

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065790.D
 Acq On : 12 Jun 2020 12:23
 Operator : VA/SY
 Sample : VD0612SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Quant Time: Jun 13 02:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	198953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	317613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	101629	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	7.92	113	99882	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.34	98	384873	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.64	95	129907	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	35513	24.529	ug/l	97
3) Chloromethane	2.21	50	59421	23.638	ug/l	97
4) Vinyl Chloride	2.35	62	67868	23.121	ug/l	100
5) Bromomethane	2.76	94	46863	22.829	ug/l	97
6) Chloroethane	2.92	64	45075	22.711	ug/l	98
7) Trichlorofluoromethane	3.27	101	74646	22.446	ug/l	100
8) Diethyl Ether	3.71	74	17512	20.029	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	43888	22.132	ug/l	95
10) Methyl Iodide	4.30	142	38039	19.699	ug/l	98
11) Tert butyl alcohol	5.21	59	13561	102.001	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	38565	21.337	ug/l	96
13) Acrolein	3.92	56	9719	88.016	ug/l	94
14) Allyl chloride	4.71	41	63153	21.141	ug/l	98
15) Acrylonitrile	5.42	53	39723	100.028	ug/l	97
16) Acetone	4.16	43	37535	101.217	ug/l	99
17) Carbon Disulfide	4.40	76	130125	21.451	ug/l	100
18) Methyl Acetate	4.71	43	17628	18.809	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	81867	19.998	ug/l #	89
20) Methylene Chloride	4.96	84	49505	22.708	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	45238	21.372	ug/l	98
22) Diisopropyl ether	6.36	45	128131	21.228	ug/l	99
23) Vinyl Acetate	6.31	43	345255	101.297	ug/l	99
24) 1,1-Dichloroethane	6.27	63	76473	20.794	ug/l	99
25) 2-Butanone	7.22	43	49463	96.580	ug/l	99
26) 2,2-Dichloropropane	7.21	77	66808	20.488	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	47204	20.732	ug/l	97
28) Bromochloromethane	7.55	49	30140	21.220	ug/l	98
29) Tetrahydrofuran	7.56	42	31988	98.824	ug/l	96
30) Chloroform	7.71	83	80017	20.991	ug/l	95
31) Cyclohexane	7.98	56	72264	20.497	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	73628	21.006	ug/l	97
36) 1,1-Dichloropropene	8.11	75	63914	21.007	ug/l	100
37) Ethyl Acetate	7.30	43	22590	18.850	ug/l	97
38) Carbon Tetrachloride	8.10	117	68978	21.542	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065790.D
 Acq On : 12 Jun 2020 12:23
 Operator : VA/SY
 Sample : VD0612SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

Quant Time: Jun 13 02:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	74759	20.753	ug/l	98
40) Benzene	8.35	78	171749	20.649	ug/l	99
41) Methacrylonitrile	7.53	41	10875m	15.240	ug/l	
42) 1,2-Dichloroethane	8.43	62	51159	20.385	ug/l	100
43) Isopropyl Acetate	8.46	43	44915	18.848	ug/l	98
44) Trichloroethene	9.11	130	47958	20.719	ug/l	94
45) 1,2-Dichloropropane	9.38	63	41918	20.057	ug/l	97
46) Dibromomethane	9.48	93	22091	19.490	ug/l	98
47) Bromodichloromethane	9.66	83	62198	20.478	ug/l	100
48) Methyl methacrylate	9.46	41	23215	20.126	ug/l	98
49) 1,4-Dioxane	9.47	88	4961	411.205	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	111284	95.300	ug/l	97
52) Toluene	10.40	92	113206	20.947	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	54934	19.973	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	65826	20.264	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	30433	20.094	ug/l	95
56) Ethyl methacrylate	10.67	69	34899	19.591	ug/l	97
57) 1,3-Dichloropropane	10.95	76	50793	19.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	79815	96.373	ug/l	98
59) 2-Hexanone	10.99	43	74274	94.344	ug/l	100
60) Dibromochloromethane	11.14	129	39753	19.430	ug/l	97
61) 1,2-Dibromoethane	11.25	107	28765	19.326	ug/l	99
64) Tetrachloroethene	10.88	164	40253	20.549	ug/l	93
65) Chlorobenzene	11.67	112	117250	20.733	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	43376	20.576	ug/l	97
67) Ethyl Benzene	11.75	91	210023	20.789	ug/l	99
68) m/p-Xylenes	11.86	106	161695	41.551	ug/l	99
69) o-Xylene	12.18	106	72996	20.804	ug/l	100
70) Styrene	12.20	104	126907	20.894	ug/l	99
71) Bromoform	12.36	173	22953	19.773	ug/l #	97
73) Isopropylbenzene	12.48	105	202946	20.304	ug/l	98
74) N-amyl acetate	12.29	43	41480	18.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	32136	19.037	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	25106m	21.653	ug/l	
77) Bromobenzene	12.76	156	47705	20.172	ug/l	98
78) n-propylbenzene	12.83	91	245961	20.442	ug/l	99
79) 2-Chlorotoluene	12.91	91	136088	20.618	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	174035	20.923	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10456	19.485	ug/l	98
82) 4-Chlorotoluene	13.01	91	146239	20.641	ug/l	100
83) tert-Butylbenzene	13.23	119	146058	20.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	172600	20.731	ug/l	100
85) sec-Butylbenzene	13.41	105	208061	20.714	ug/l	99
86) p-Isopropyltoluene	13.52	119	190821	20.727	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	94207	20.203	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	94812	20.440	ug/l	97
89) n-Butylbenzene	13.85	91	184365	20.998	ug/l	99
90) Hexachloroethane	14.12	117	37490	20.345	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	80677	20.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5285	18.812	ug/l	90

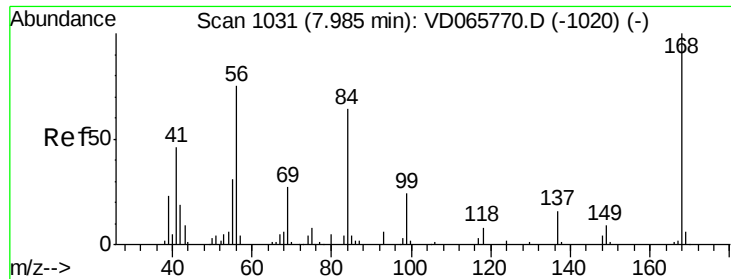
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065790.D
Acq On : 12 Jun 2020 12:23
Operator : VA/SY
Sample : VD0612SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Jun 13 02:57:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53299	19.533	ug/l	99
94) Hexachlorobutadiene	15.27	225	31522	19.110	ug/l	96
95) Naphthalene	15.41	128	83408	18.046	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	45878	19.522	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

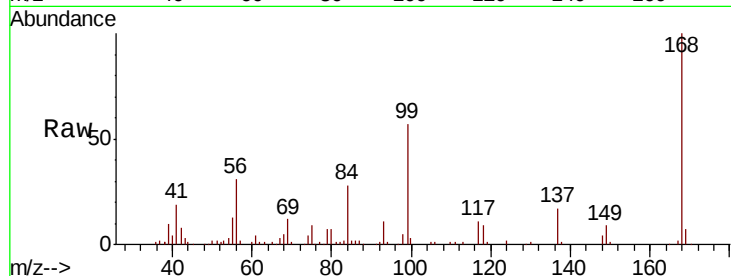
VD0612SBSD01

Tot Ion:168 Resp: 198953

Ion Ratio Lower Upper

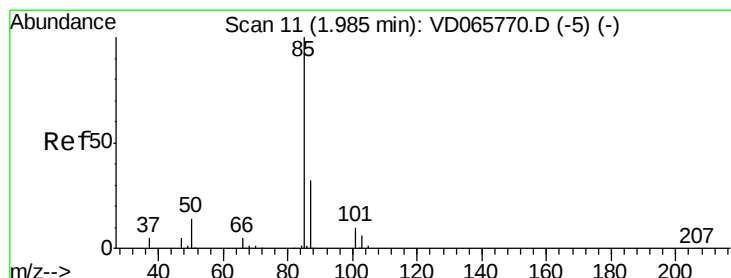
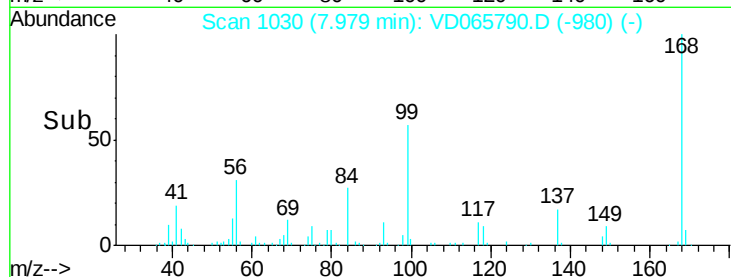
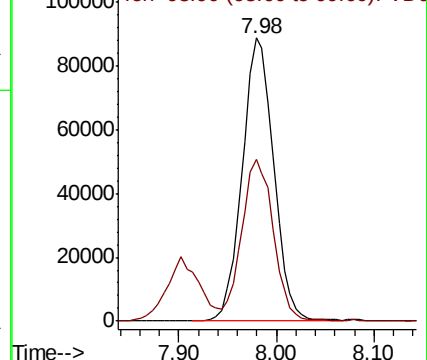
168 100

99 57.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.529 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065790.D

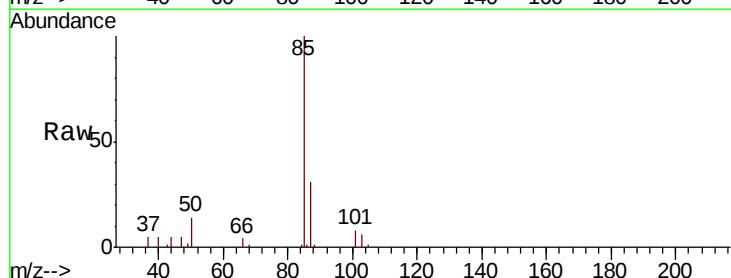
Acq: 12 Jun 2020 12:23

Tgt Ion: 85 Resp: 35513

Ion Ratio Lower Upper

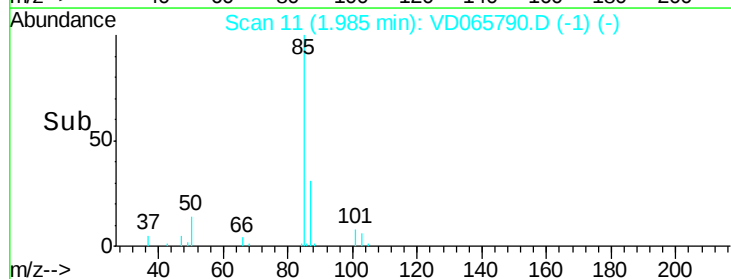
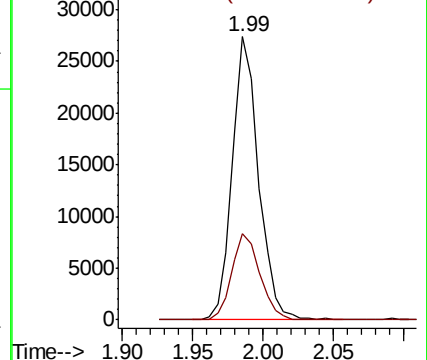
85 100

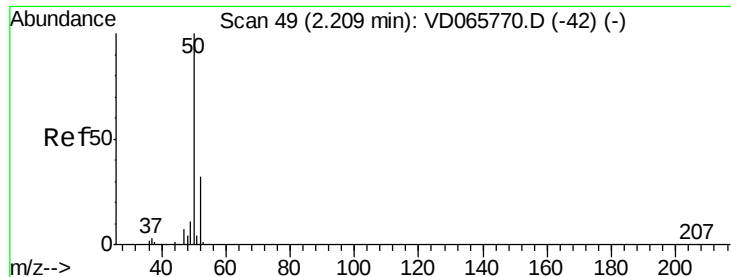
87 30.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.638 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

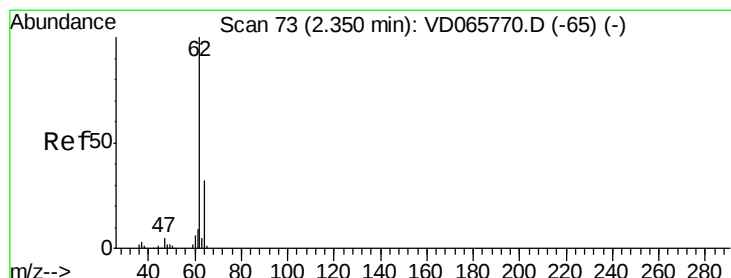
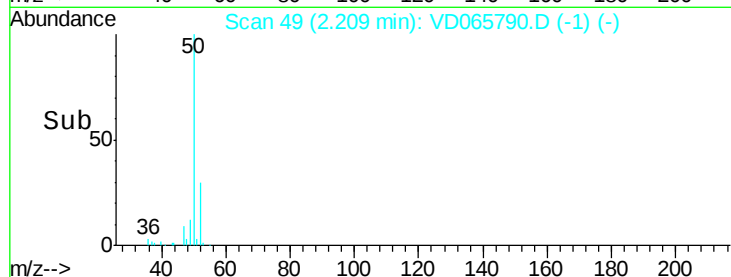
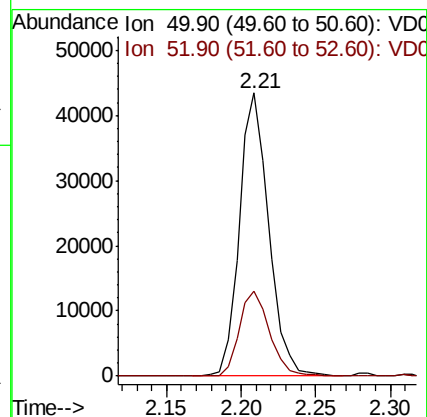
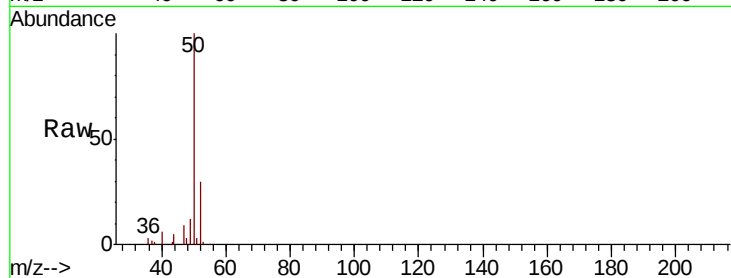
VD0612SBSD01

Tot Ion: 50 Resp: 59421

Ion Ratio Lower Upper

50 100

52 30.2 25.6 38.4



#4

Vinyl Chloride

Concen: 23.121 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065790.D

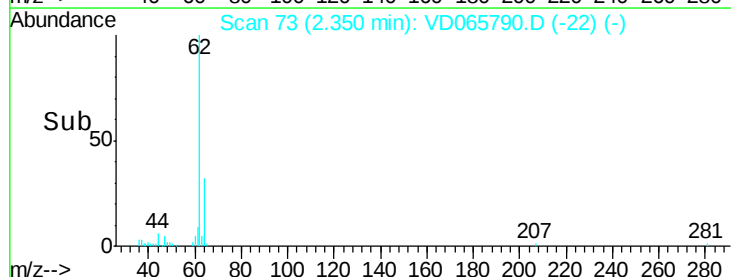
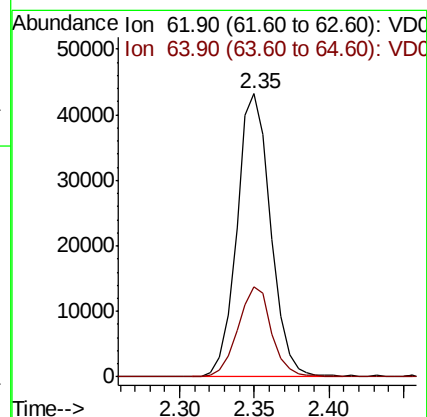
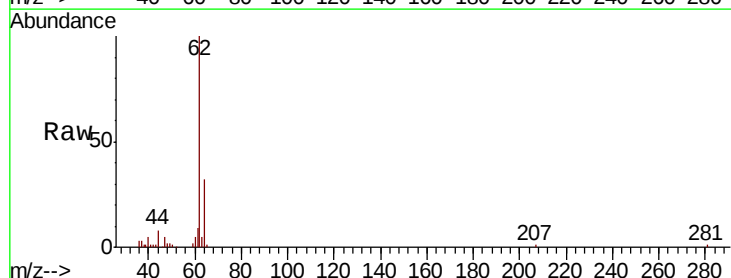
Acq: 12 Jun 2020 12:23

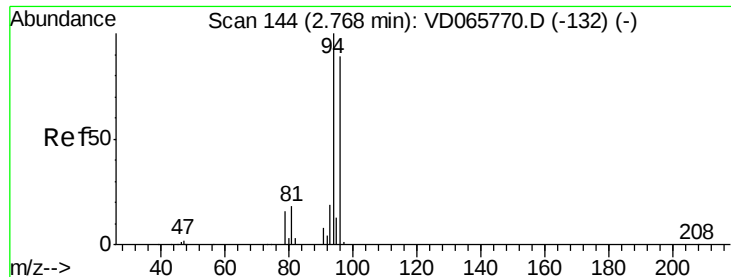
Tgt Ion: 62 Resp: 67868

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 22.829 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

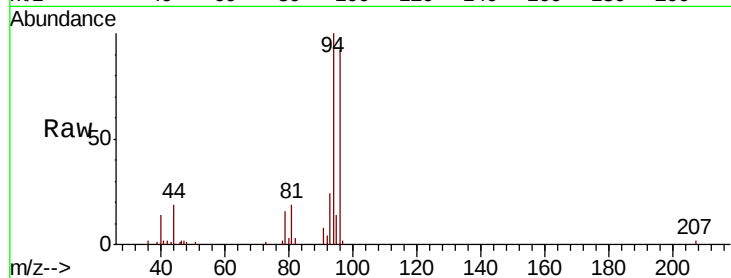
VD0612SBSD01

Tot Ion: 94 Resp: 46863

Ion Ratio Lower Upper

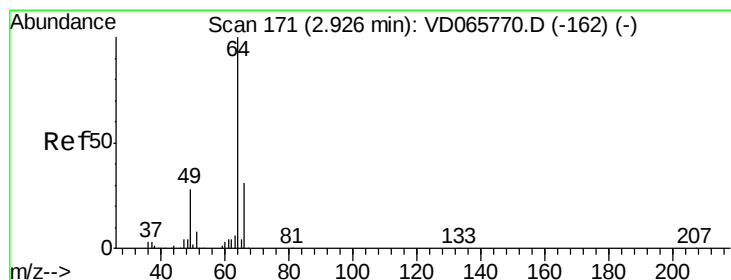
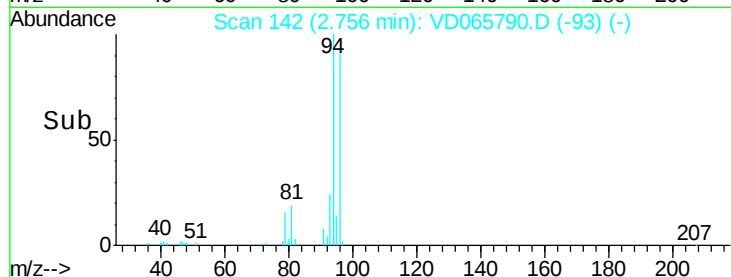
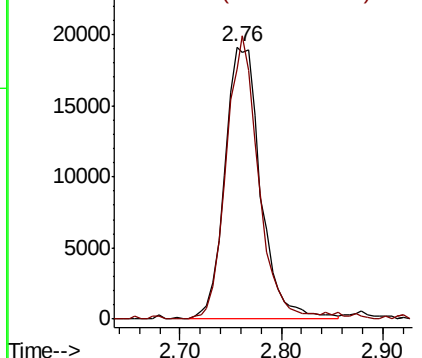
94 100

96 92.0 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.711 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065790.D

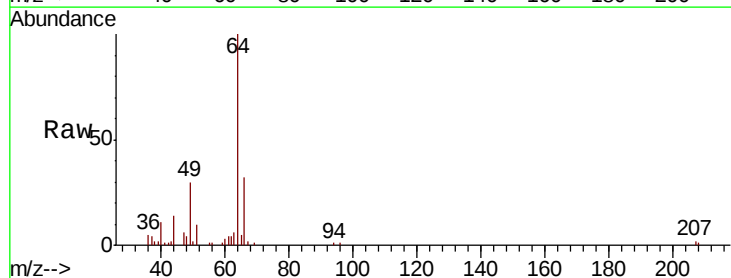
Acq: 12 Jun 2020 12:23

Tgt Ion: 64 Resp: 45075

Ion Ratio Lower Upper

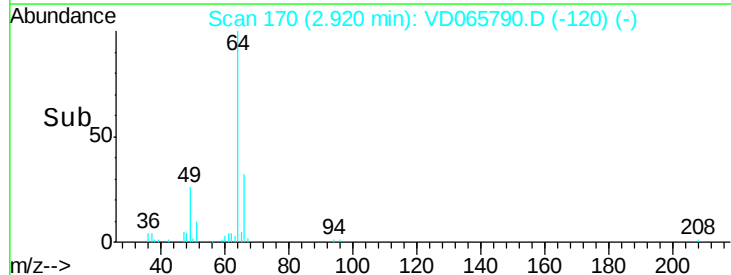
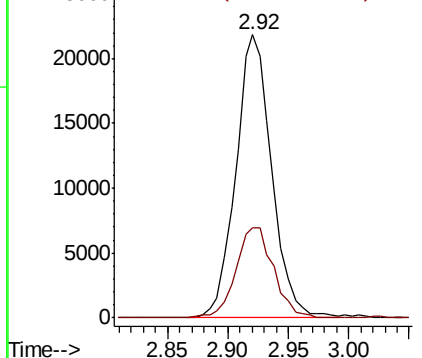
64 100

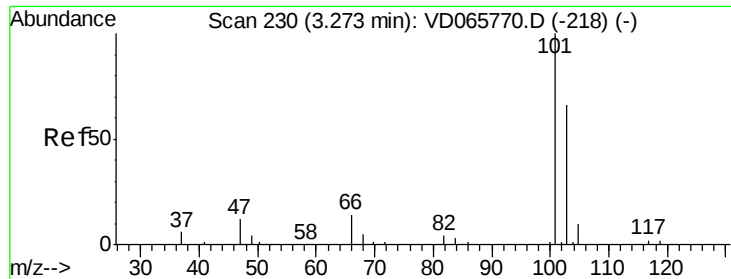
66 31.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



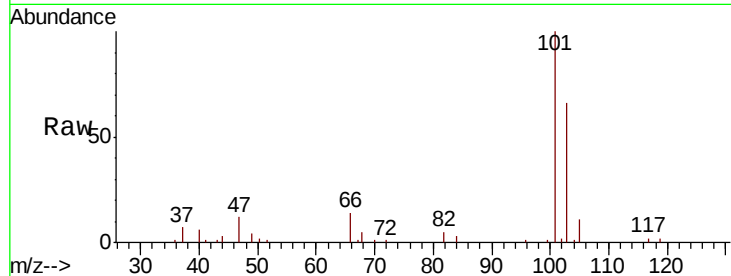


#7

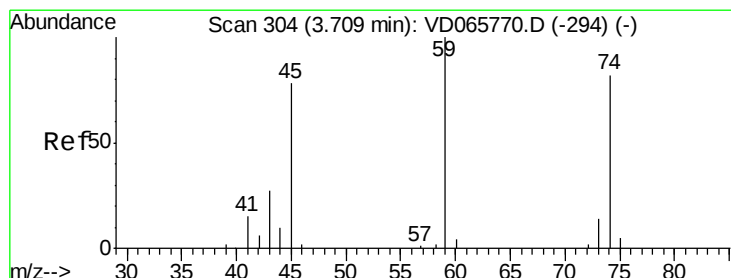
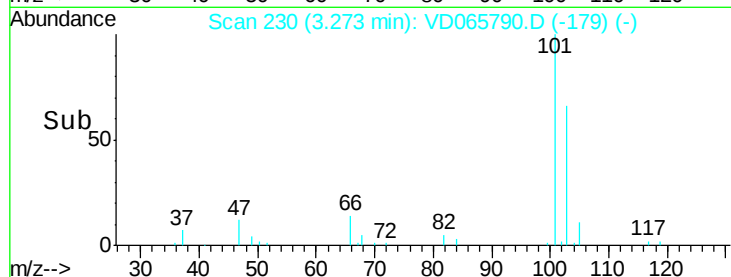
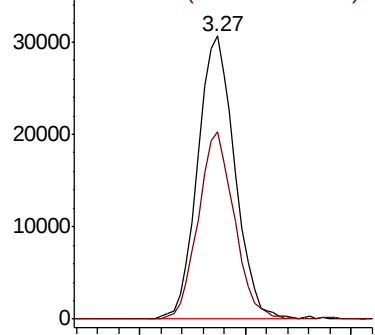
Trichlorofluoromethane
 Concen: 22.446 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Tot Ion:101 Resp: 74646
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7



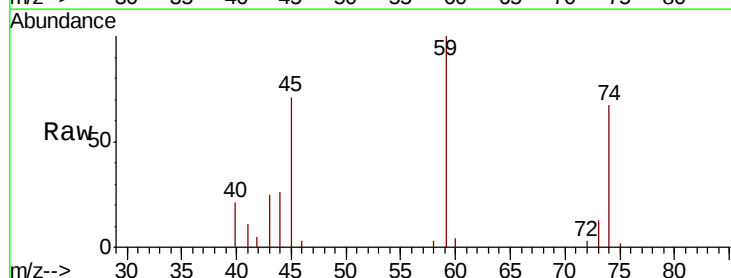
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



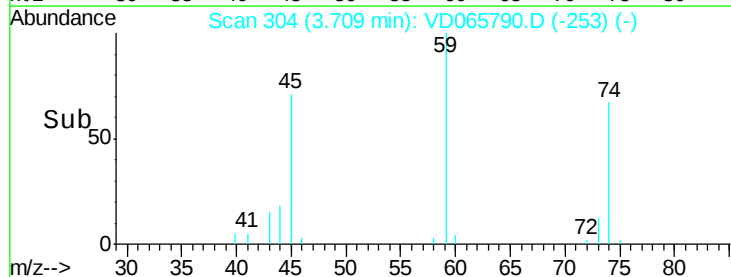
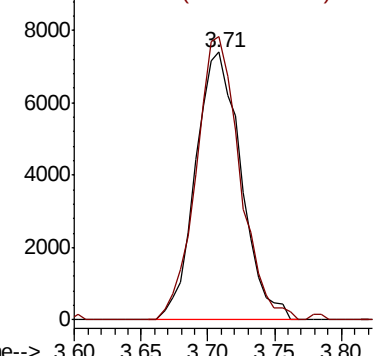
#8

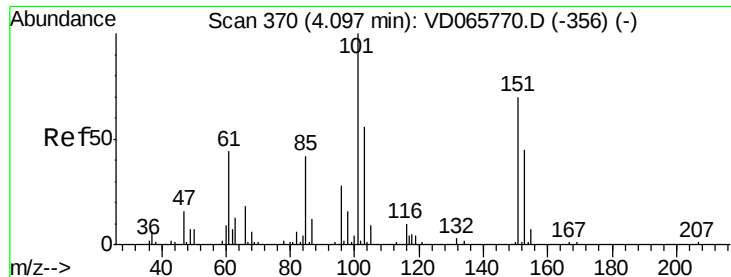
Diethyl Ether
 Concen: 20.029 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 74 Resp: 17512
 Ion Ratio Lower Upper
 74 100
 45 102.1 47.9 143.8



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.132 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

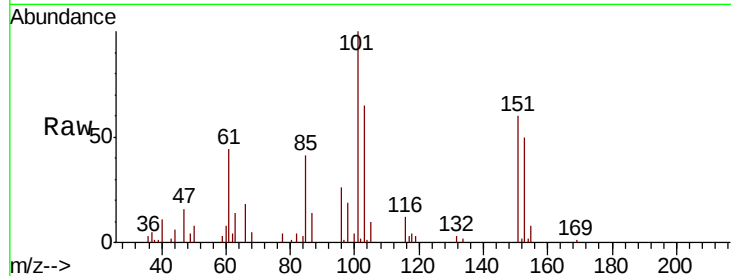
Tot Ion:101 Resp: 43888

Ion Ratio Lower Upper

101 100

85 47.0 36.5 54.7

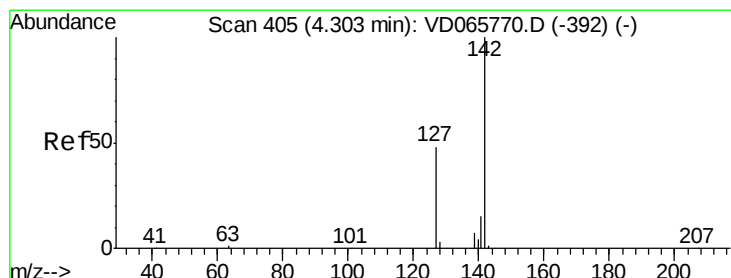
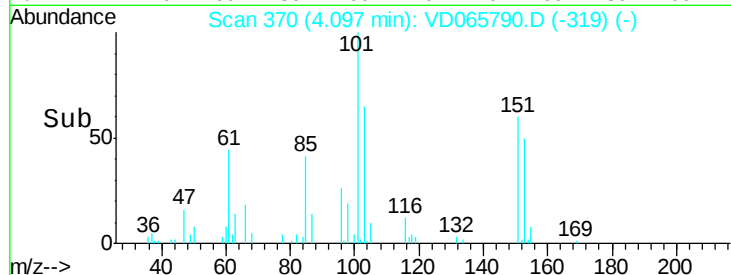
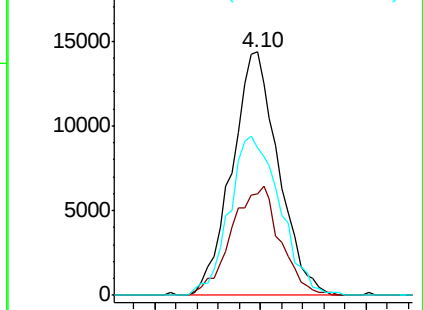
151 71.1 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VD

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.699 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

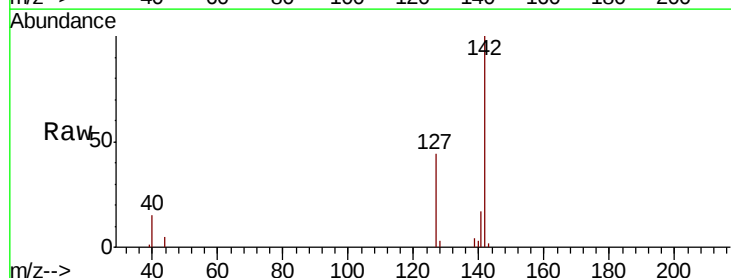
Tgt Ion:142 Resp: 38039

Ion Ratio Lower Upper

142 100

127 45.6 37.6 56.4

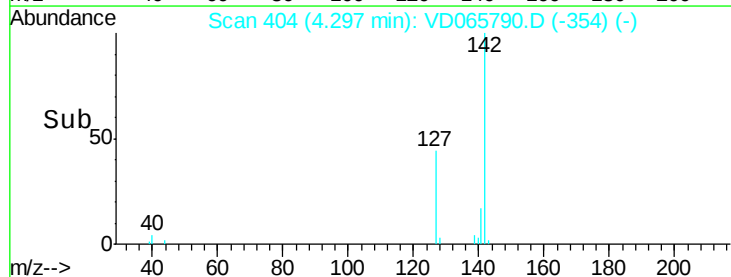
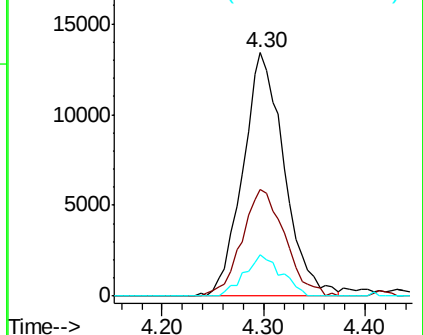
141 15.1 12.1 18.1

