

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 :

Quant Time: Jun 13 01:37:38 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

33) 1,2-Dichloroethane-d4	8.33	65	101629	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.92	113	99882	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.34	98	384873	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.64	95	129907	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						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 : VD0612SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 13 01:37:38 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	7.56	41	32093	44.974	ug/l #	43
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	44142	38.071	ug/l #	100
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

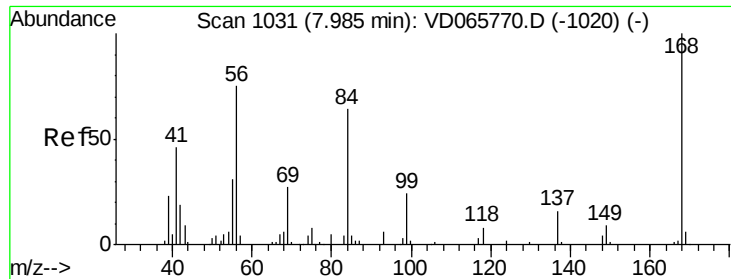
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065790.D
Acq On : 12 Jun 2020 12:23
Operator : VA/SY
Sample : VD0612SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 13 01:37:38 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)
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

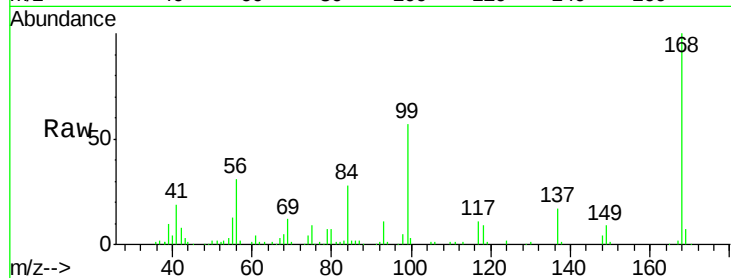
ClientSampleId :

Tot Ion:168 Resp: 198953

Ion Ratio Lower Upper

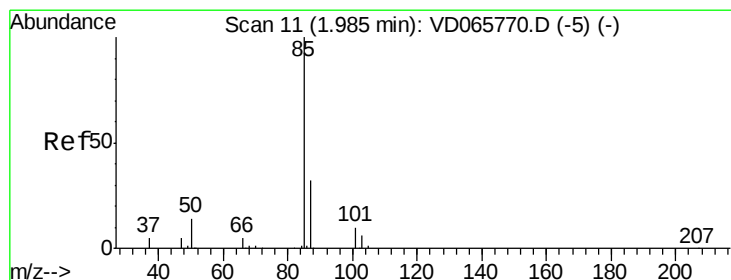
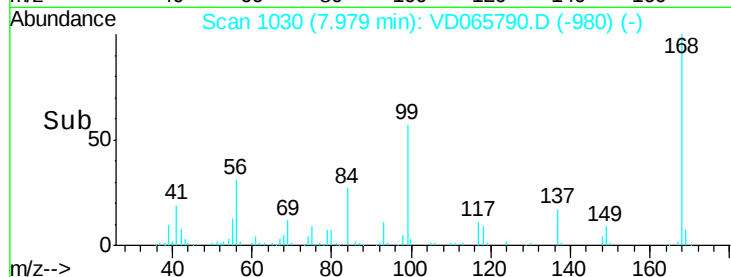
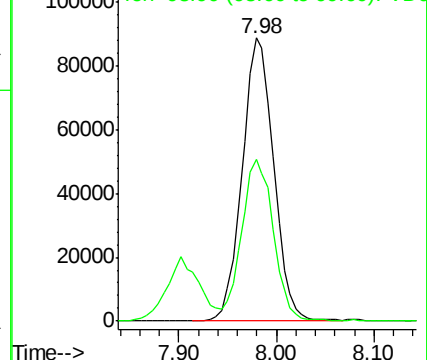
168 100

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

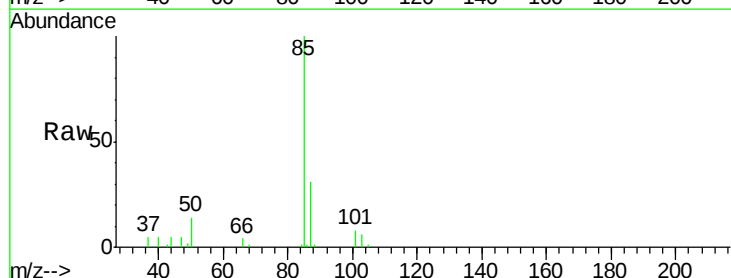
Acq: 12 Jun 2020 12:23

Tgt Ion: 85 Resp: 35513

Ion Ratio Lower Upper

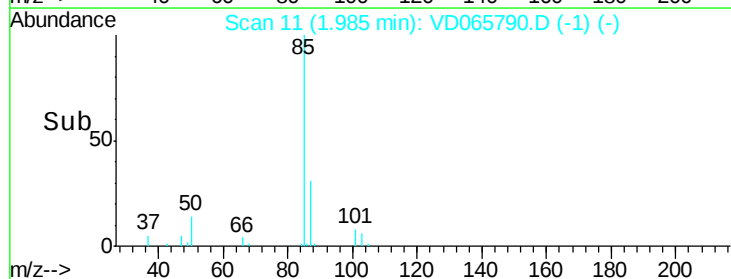
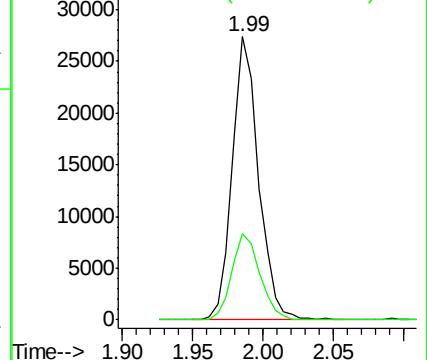
85 100

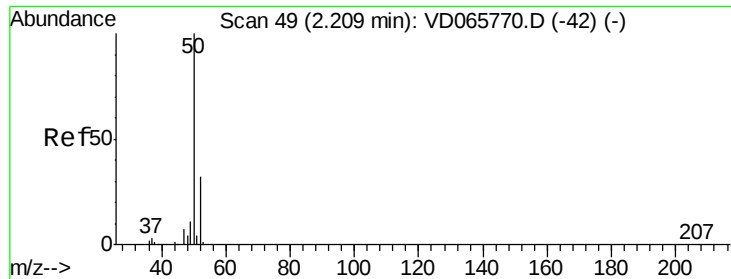
87 30.5 16.2 48.5



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

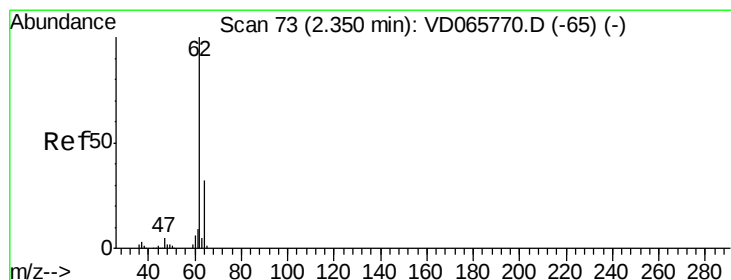
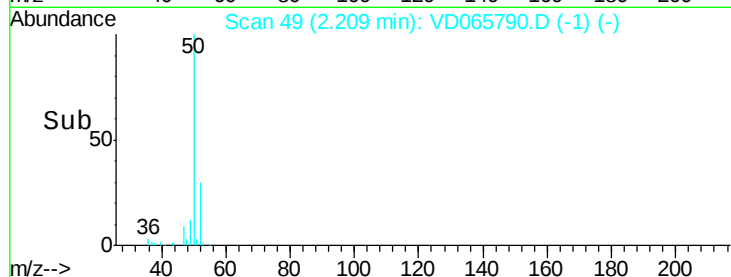
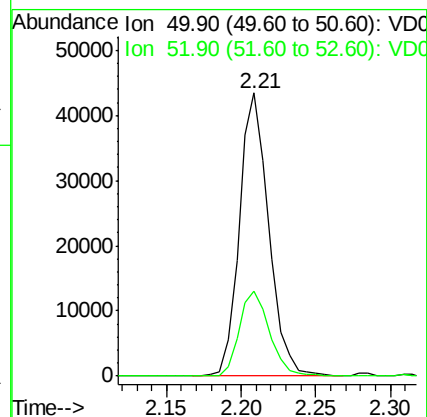
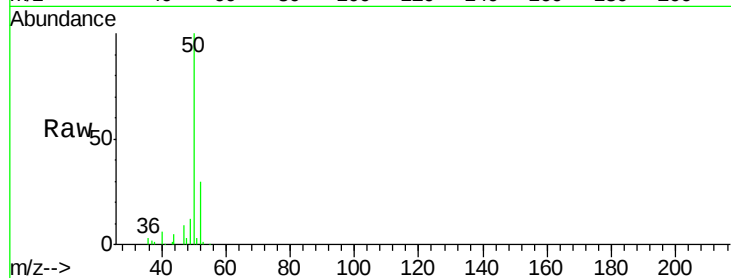
ClientSampleId :

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

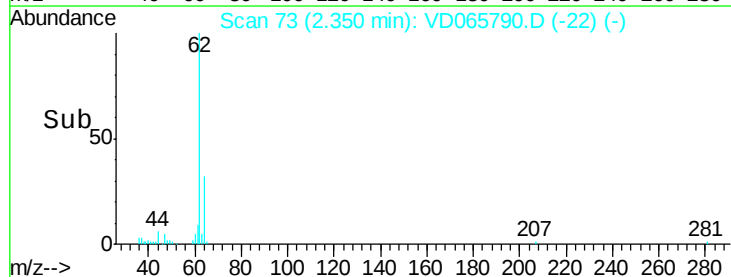
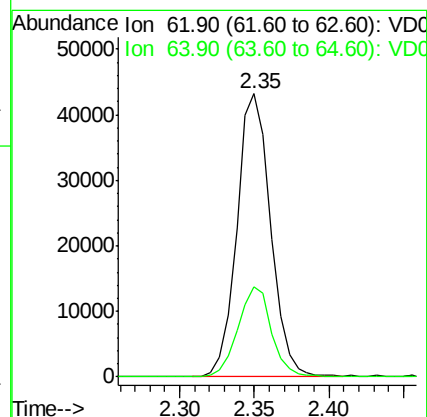
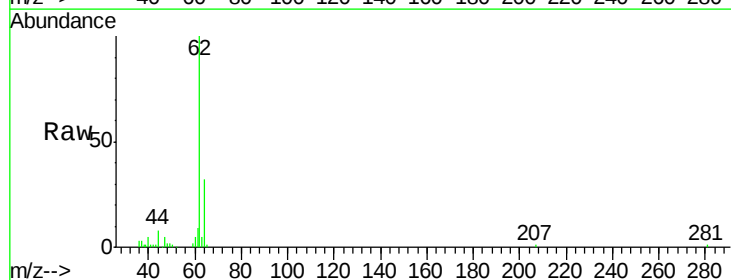
Acq: 12 Jun 2020 12:23

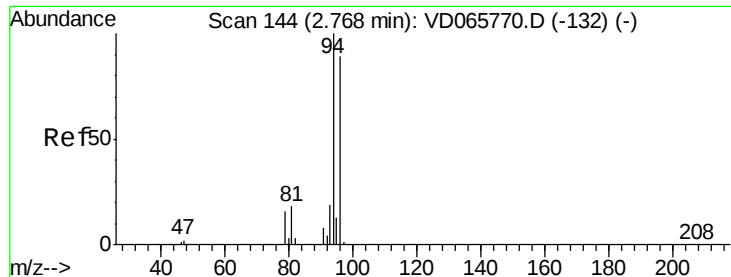
Tgt Ion: 62 Resp: 67868

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

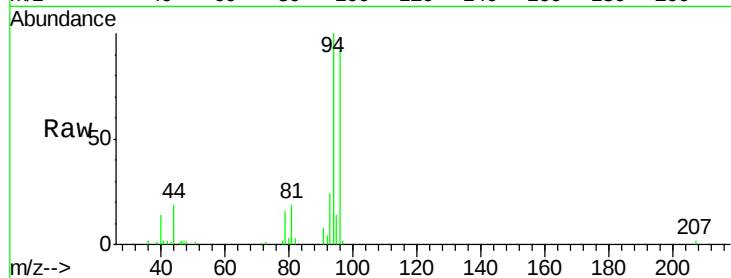
ClientSampleId :

Tot Ion: 94 Resp: 46863

Ion Ratio Lower Upper

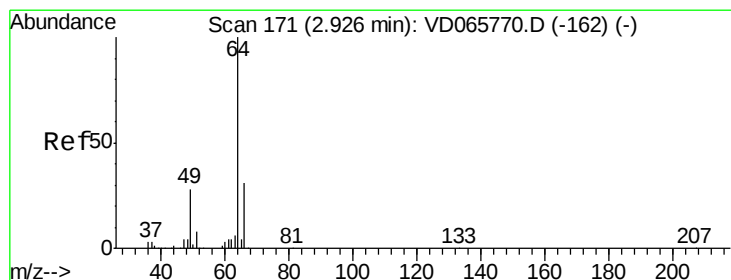
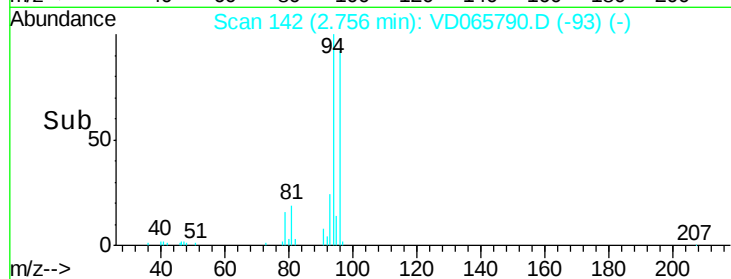
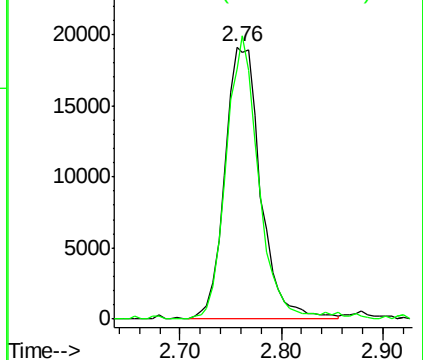
94 100

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

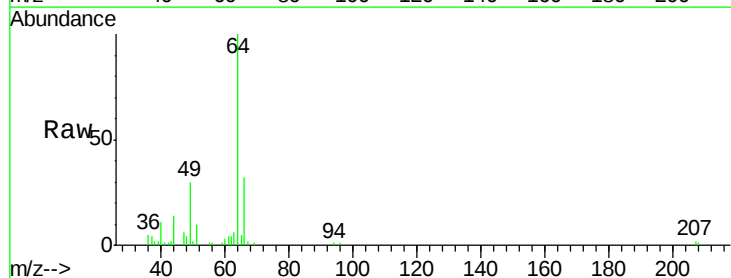
Acq: 12 Jun 2020 12:23

Tgt Ion: 64 Resp: 45075

Ion Ratio Lower Upper

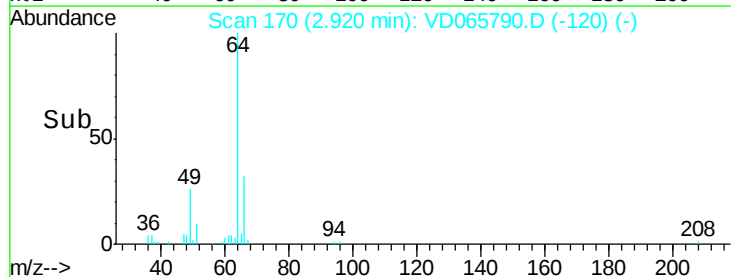
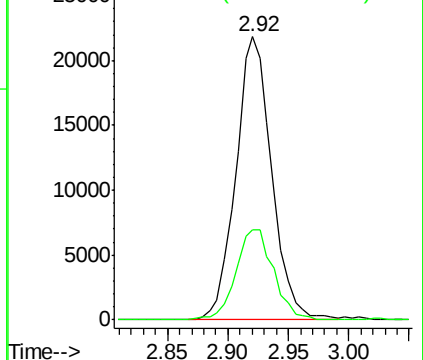
64 100

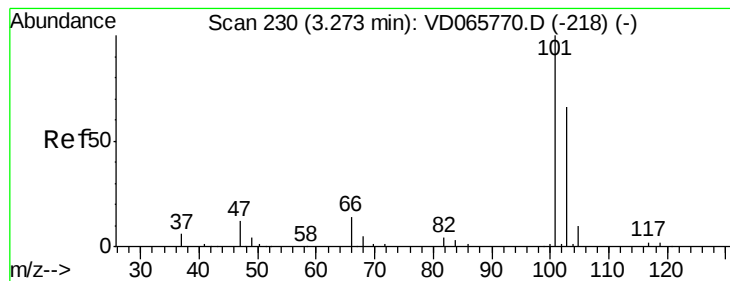
66 31.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