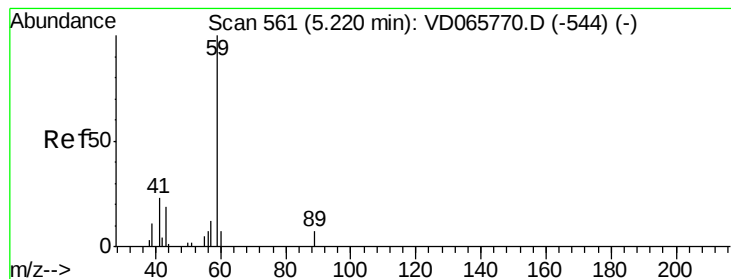


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 102.001 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

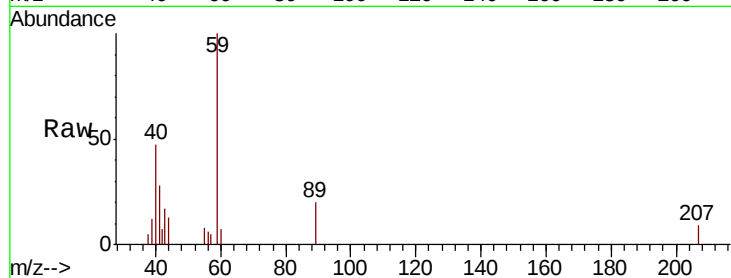
VD0612SBS01

Tot Ion: 59 Resp: 13561

Ion Ratio Lower Upper

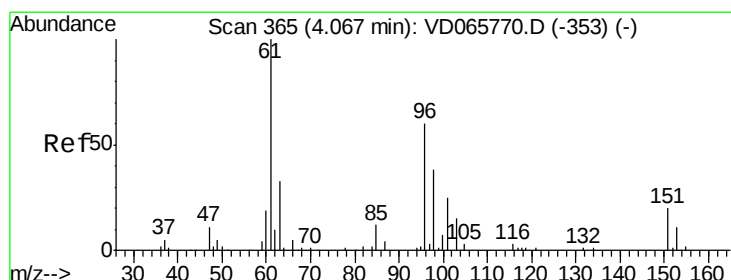
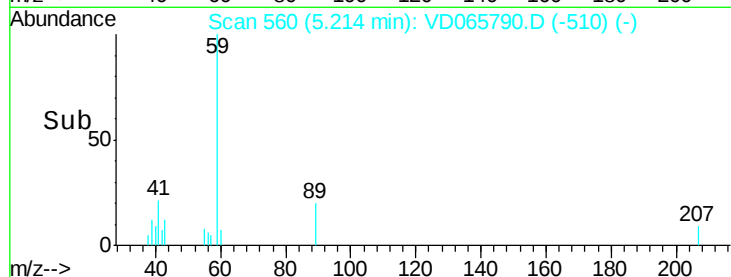
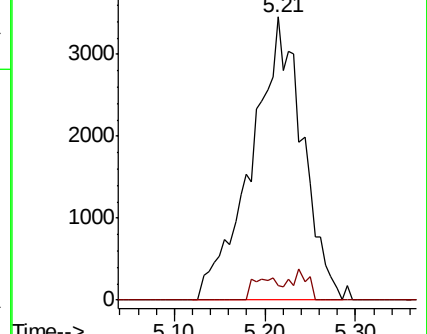
59 100

57 4.1 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.337 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

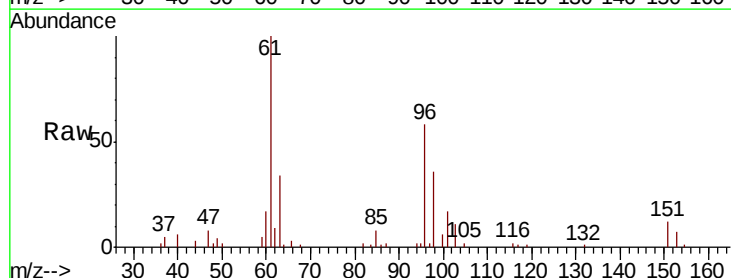
Tgt Ion: 96 Resp: 38565

Ion Ratio Lower Upper

96 100

61 172.6 132.3 198.5

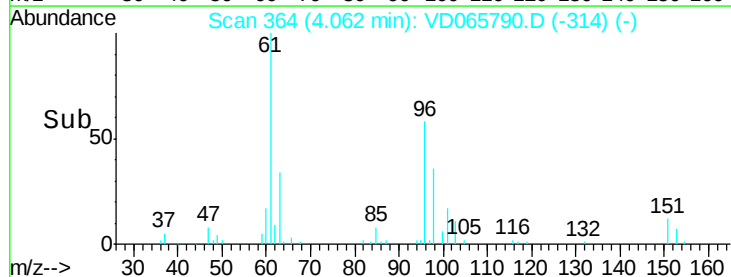
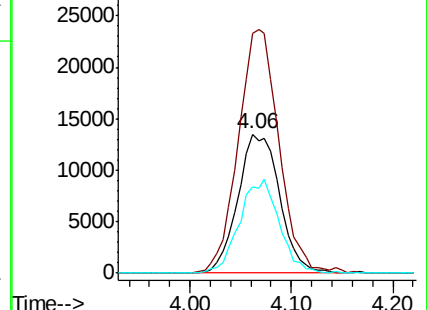
98 62.1 50.7 76.1

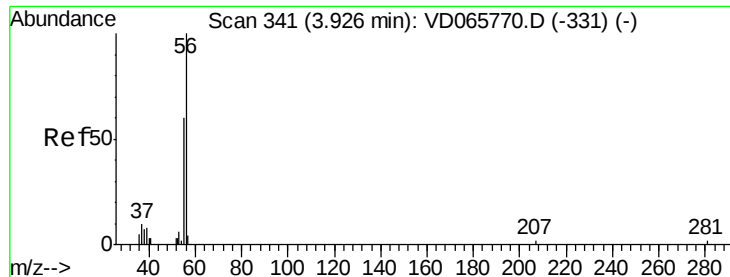


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 88.016 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

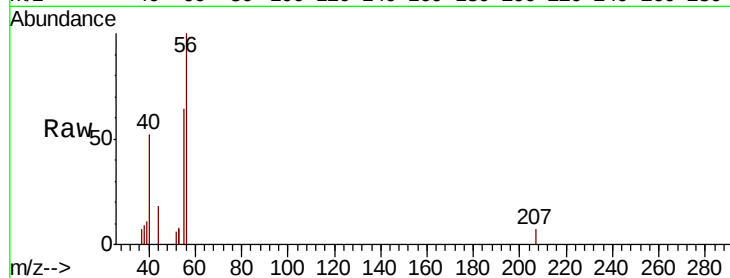
VD0612SBS01

Tot Ion: 56 Resp: 9719

Ion Ratio Lower Upper

56 100

55 73.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

4000

3000

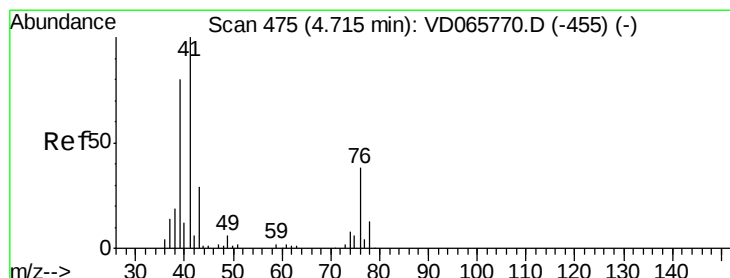
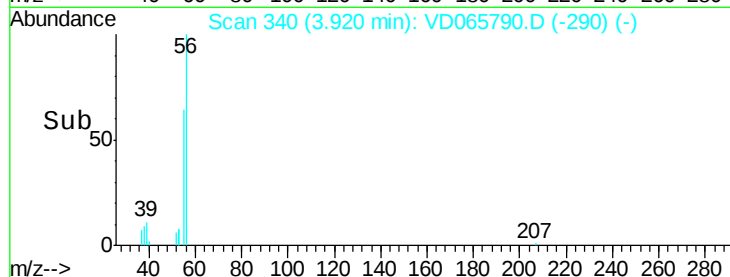
2000

1000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 21.141 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

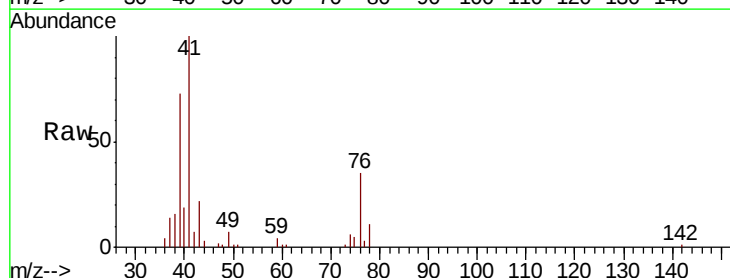
Tgt Ion: 41 Resp: 63153

Ion Ratio Lower Upper

41 100

39 73.6 60.9 91.3

76 35.4 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

25000

20000

15000

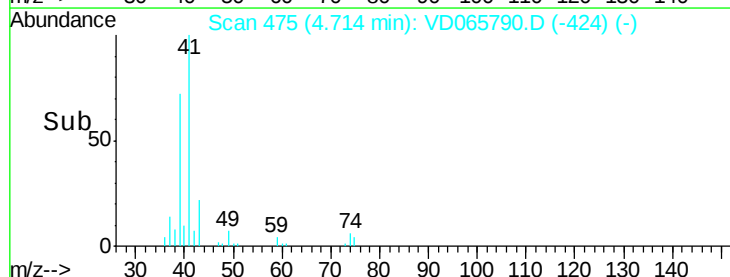
10000

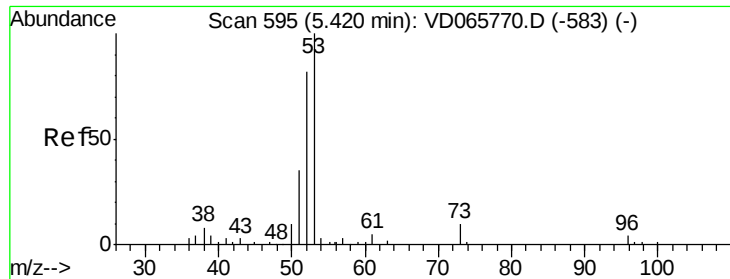
5000

0

4.50 4.60 4.70 4.80 4.90

Time-->





#15

Acrylonitrile

Concen: 100.028 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

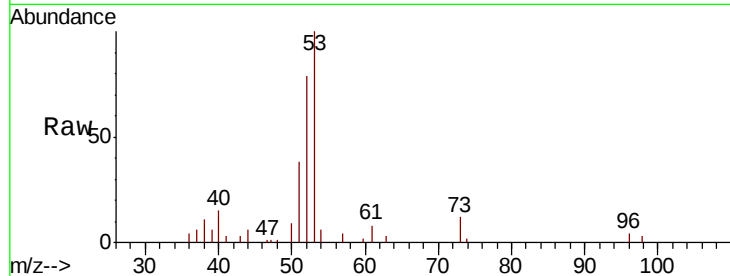
Tot Ion: 53 Resp: 39723

Ion Ratio Lower Upper

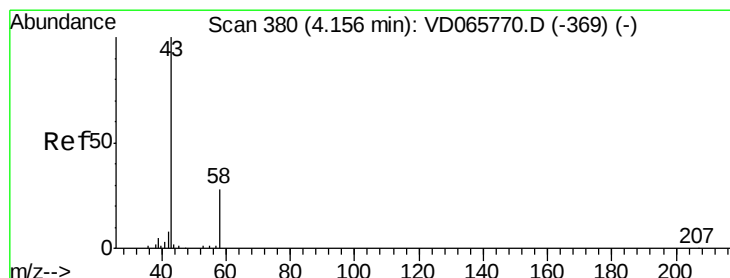
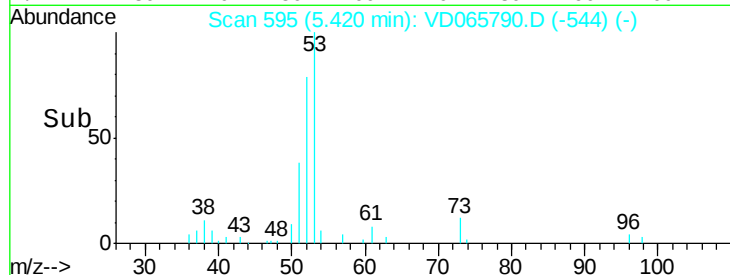
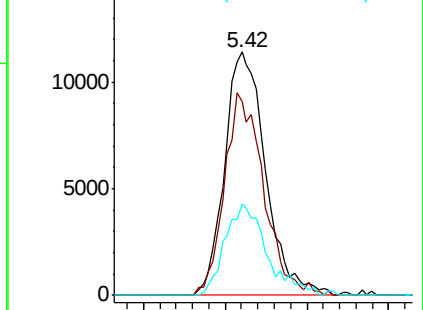
53 100

52 78.6 66.2 99.2

51 38.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 101.217 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065790.D

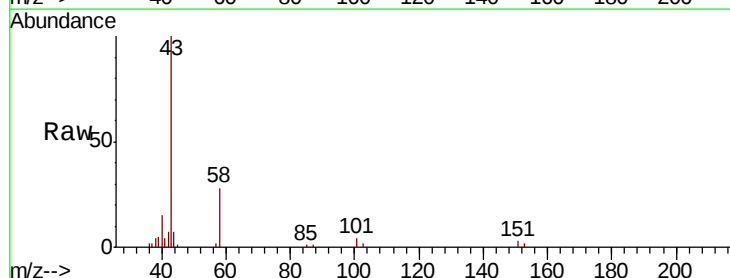
Acq: 12 Jun 2020 12:23

Tgt Ion: 43 Resp: 37535

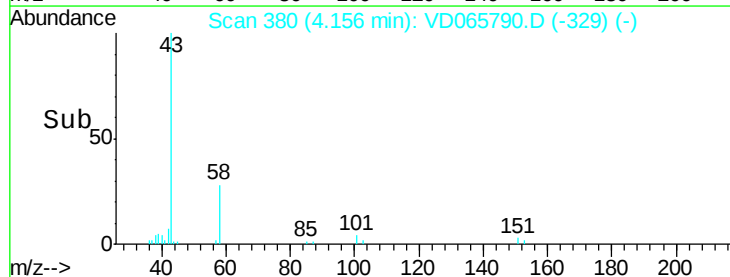
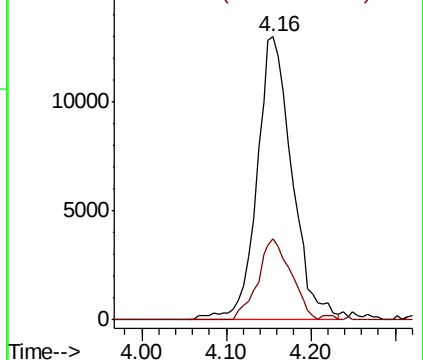
Ion Ratio Lower Upper

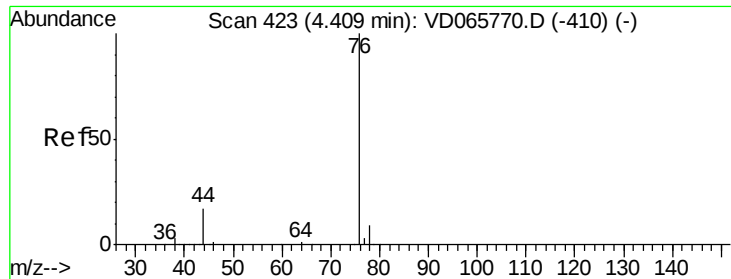
43 100

58 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

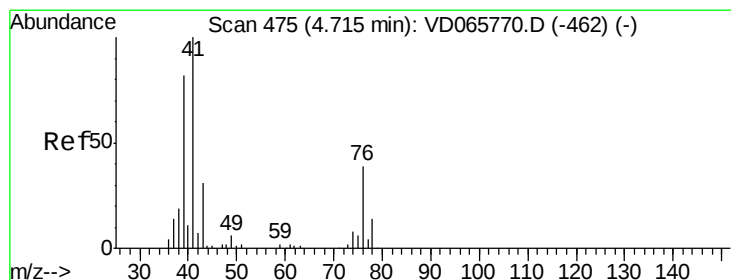
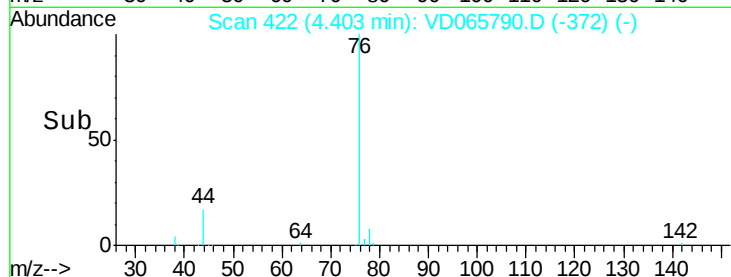
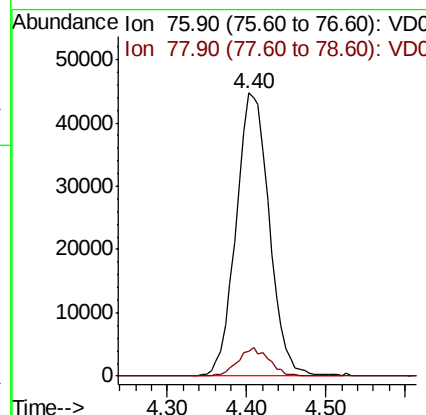
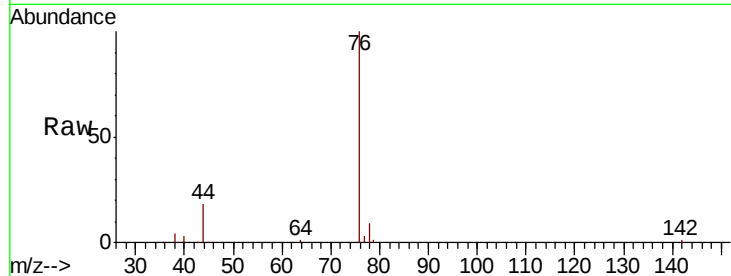




#17
Carbon Disulfide
Concen: 21.451 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

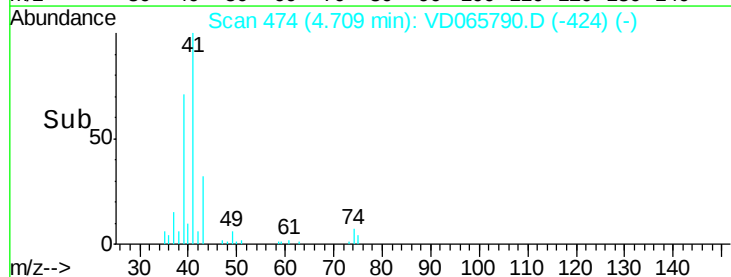
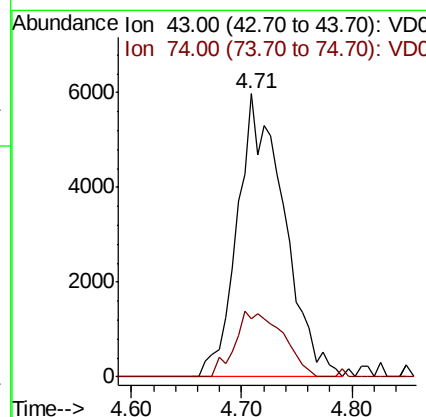
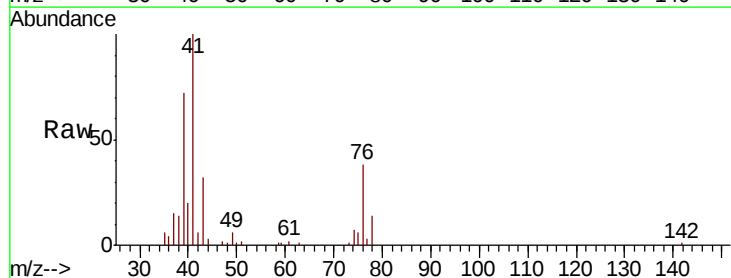
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

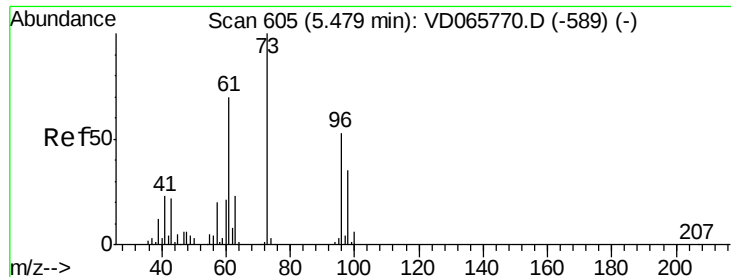
Tot Ion: 76 Resp: 130125
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 18.809 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 43 Resp: 17628
Ion Ratio Lower Upper
43 100
74 23.9 18.7 28.1

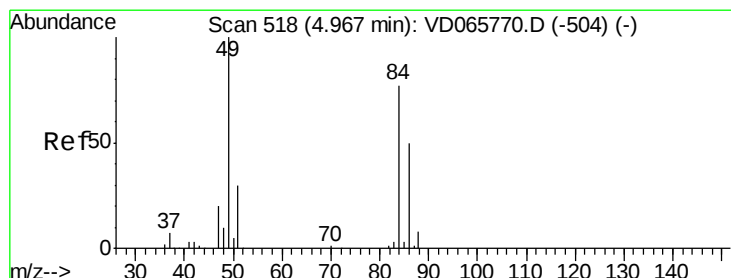
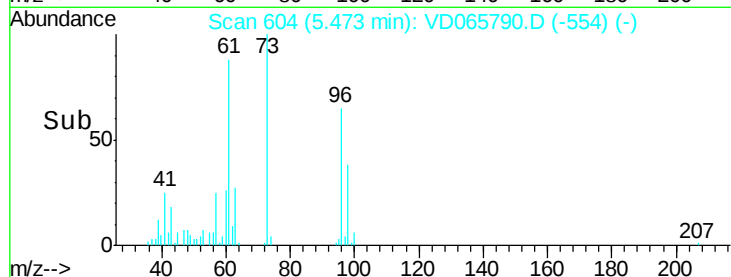
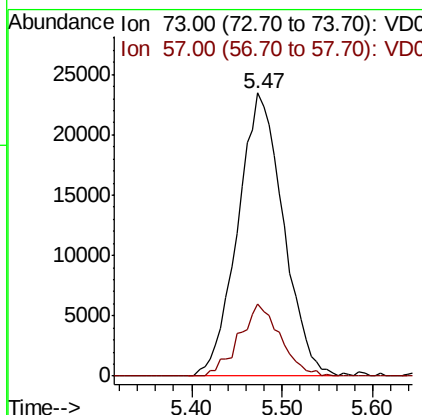
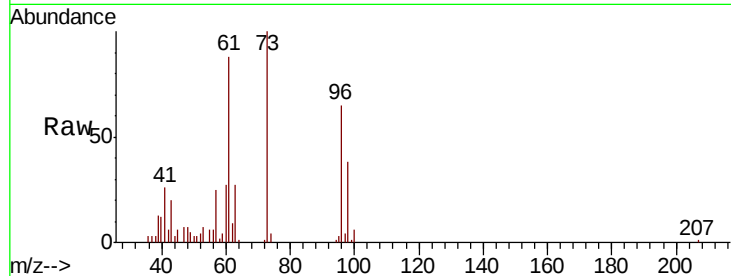




#19
Methyl tert-butyl Ether
Concen: 19.998 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

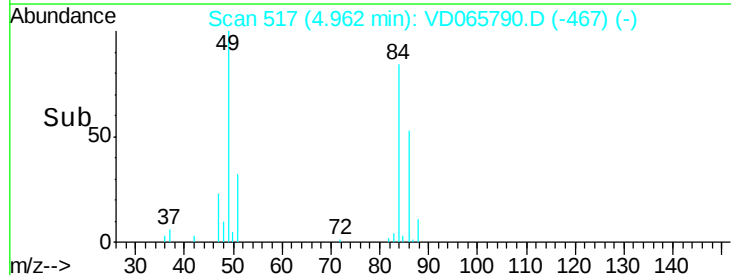
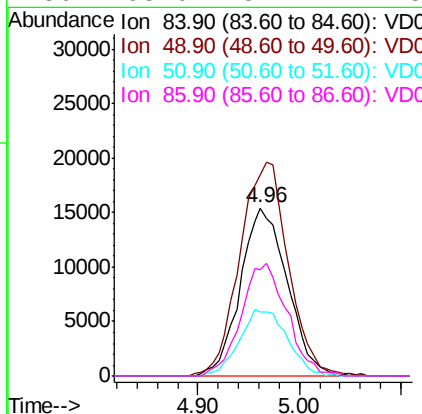
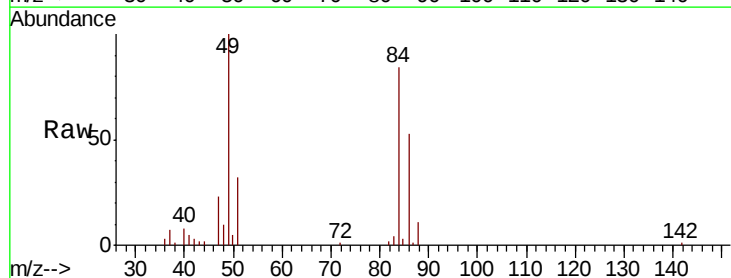
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

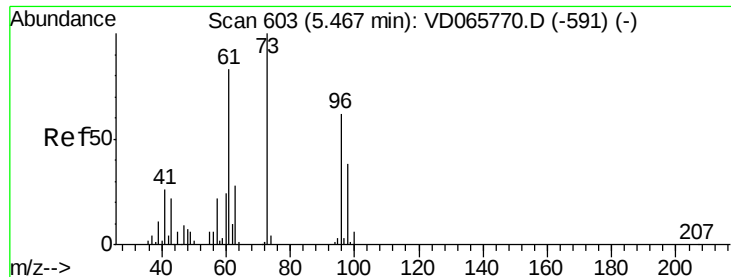
Tot Ion: 73 Resp: 81867
Ion Ratio Lower Upper
73 100
57 25.5 16.2 24.2#



#20
Methylene Chloride
Concen: 22.708 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 84 Resp: 49505
Ion Ratio Lower Upper
84 100
49 119.5 103.4 155.0
51 38.4 31.4 47.2
86 63.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.372 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

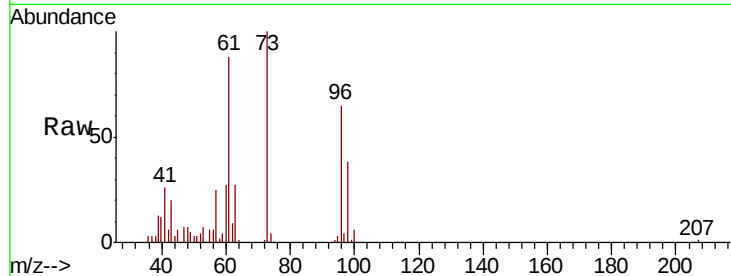
Tot Ion: 96 Resp: 45238

Ion Ratio Lower Upper

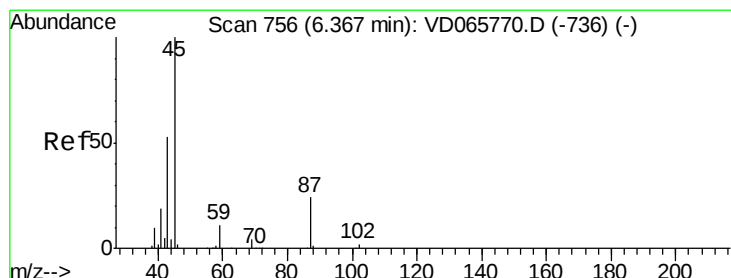
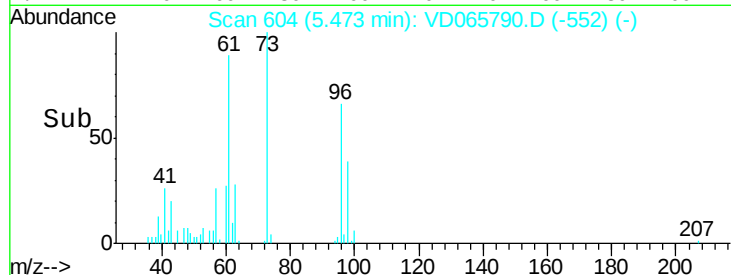
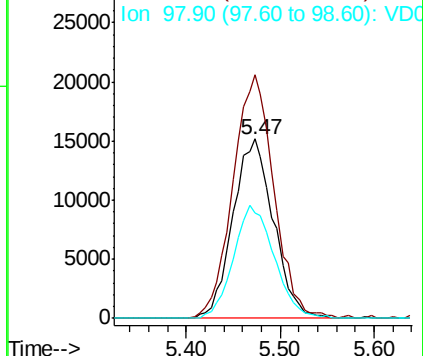
96 100

61 135.8 107.7 161.5

98 58.7 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 21.228 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Tgt Ion: 45 Resp: 128131

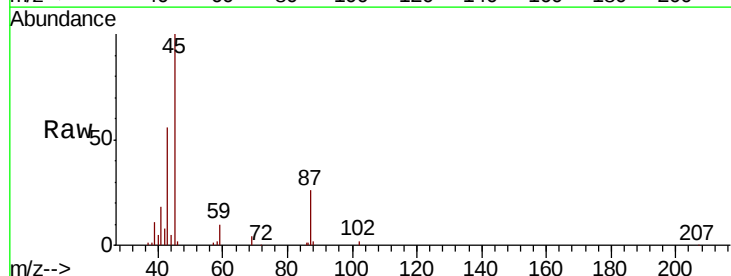
Ion Ratio Lower Upper

45 100

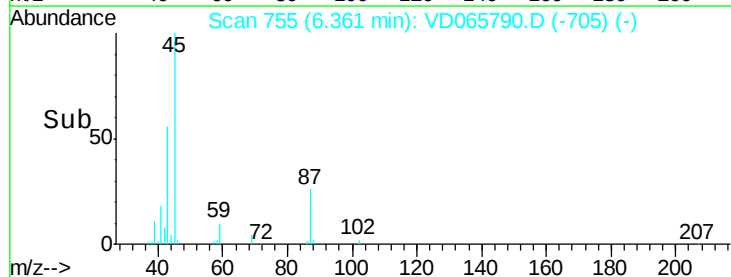
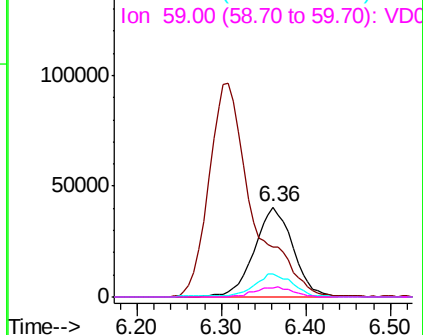
43 54.3 43.4 65.0

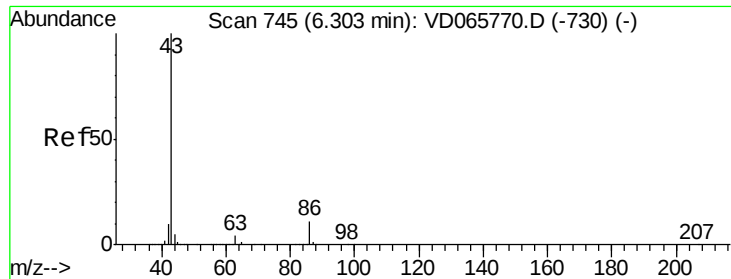
87 25.7 20.2 30.4

59 10.1 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 101.297 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