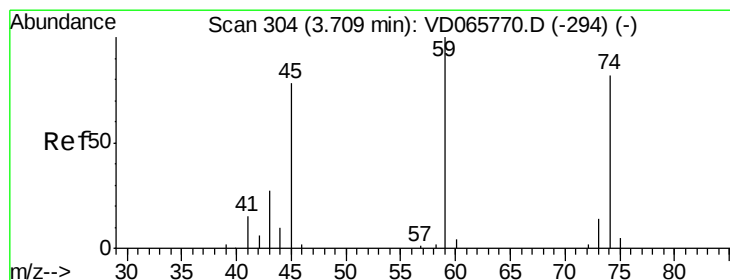
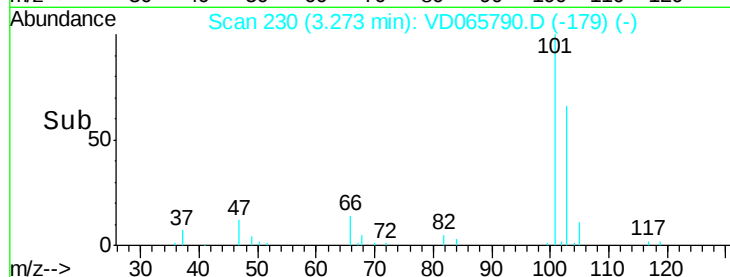
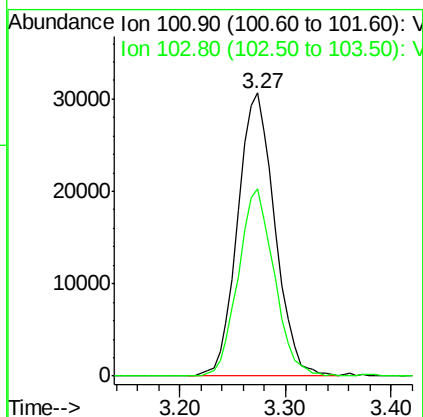
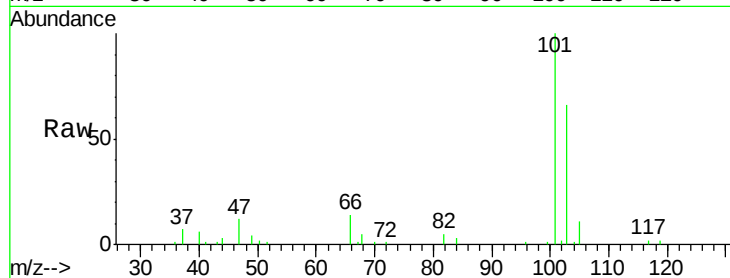


#7

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 :

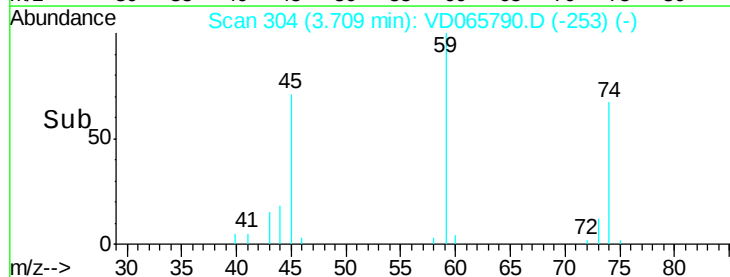
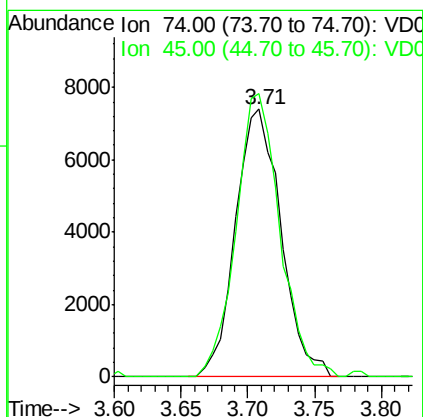
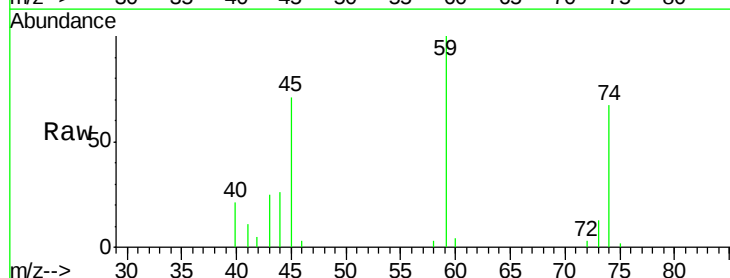
Tot Ion:101 Resp: 74646
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7

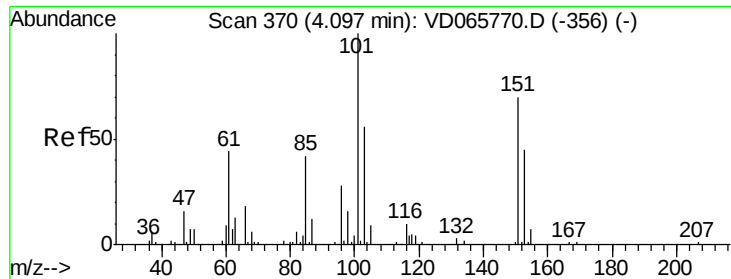


#8

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





#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

ClientSampled :

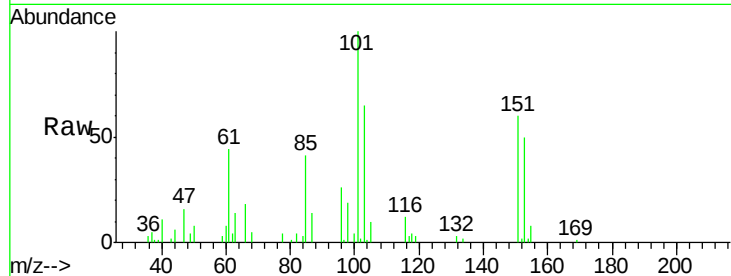
Tot Ion:101 Resp: 43888

Ion Ratio Lower Upper

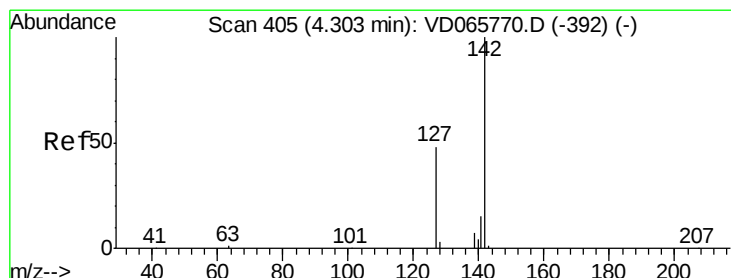
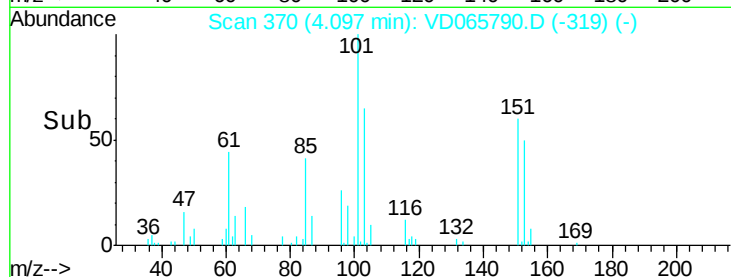
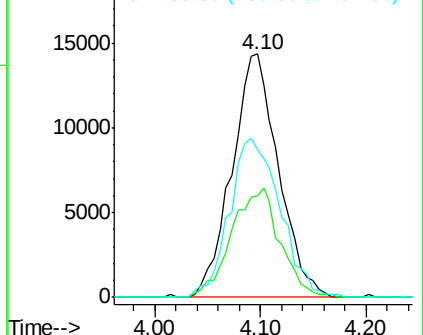
101 100

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): V
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

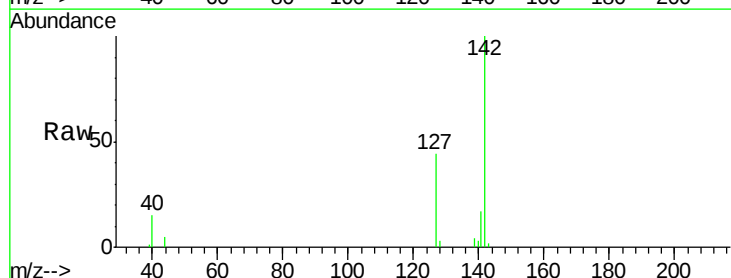
Tgt Ion:142 Resp: 38039

Ion Ratio Lower Upper

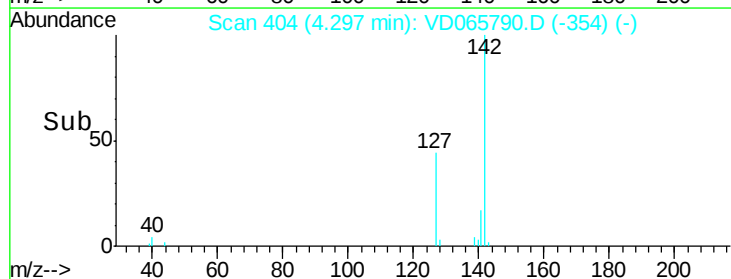
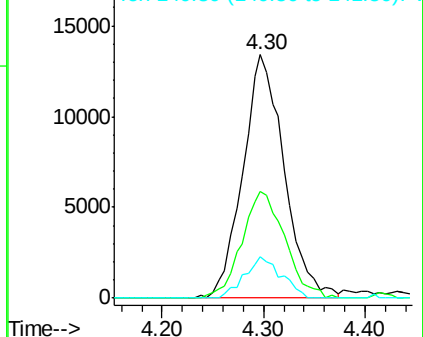
142 100

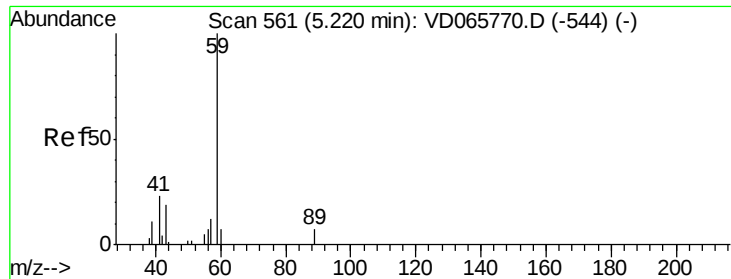
127 45.6 37.6 56.4

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



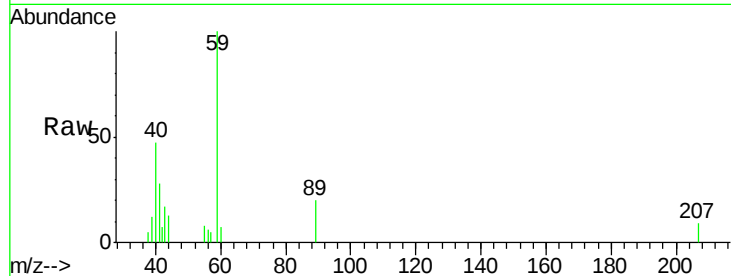


#11

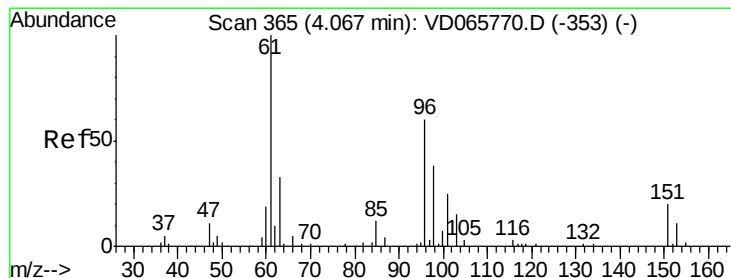
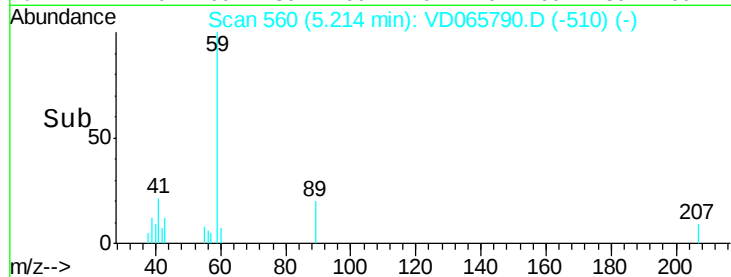
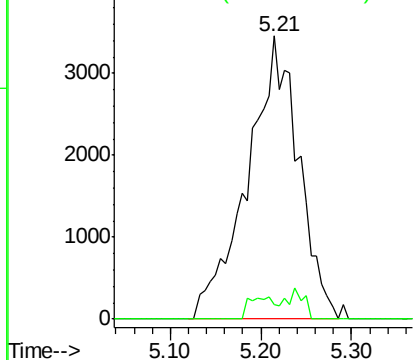
Tert butyl alcohol
Concen: 102.001 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 59 Resp: 13561
Ion Ratio Lower Upper
59 100
57 4.1 7.5 11.3#



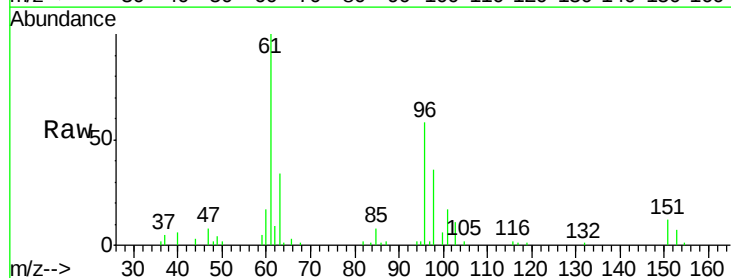
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



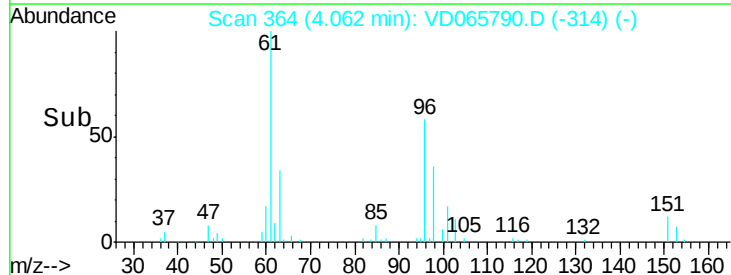
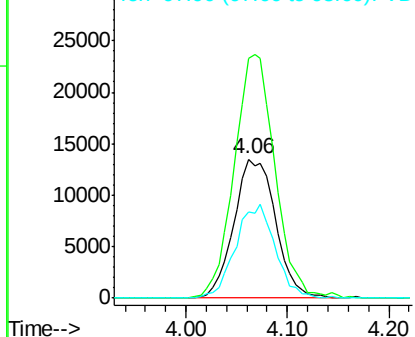
#12

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

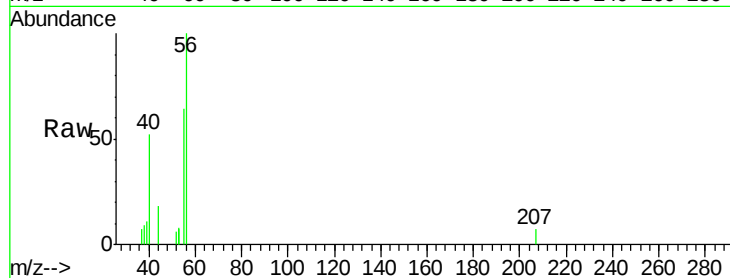
ClientSampleId :

Tot Ion: 56 Resp: 9719

Ion Ratio Lower Upper

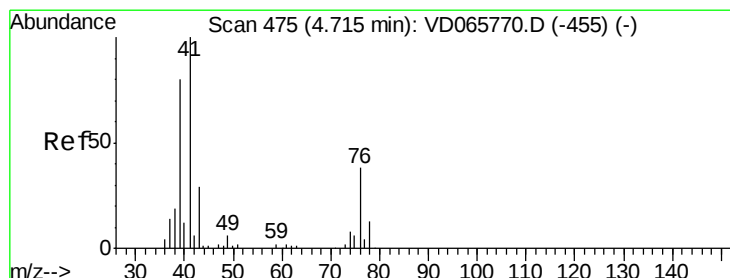
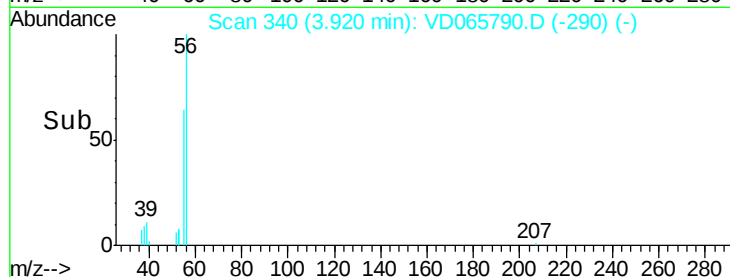
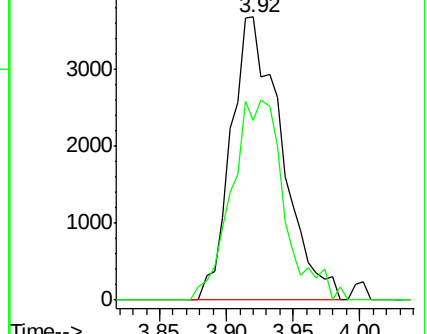
56 100

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



#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

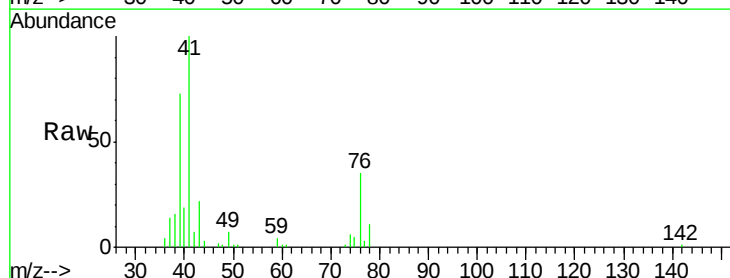
Tgt Ion: 41 Resp: 63153

Ion Ratio Lower Upper

41 100

39 73.6 60.9 91.3

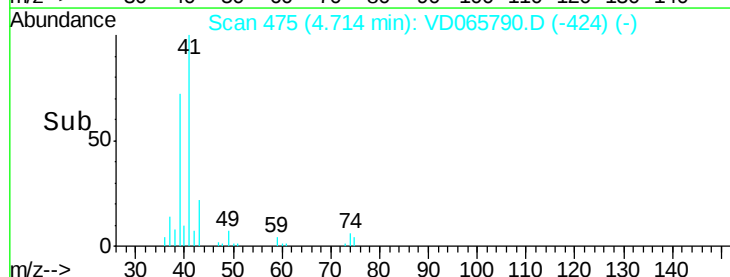
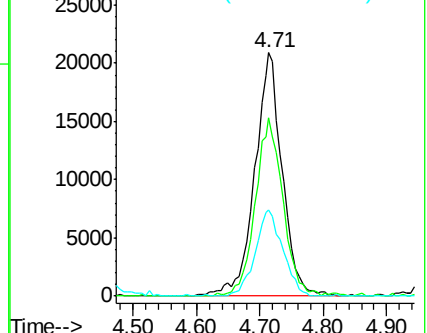
76 35.4 28.9 43.3