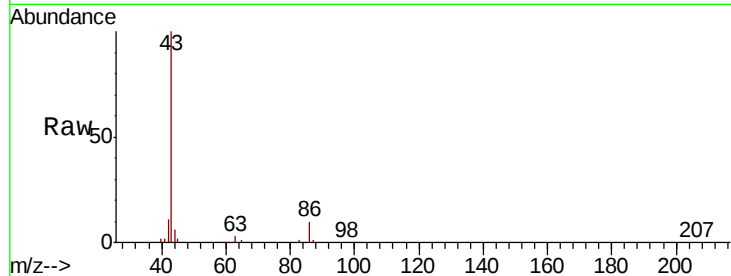
VD0612SBSD01

Tot Ion: 43 Resp: 345255

Ion Ratio Lower Upper

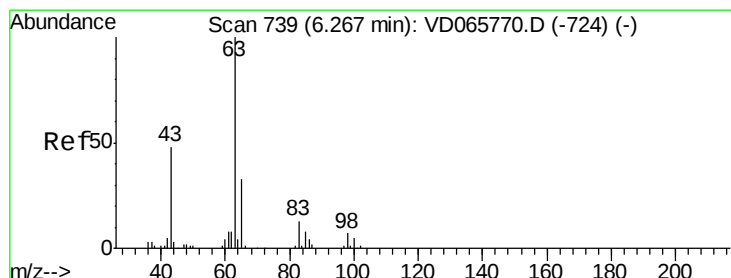
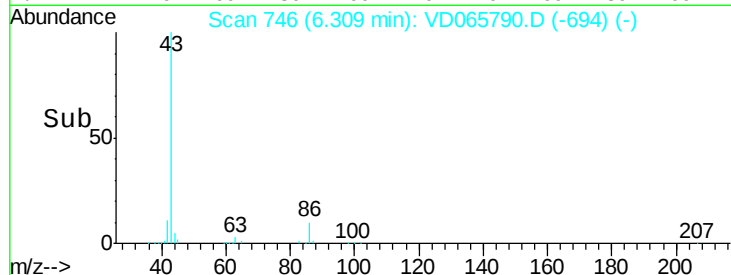
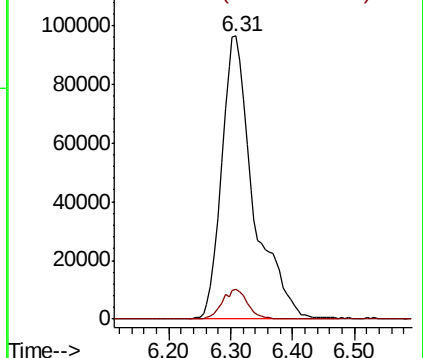
43 100

86 10.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.794 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

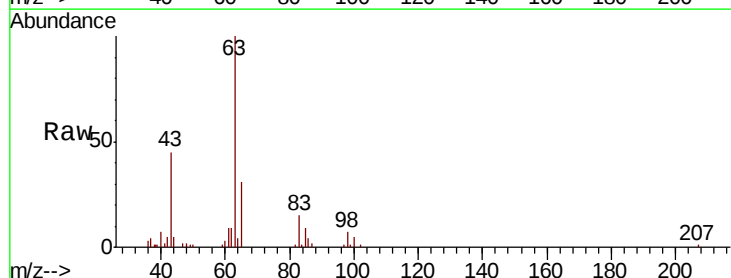
Tgt Ion: 63 Resp: 76473

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

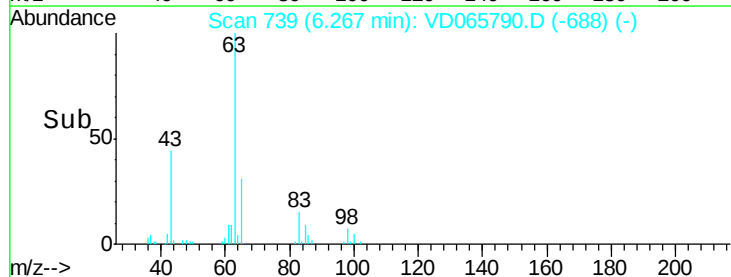
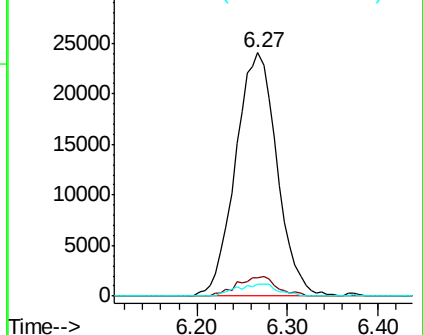
100 4.8 2.3 6.9

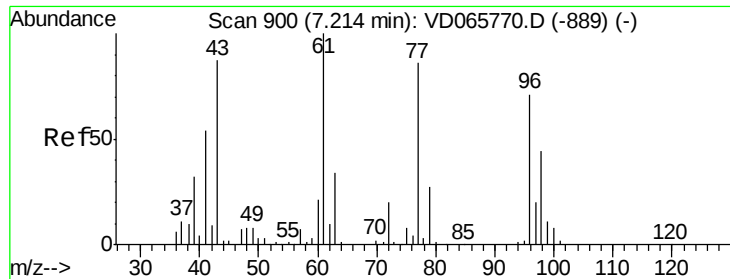


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 96.580 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

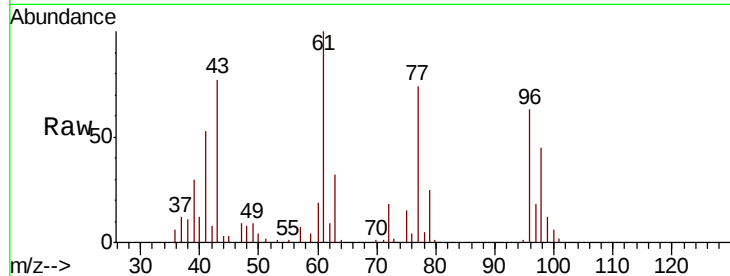
VD0612SBSD01

Tot Ion: 43 Resp: 49463

Ion Ratio Lower Upper

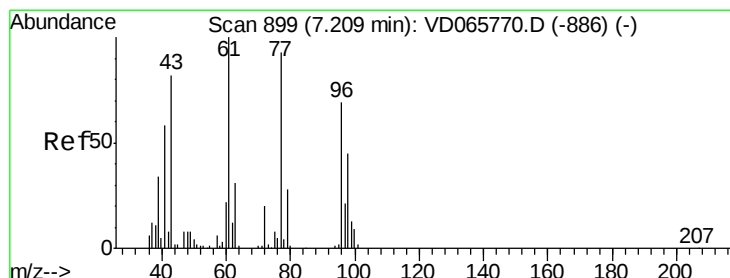
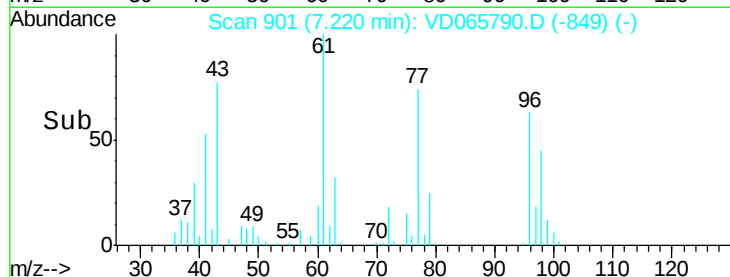
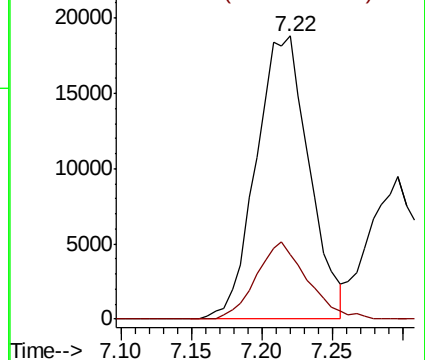
43 100

72 22.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.488 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065790.D

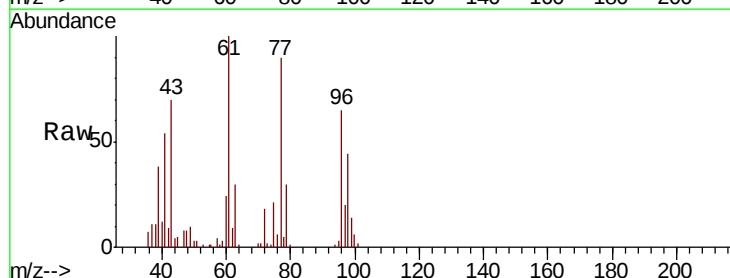
Acq: 12 Jun 2020 12:23

Tgt Ion: 77 Resp: 66808

Ion Ratio Lower Upper

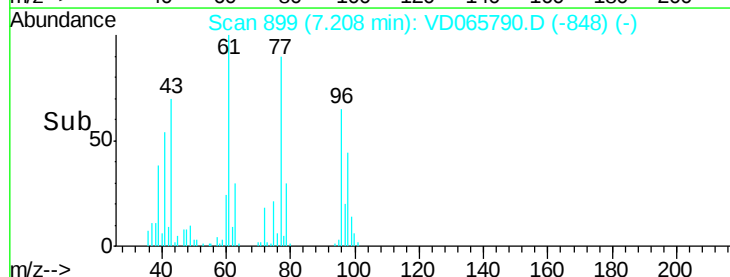
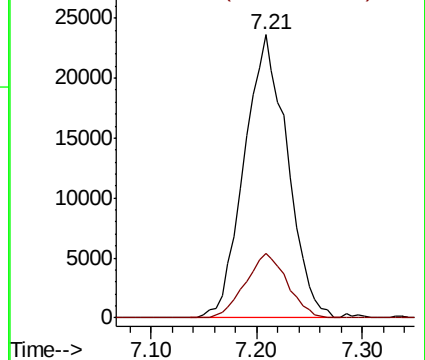
77 100

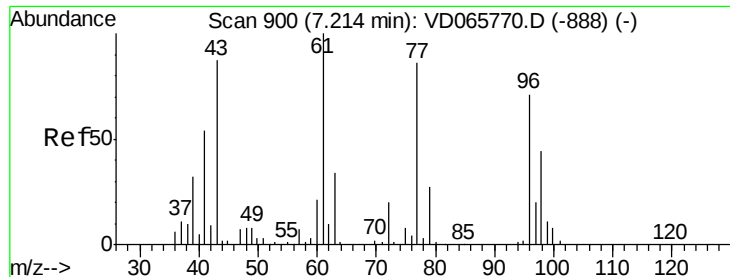
97 22.0 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 20.732 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

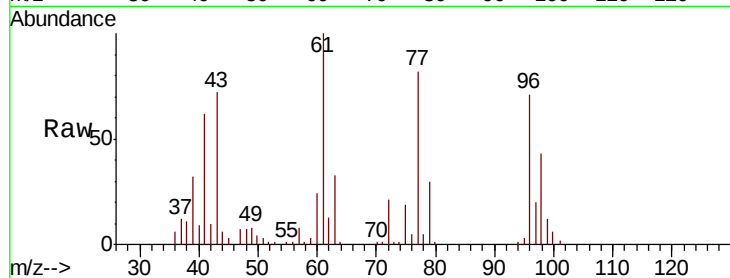
Tot Ion: 96 Resp: 47204

Ion Ratio Lower Upper

96 100

61 150.8 0.0 291.2

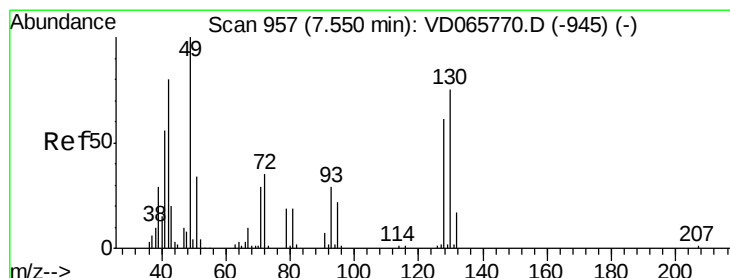
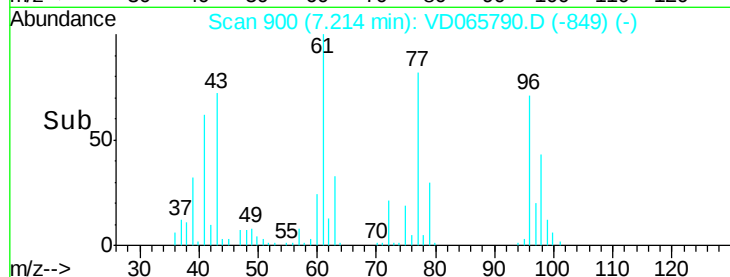
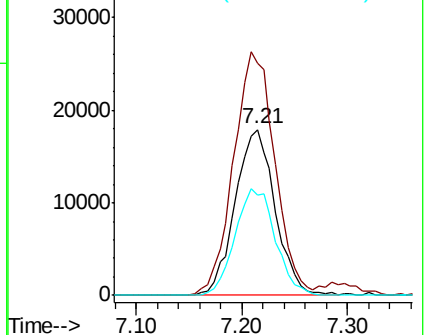
98 64.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 21.220 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

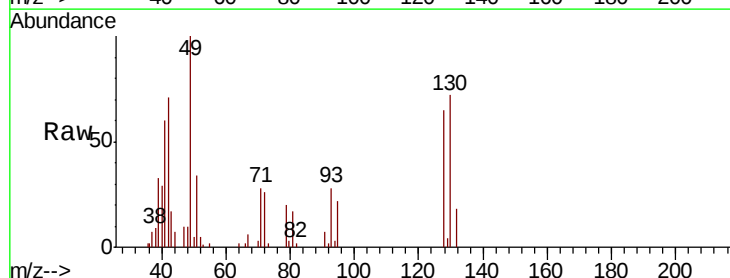
Tgt Ion: 49 Resp: 30140

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

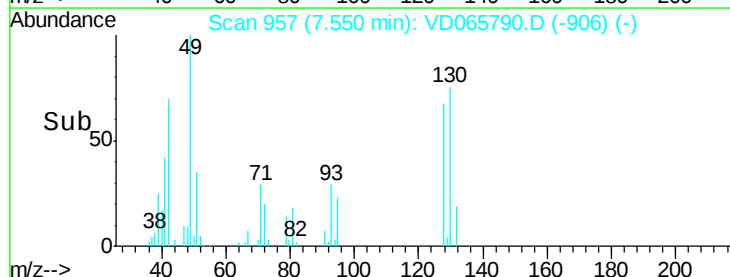
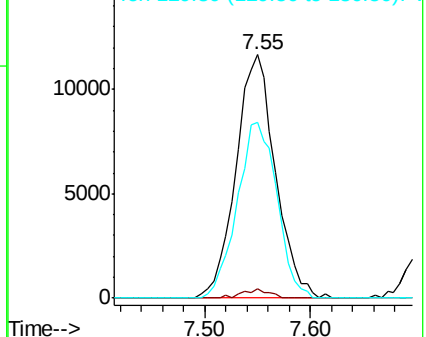
130 72.8 59.5 89.3

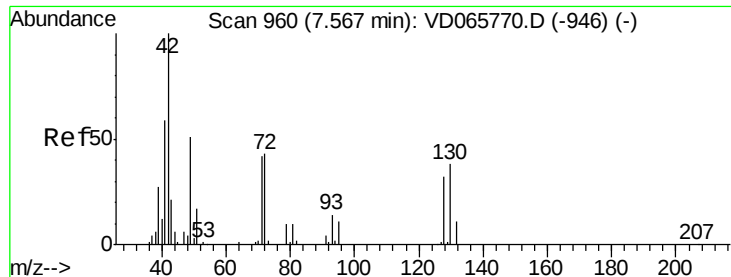


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

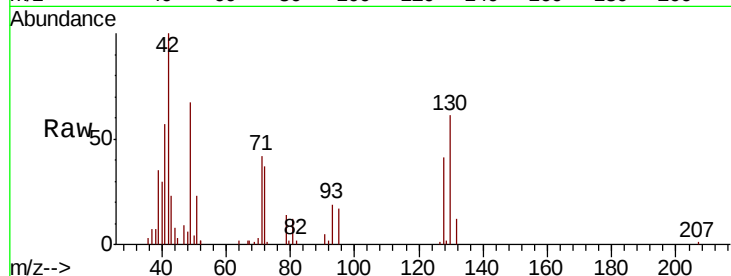




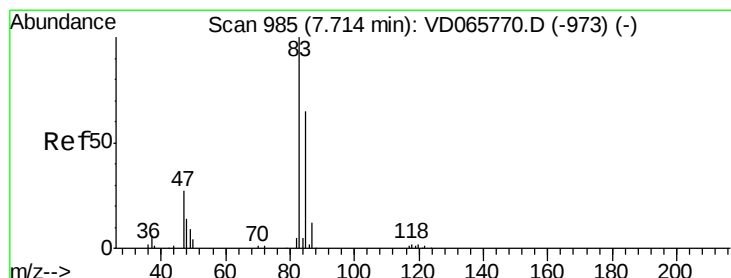
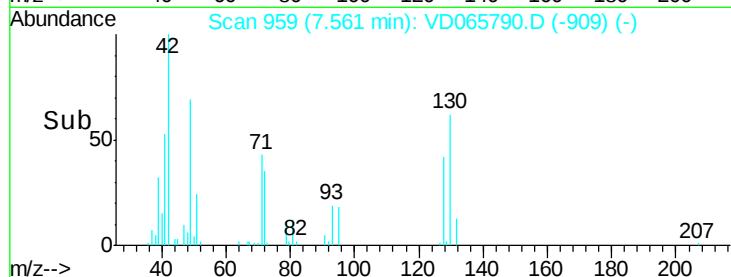
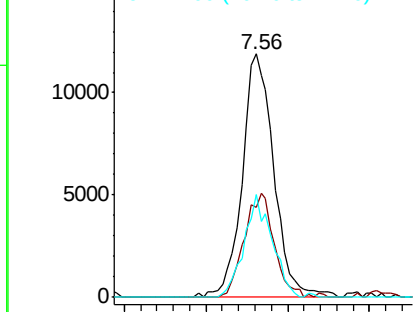
#29
Tetrahydrofuran
Concen: 98.824 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

Tot Ion: 42 Resp: 31988
Ion Ratio Lower Upper
42 100
72 40.5 34.9 52.3
71 36.9 31.2 46.8

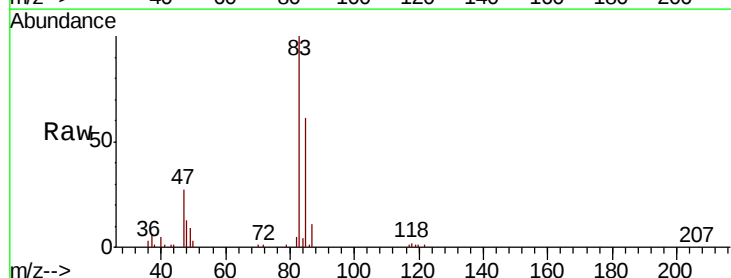


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

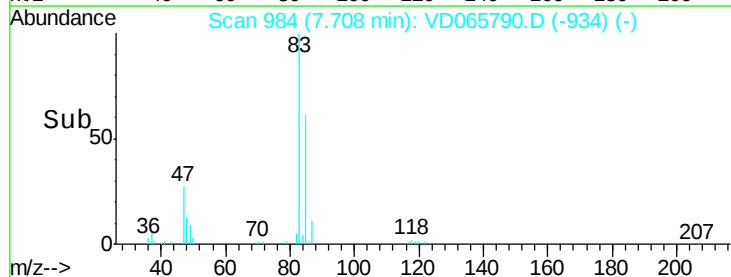
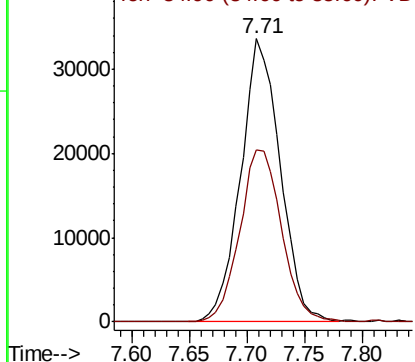


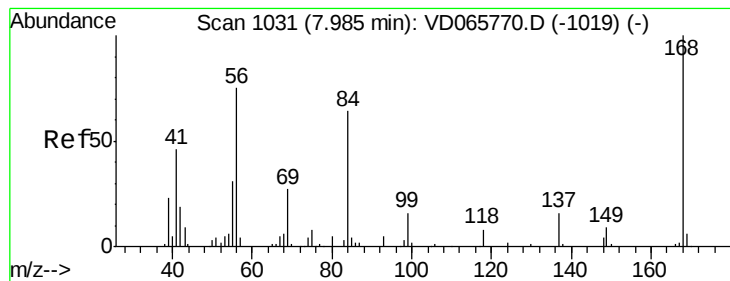
#30
Chloroform
Concen: 20.991 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 83 Resp: 80017
Ion Ratio Lower Upper
83 100
85 60.7 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.497 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

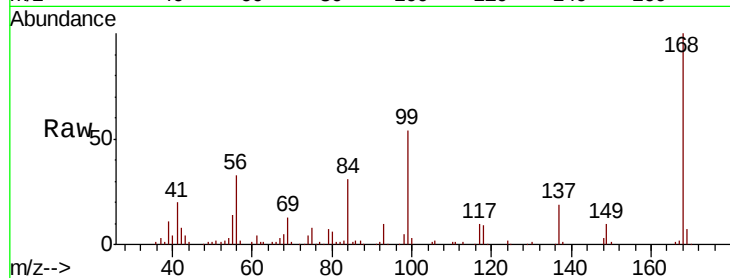
Tot Ion: 56 Resp: 72264

Ion Ratio Lower Upper

56 100

69 40.3 28.5 42.7

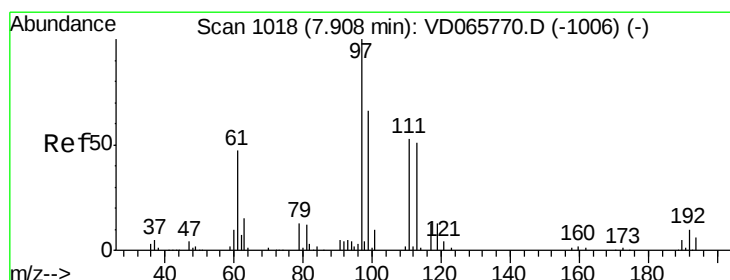
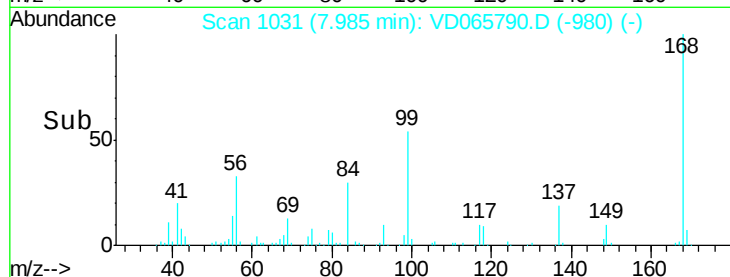
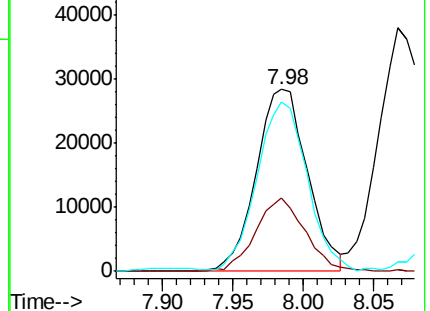
84 91.2 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.006 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

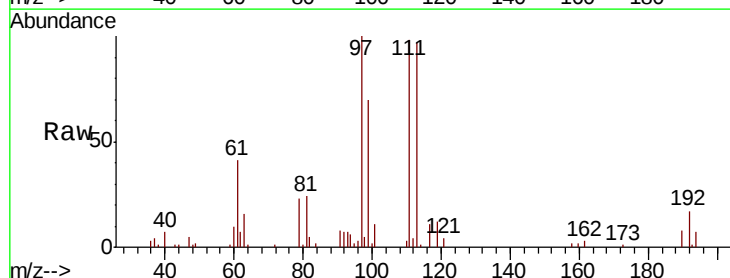
Tgt Ion: 97 Resp: 73628

Ion Ratio Lower Upper

97 100

99 64.8 49.2 73.8

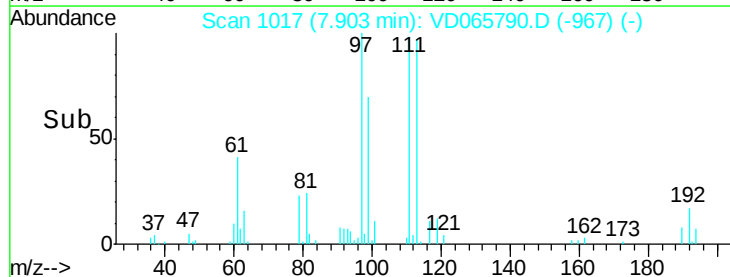
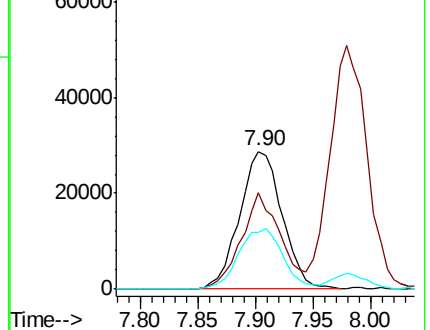
61 45.6 36.0 54.0

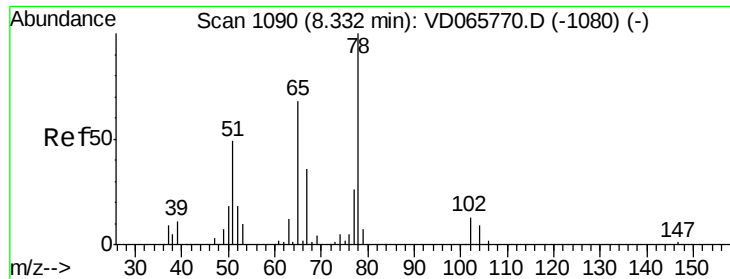


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.695 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

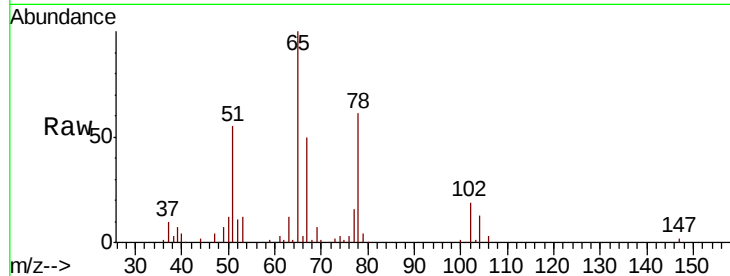
VD0612SBSD01

Tot Ion: 65 Resp: 101629

Ion Ratio Lower Upper

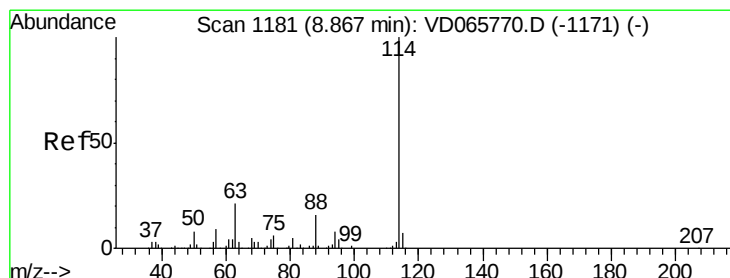
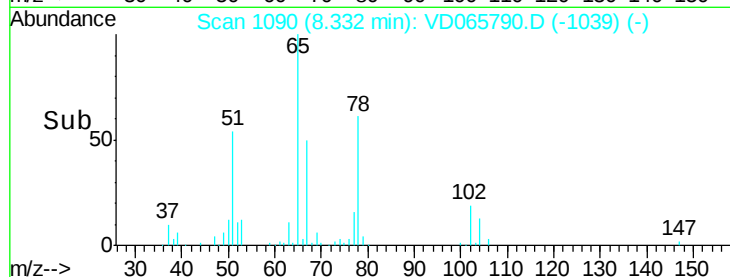
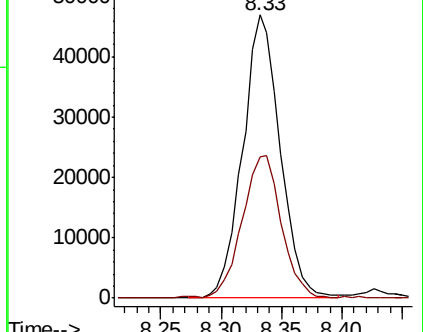
65 100

67 53.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

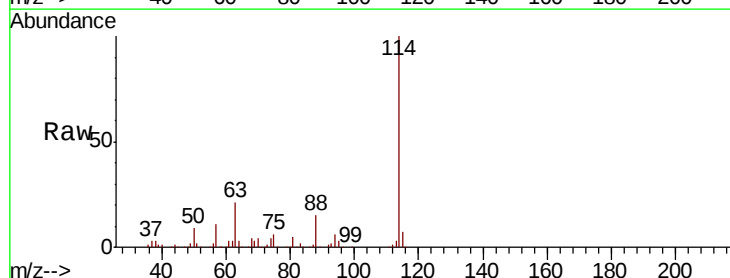
Tgt Ion: 114 Resp: 317613

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

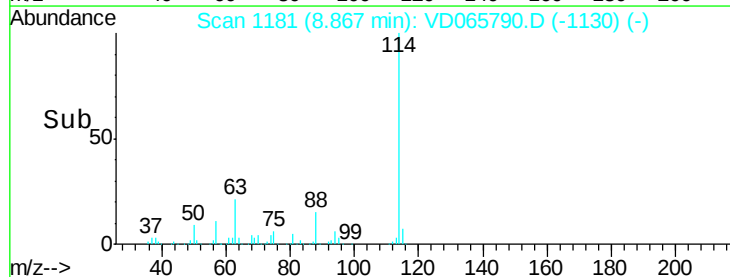
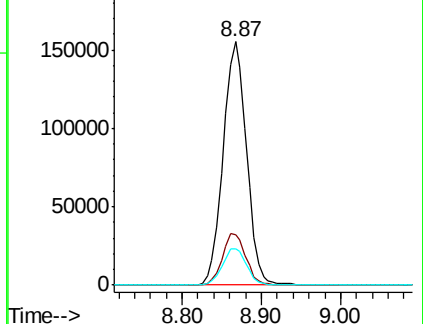
88 14.9 0.0 32.0

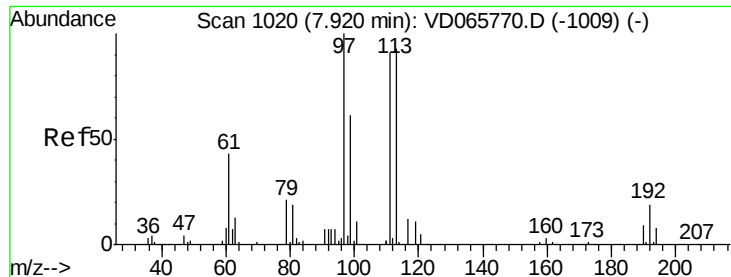


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

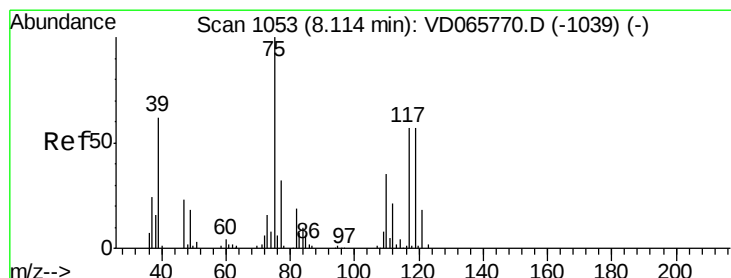
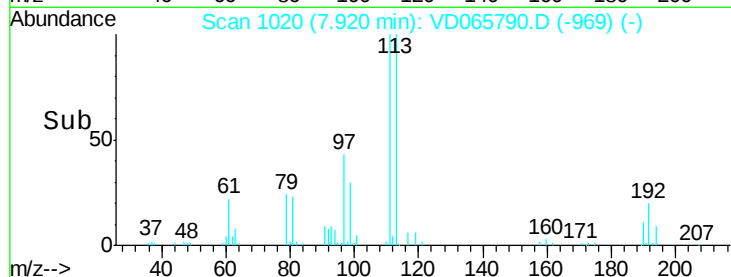
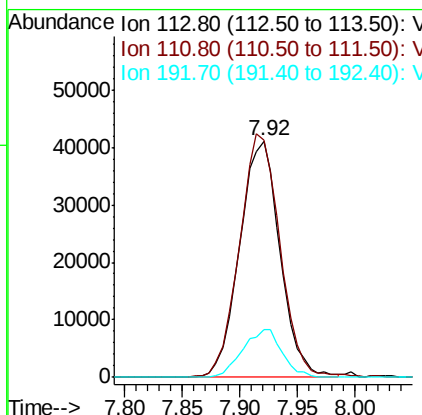
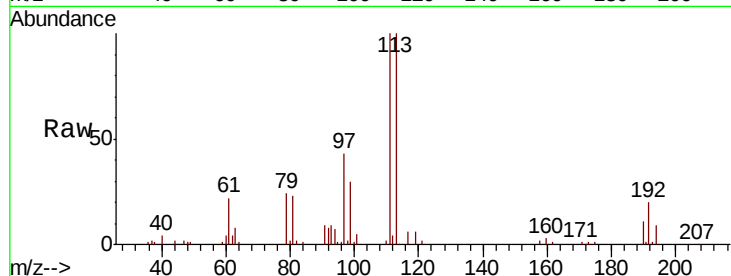