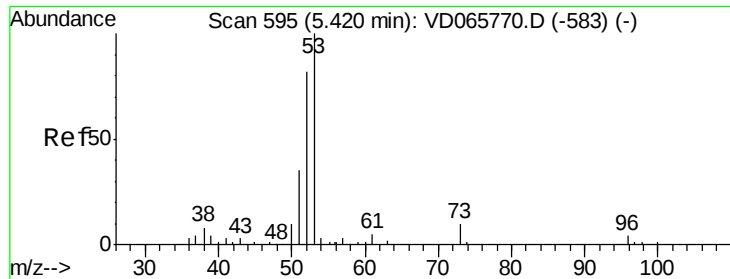


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#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 :

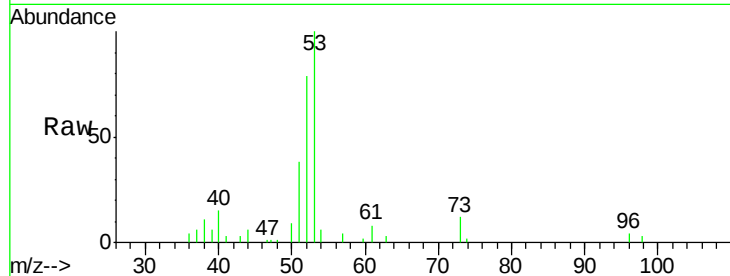
Tot Ion: 53 Resp: 39723

Ion Ratio Lower Upper

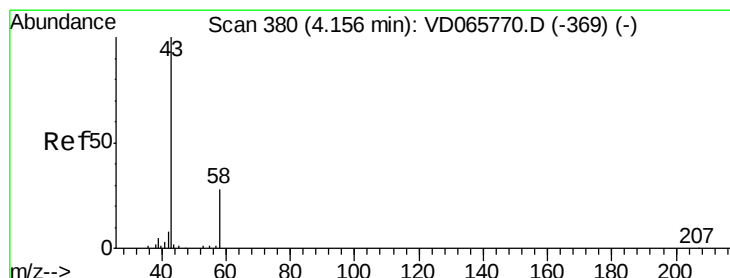
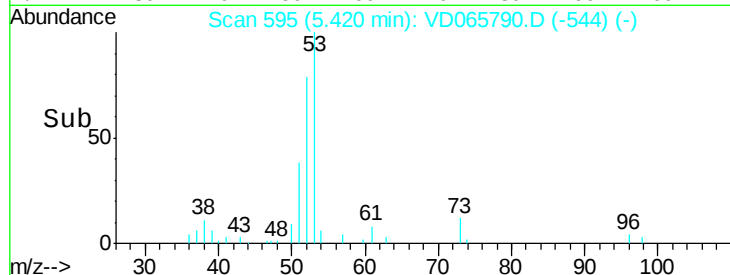
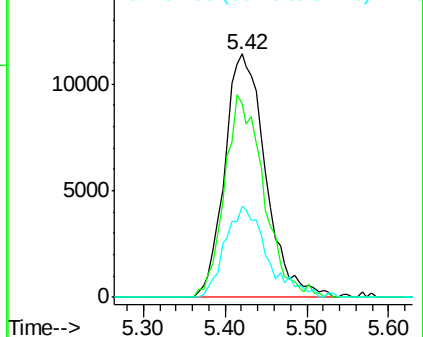
53 100

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

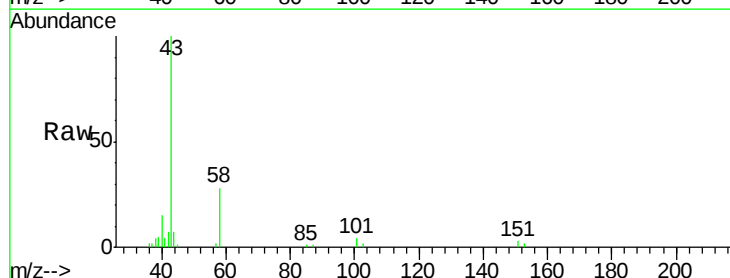
Acq: 12 Jun 2020 12:23

Tgt Ion: 43 Resp: 37535

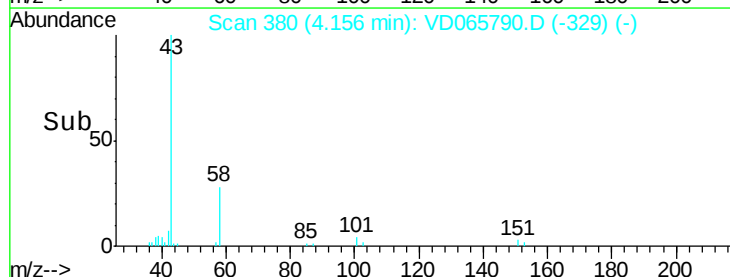
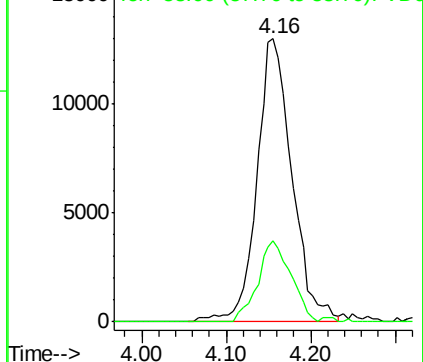
Ion Ratio Lower Upper

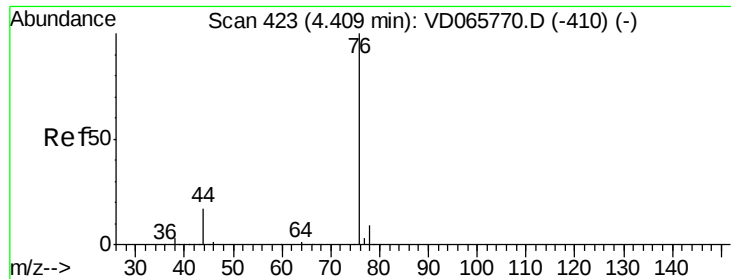
43 100

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

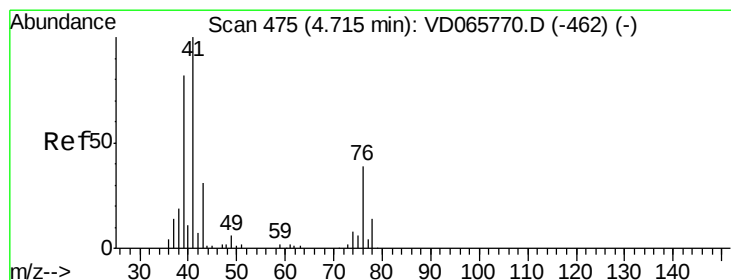
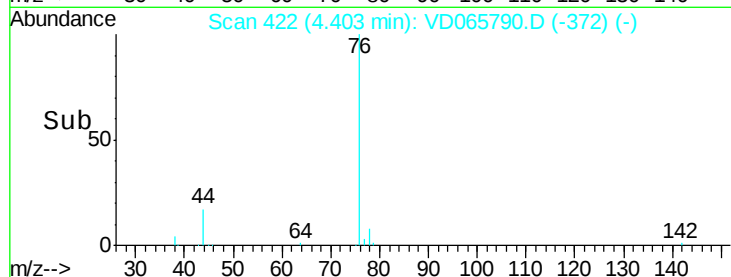
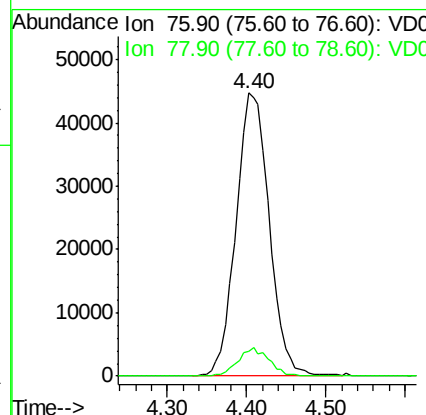
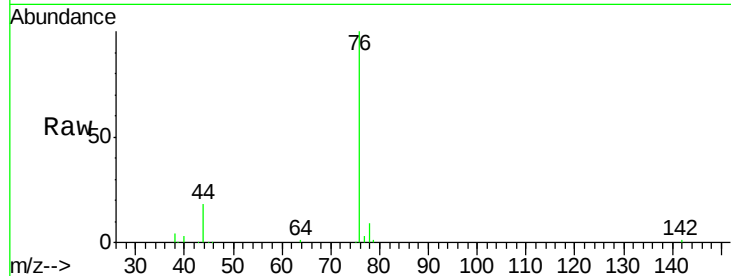




#17
Carbon Disulfide
Concen: 21.451 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

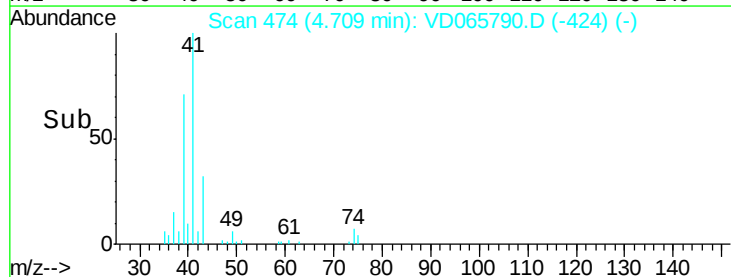
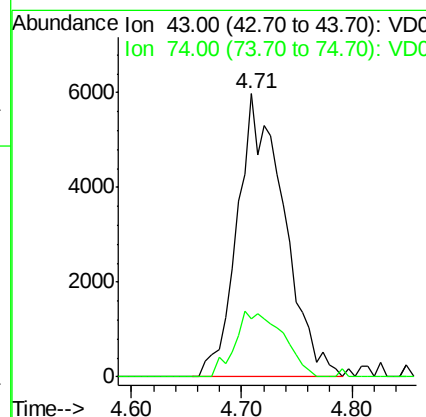
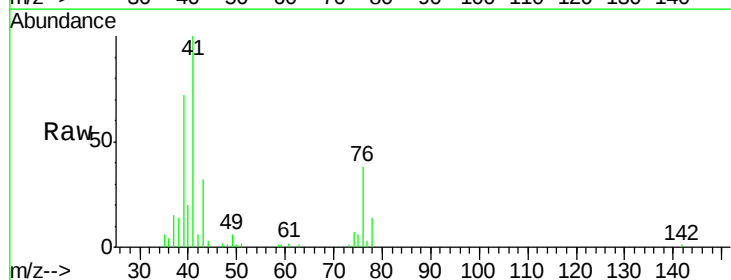
Instrument :
MSVOA_D
ClientSampleId :

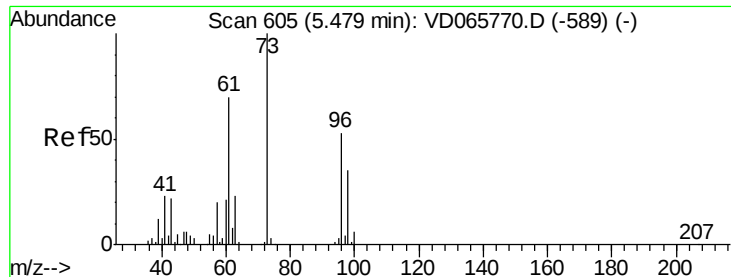
Tot Ion: 76 Resp: 130125
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#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

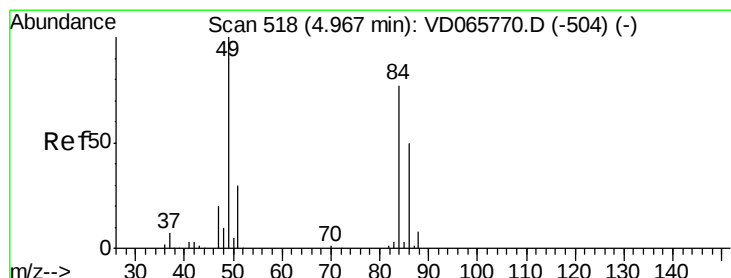
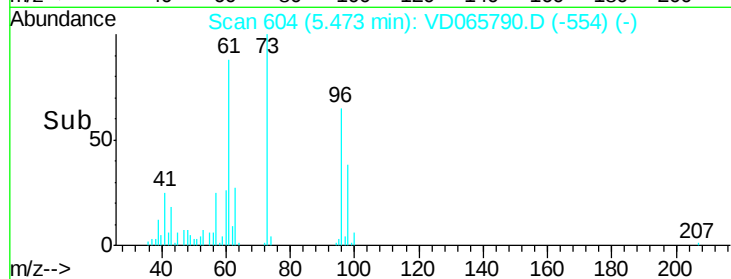
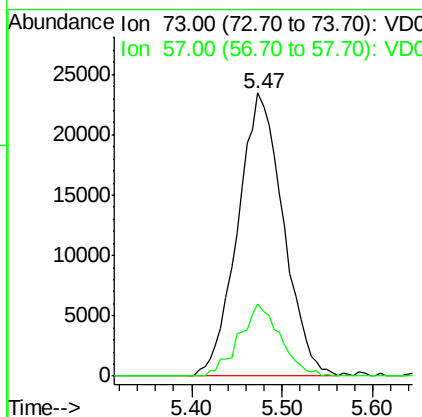
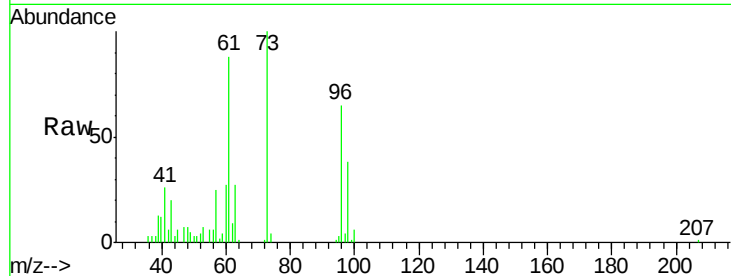




#19
Methvl tert-butvl Ether
Concen: 19.998 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

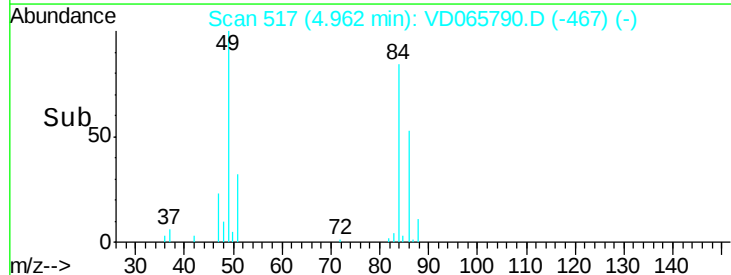
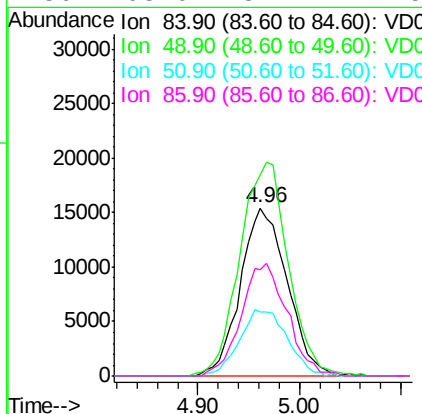
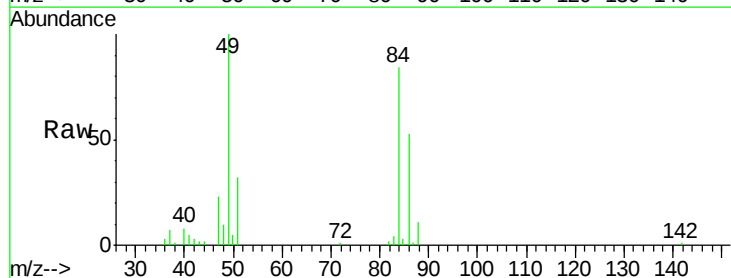
Instrument :
MSVOA_D
ClientSampled :

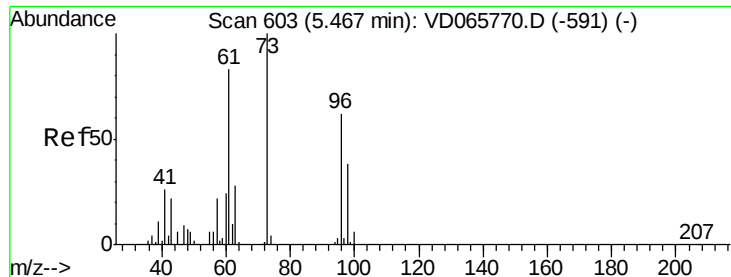
Tot Ion: 73 Resp: 81867
Ion Ratio Lower Upper
73 100
57 25.5 16.2 24.2#



#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 :