#35
 Dibromofluoromethane
 Concen: 49.786 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

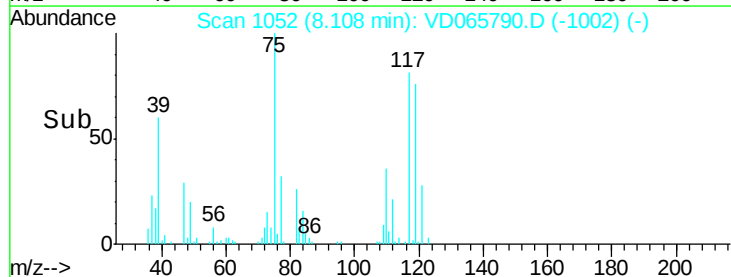
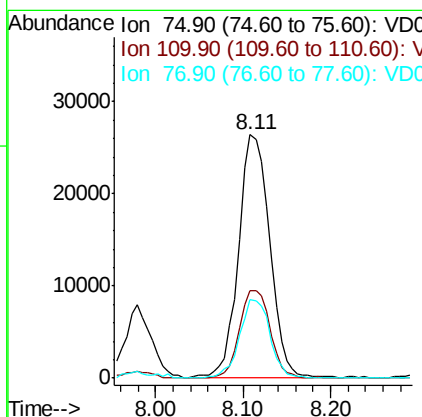
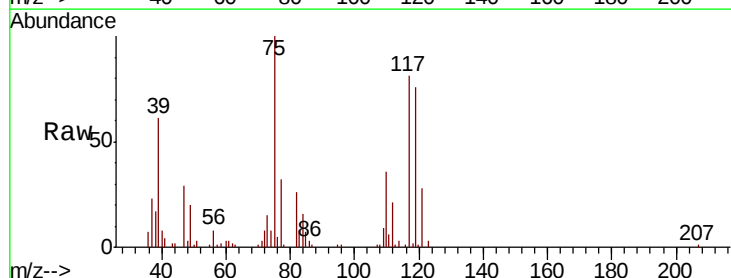
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

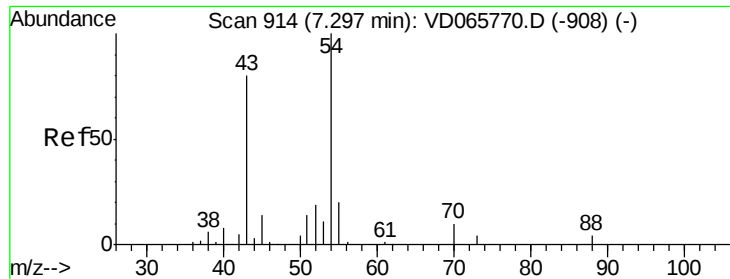
Tot Ion:113 Resp: 99882
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.0
 192 19.8 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 21.007 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 75 Resp: 63914
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.6 52.8
 77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 18.850 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

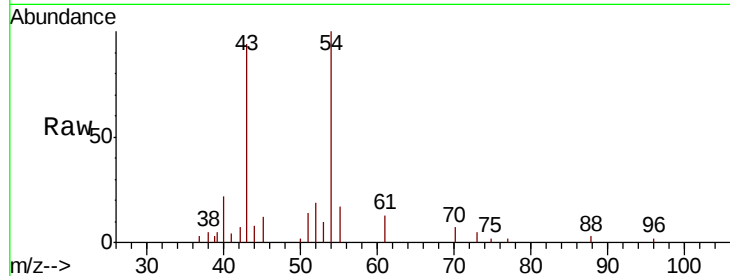
Tot Ion: 43 Resp: 22590

Ion Ratio Lower Upper

43 100

61 14.7 10.6 15.8

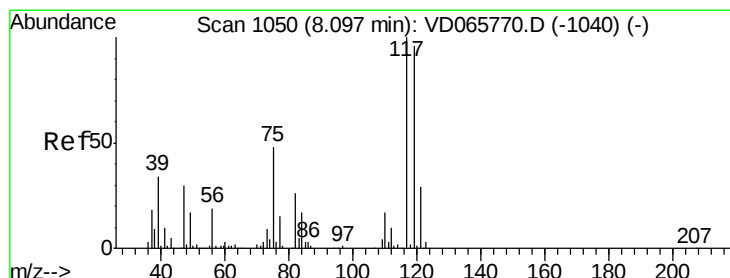
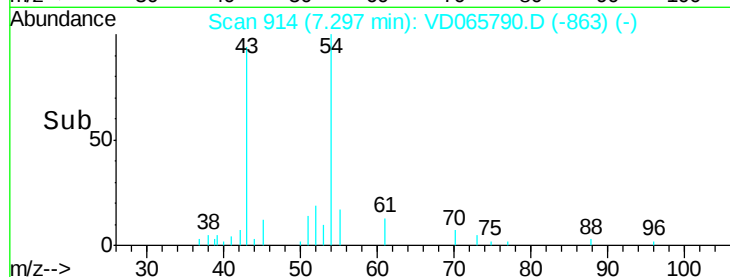
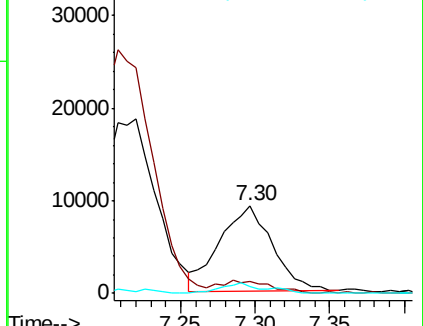
70 8.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 21.542 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

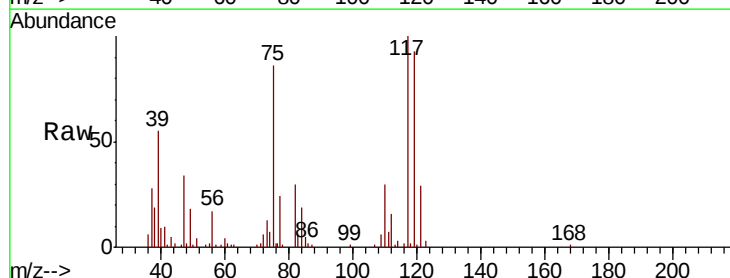
Tgt Ion: 117 Resp: 68978

Ion Ratio Lower Upper

117 100

119 92.6 76.8 115.2

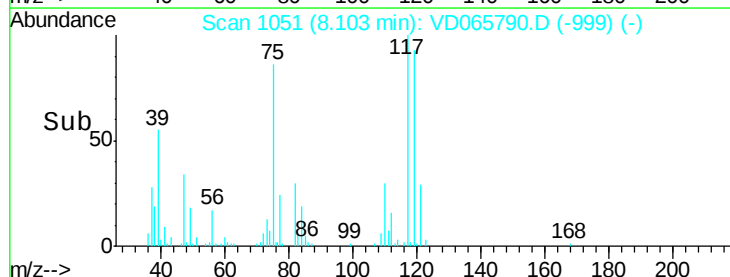
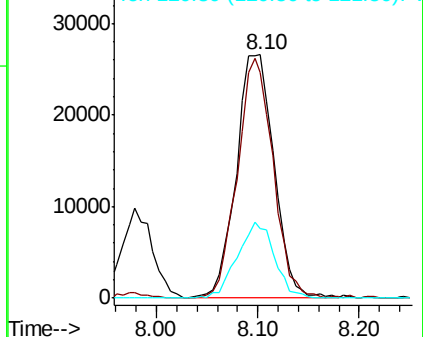
121 28.5 23.4 35.2

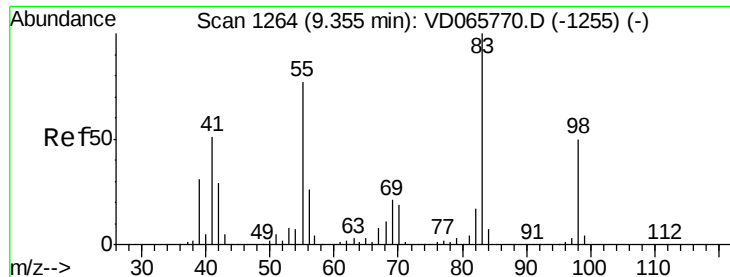


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

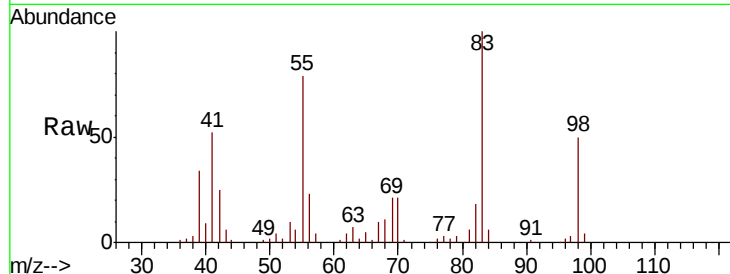




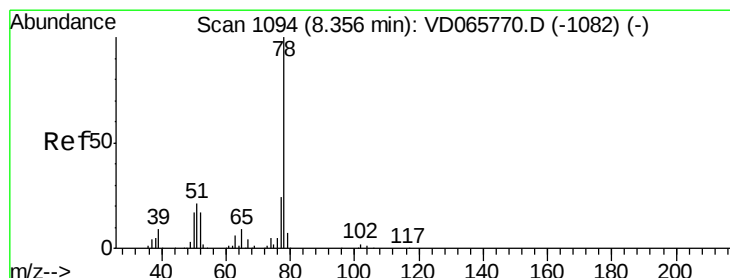
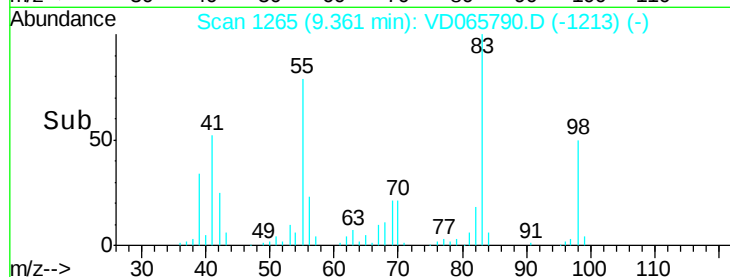
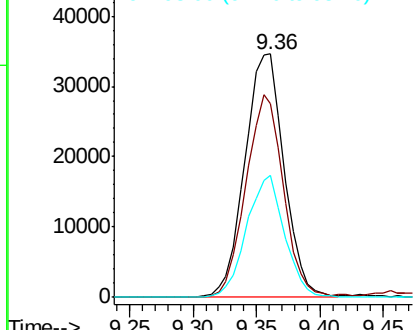
#39
Methvlcvclohexane
Concen: 20.753 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

Tot Ion: 83 Resp: 74759
Ion Ratio Lower Upper
83 100
55 79.4 61.6 92.4
98 50.1 40.2 60.2

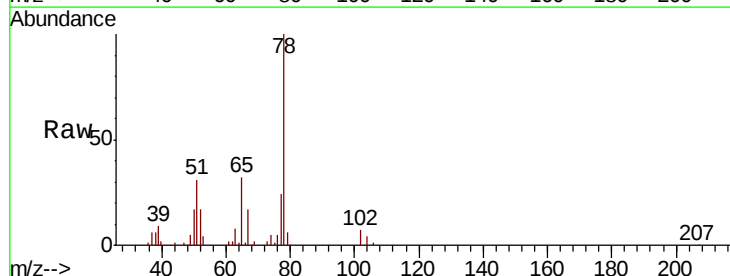


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

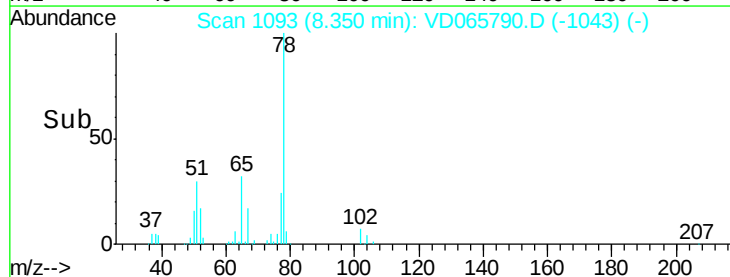
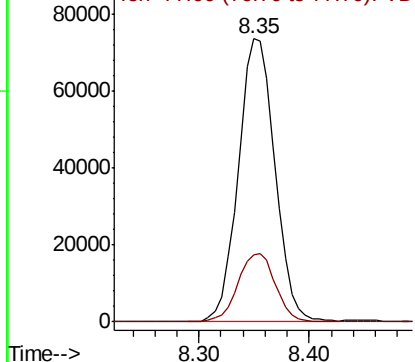


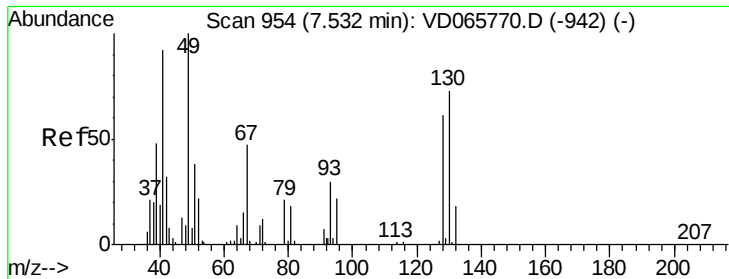
#40
Benzene
Concen: 20.649 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 78 Resp: 171749
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

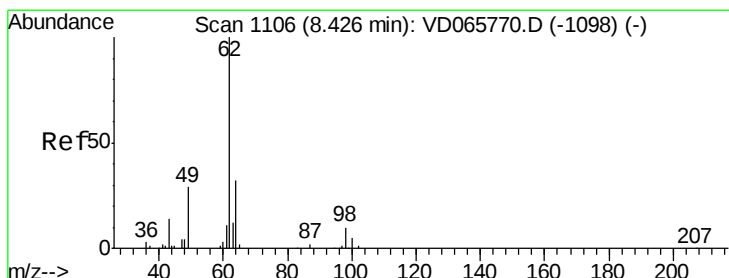
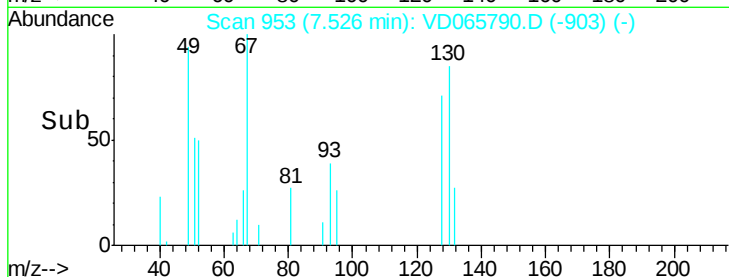
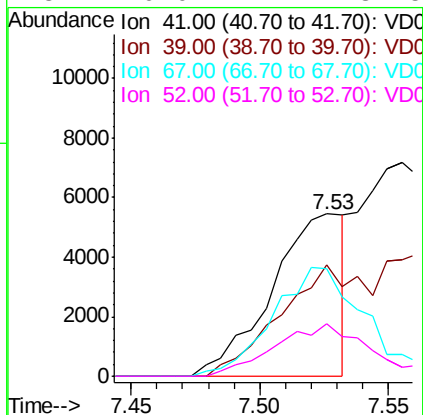
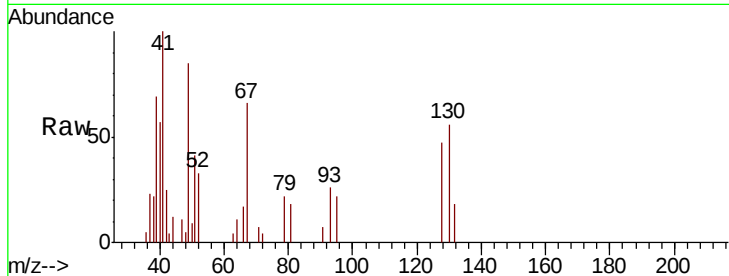




#41
Methacrylonitrile
Concen: 15.240 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

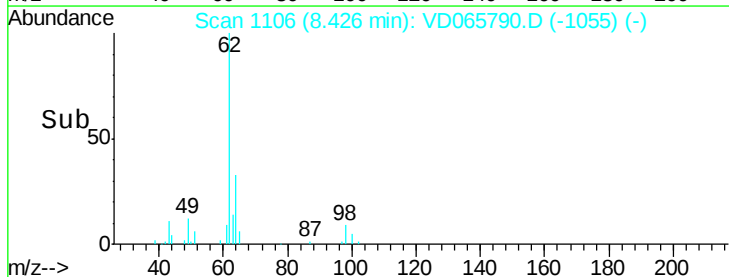
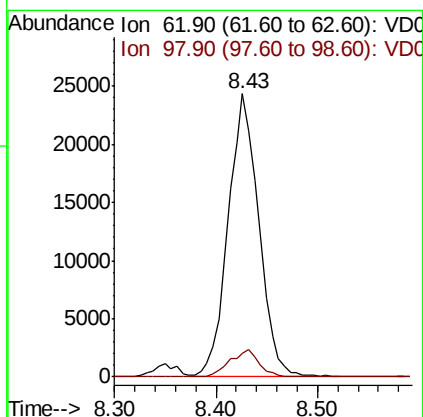
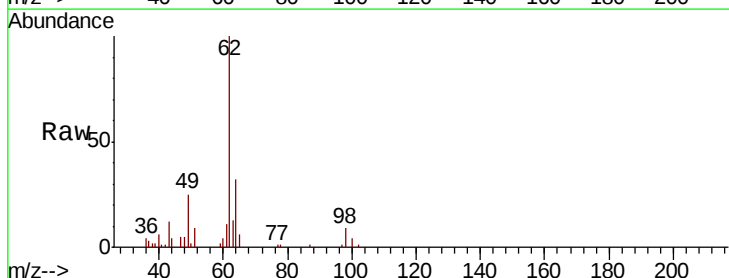
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

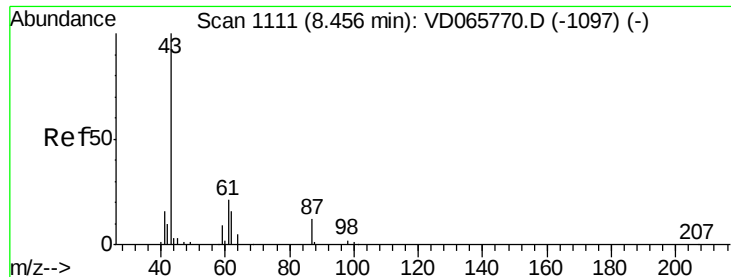
Tot Ion: 41 Resp: 10875
Ion Ratio Lower Upper
41 100
39 85.5 38.3 57.5#
67 0.0 49.8 74.6#
52 0.0 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 20.385 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 62 Resp: 51159
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.848 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

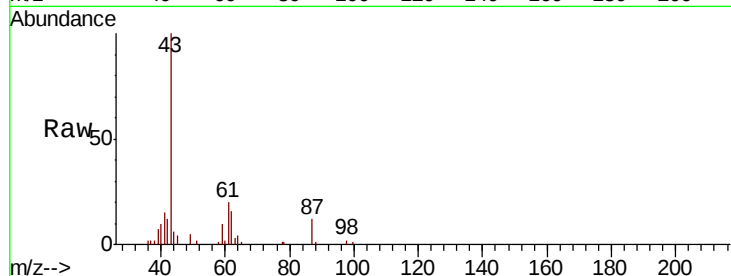
Tot Ion: 43 Resp: 44915

Ion Ratio Lower Upper

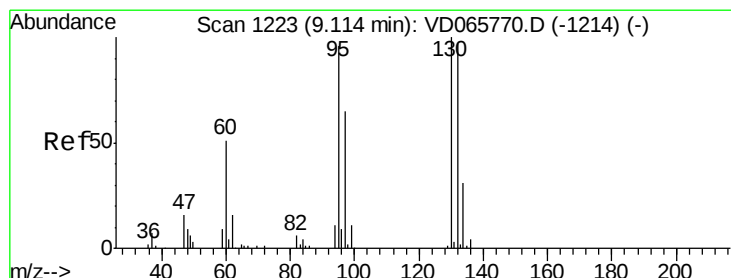
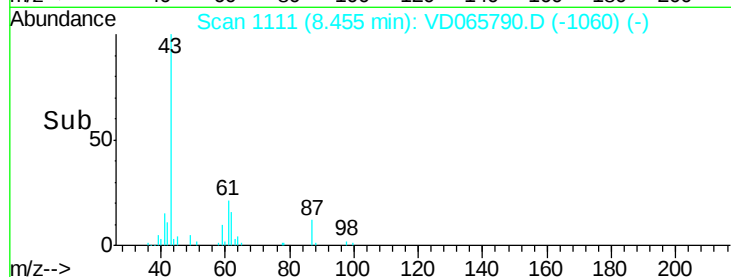
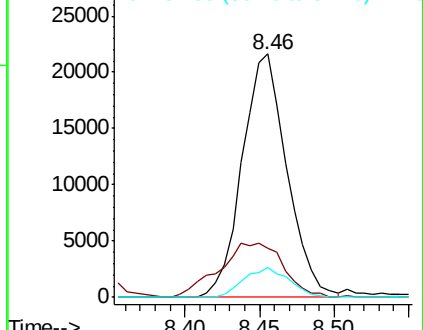
43 100

61 31.9 24.2 36.4

87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.719 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065790.D

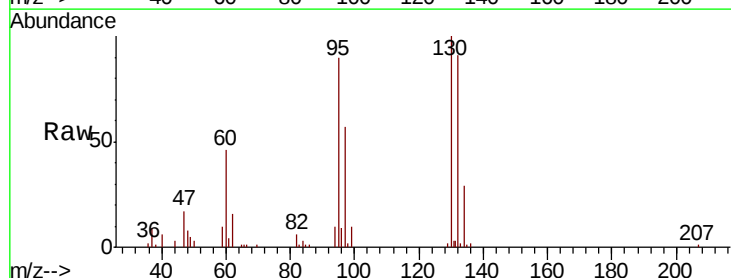
Acq: 12 Jun 2020 12:23

Tgt Ion: 130 Resp: 47958

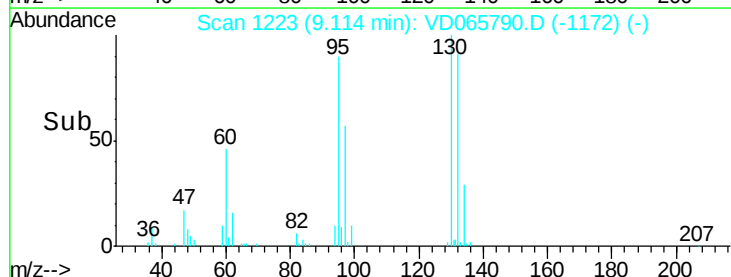
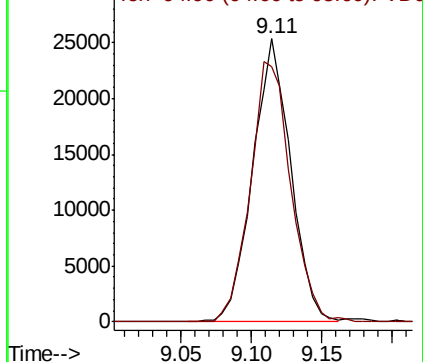
Ion Ratio Lower Upper

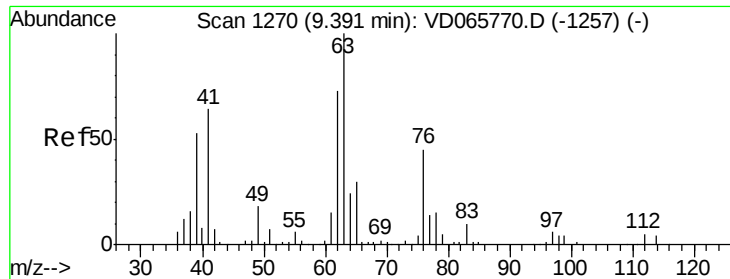
130 100

95 90.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.057 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

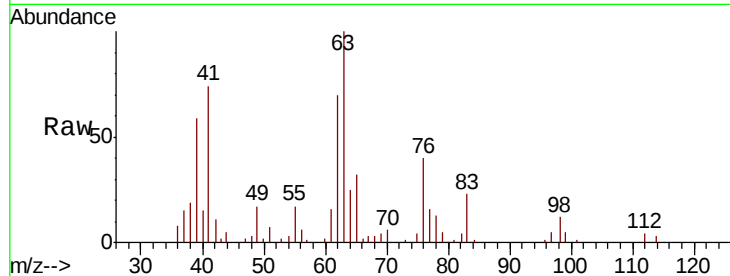
VD0612SBSD01

Tot Ion: 63 Resp: 41918

Ion Ratio Lower Upper

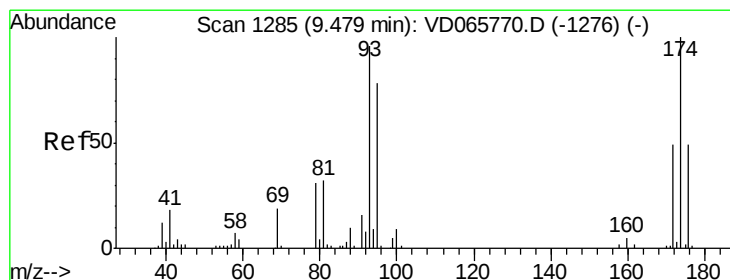
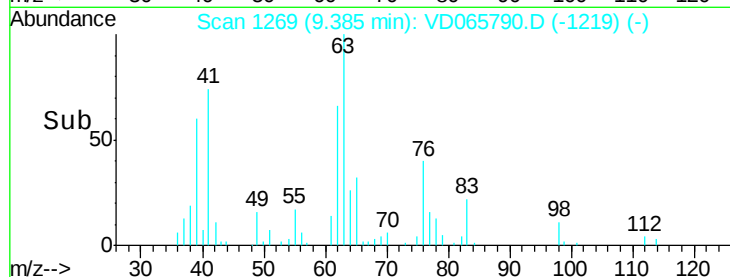
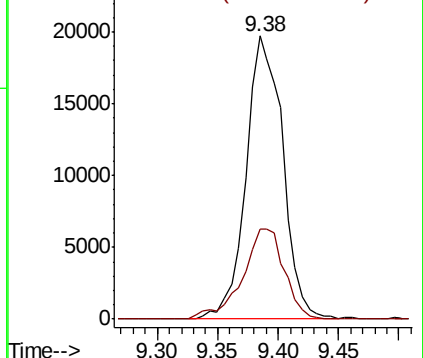
63 100

65 31.6 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.490 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

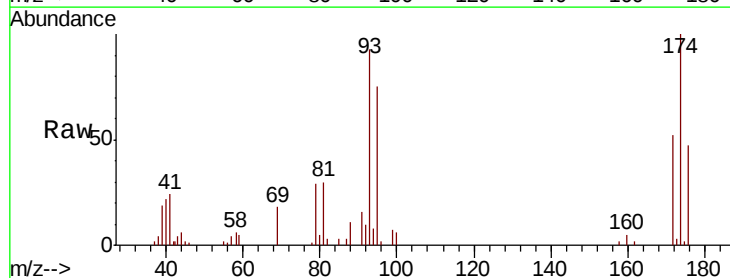
Tgt Ion: 93 Resp: 22091

Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

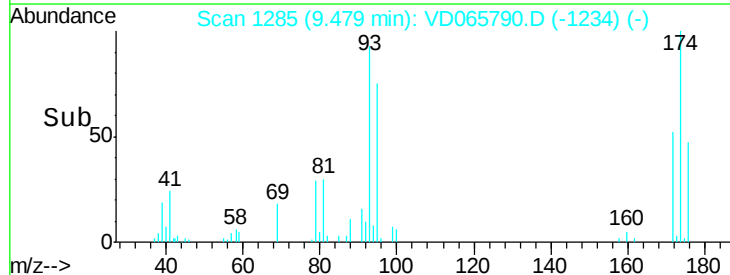
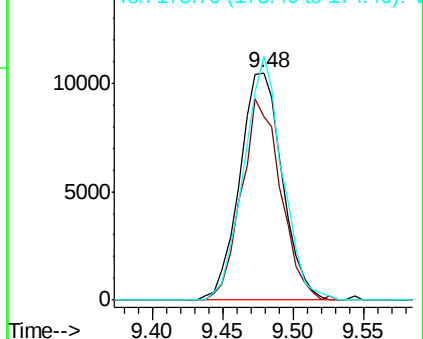
174 97.3 80.9 121.3

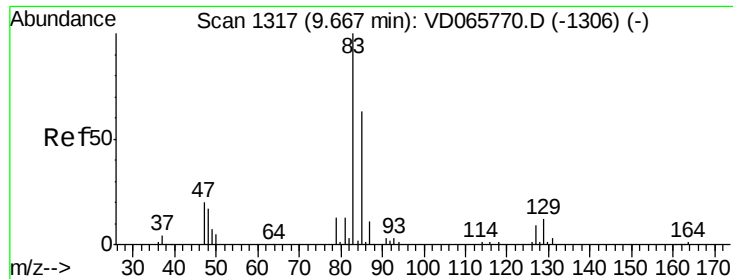


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

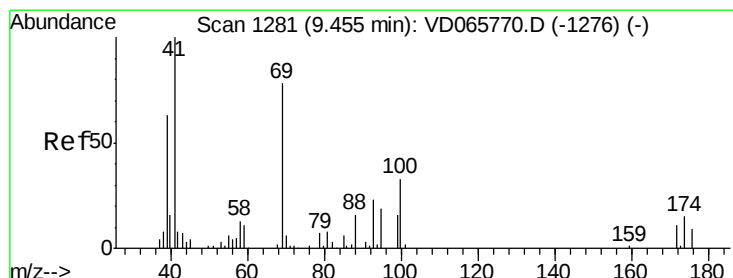
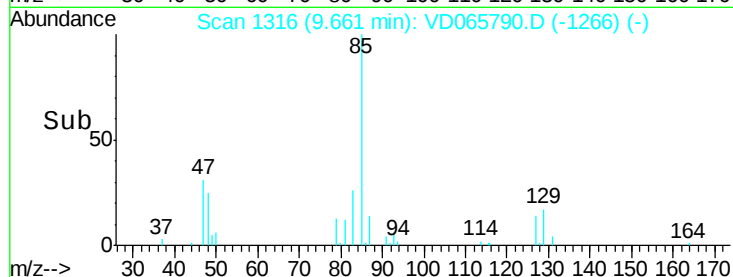
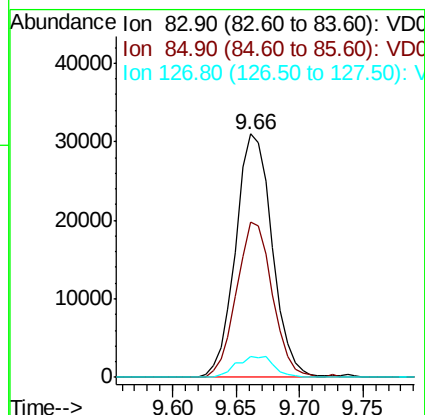
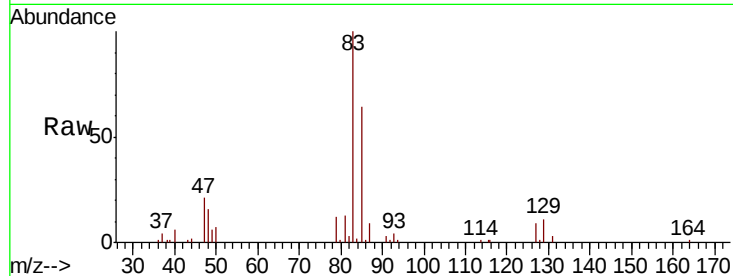