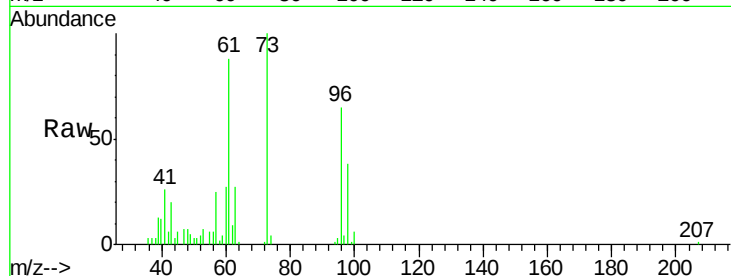
Tot Ion: 96 Resp: 45238

Ion Ratio Lower Upper

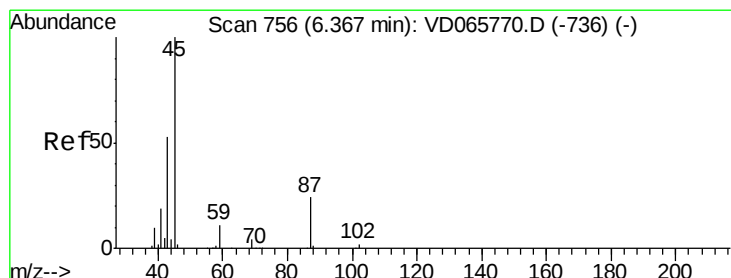
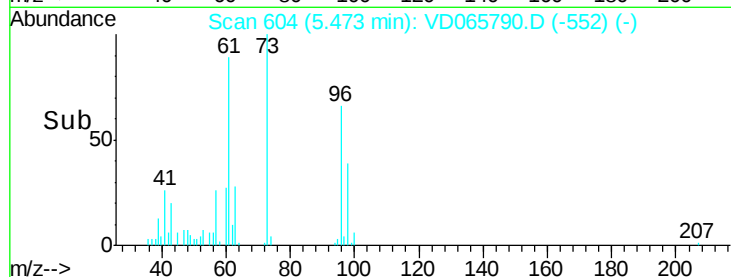
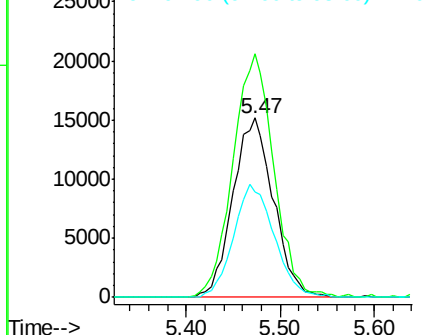
96 100

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

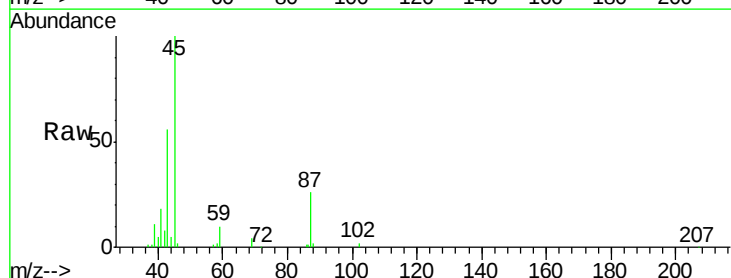
Ion Ratio Lower Upper

45 100

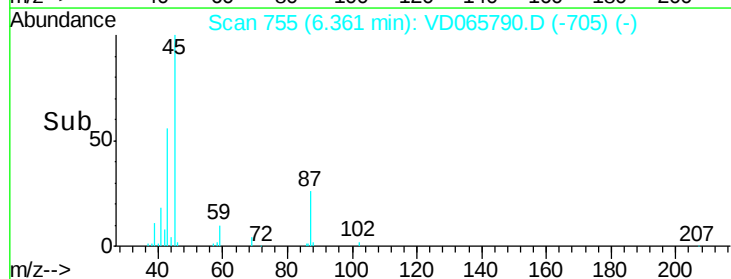
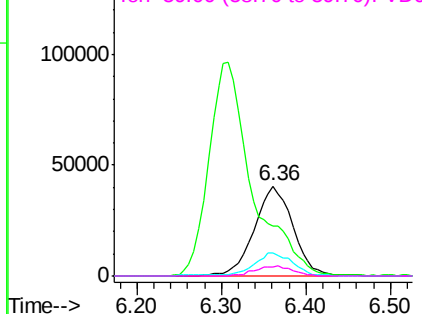
43 54.3 43.4 65.0

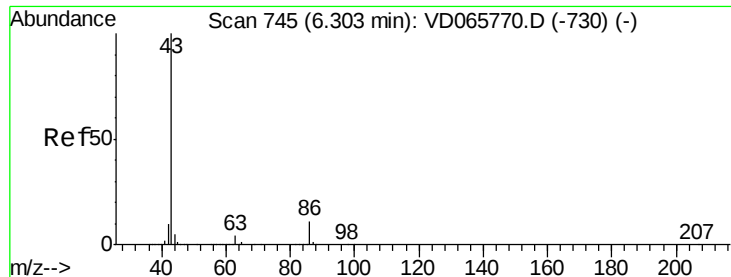
87 25.7 20.2 30.4

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

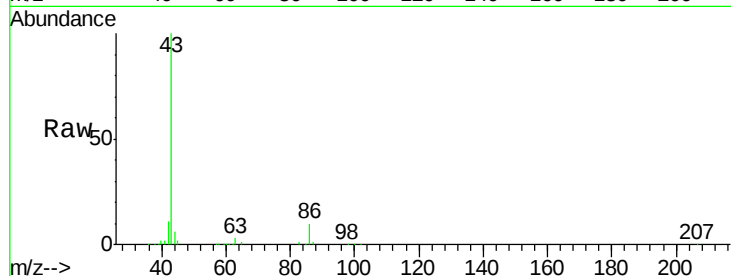
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 345255

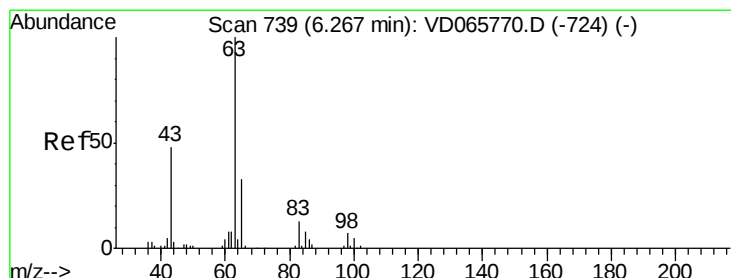
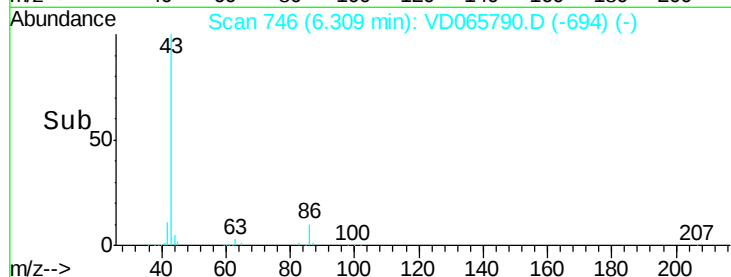
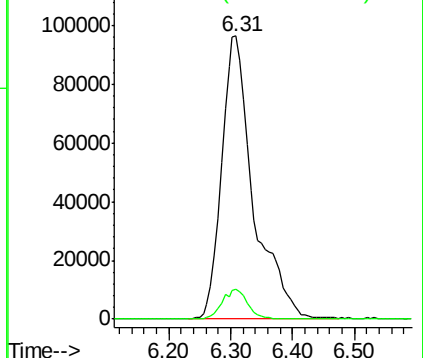
Ion Ratio Lower Upper

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

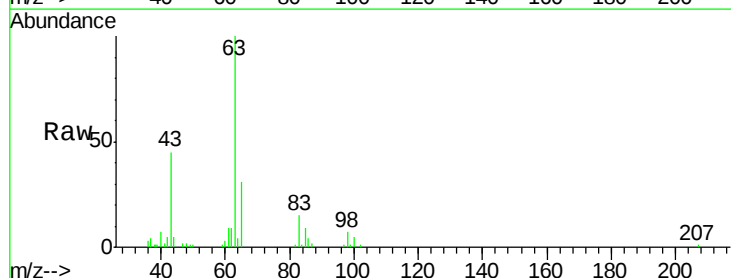
Tgt Ion: 63 Resp: 76473

Ion Ratio Lower Upper

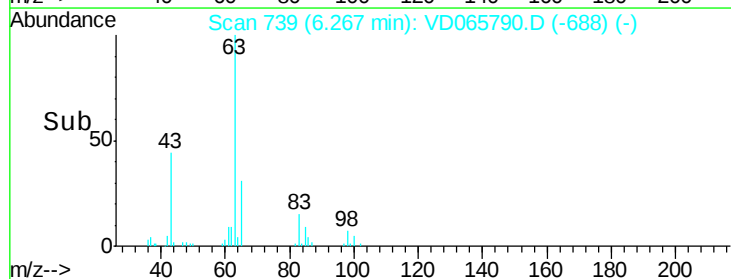
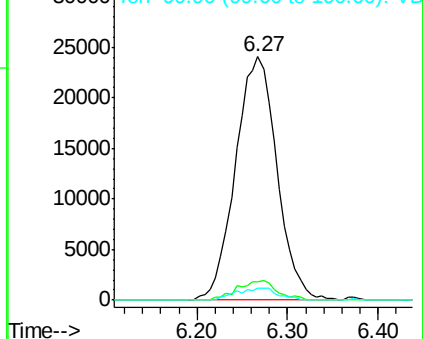
63 100

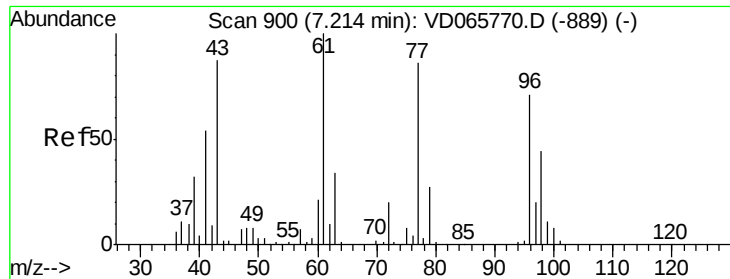
98 7.4 3.5 10.5

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

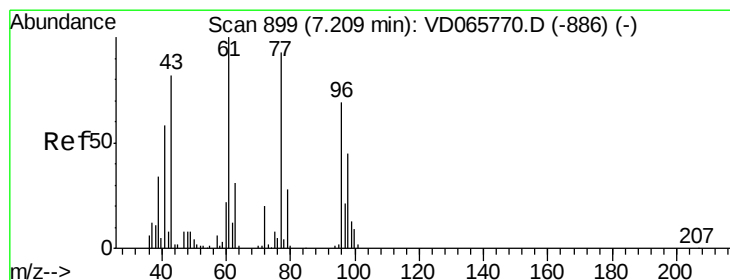
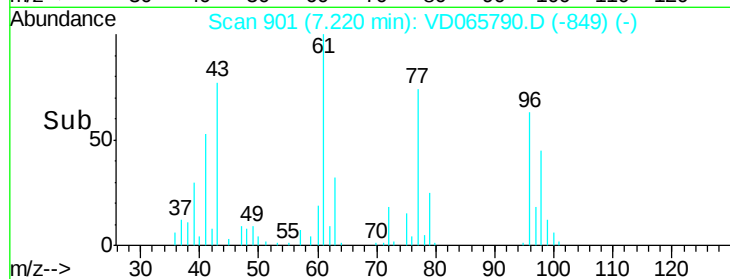
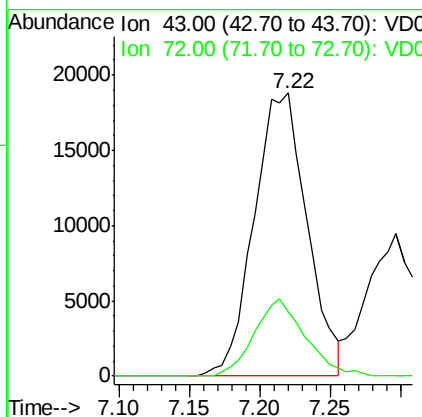
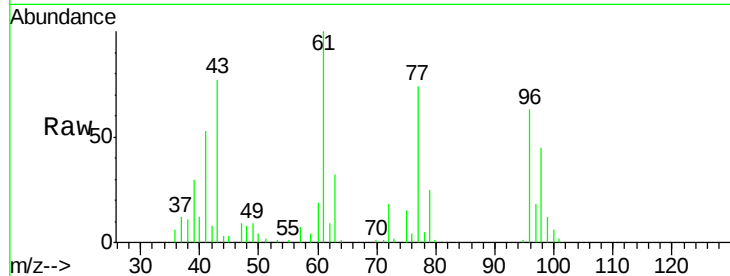




#25
2-Butanone
Concen: 96.580 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

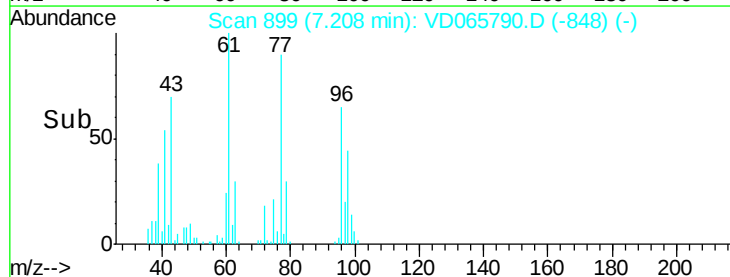
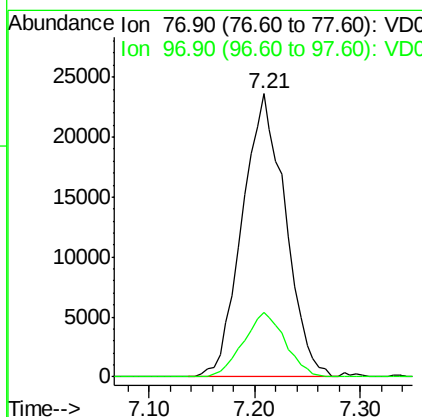
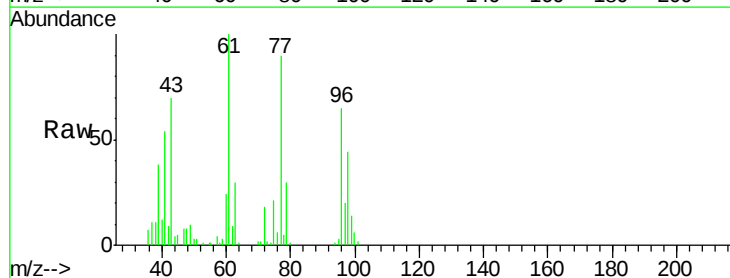
Instrument :
MSVOA_D
ClientSampleId :

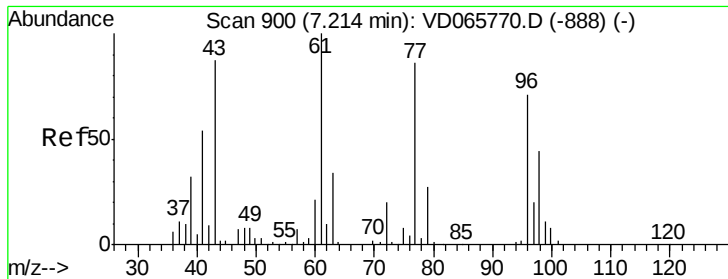
Tot Ion: 43 Resp: 49463
Ion Ratio Lower Upper
43 100
72 22.7 18.5 27.7



#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



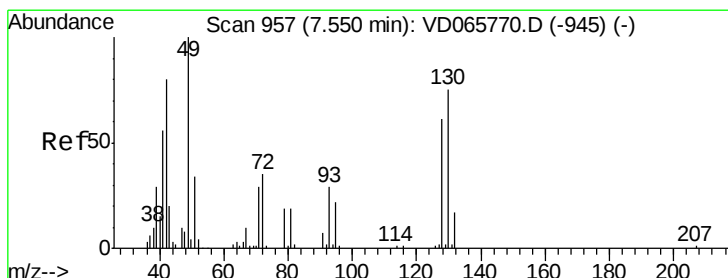
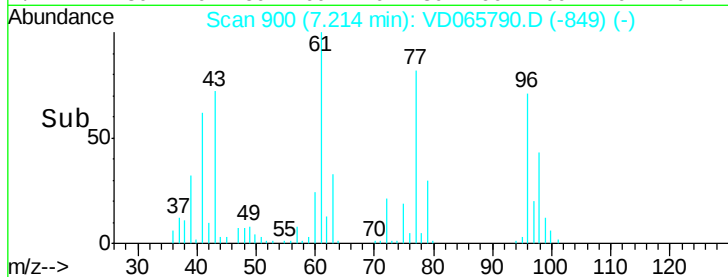
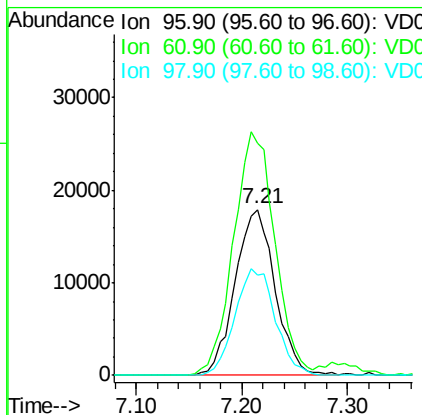
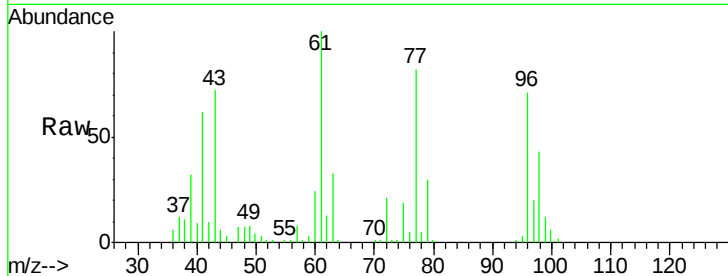


#27

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 :

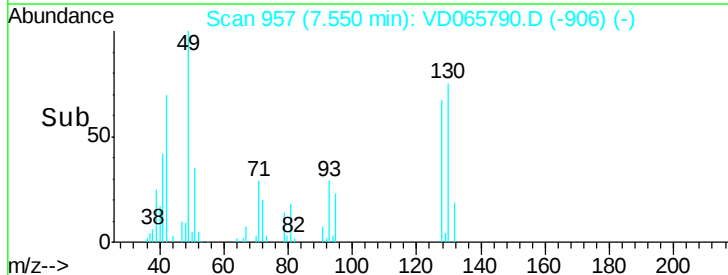
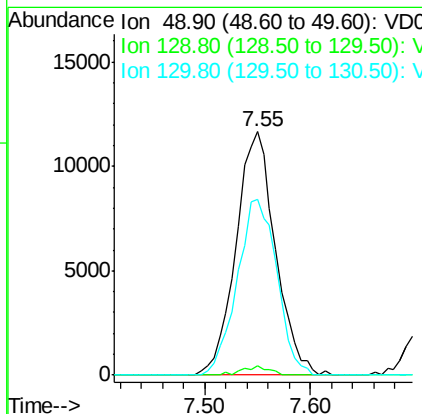
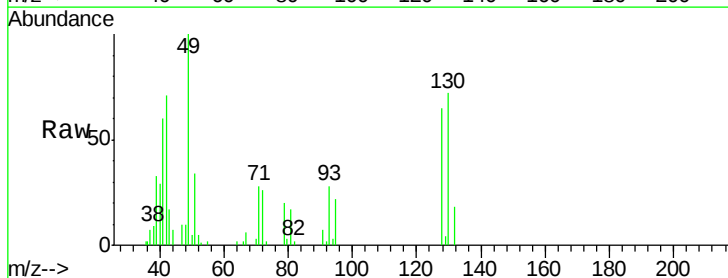
Tot Ion: 96 Resp: 47204
Ion Ratio Lower Upper
96 100
61 150.8 0.0 291.2
98 64.5 0.0 128.8

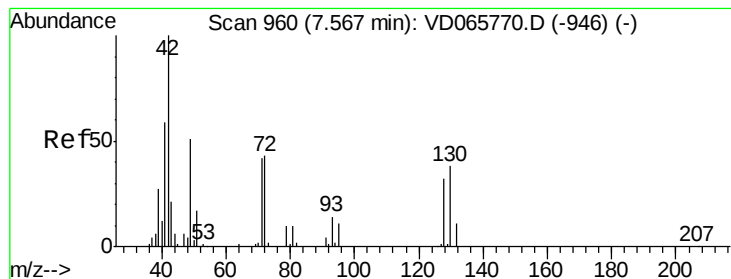


#28

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





#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

ClientSampled :

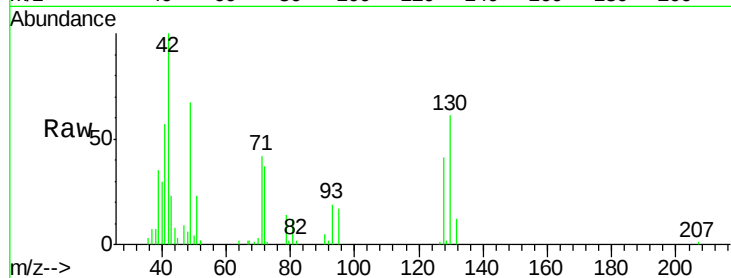
Tot Ion: 42 Resp: 31988

Ion Ratio Lower Upper

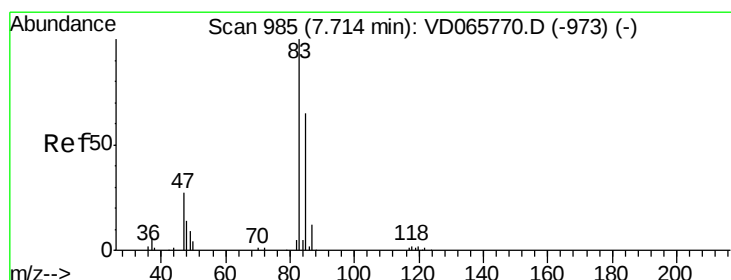
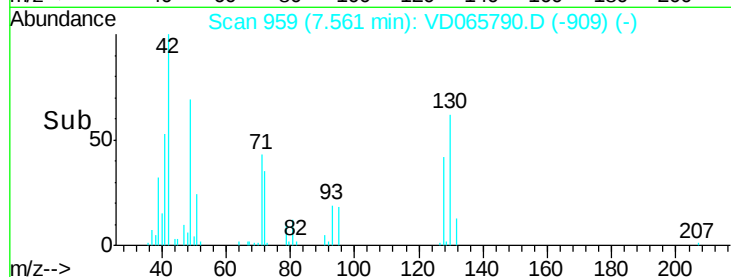
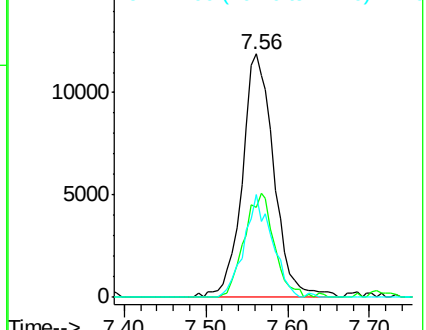
42 100

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

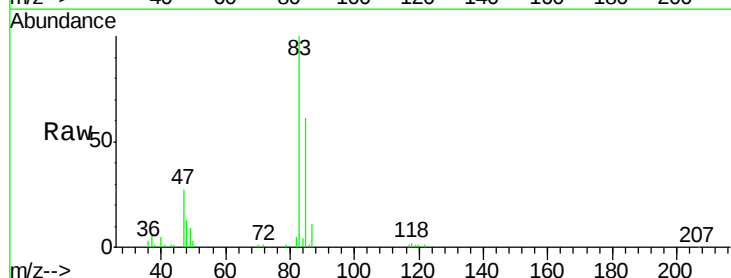
Acq: 12 Jun 2020 12:23

Tgt Ion: 83 Resp: 80017

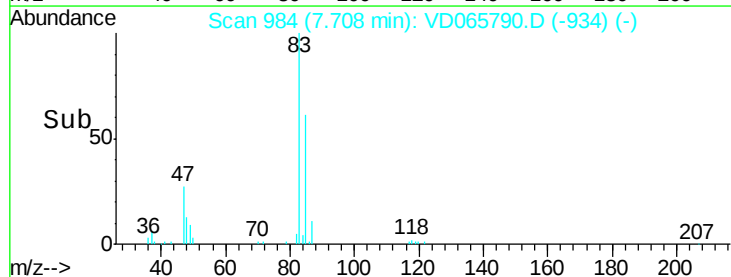
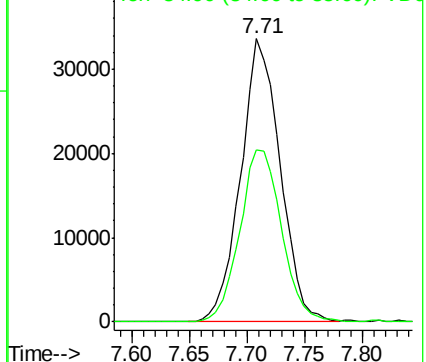
Ion Ratio Lower Upper

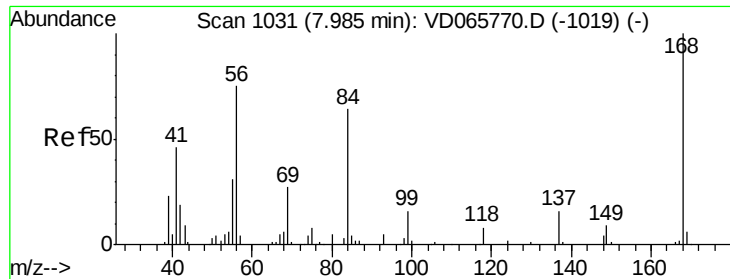
83 100

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

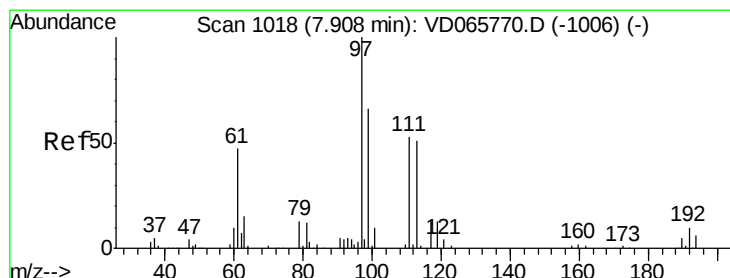
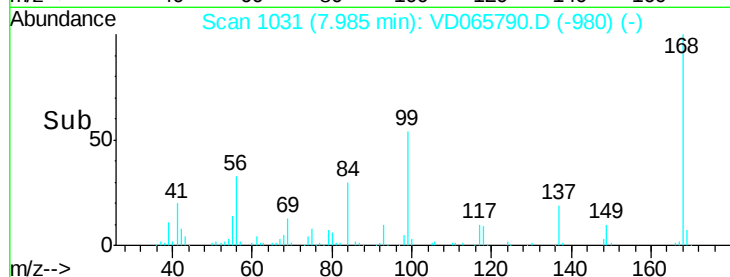
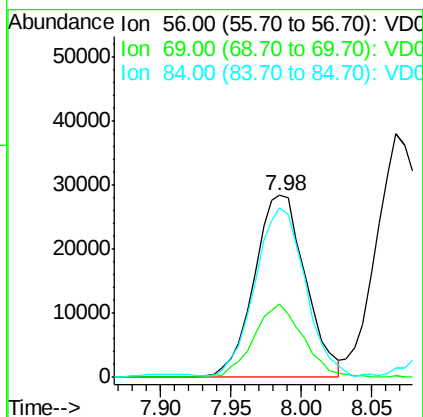
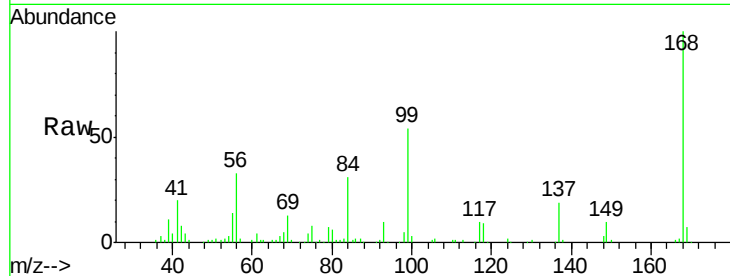




#31
Cyclohexane
Concen: 20.497 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

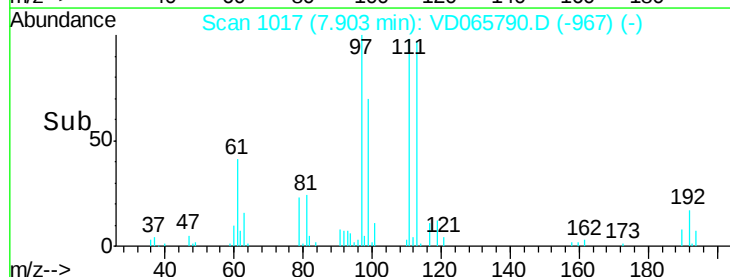
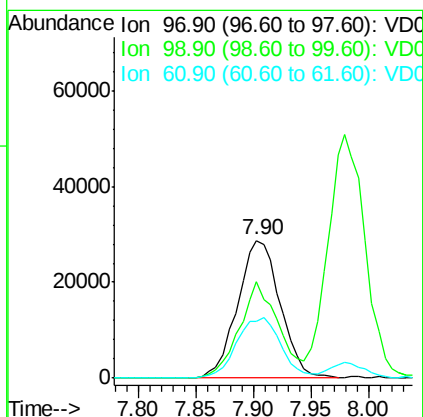
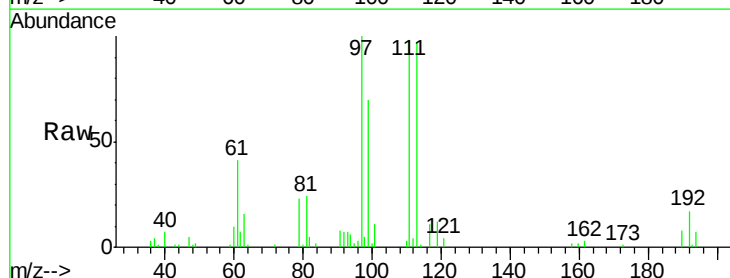
Instrument :
MSVOA_D
ClientSampleId :

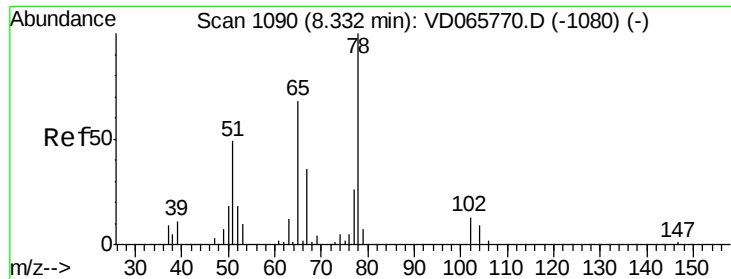
Tot Ion: 56 Resp: 72264
Ion Ratio Lower Upper
56 100
69 40.3 28.5 42.7
84 91.2 68.4 102.6



#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





#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

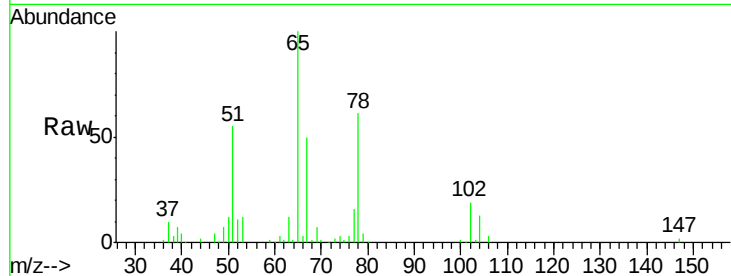
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 65 Resp: 101629

Ion Ratio Lower Upper

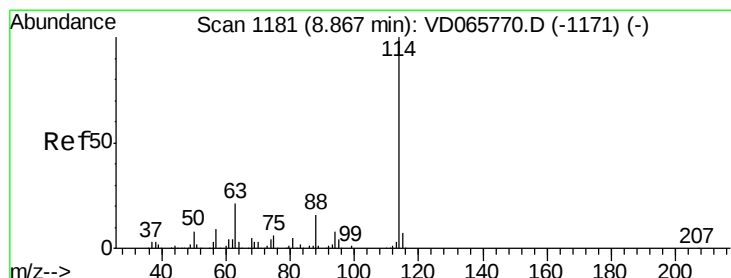
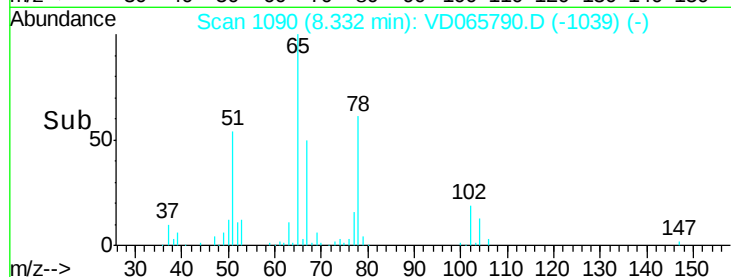
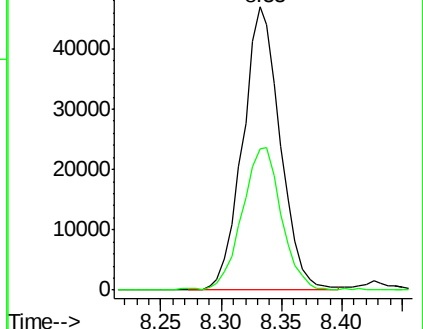
65 100

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

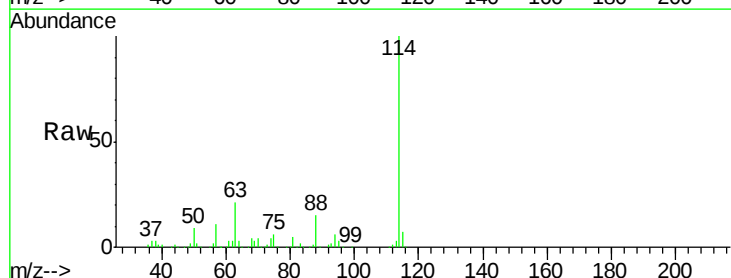
Tgt Ion: 114 Resp: 317613

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

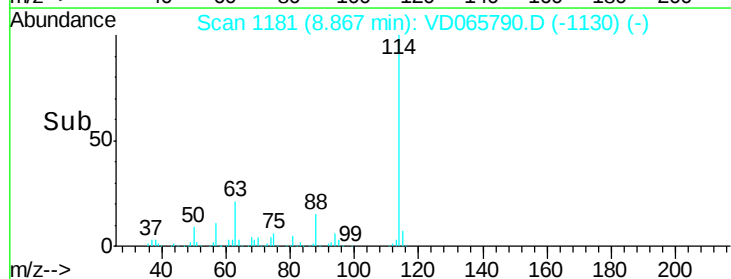
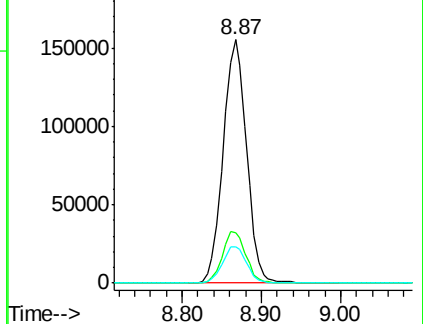
88 14.9 0.0 32.0

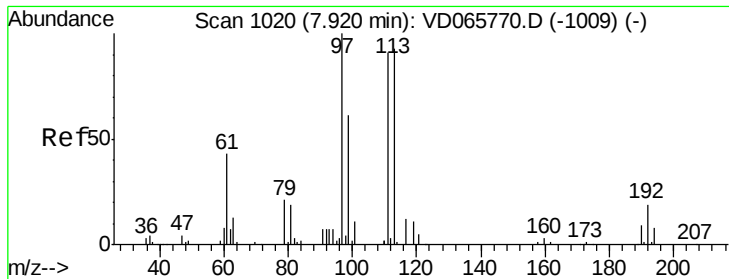


Abundance Ion 113.90 (113.60 to 114.60): V

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
ClientSampled :