#47
Bromodichloromethane
Concen: 20.478 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

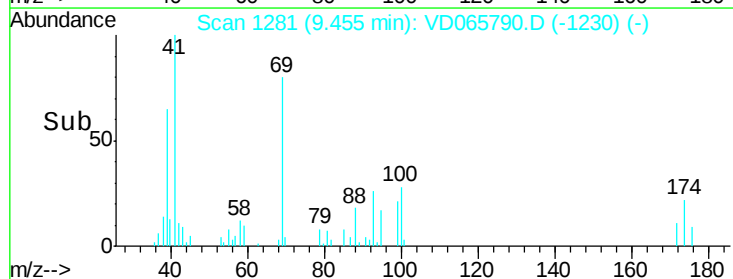
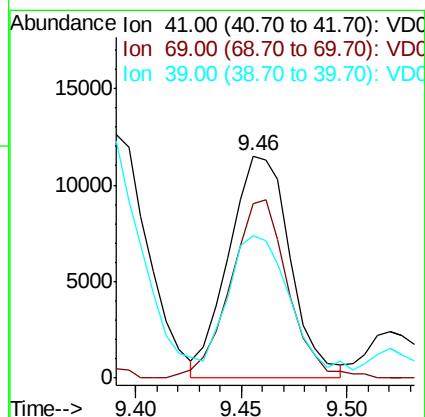
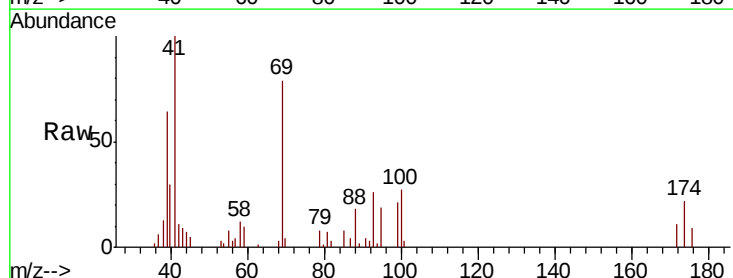
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

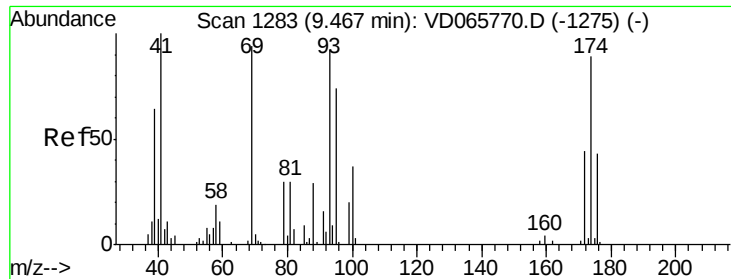
Tot Ion: 83 Resp: 62198
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.126 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 41 Resp: 23215
Ion Ratio Lower Upper
41 100
69 75.2 60.9 91.3
39 57.9 48.1 72.1





#49

1,4-Dioxane

Concen: 411.205 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

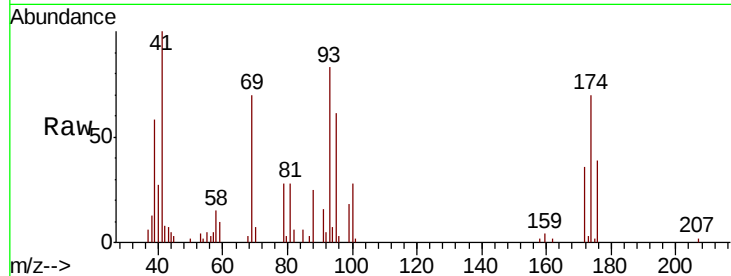
Tot Ion: 88 Resp: 4961

Ion Ratio Lower Upper

88 100

43 38.0 32.2 48.4

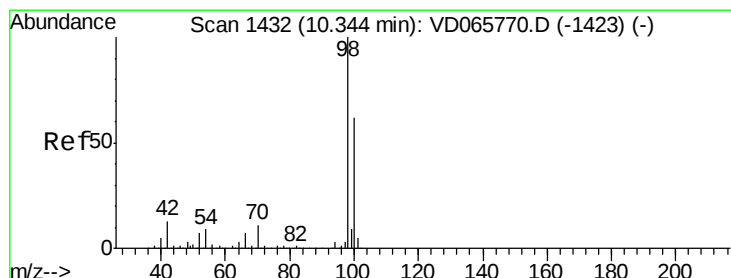
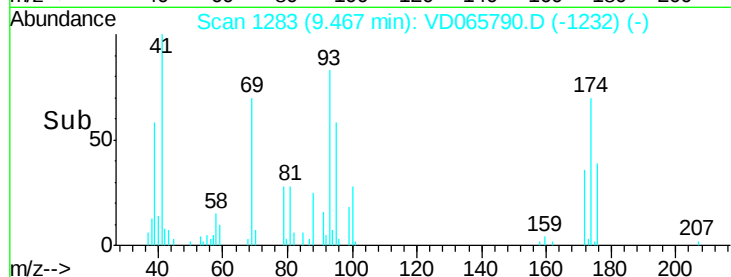
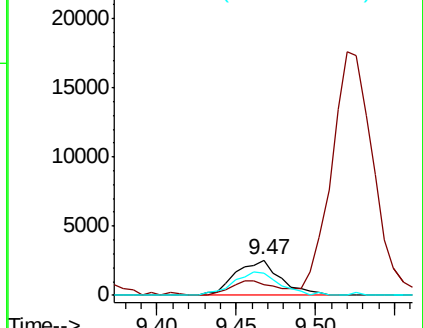
58 67.6 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065790.D

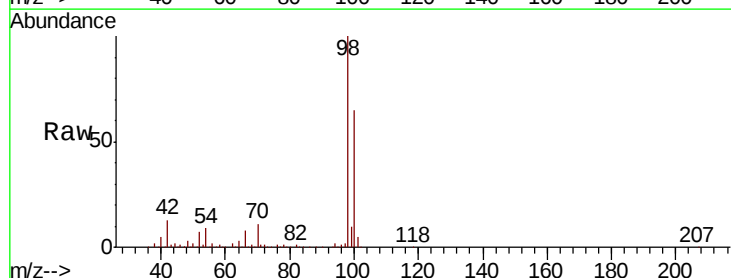
Acq: 12 Jun 2020 12:23

Tgt Ion: 98 Resp: 384873

Ion Ratio Lower Upper

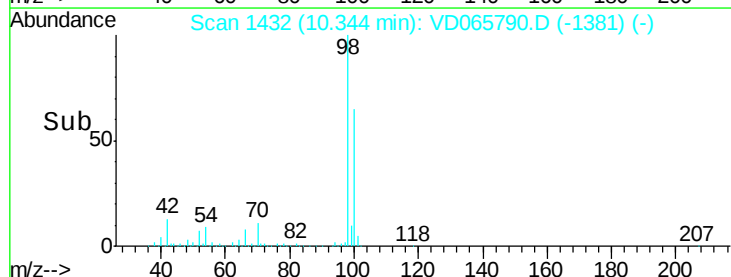
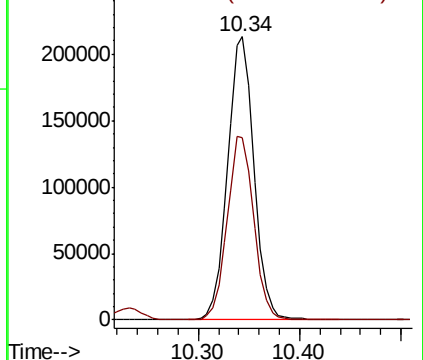
98 100

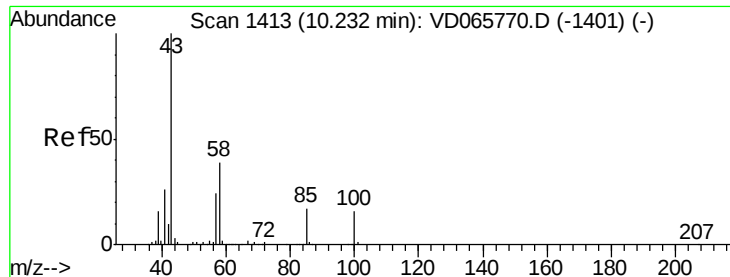
100 65.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 95.300 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

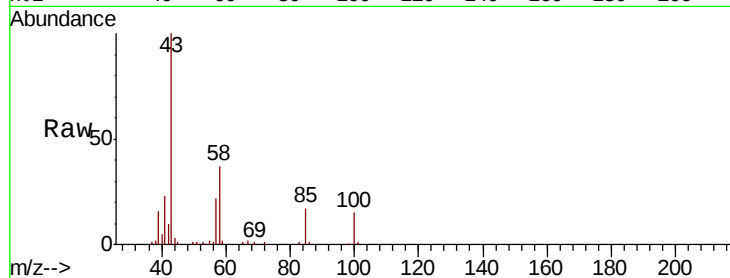
VD0612SBSD01

Tot Ion: 43 Resp: 111284

Ion Ratio Lower Upper

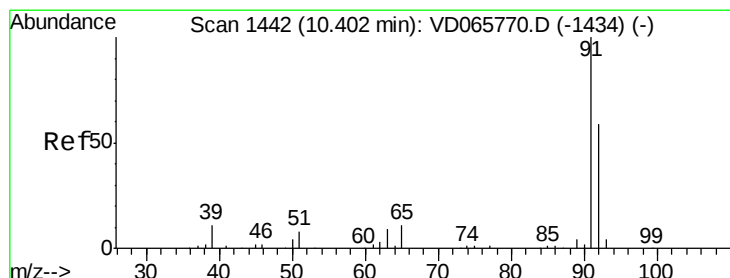
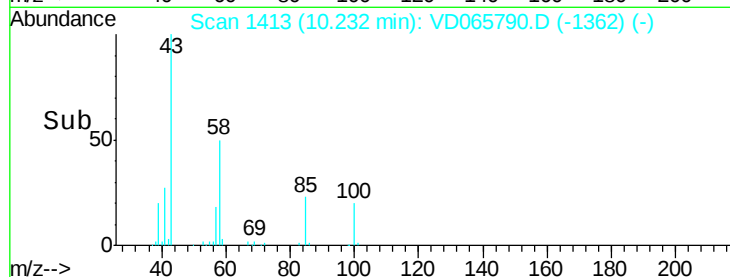
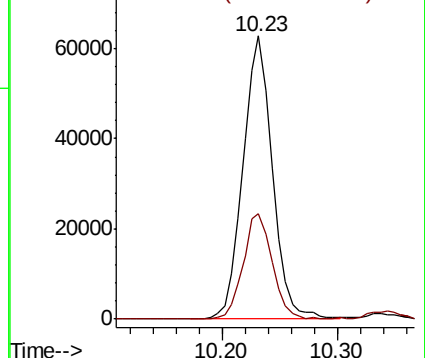
43 100

58 36.6 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.947 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065790.D

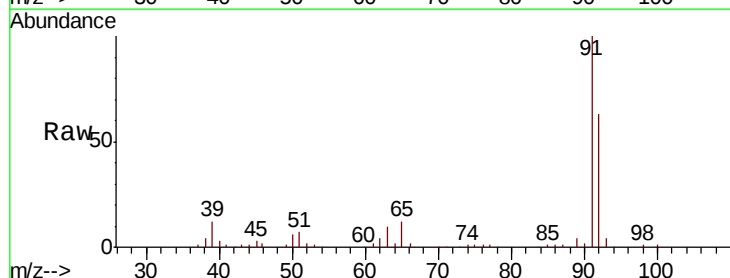
Acq: 12 Jun 2020 12:23

Tgt Ion: 92 Resp: 113206

Ion Ratio Lower Upper

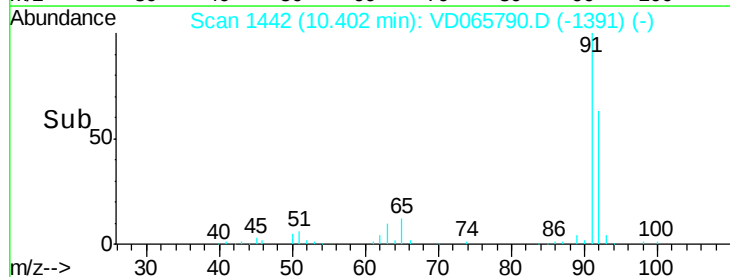
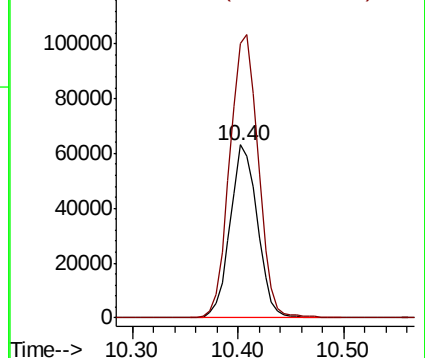
92 100

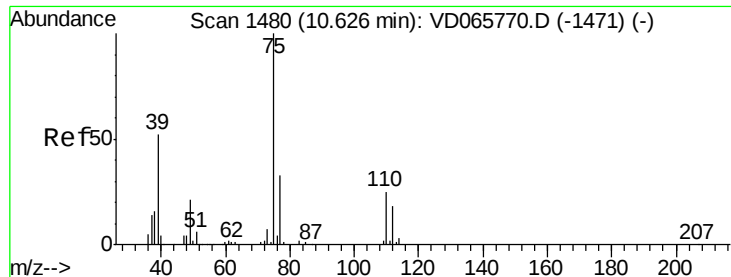
91 170.1 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.973 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

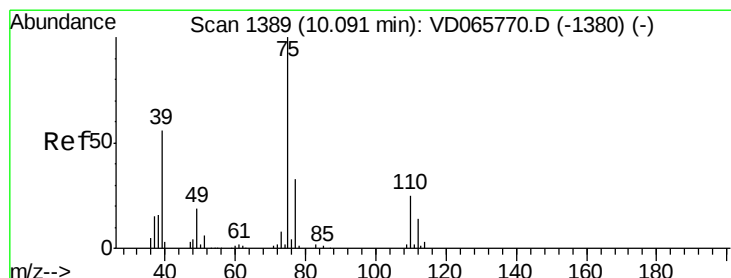
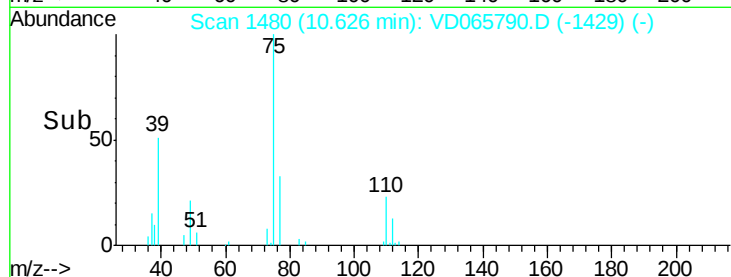
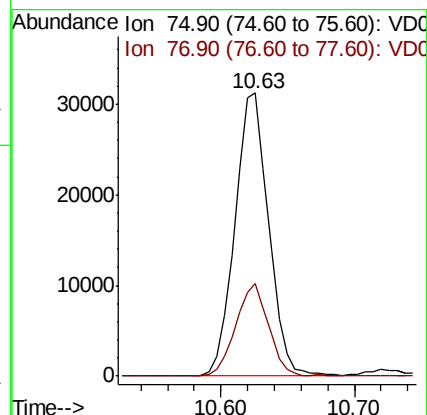
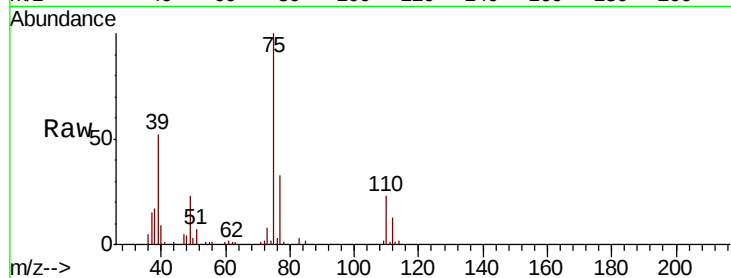
VD0612SBSD01

Tot Ion: 75 Resp: 54934

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.264 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

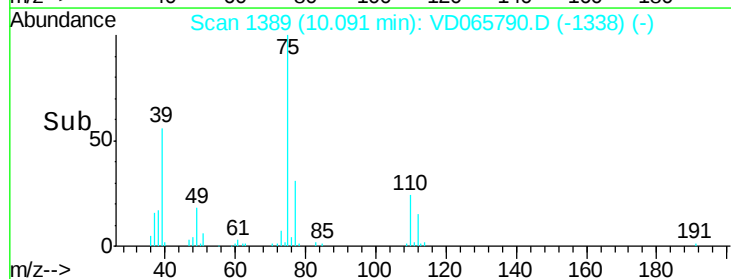
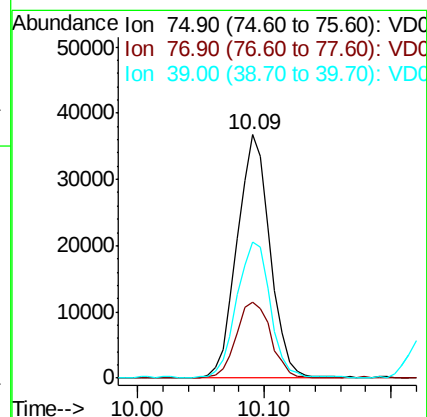
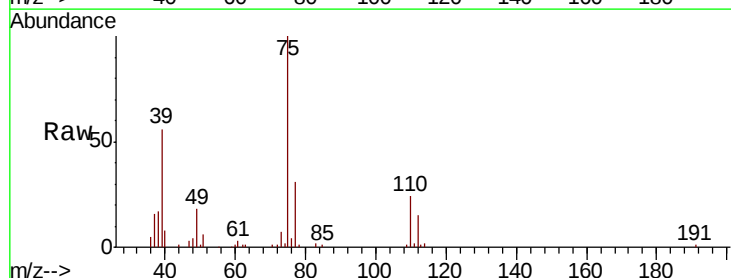
Tgt Ion: 75 Resp: 65826

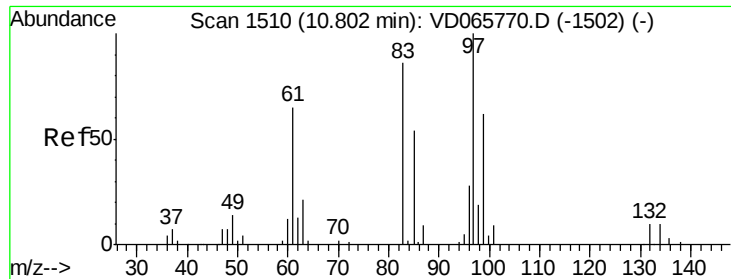
Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

39 56.1 45.0 67.6

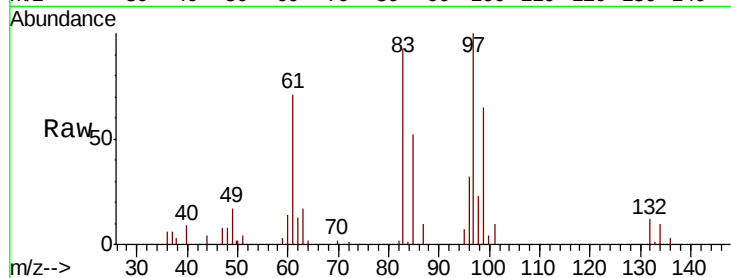




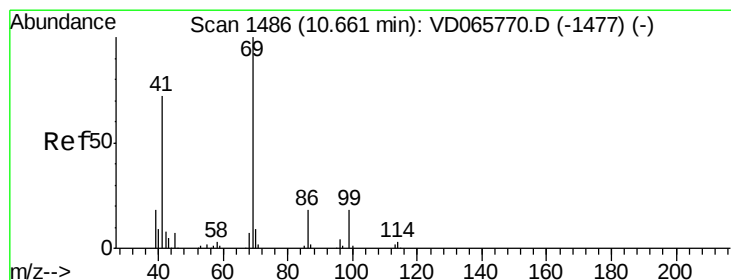
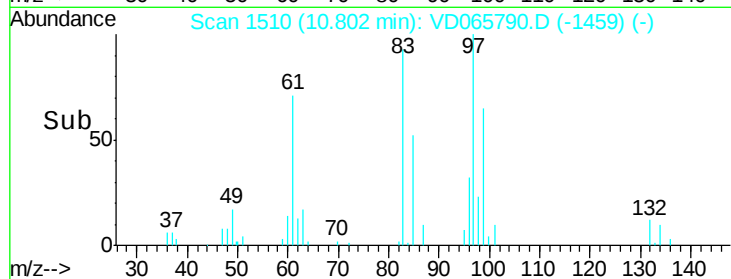
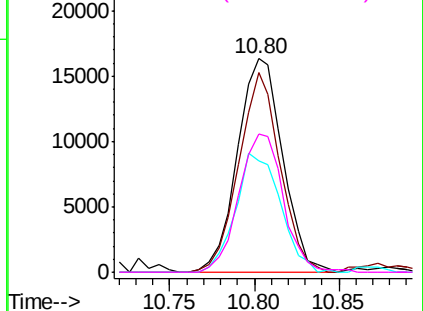
#55
 1,1,2-Trichloroethane
 Concen: 20.094 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

Tot Ion: 97 Resp: 30433
 Ion Ratio Lower Upper
 97 100
 83 93.3 68.7 103.1
 85 52.4 43.0 64.6
 99 64.6 49.8 74.6

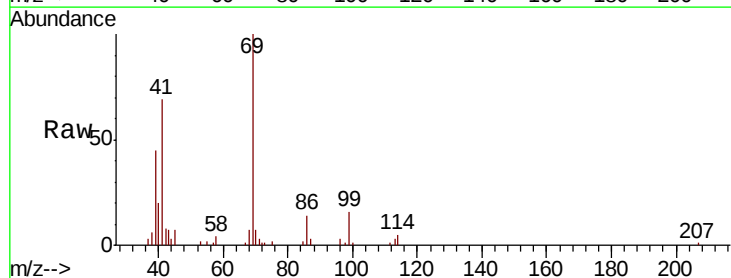


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

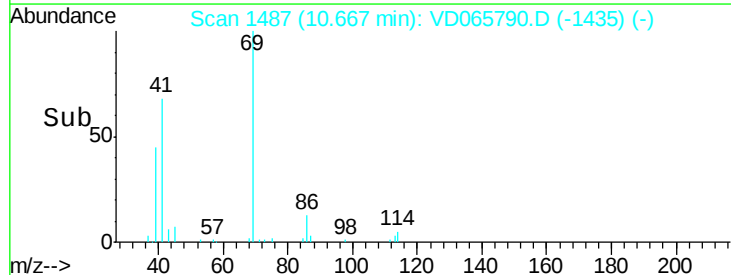
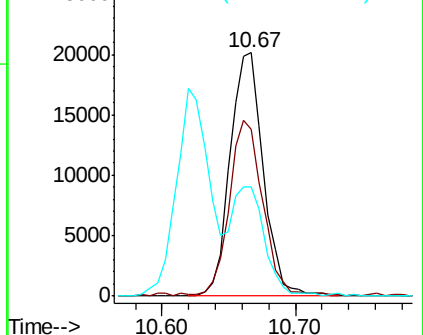


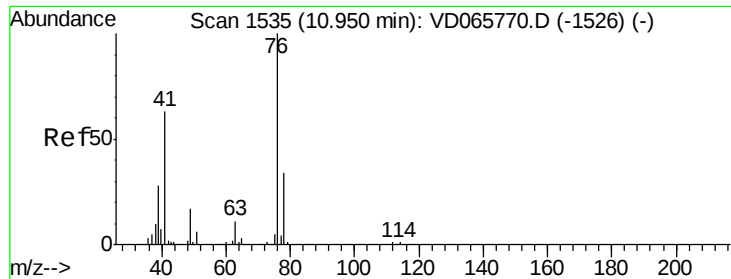
#56
 Ethyl methacrylate
 Concen: 19.591 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 69 Resp: 34899
 Ion Ratio Lower Upper
 69 100
 41 74.1 56.9 85.3
 39 46.4 36.0 54.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

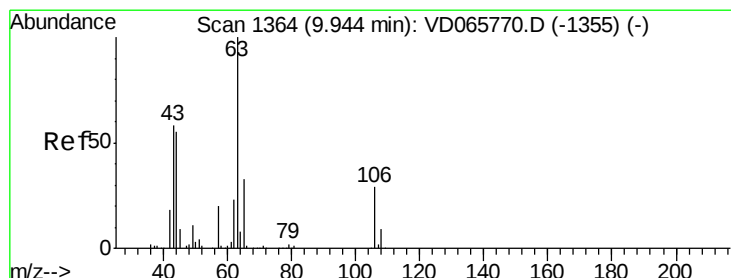
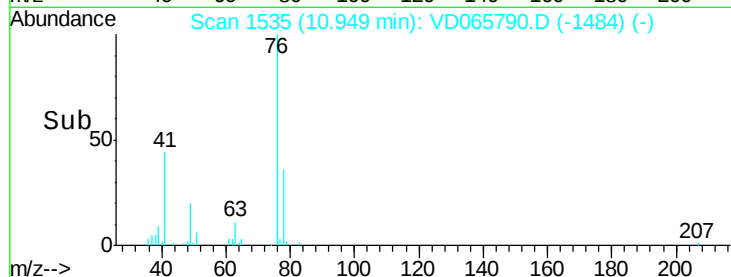
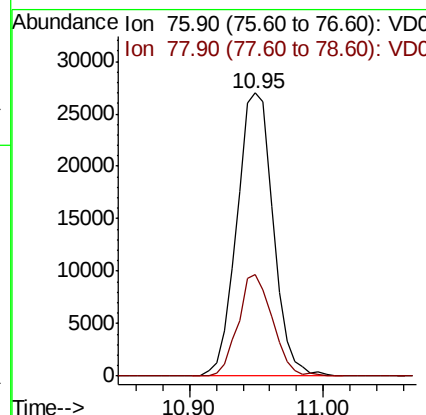
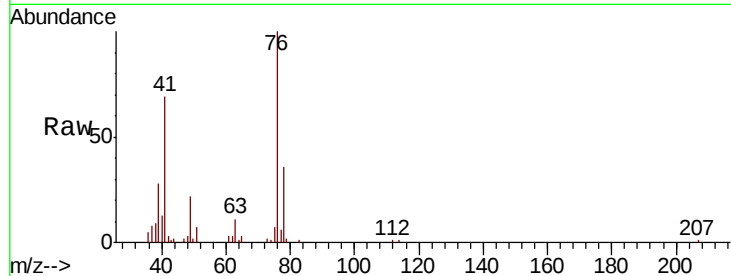




#57
 1,3-Dichloropropane
 Concen: 19.358 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

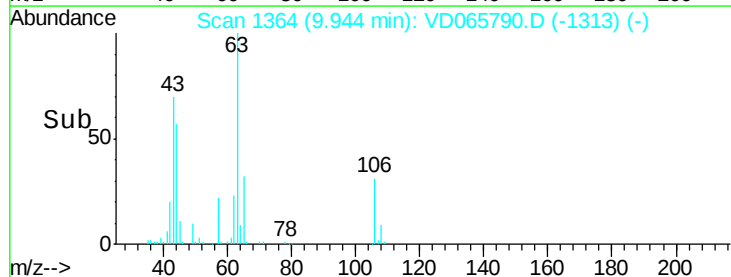
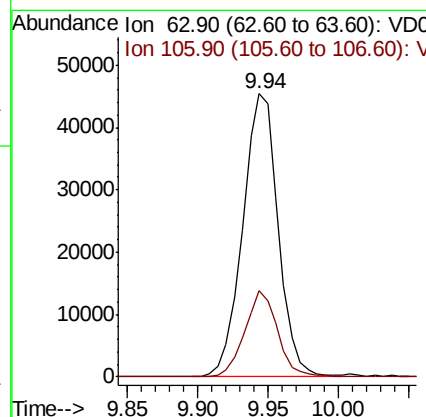
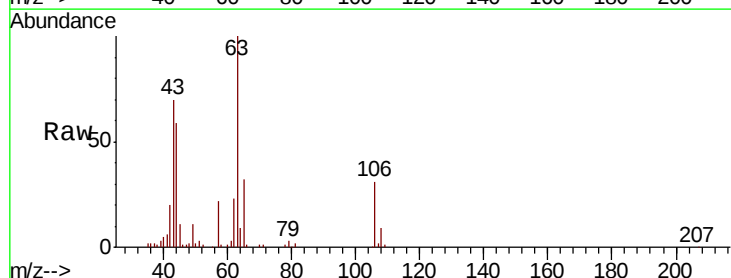
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

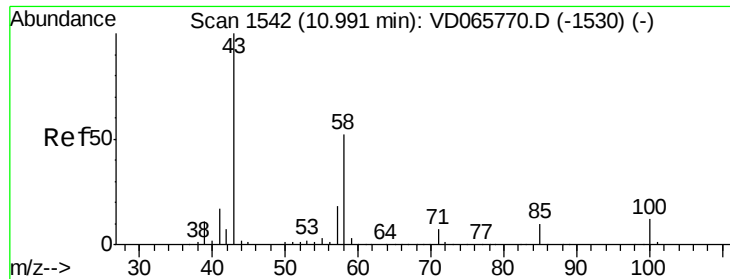
Tot Ion: 76 Resp: 50793
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.373 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 63 Resp: 79815
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8

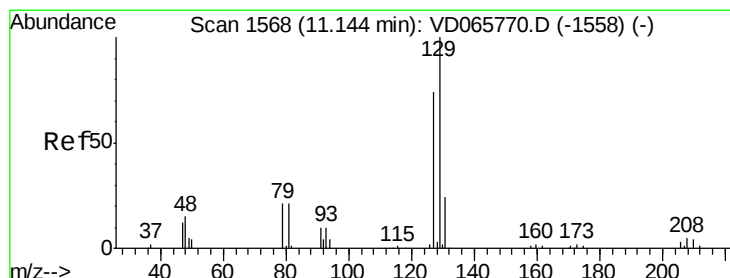
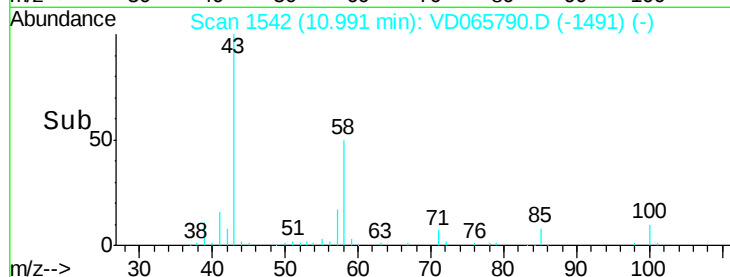
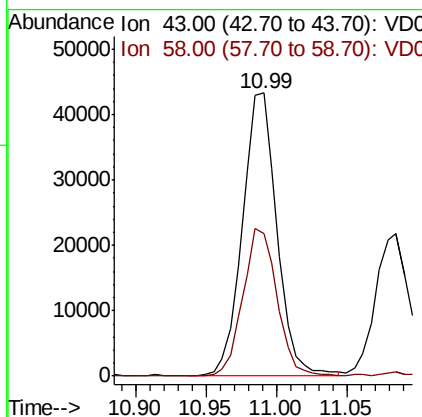
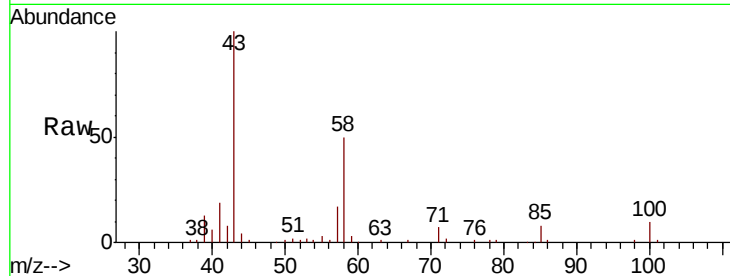




#59
2-Hexanone
Concen: 94.344 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

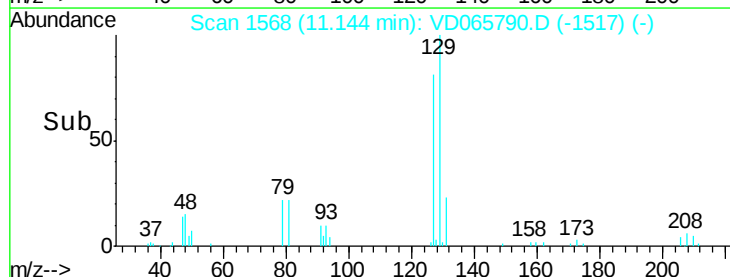
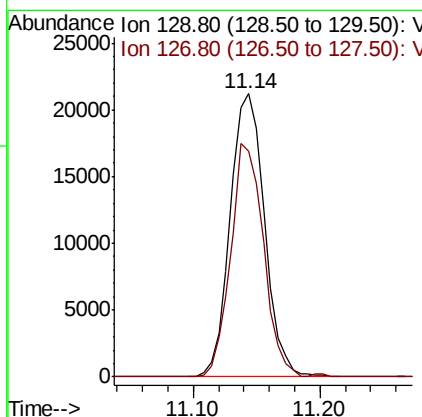
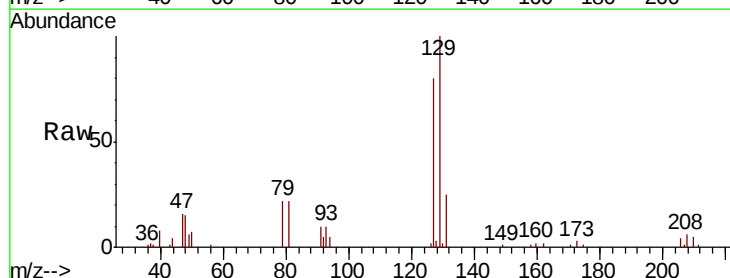
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

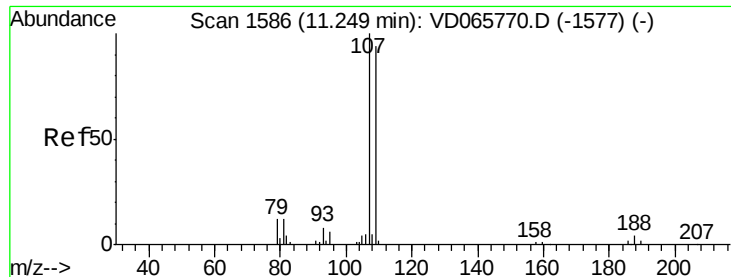
Tot Ion: 43 Resp: 74274
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0



#60
Dibromochloromethane
Concen: 19.430 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 129 Resp: 39753
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9

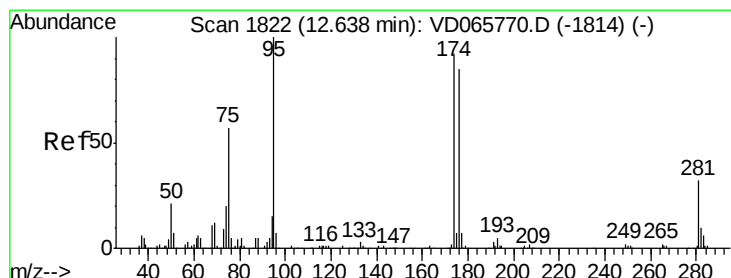
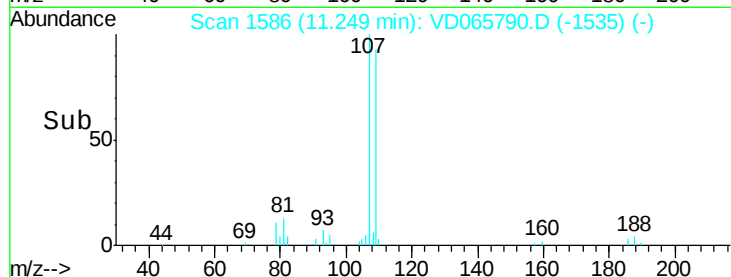
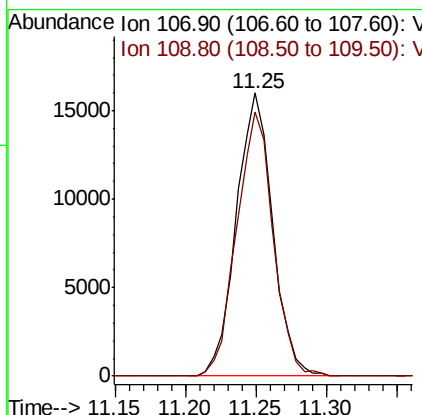
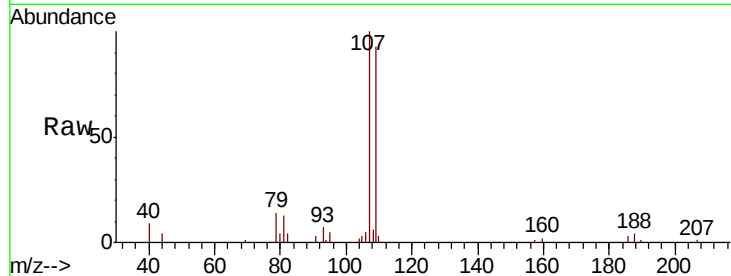




#61
 1,2-Dibromoethane
 Concen: 19.326 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

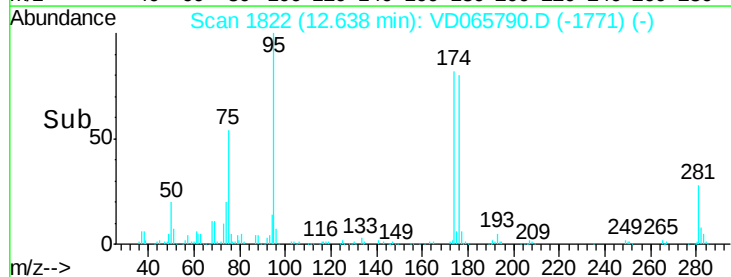
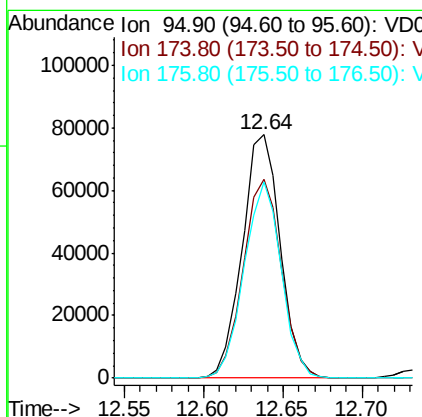
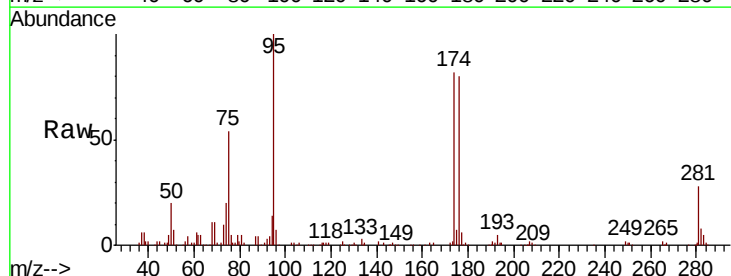
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

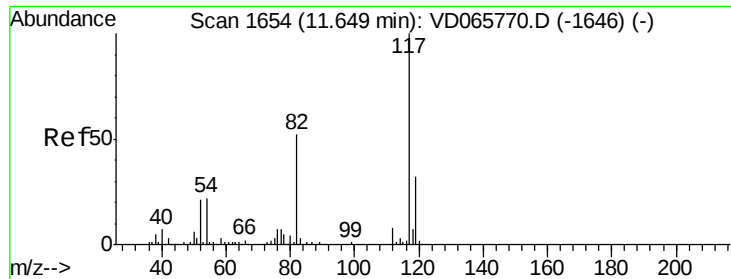
Tot Ion:107 Resp: 28765
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 51.204 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 95 Resp: 129907
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 175.2
 176 78.5 0.0 163.0

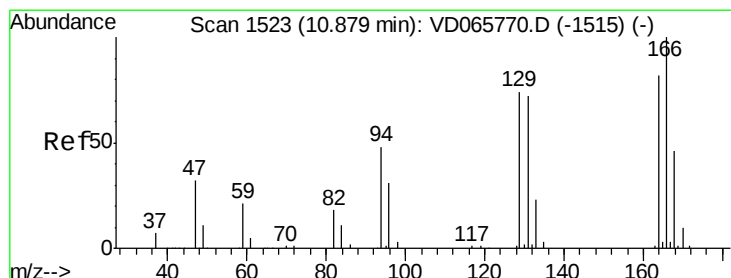
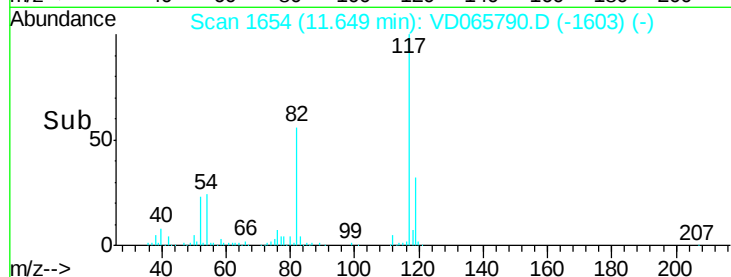
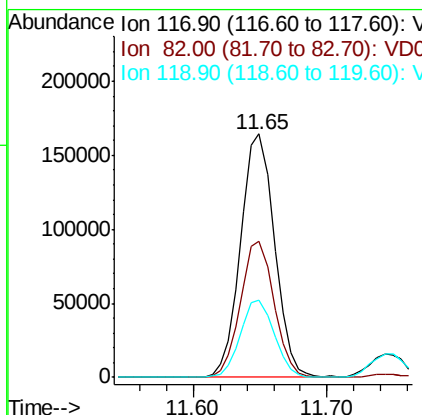
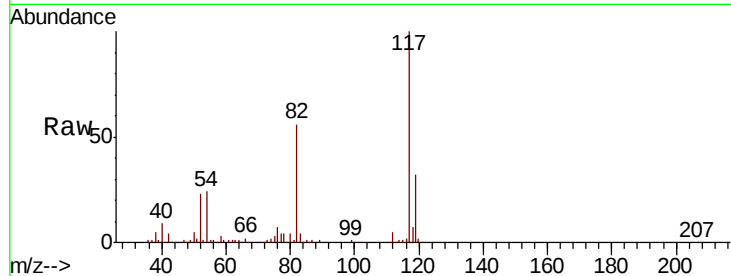




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

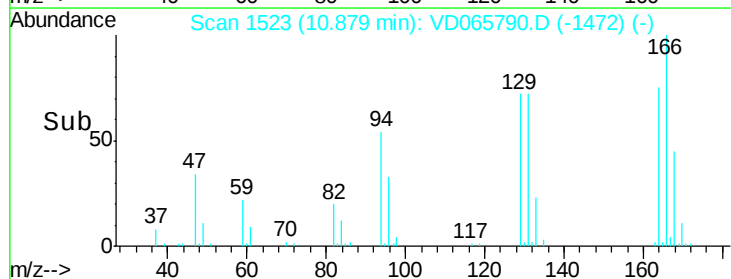
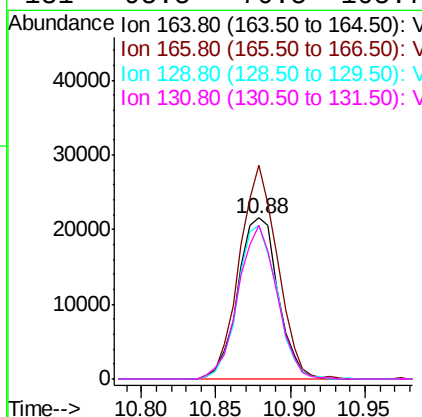
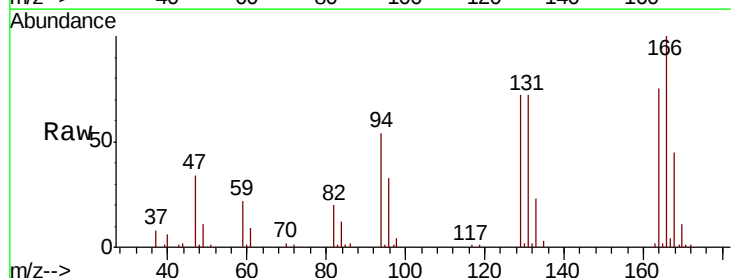
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

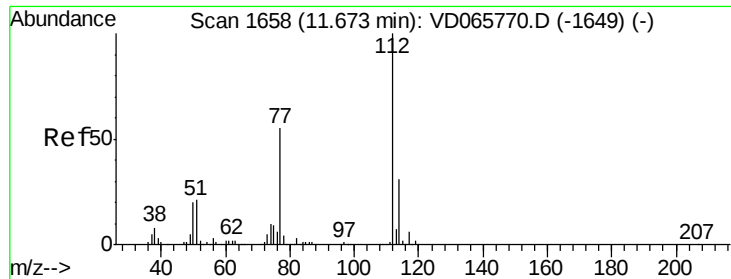
Tot Ion:117 Resp: 289684
Ion Ratio Lower Upper
117 100
82 56.0 41.9 62.9
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 20.549 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion:164 Resp: 40253
Ion Ratio Lower Upper
164 100
166 132.8 98.2 147.2
129 95.1 72.3 108.5
131 95.5 70.5 105.7

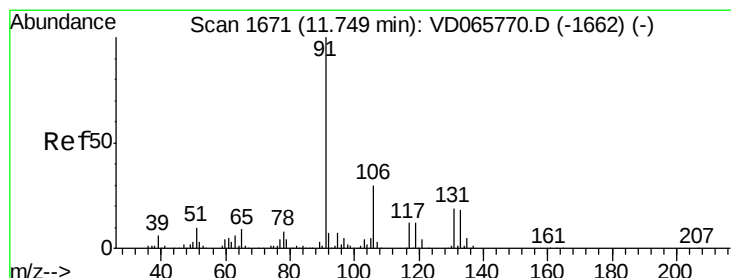
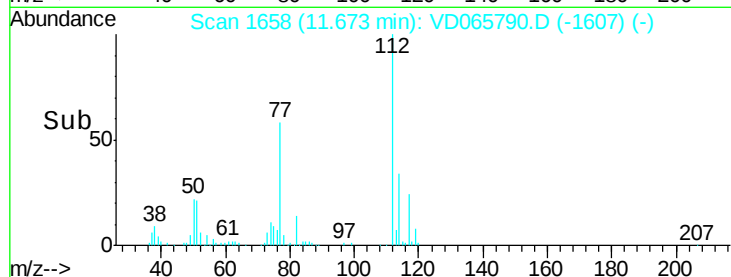
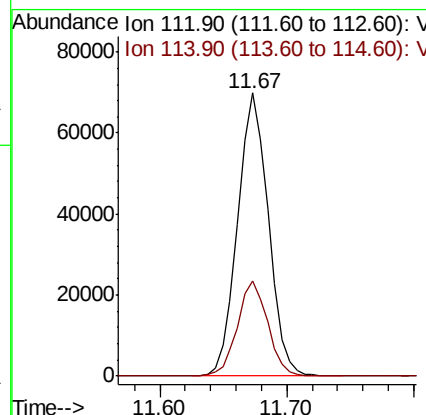
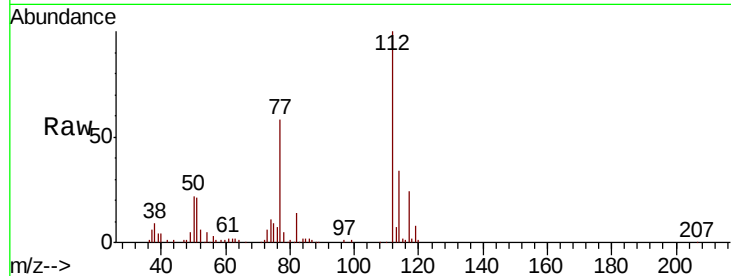




#65
Chlorobenzene
Concen: 20.733 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

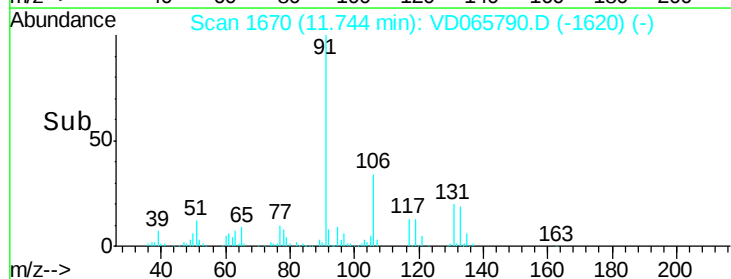
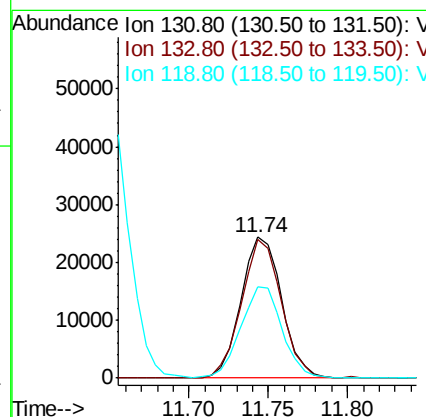
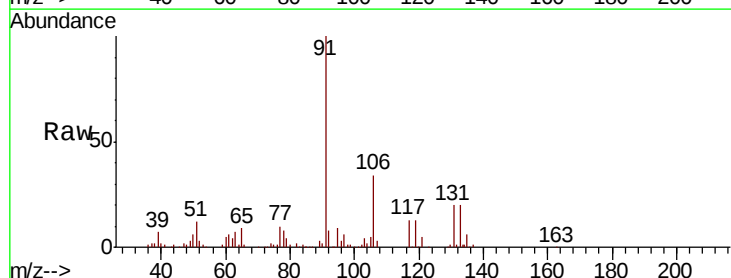
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

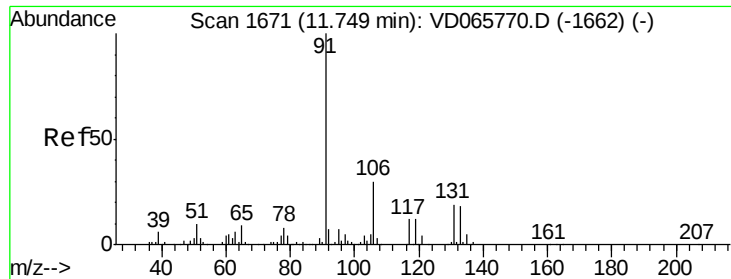
Tot Ion:112 Resp: 117250
Ion Ratio Lower Upper
112 100
114 33.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.576 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion:131 Resp: 43376
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.9
119 65.9 31.6 94.8

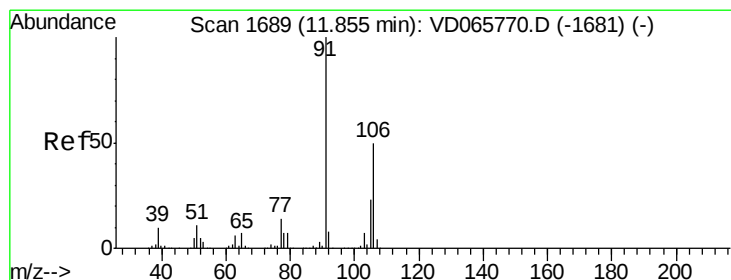
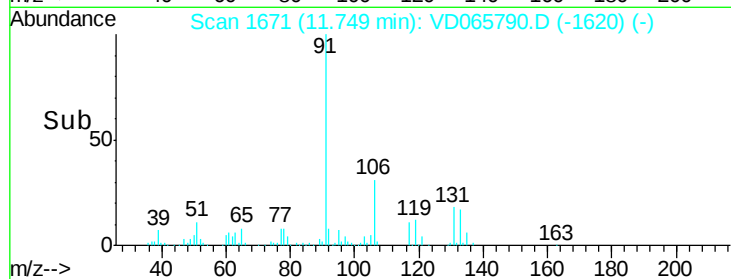
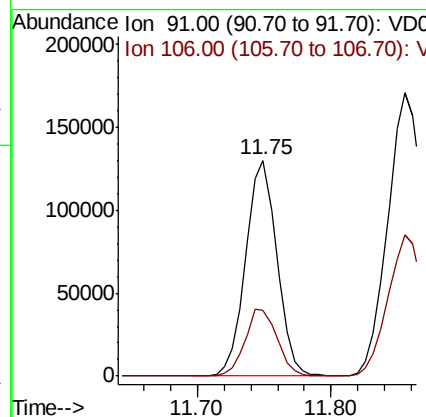
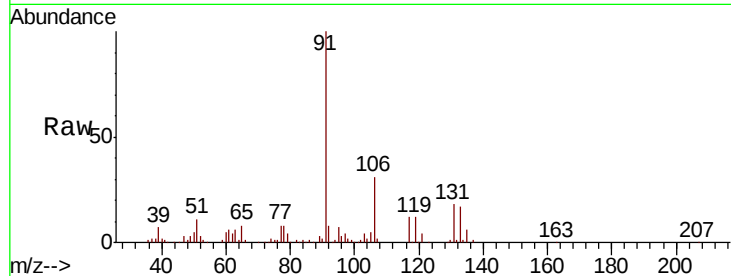




#67
Ethyl Benzene
Concen: 20.789 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

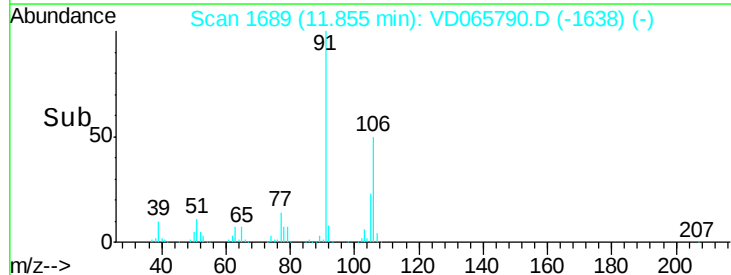
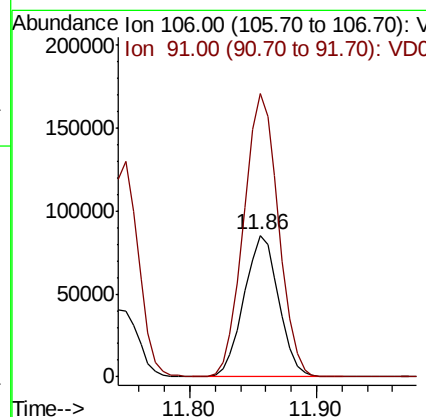
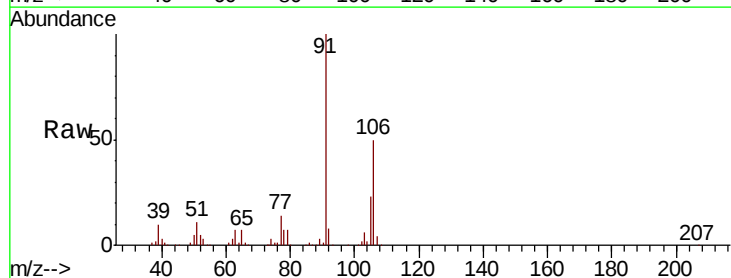
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

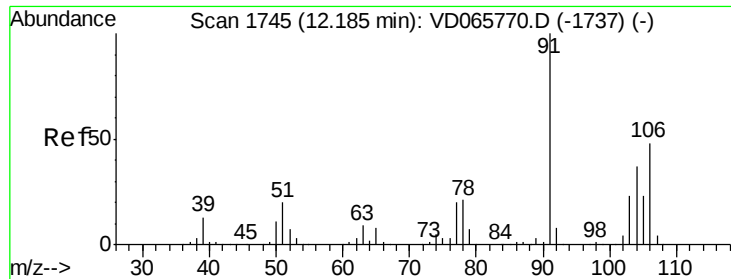
Tot Ion: 91 Resp: 210023
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 41.551 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 106 Resp: 161695
Ion Ratio Lower Upper
106 100
91 200.6 159.4 239.2

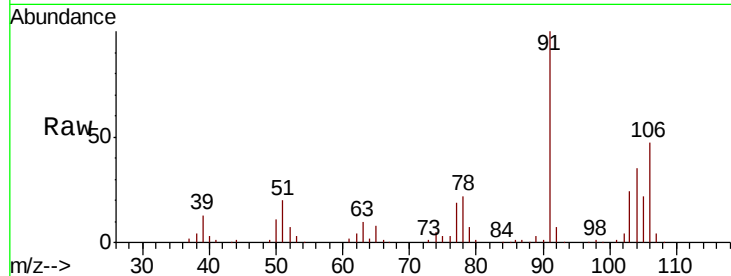




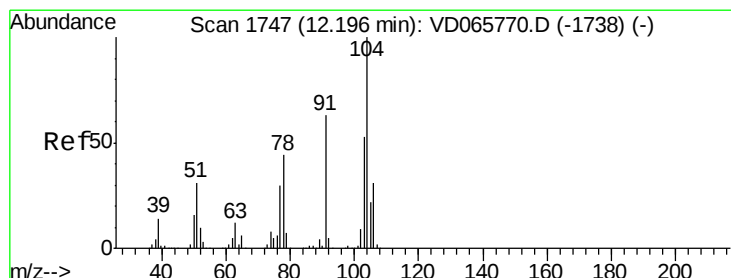
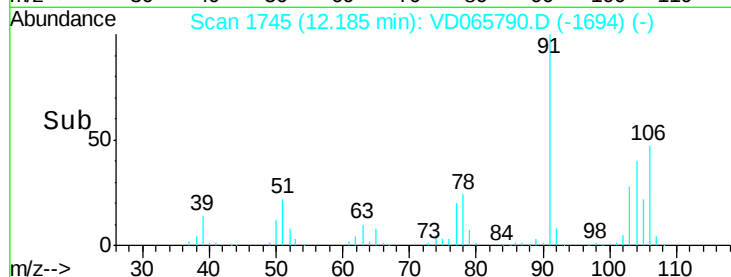
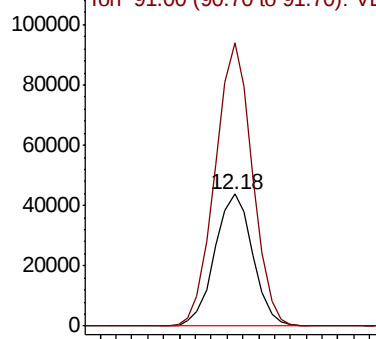
#69
o-Xylene
Concen: 20.804 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

Tot Ion:106 Resp: 72996
Ion Ratio Lower Upper
106 100
91 210.3 105.3 315.8

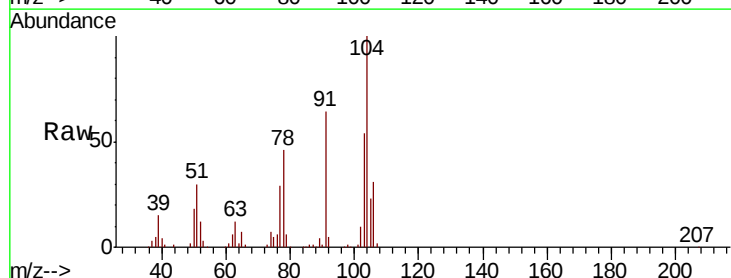


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

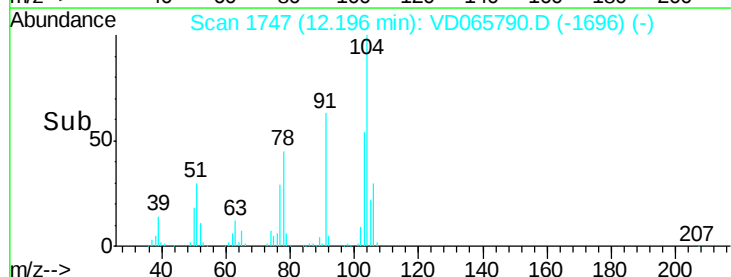
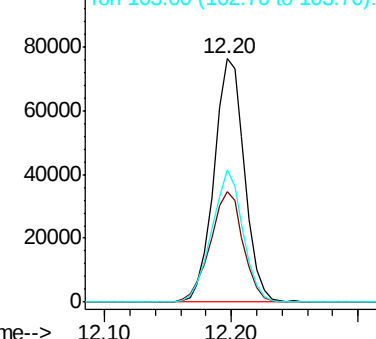


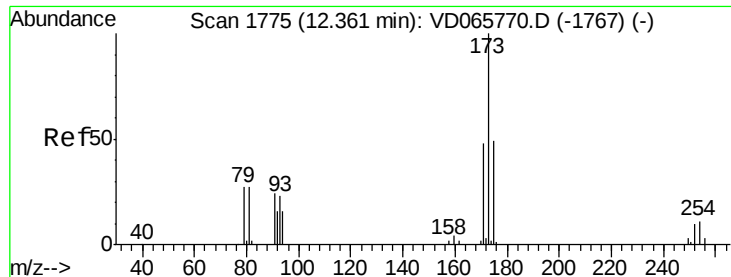
#70
Styrene
Concen: 20.894 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion:104 Resp: 126907
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 55.5 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.773 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

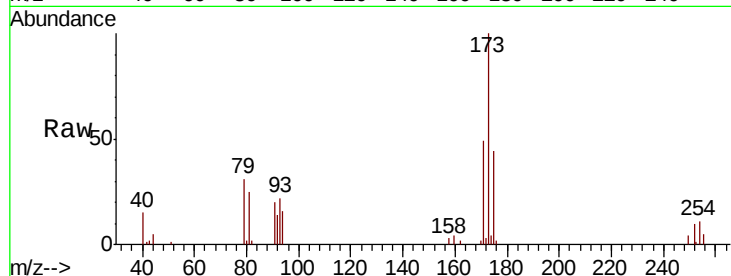
Tot Ion:173 Resp: 22953

Ion Ratio Lower Upper

173 100

175 47.2 24.8 74.4

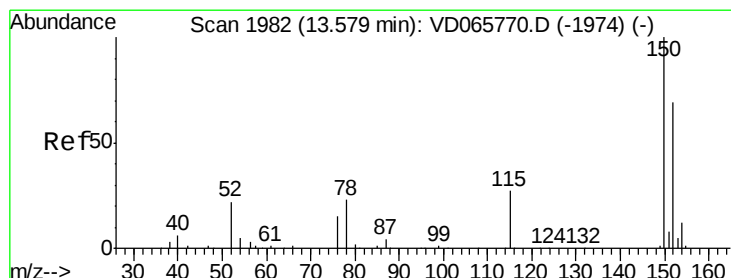
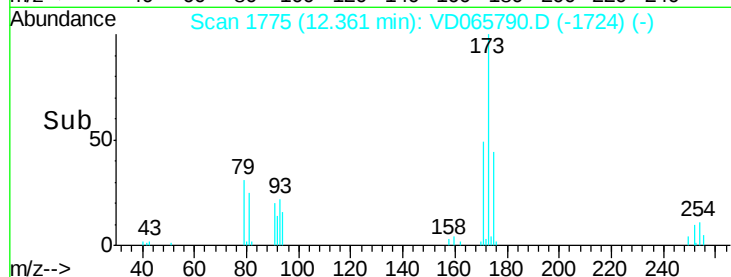
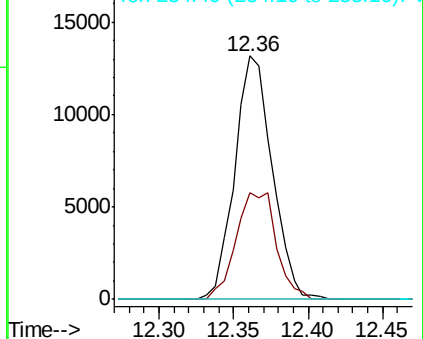
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