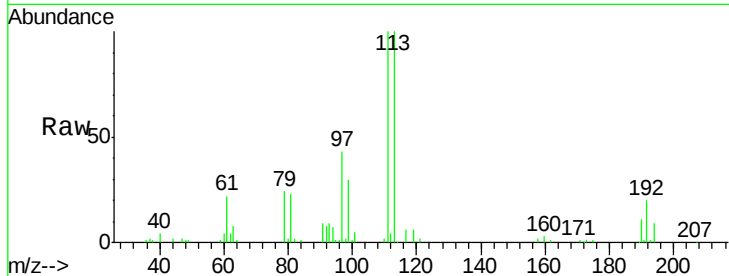
Tot Ion:113 Resp: 99882

Ion Ratio Lower Upper

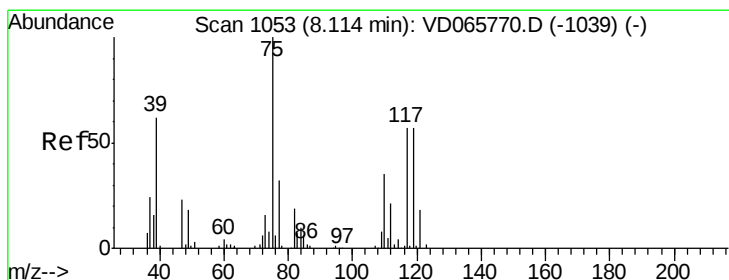
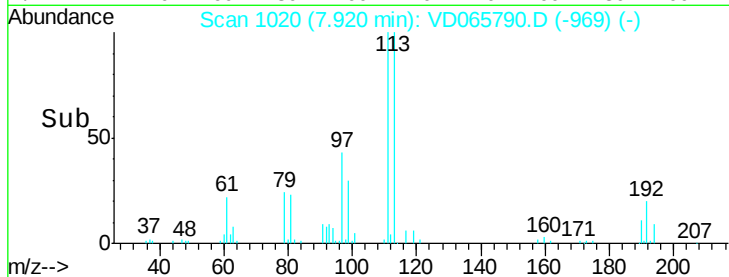
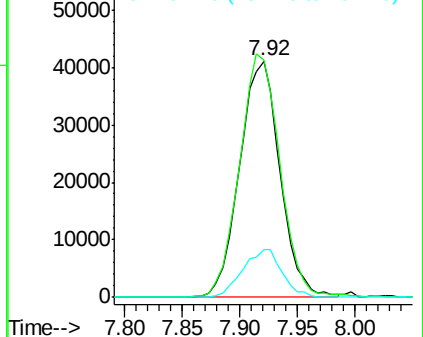
113 100

111 104.0 83.4 125.0

192 19.8 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#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

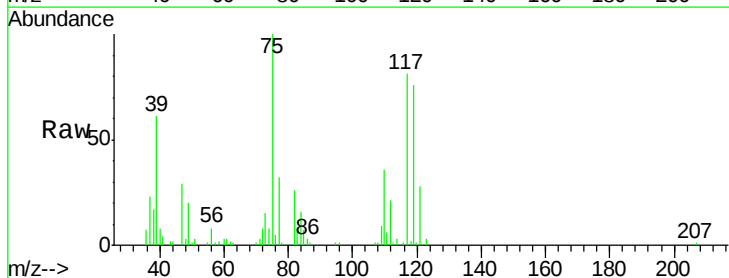
Tgt Ion: 75 Resp: 63914

Ion Ratio Lower Upper

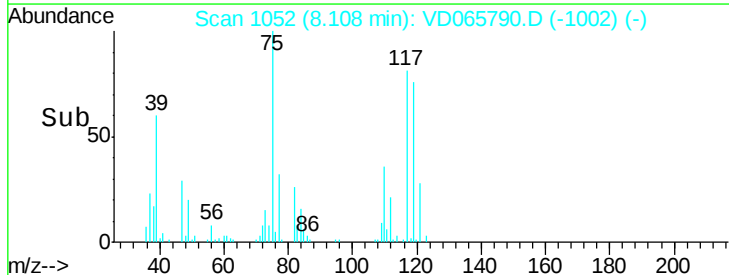
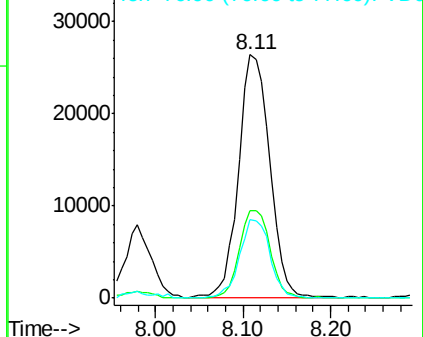
75 100

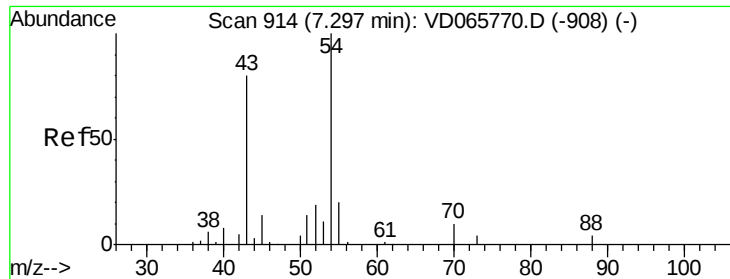
110 35.2 17.6 52.8

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

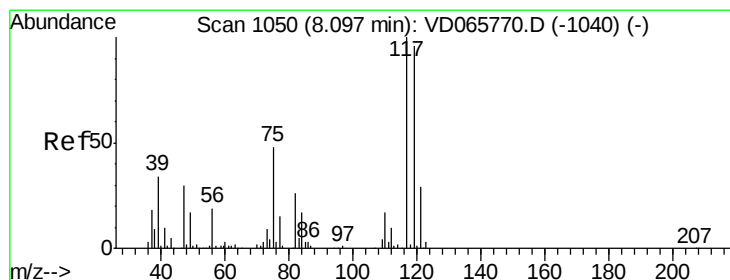
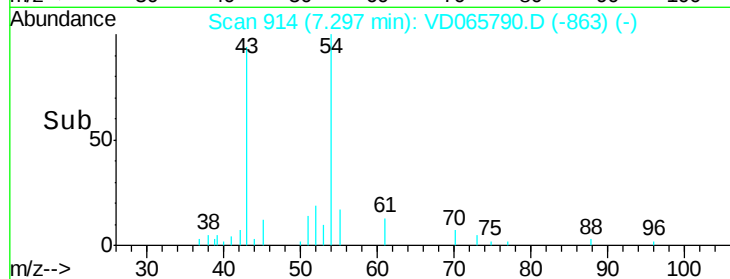
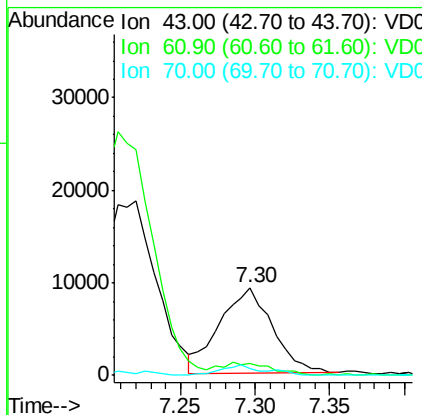
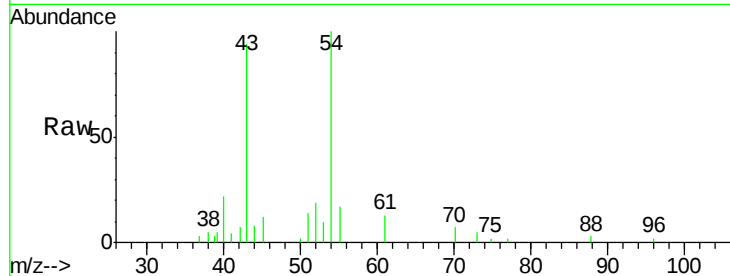




#37
Ethyl Acetate
Concen: 18.850 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

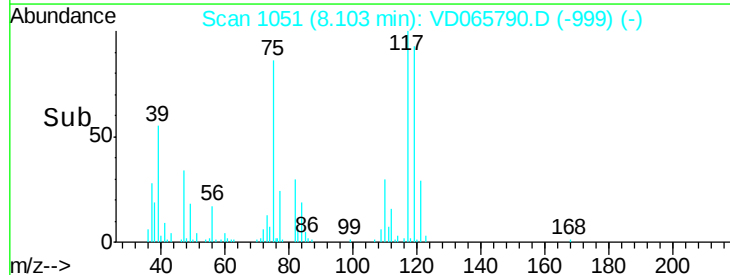
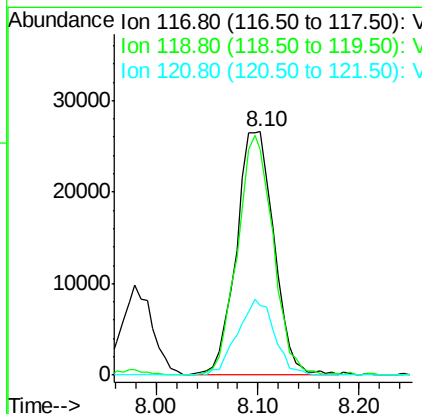
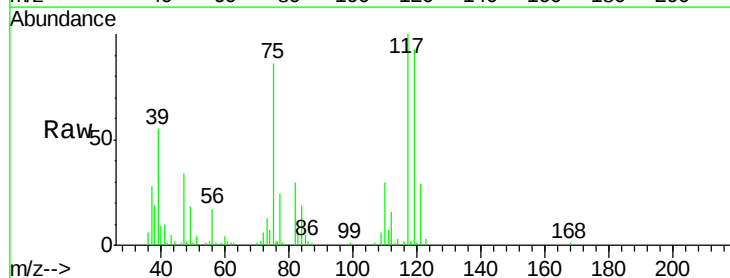
Instrument :
MSVOA_D
ClientSampleId :

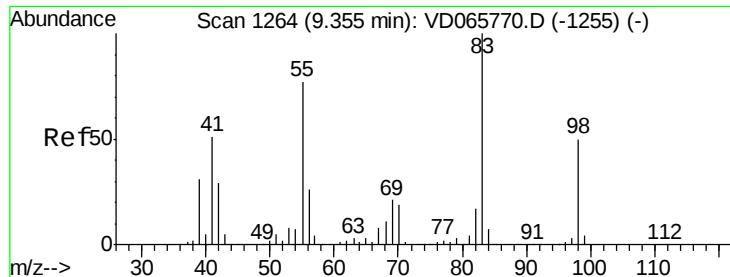
Tot Ion: 43 Resp: 22590
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 8.4 7.5 11.3



#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

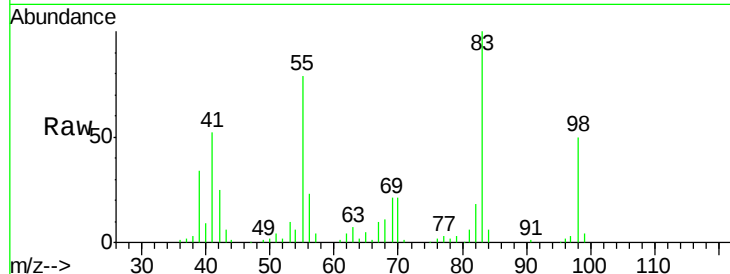




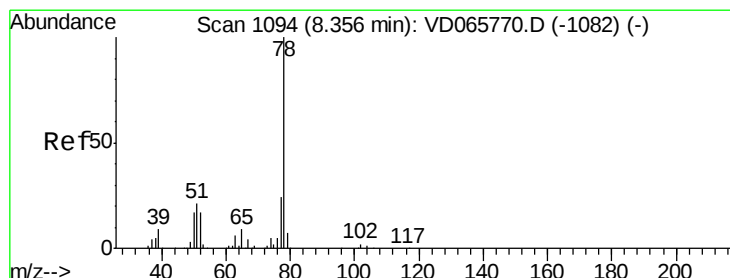
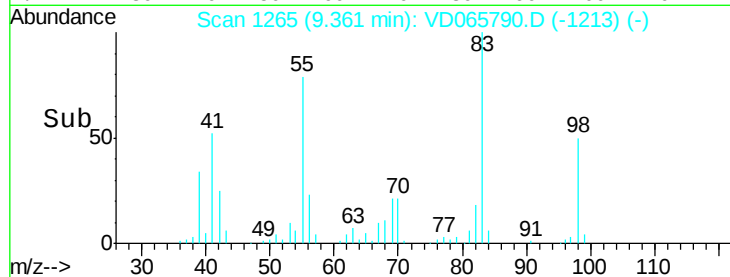
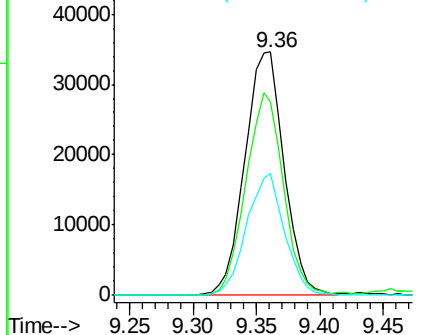
#39
Methvlcvclohexane
Concen: 20.753 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :

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

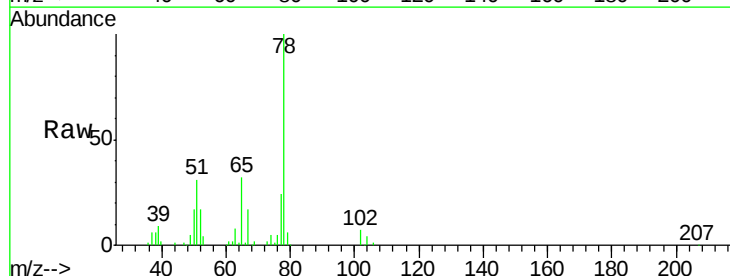


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

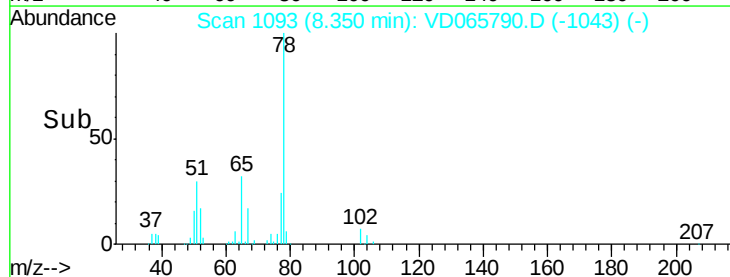
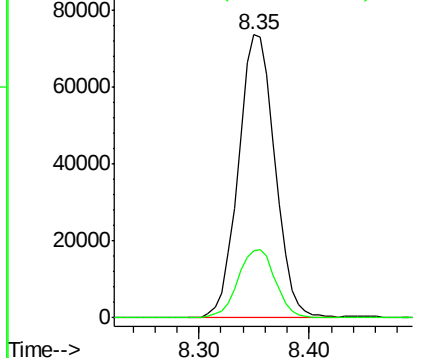


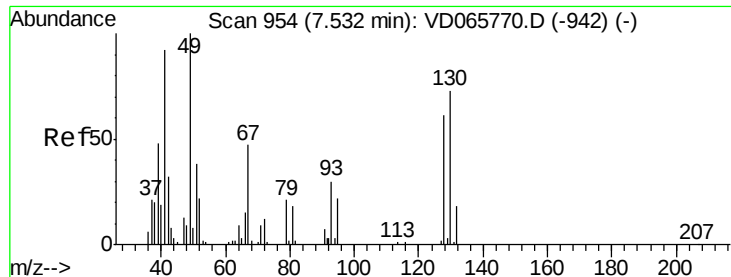
#40
Benzene
Concen: 20.649 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

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: 44.974 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD065790.D

Acq: 12 Jun 2020 12:23

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 32093

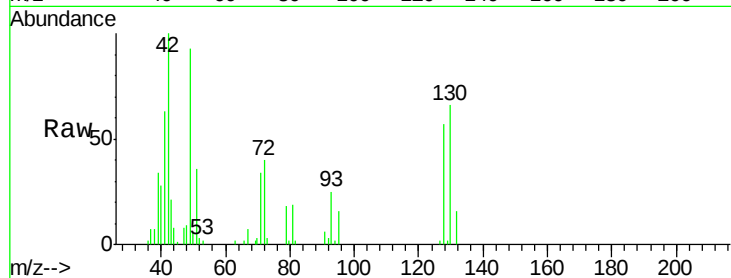
Ion Ratio Lower Upper

41 100

39 29.0 38.3 57.5#

67 0.0 49.8 74.6#

52 0.0 21.7 32.5#

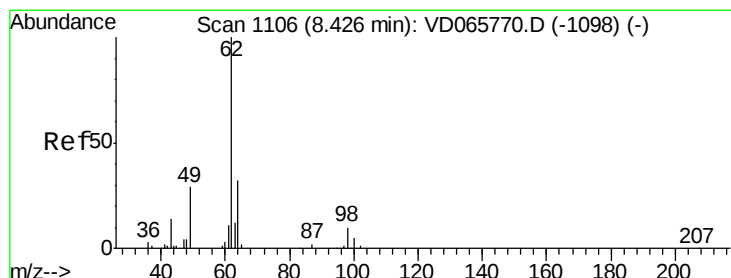
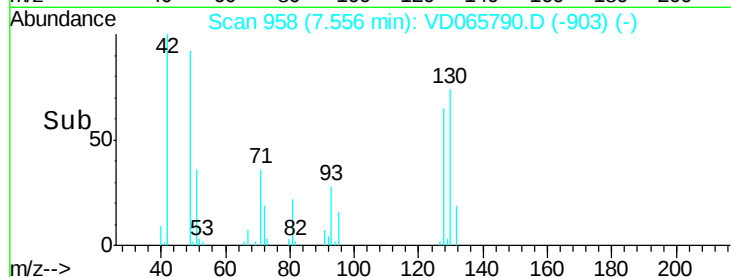
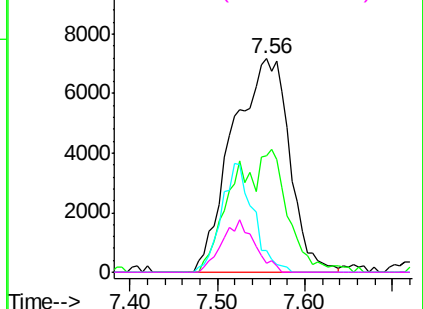