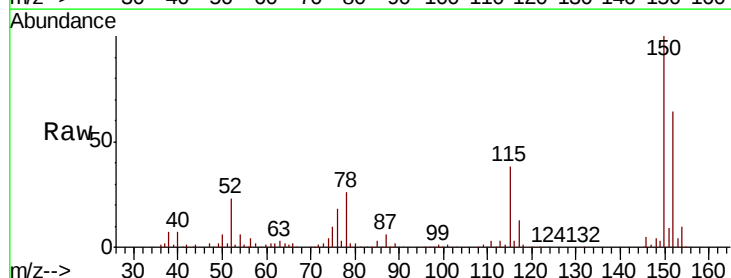
Tgt Ion:152 Resp: 149085

Ion Ratio Lower Upper

152 100

115 58.4 28.7 86.1

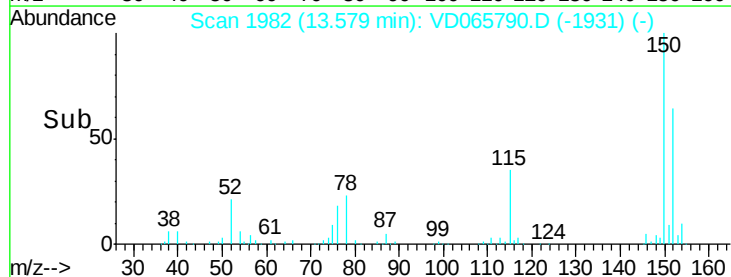
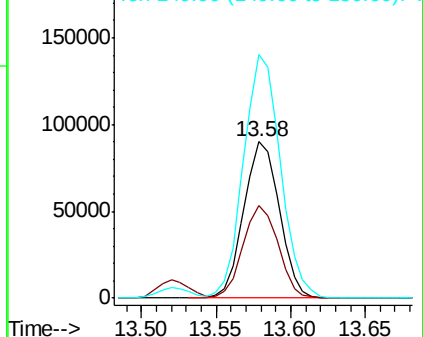
150 161.3 0.0 348.0

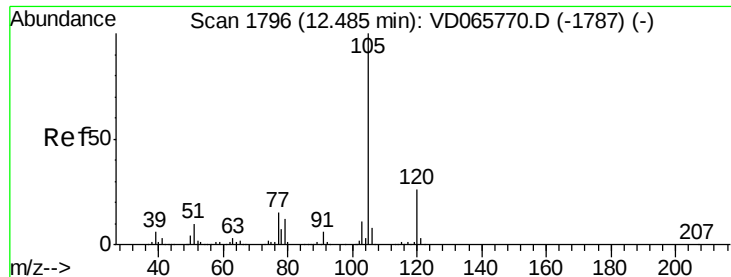


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.304 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

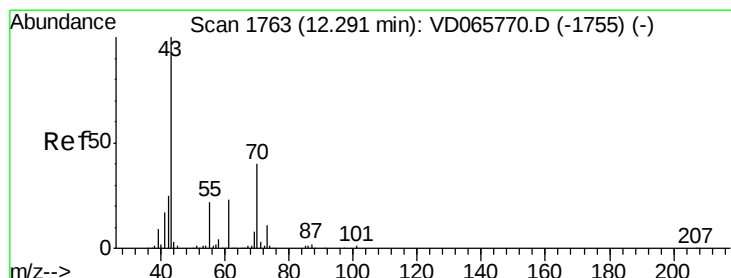
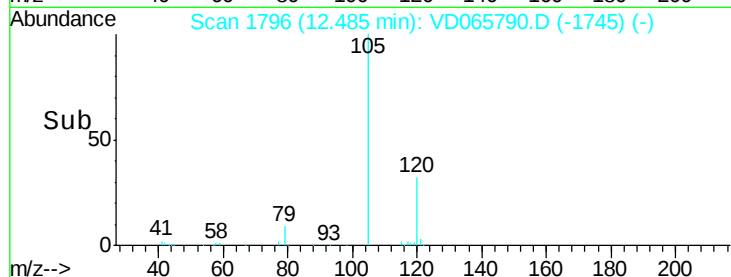
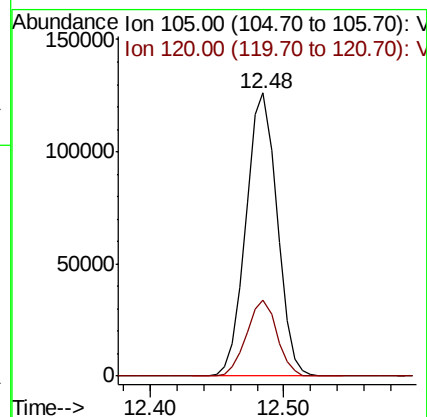
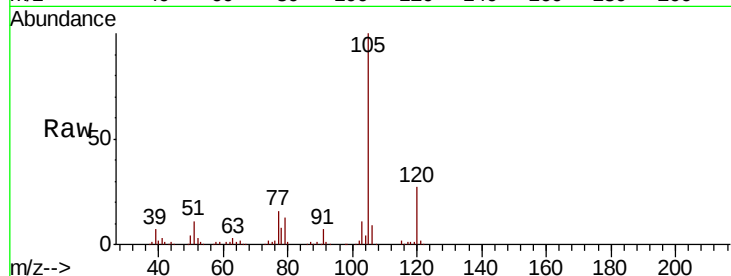
VD0612SBSD01

Tot Ion:105 Resp: 202946

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



#74

N-ethyl acetate

Concen: 18.653 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Tgt Ion: 43 Resp: 41480

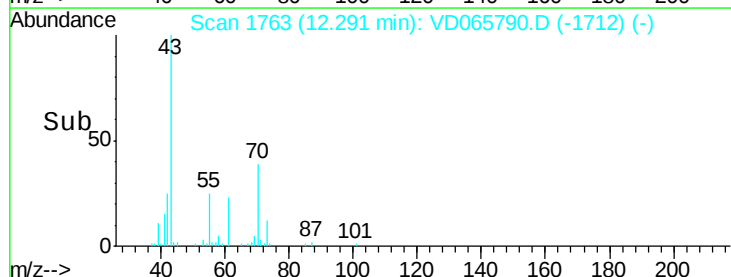
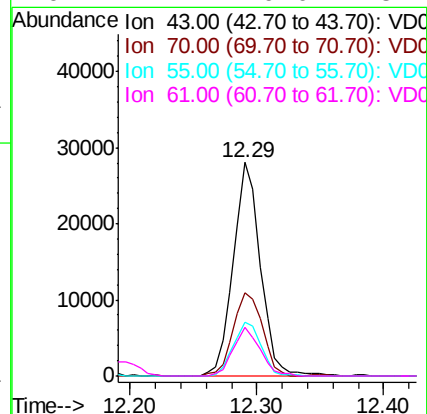
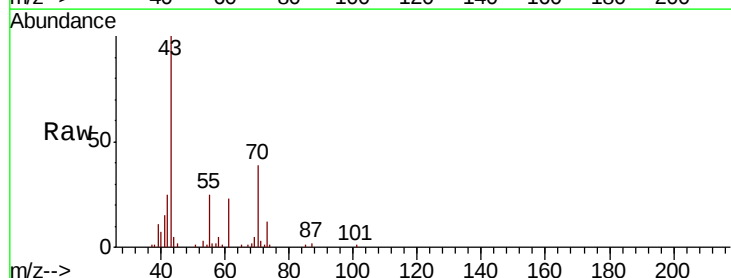
Ion Ratio Lower Upper

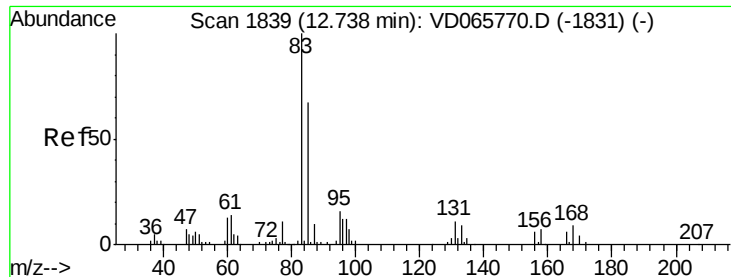
43 100

70 41.9 32.3 48.5

55 26.0 19.0 28.4

61 22.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.037 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

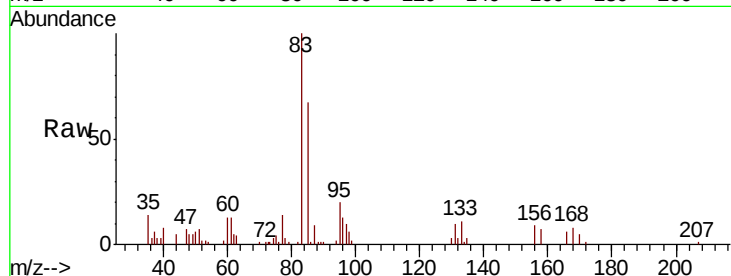
Tot Ion: 83 Resp: 32136

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

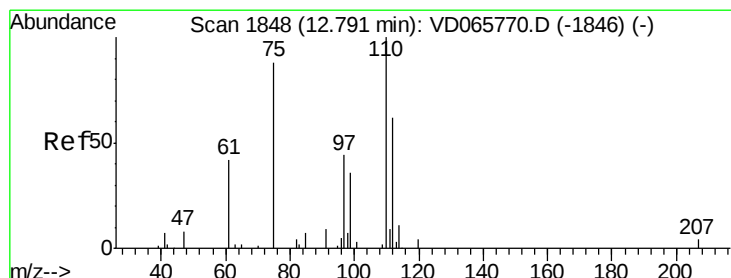
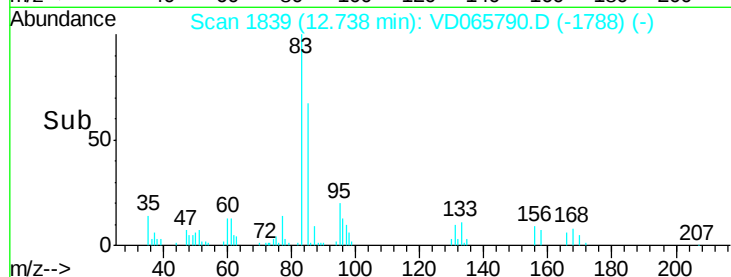
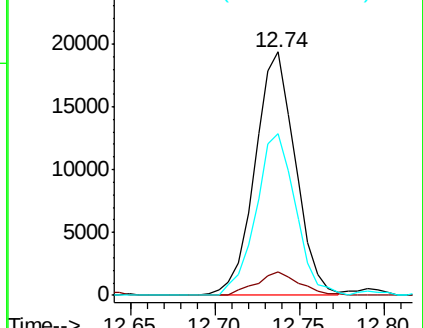
85 65.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 21.653 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065790.D

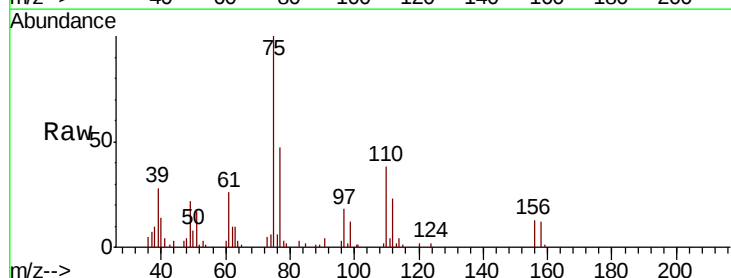
Acq: 12 Jun 2020 12:23

Tgt Ion: 75 Resp: 25106

Ion Ratio Lower Upper

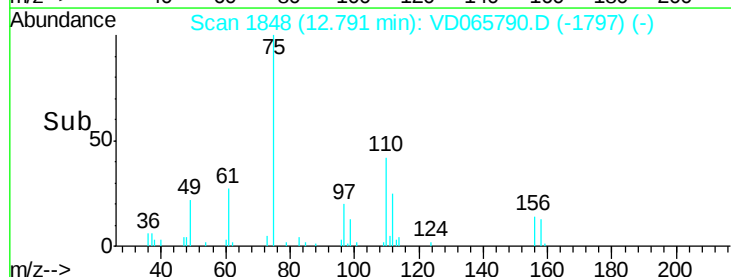
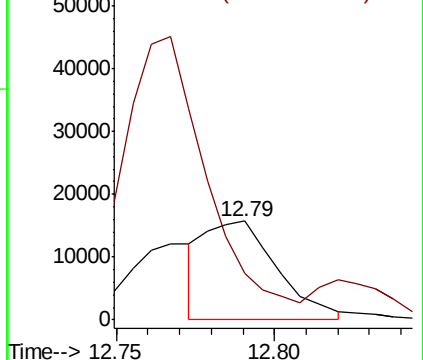
75 100

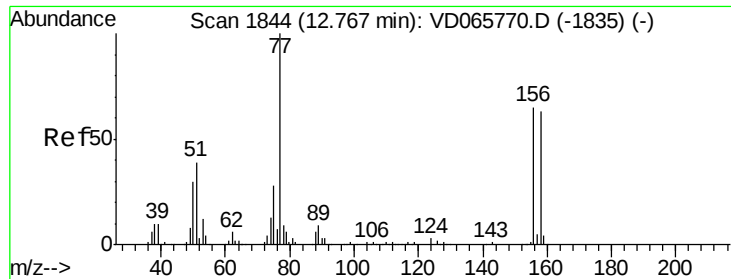
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.172 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

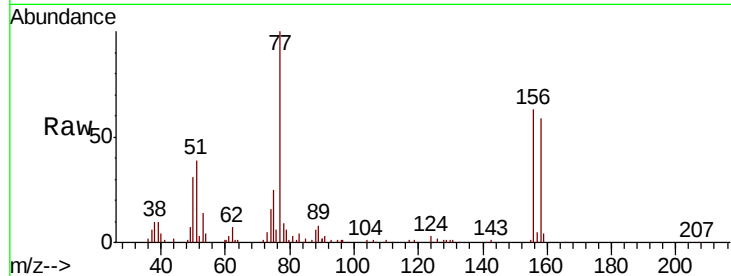
Tot Ion:156 Resp: 47705

Ion Ratio Lower Upper

156 100

77 178.9 87.3 261.8

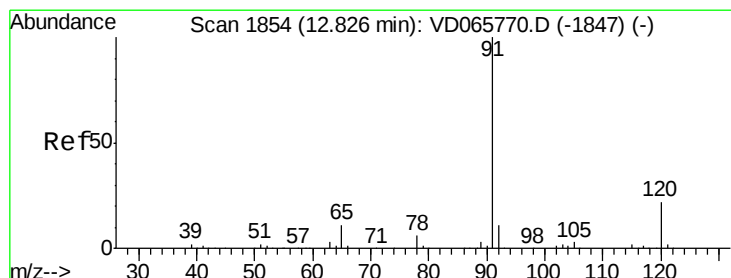
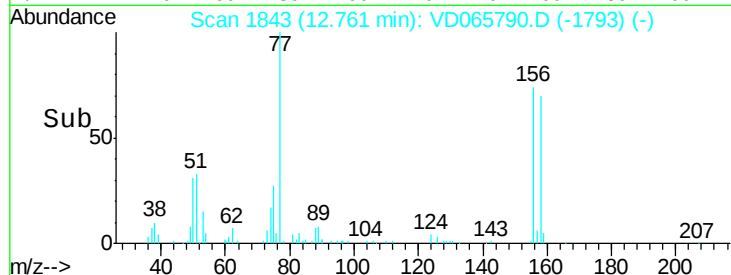
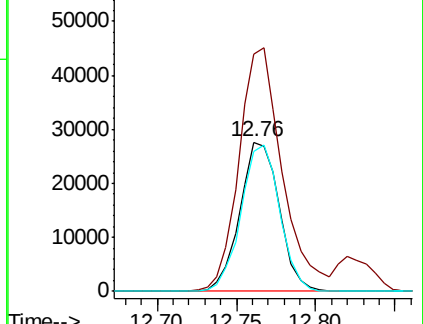
158 96.3 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.442 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065790.D

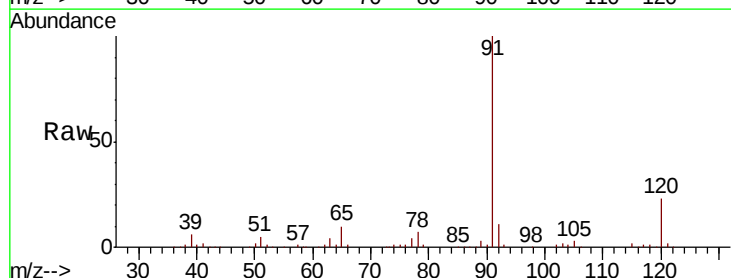
Acq: 12 Jun 2020 12:23

Tgt Ion: 91 Resp: 245961

Ion Ratio Lower Upper

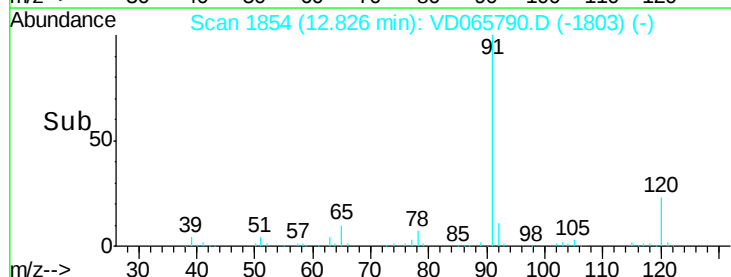
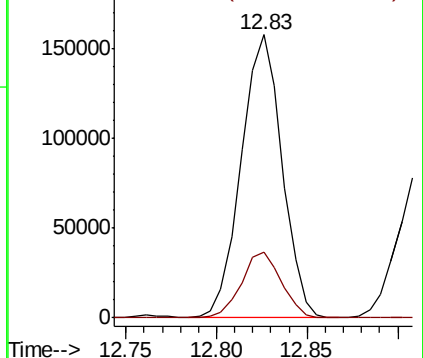
91 100

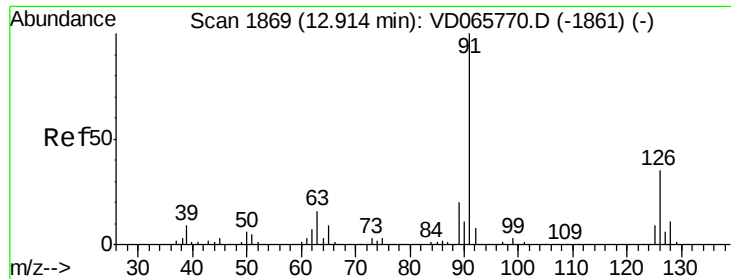
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

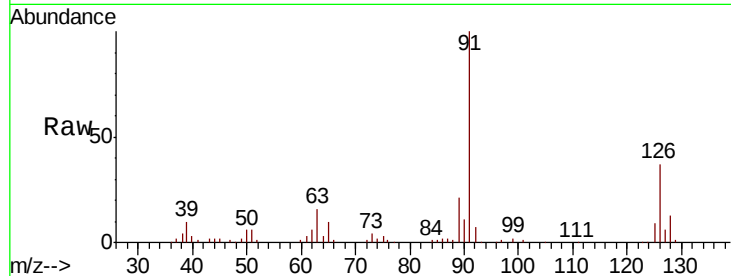




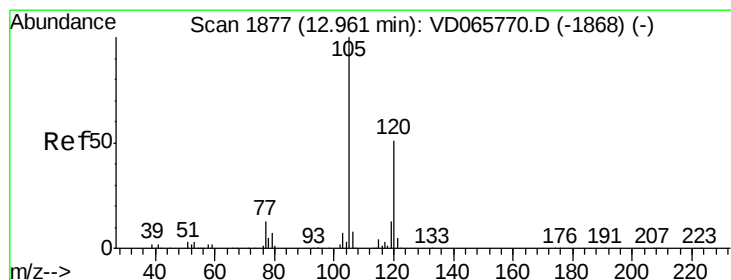
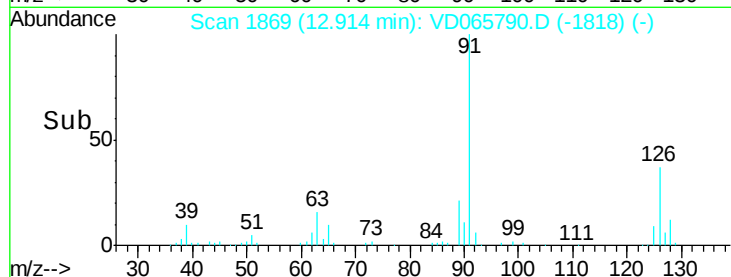
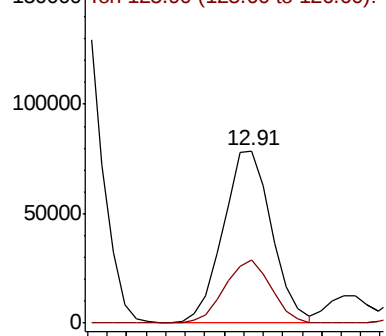
#79
2-Chlorotoluene
Concen: 20.618 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

Tot Ion: 91 Resp: 136088
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

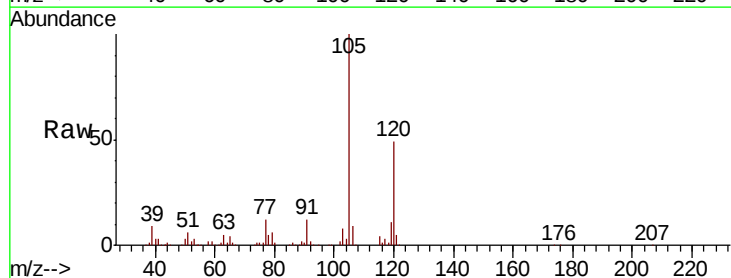


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

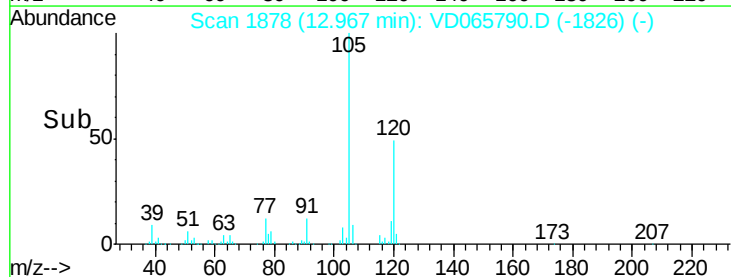
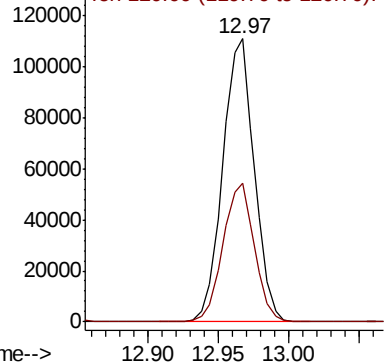


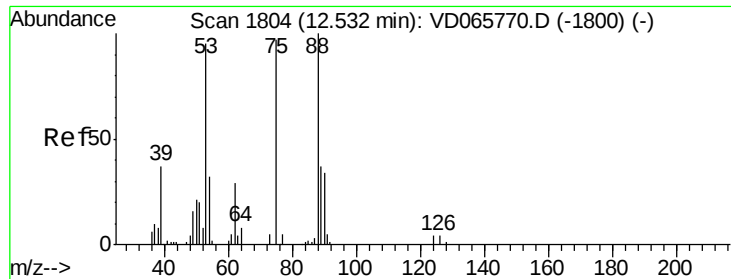
#80
1,3,5-Trimethylbenzene
Concen: 20.923 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 105 Resp: 174035
Ion Ratio Lower Upper
105 100
120 48.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

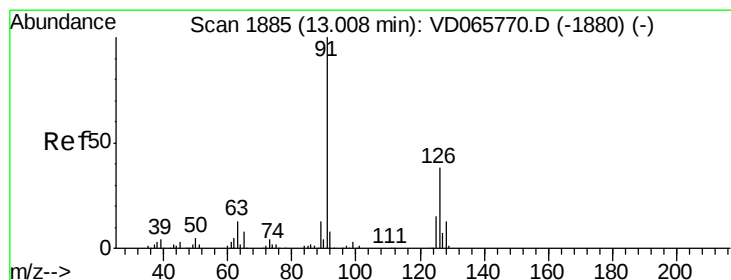
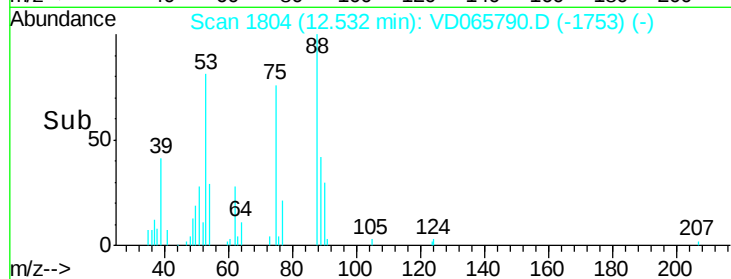
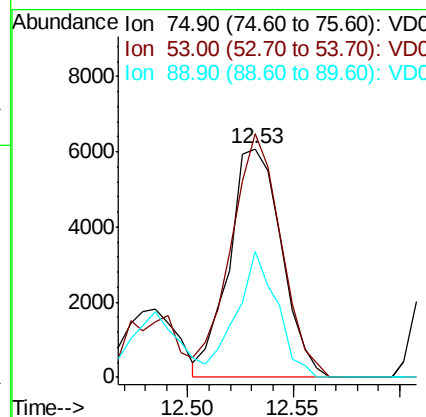
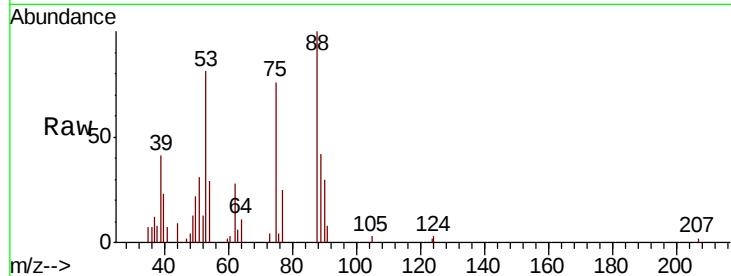




#81
trans-1,4-Dichloro-2-butene
Concen: 19.485 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

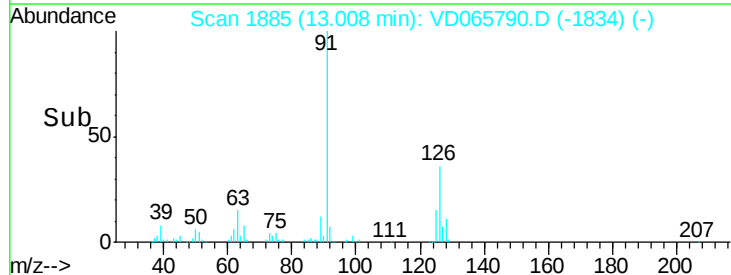
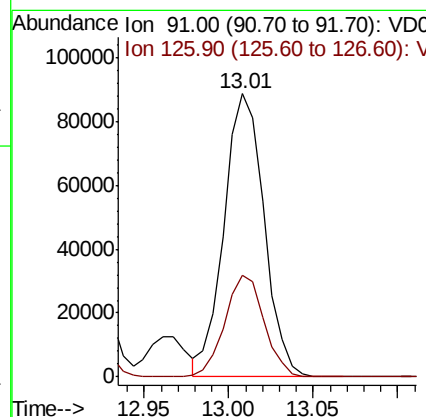
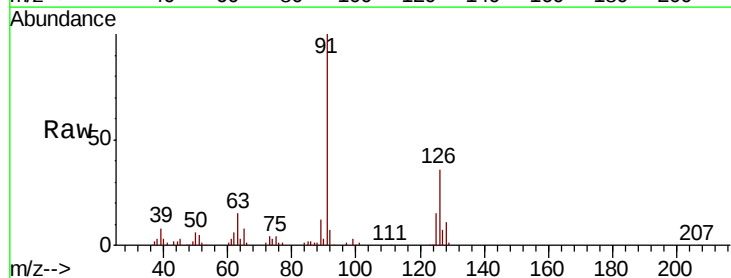
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

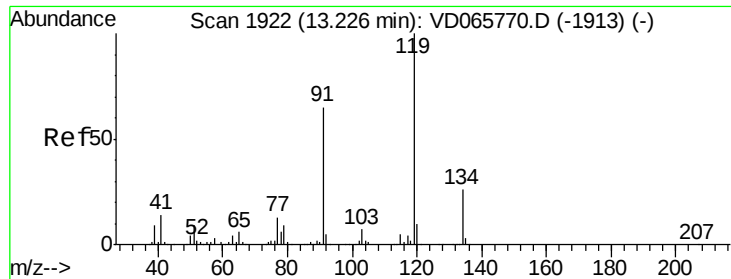
Tot Ion: 75 Resp: 10456
Ion Ratio Lower Upper
75 100
53 102.2 82.6 123.8
89 42.6 35.9 53.9



#82
4-Chlorotoluene
Concen: 20.641 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 91 Resp: 146239
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.8

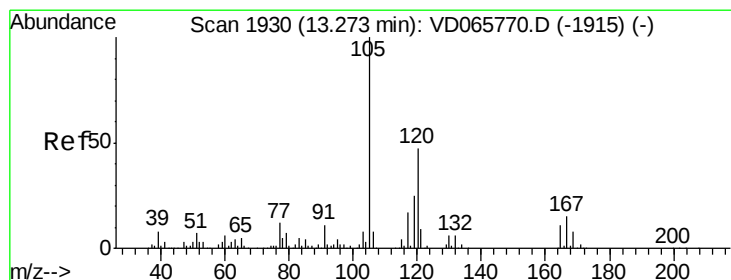
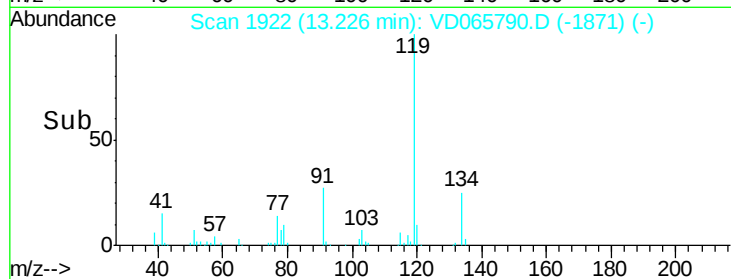
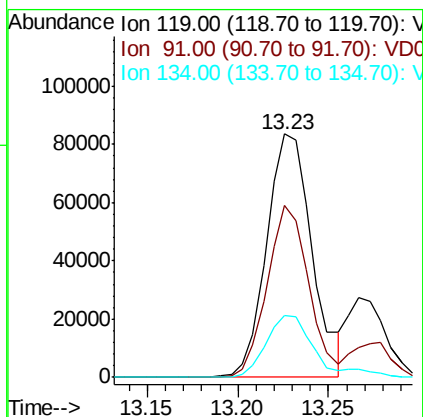
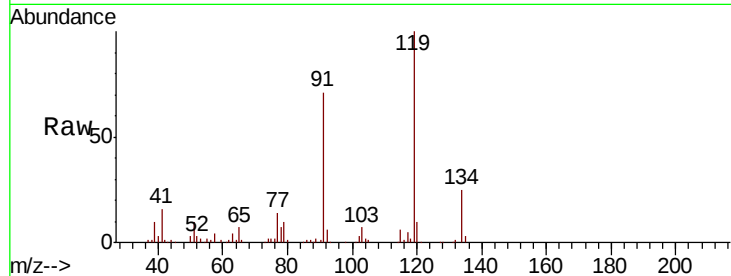