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#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

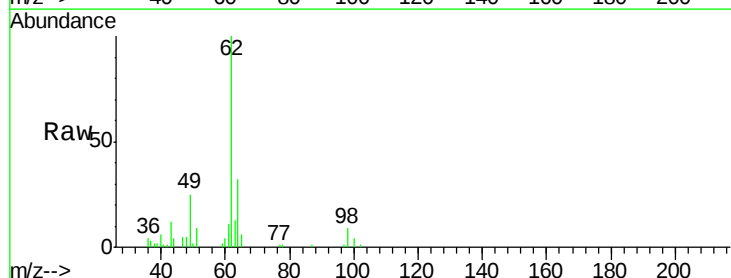
Acq: 12 Jun 2020 12:23

Tgt Ion: 62 Resp: 51159

Ion Ratio Lower Upper

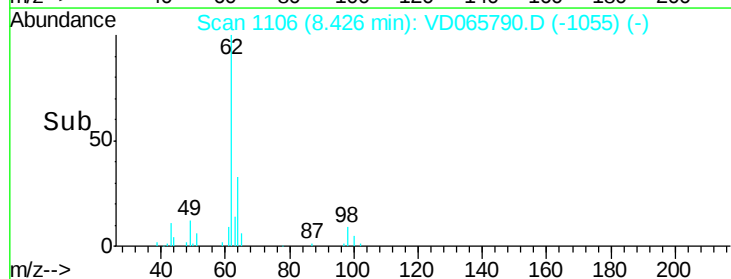
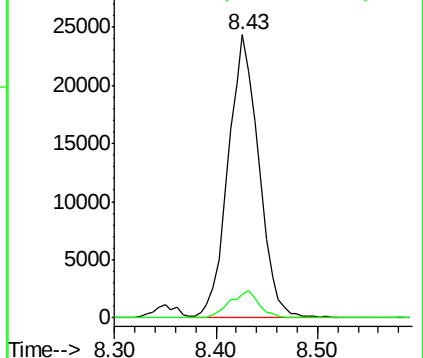
62 100

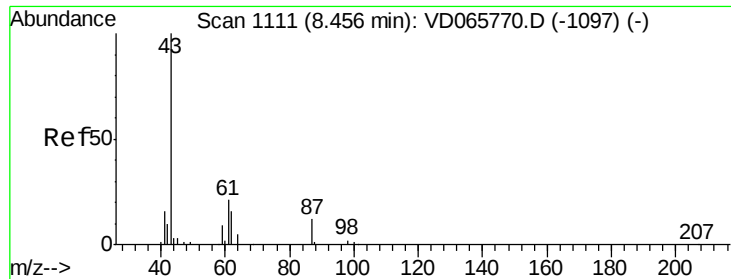
98 9.2 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#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 :

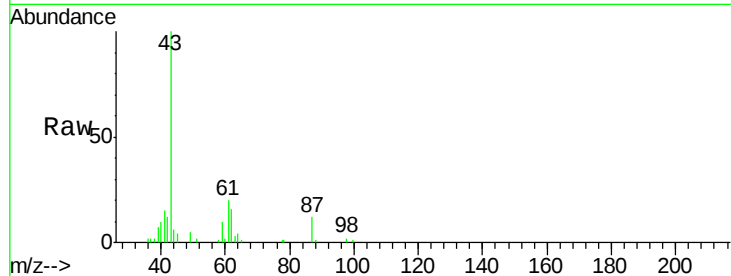
Tot Ion: 43 Resp: 44915

Ion Ratio Lower Upper

43 100

61 31.9 24.2 36.4

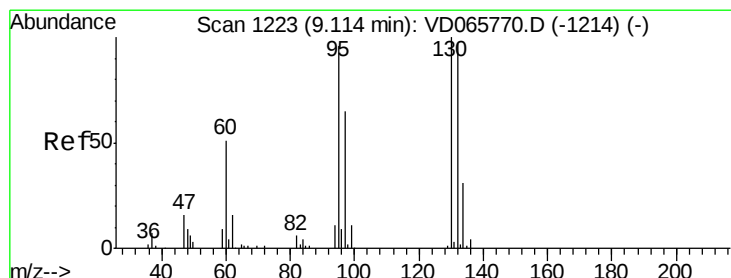
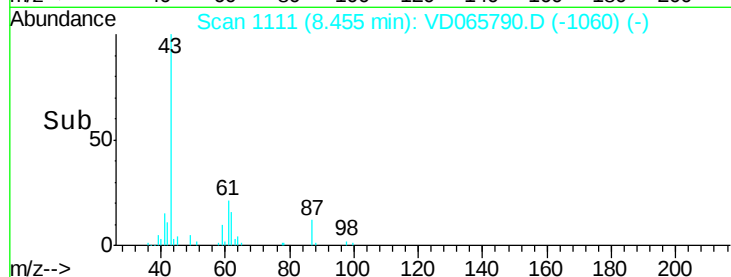
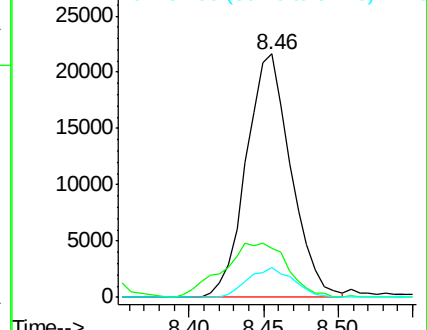
87 12.3 9.5 14.3



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

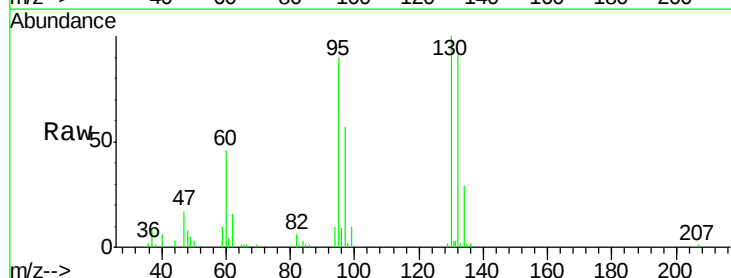
Acq: 12 Jun 2020 12:23

Tgt Ion: 130 Resp: 47958

Ion Ratio Lower Upper

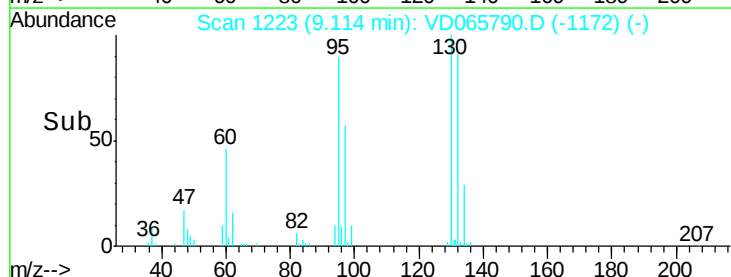
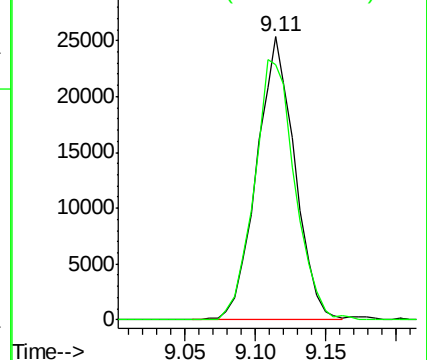
130 100

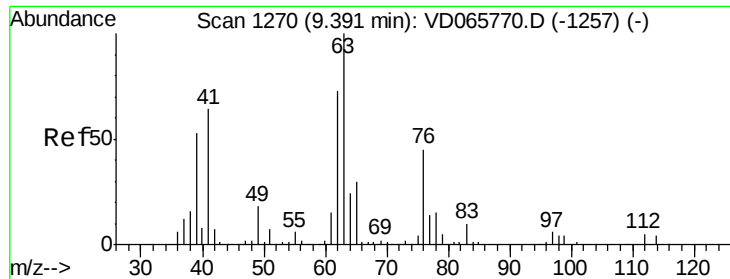
95 90.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

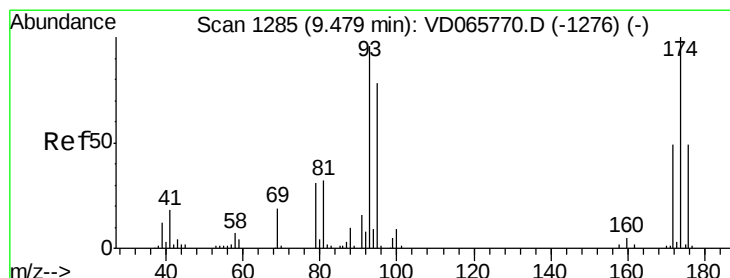
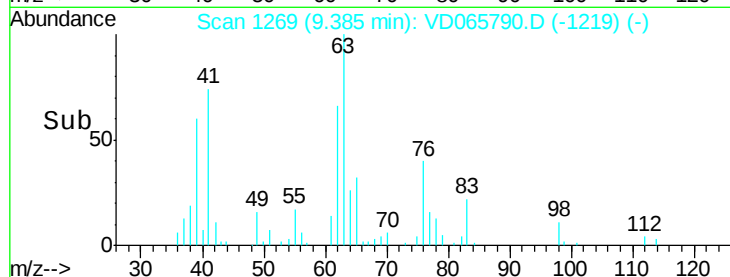
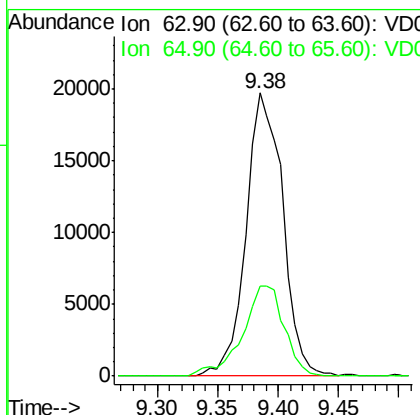
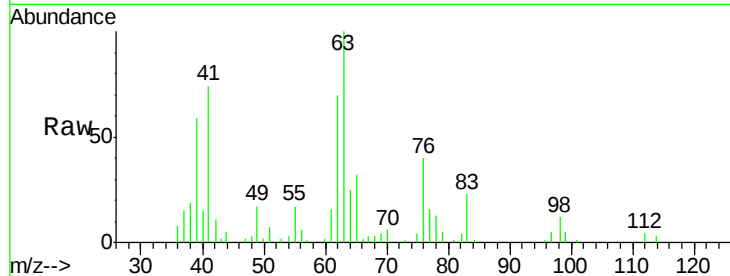




#45
 1,2-Dichloropropane
 Concen: 20.057 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

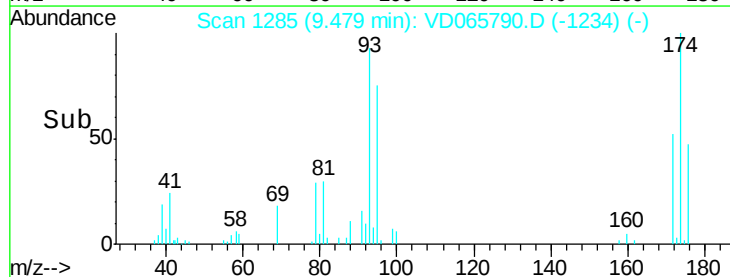
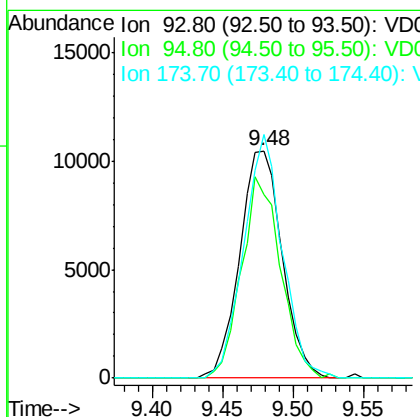
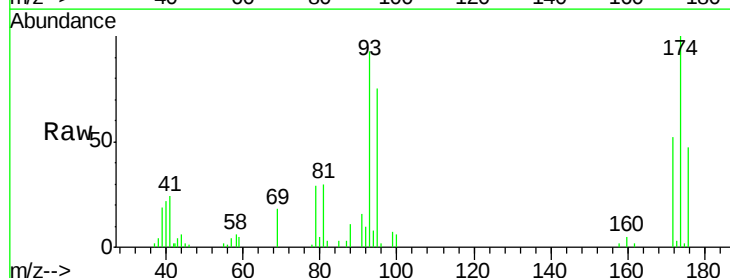
Instrument :
 MSVOA_D
 ClientSampleId :

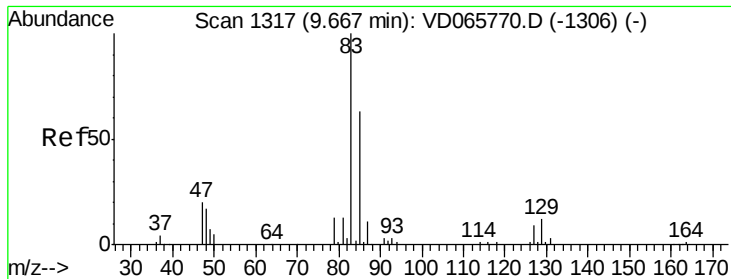
Tot Ion: 63 Resp: 41918
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.2



#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





#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 :

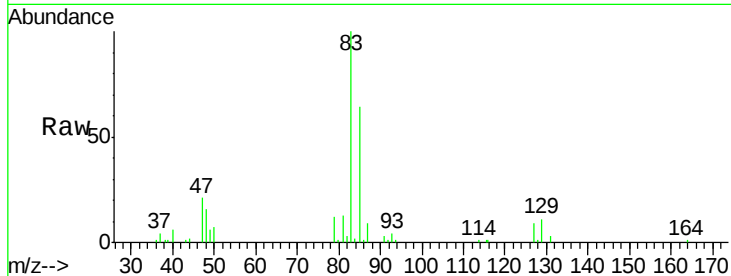
Tot Ion: 83 Resp: 62198

Ion Ratio Lower Upper

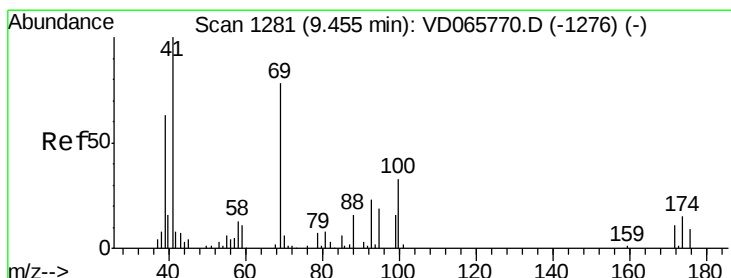
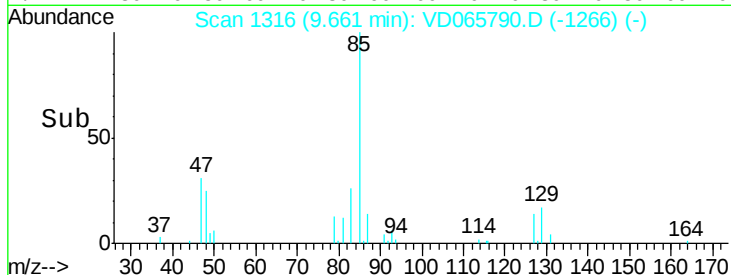
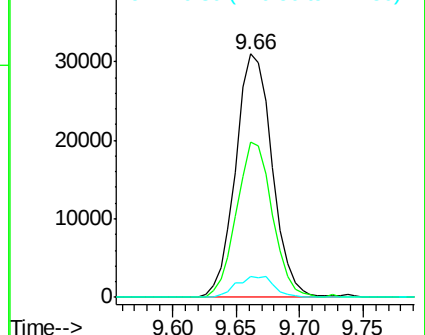
83 100

85 63.6 50.7 76.1

127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#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

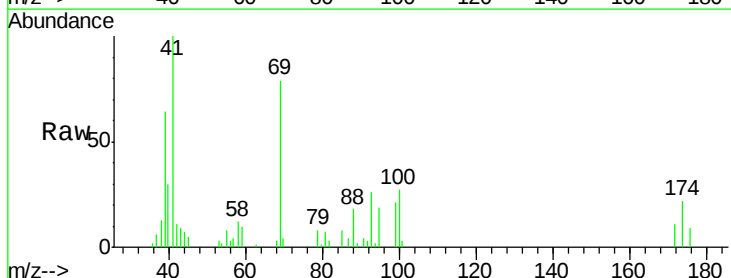
Tgt Ion: 41 Resp: 23215

Ion Ratio Lower Upper

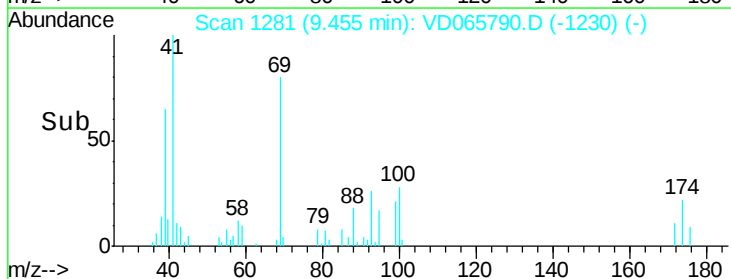
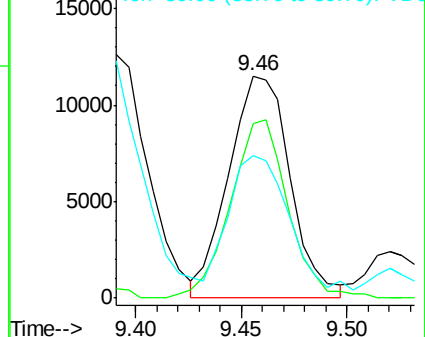
41 100