#83
tert-Butylbenzene
Concen: 20.237 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

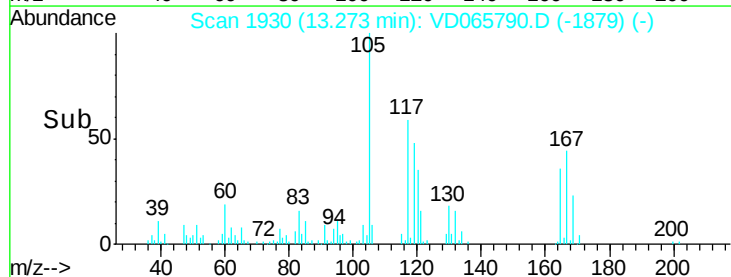
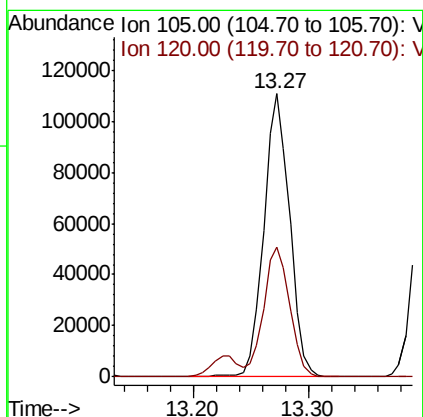
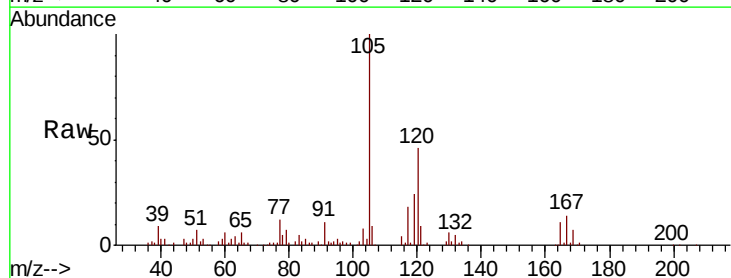
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

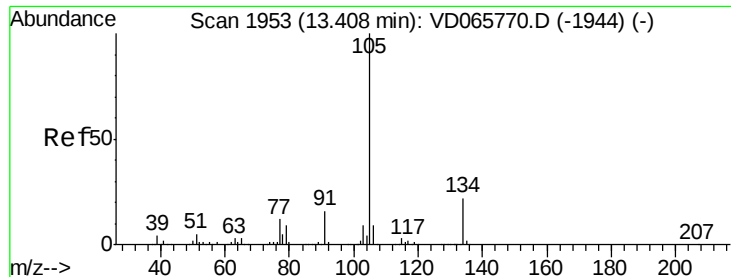
Tot Ion:119 Resp: 146058
Ion Ratio Lower Upper
119 100
91 64.7 32.0 96.0
134 27.4 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.731 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion:105 Resp: 172600
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.714 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

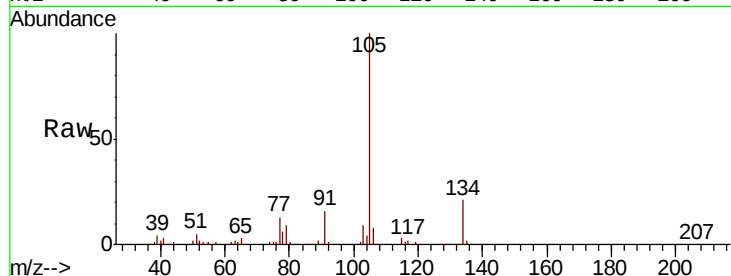
VD0612SBSD01

Tot Ion:105 Resp: 208061

Ion Ratio Lower Upper

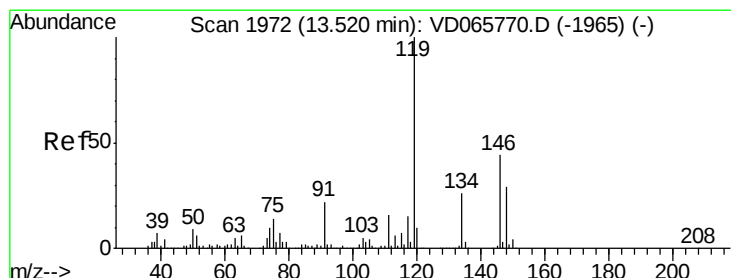
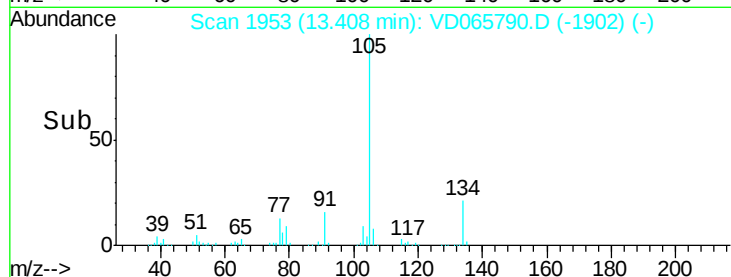
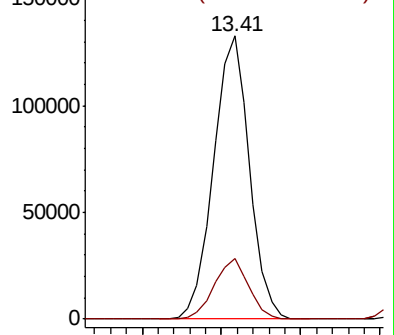
105 100

134 20.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.727 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

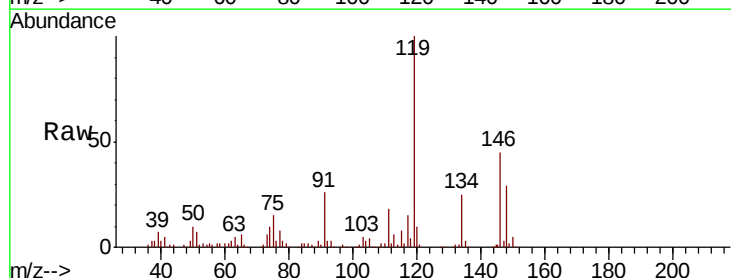
Tgt Ion:119 Resp: 190821

Ion Ratio Lower Upper

119 100

134 25.1 13.3 39.9

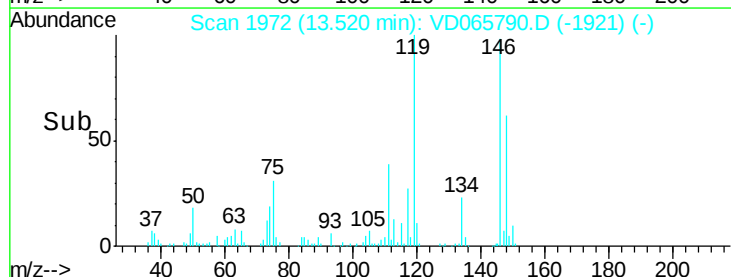
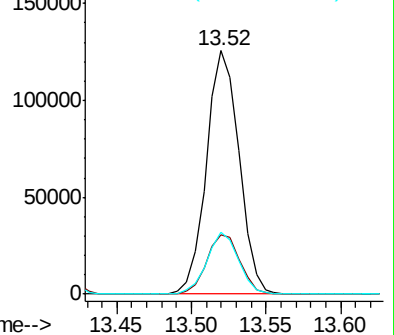
91 24.8 11.8 35.4

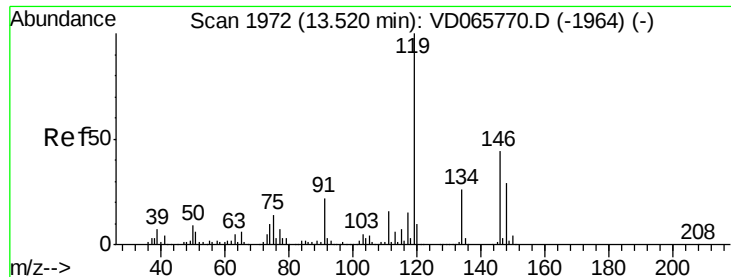


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.203 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBSD01

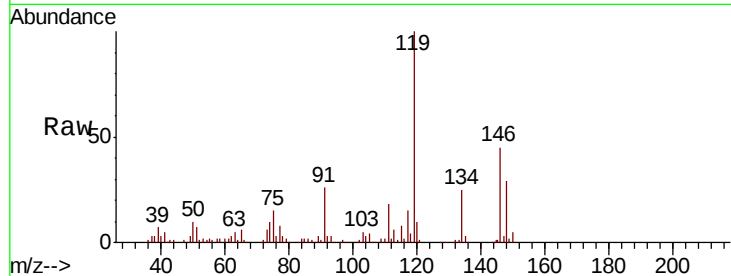
Tot Ion:146 Resp: 94207

Ion Ratio Lower Upper

146 100

111 40.3 19.2 57.6

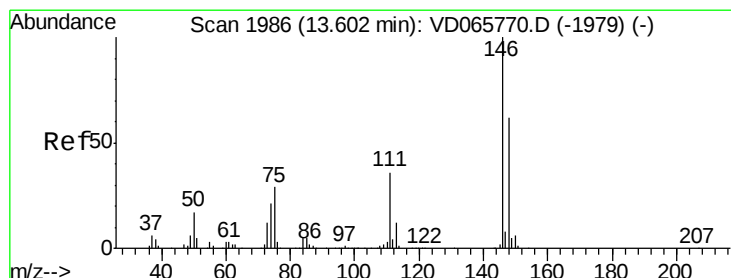
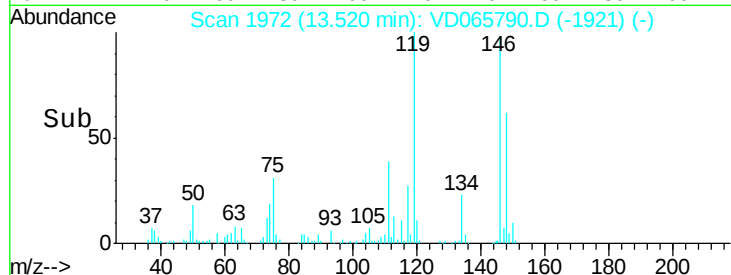
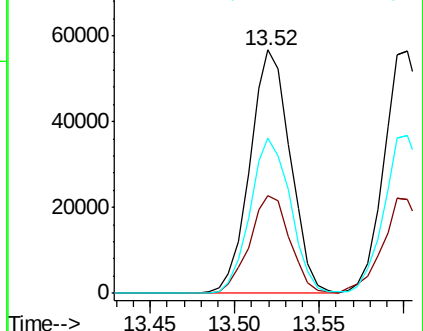
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.440 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

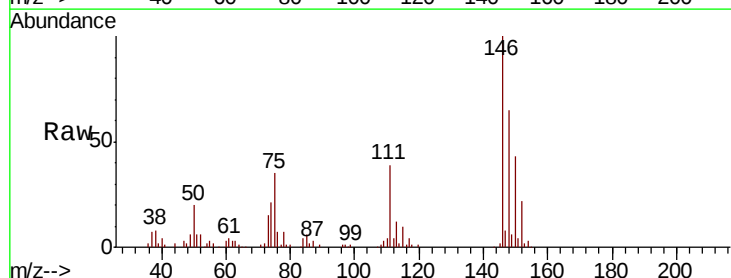
Tgt Ion:146 Resp: 94812

Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.7

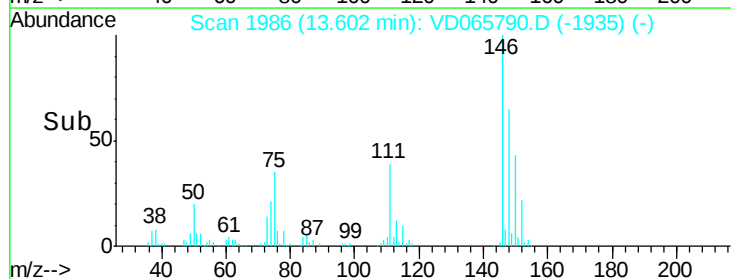
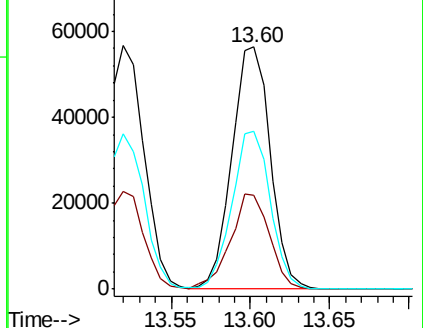
148 65.1 31.6 94.7

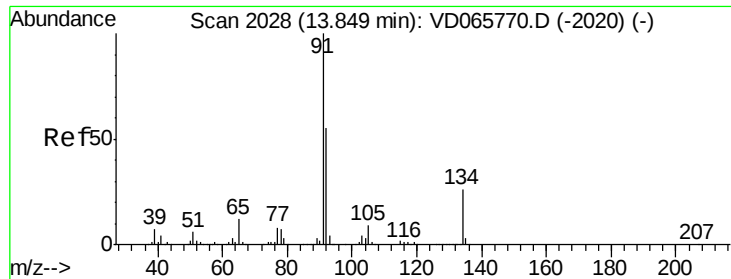


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

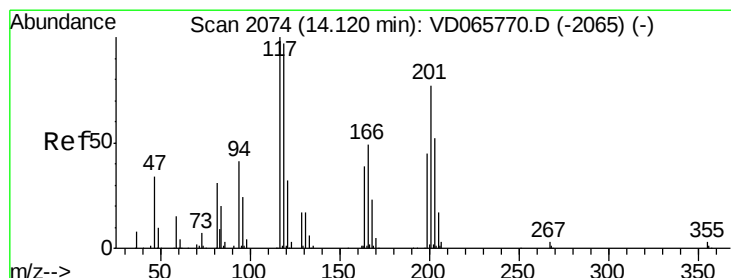
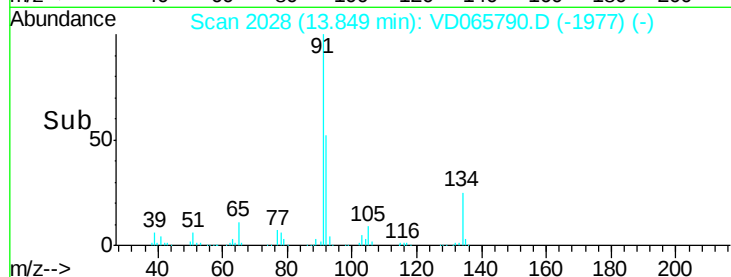
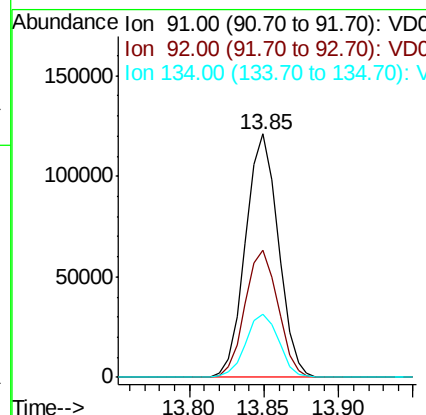
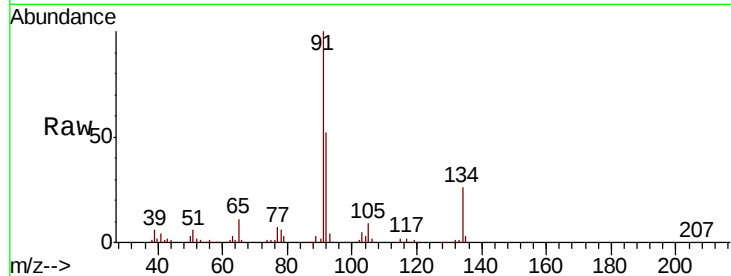




#89
n-Butylbenzene
Concen: 20.998 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

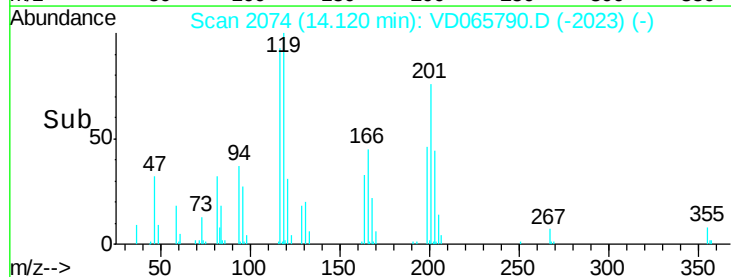
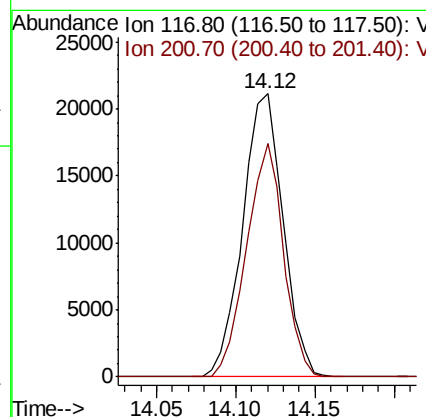
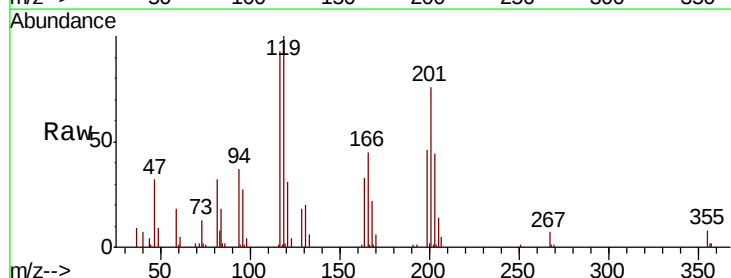
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

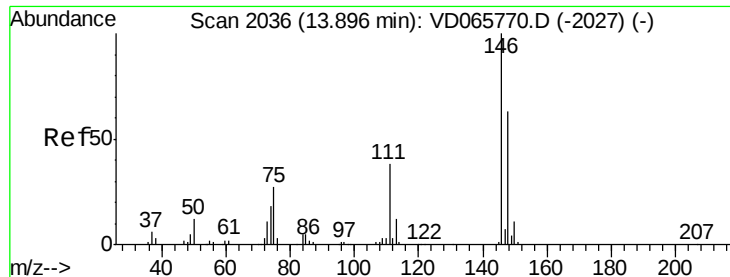
Tot Ion: 91 Resp: 184365
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 20.345 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion: 117 Resp: 37490
Ion Ratio Lower Upper
117 100
201 75.1 37.1 111.5

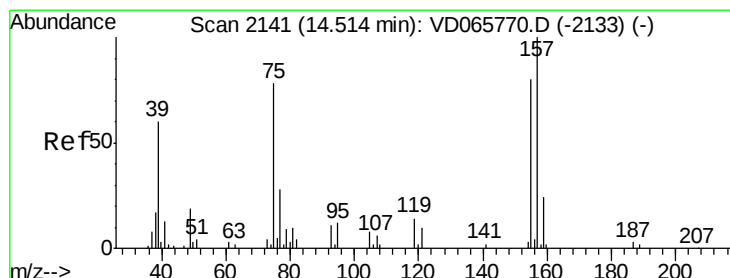
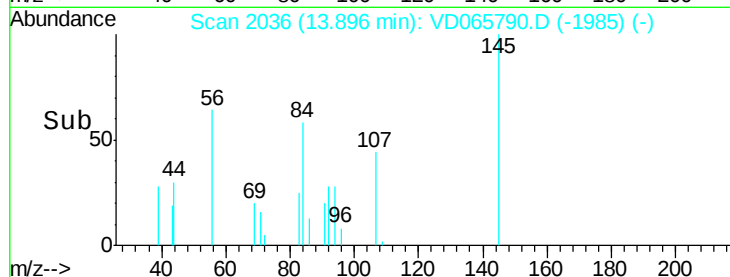
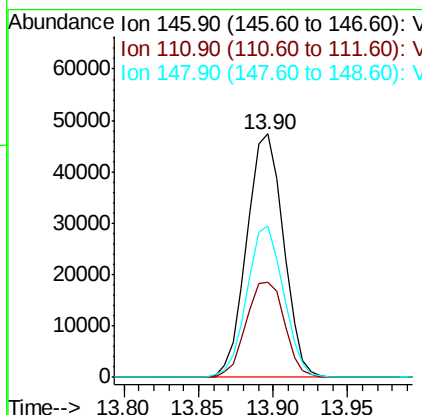
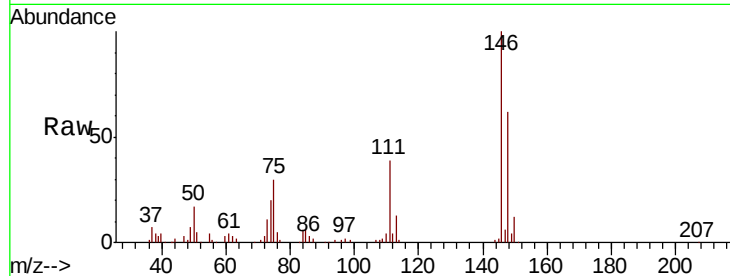




#91
 1,2-Dichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

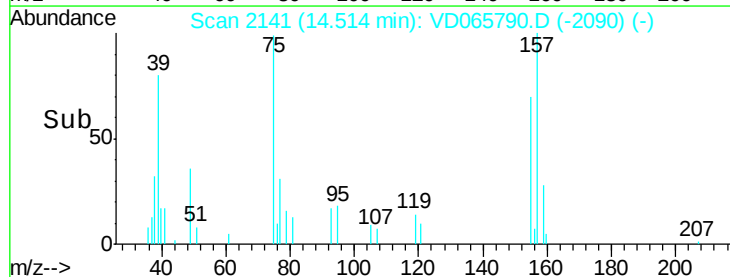
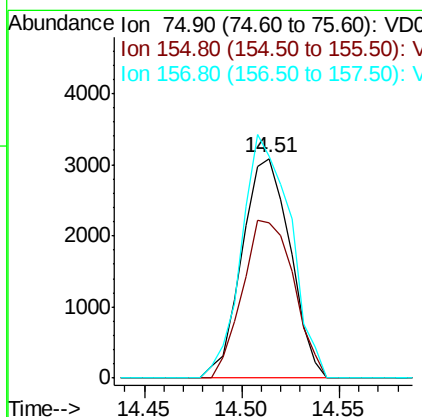
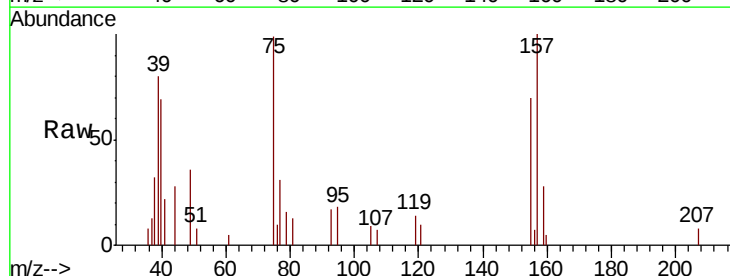
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

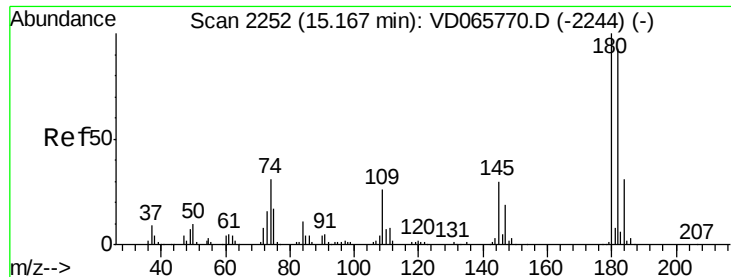
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.8	59.4
148	62.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.812 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.5	46.3	138.9
157	112.2	58.1	174.3

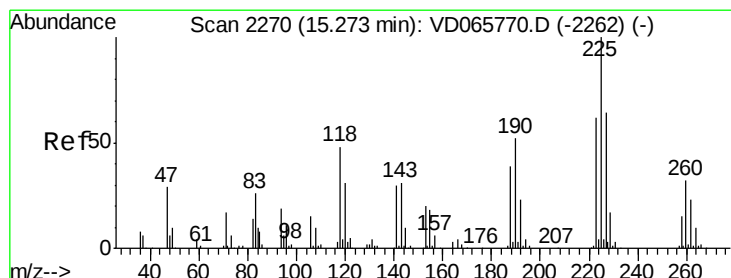
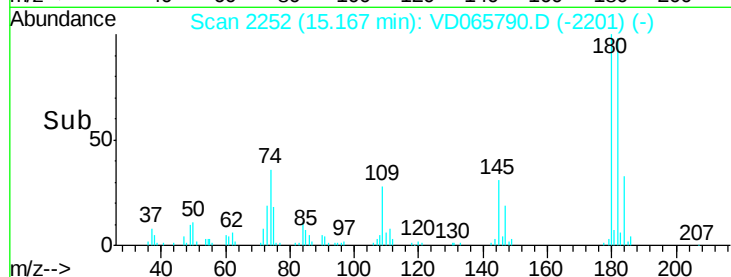
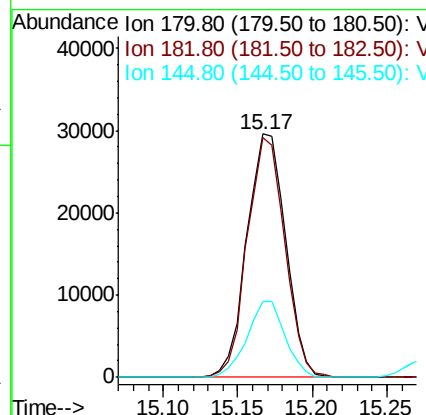
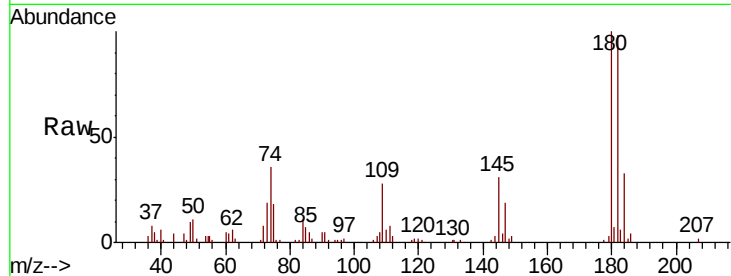




#93
 1,2,4-Trichlorobenzene
 Concen: 19.533 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

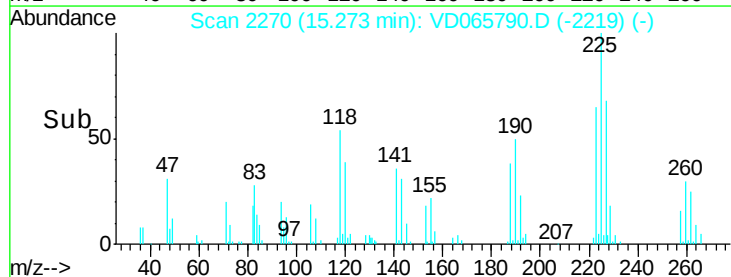
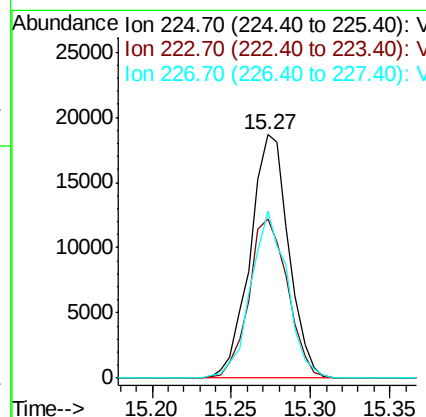
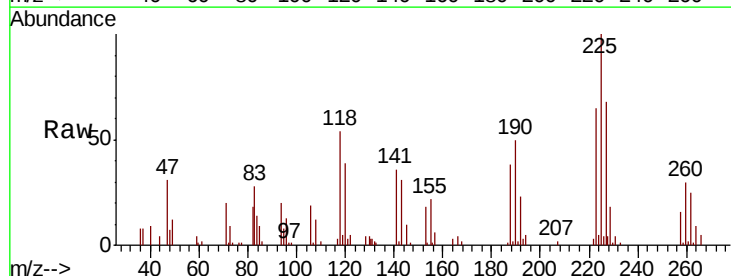
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBSD01

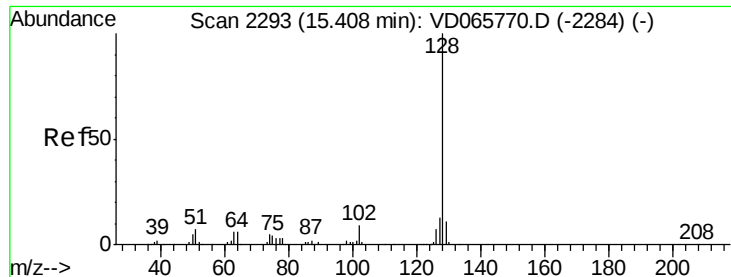
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	30.5	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 19.110 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	30.9	92.7
227	65.1	31.9	95.7

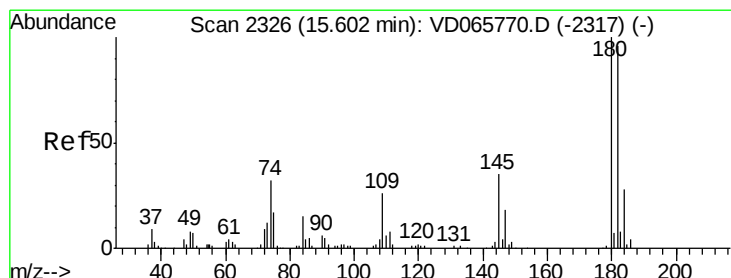
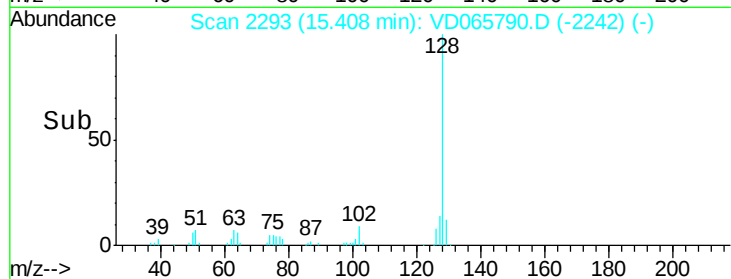
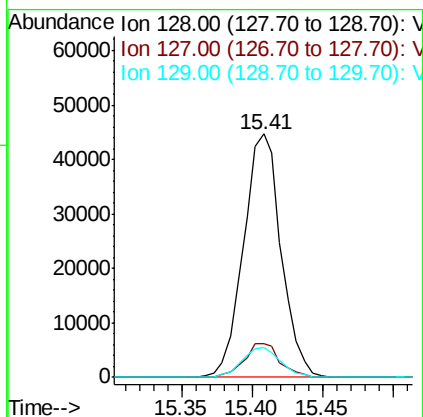
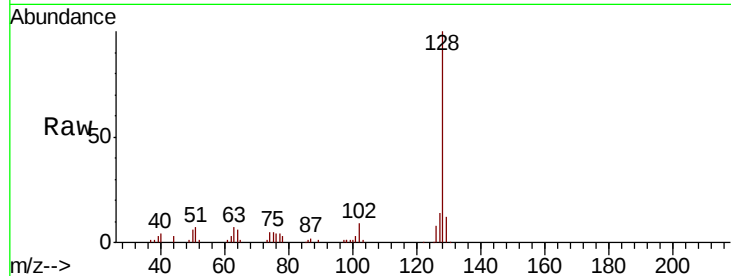




#95
Naphthalene
Concen: 18.046 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBSD01

Tot Ion:128 Resp: 83408
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 12.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.522 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Tgt Ion:180 Resp: 45878
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.2
145 32.9 16.2 48.6