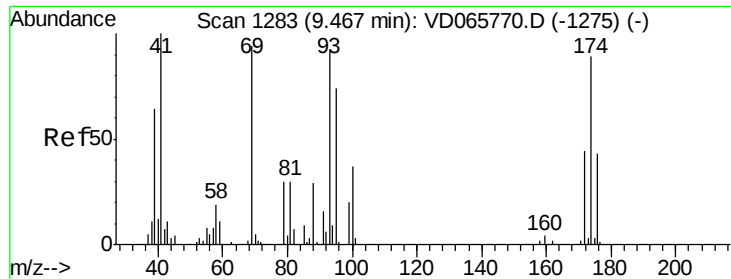
69 75.2 60.9 91.3

39 57.9 48.1 72.1



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

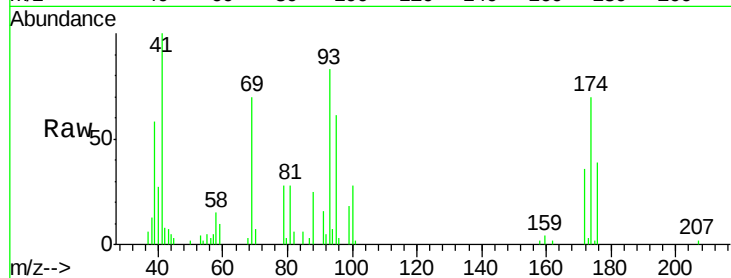




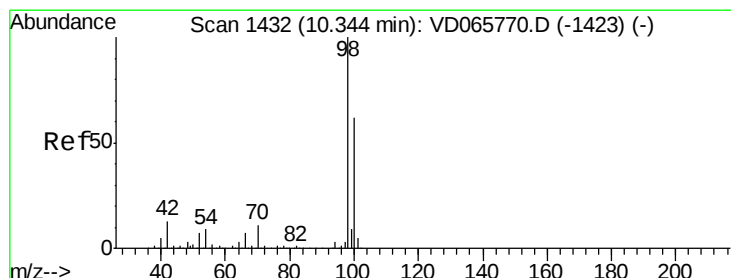
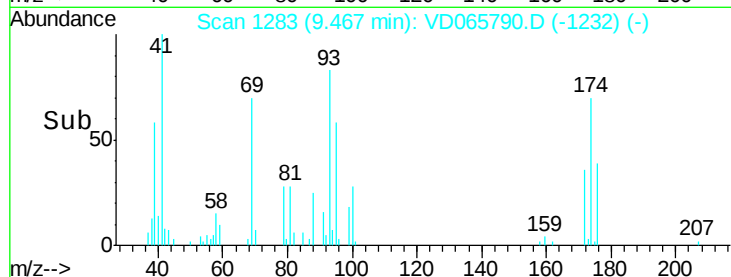
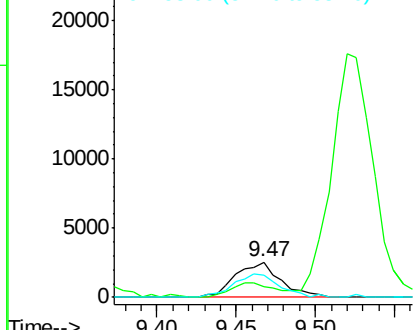
#49
 1,4-Dioxane
 Concen: 411.205 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :

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

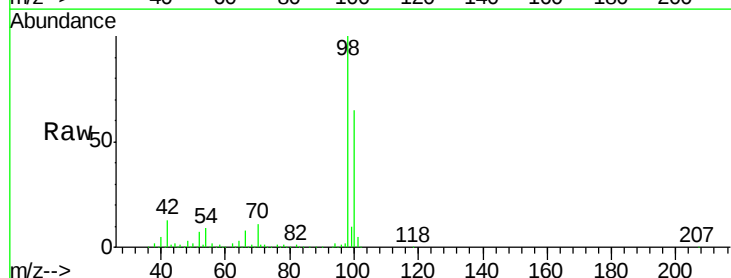


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

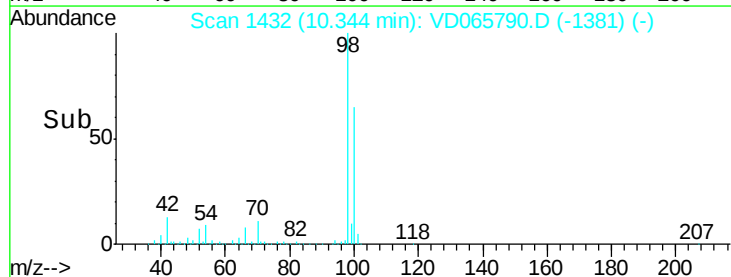
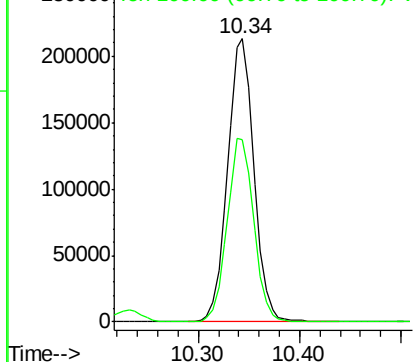


#50
 Toluene-d8
 Concen: 51.447 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

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

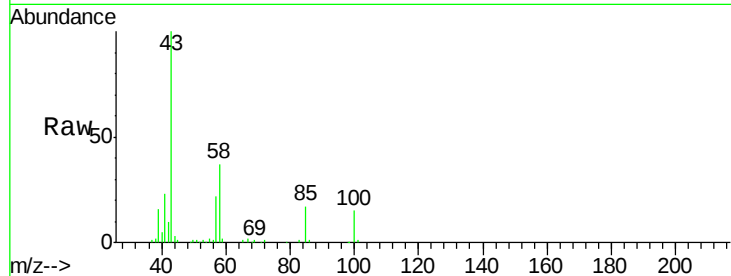
ClientSampleId :

Tot Ion: 43 Resp: 111284

Ion Ratio Lower Upper

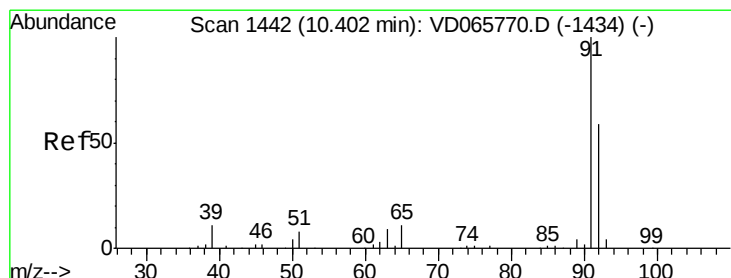
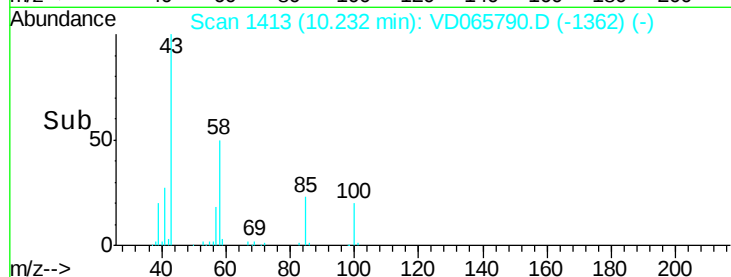
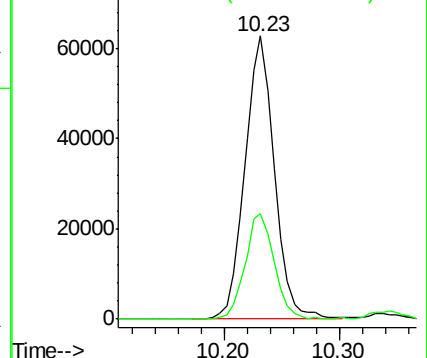
43 100

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

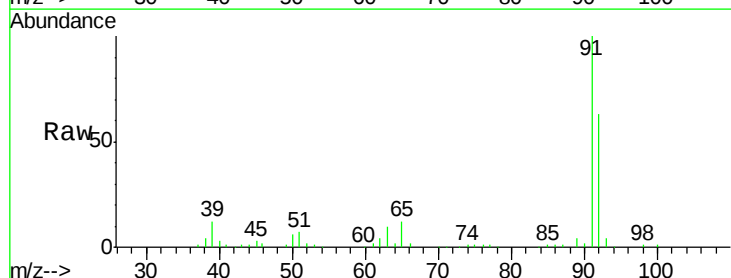
Acq: 12 Jun 2020 12:23

Tgt Ion: 92 Resp: 113206

Ion Ratio Lower Upper

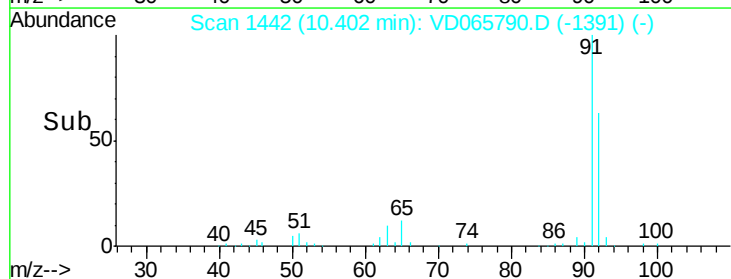
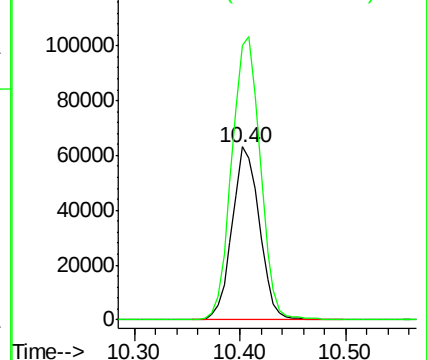
92 100

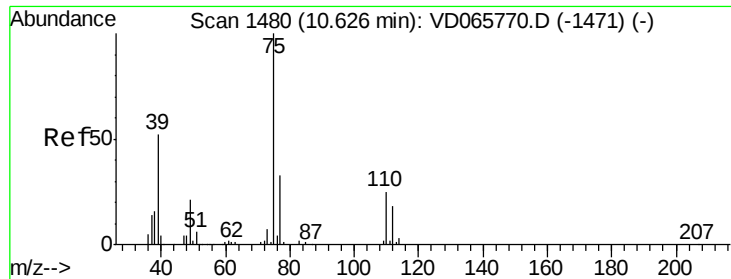
91 170.1 137.8 206.8



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

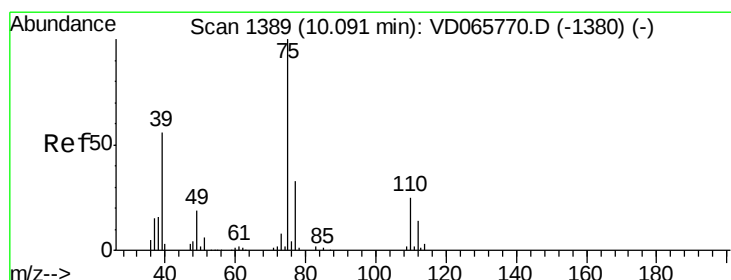
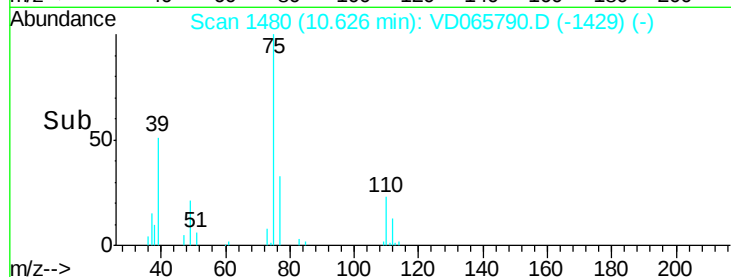
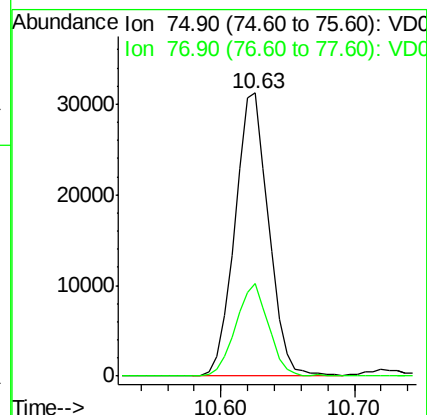
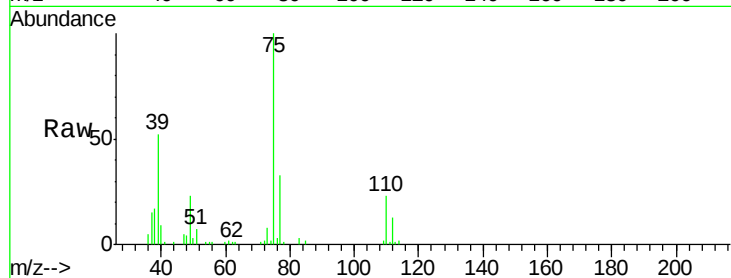
ClientSampleId :

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

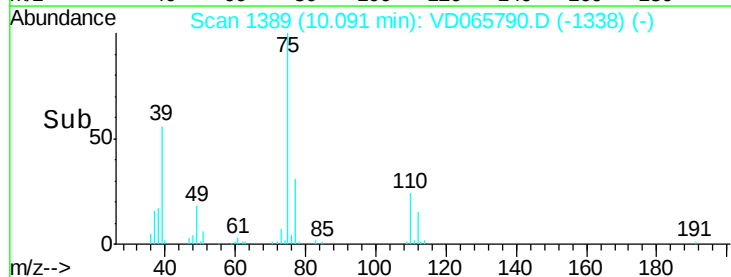
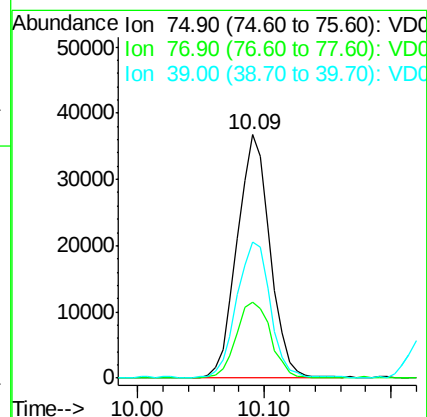
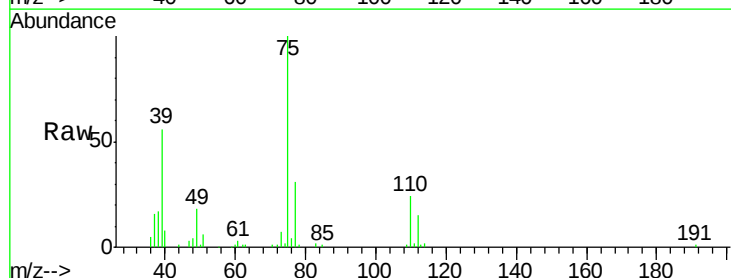
Tgt Ion: 75 Resp: 65826

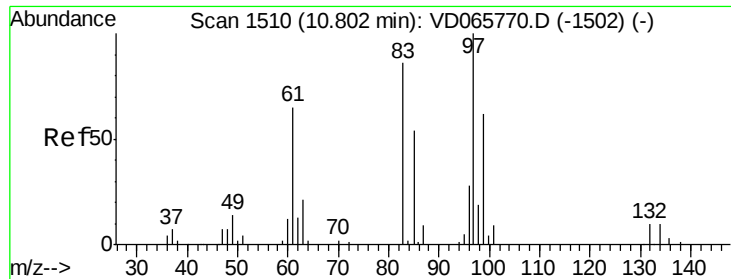
Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

39 56.1 45.0 67.6



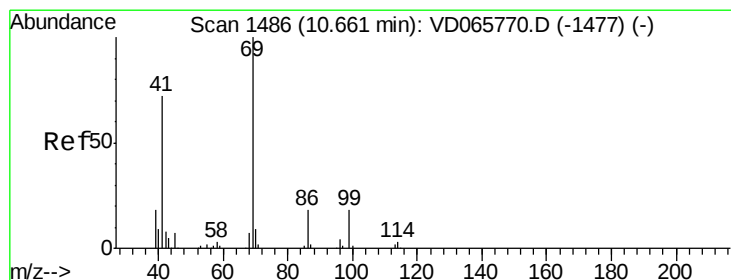
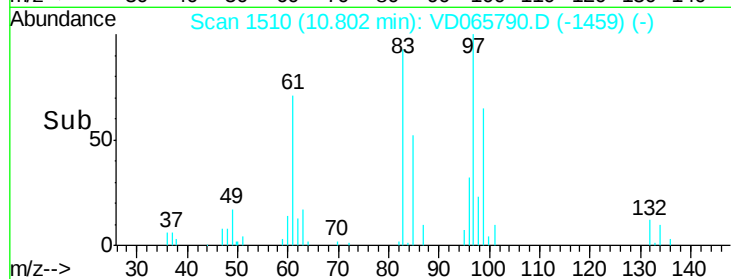
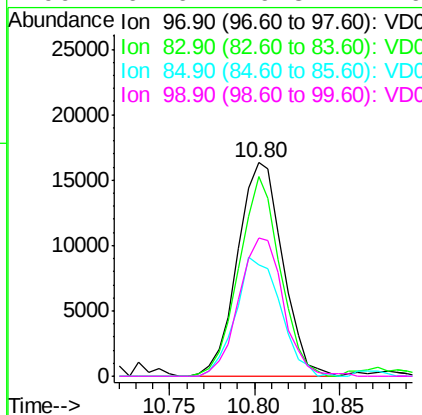
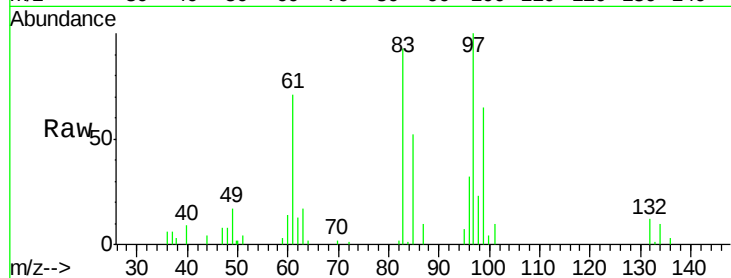


#55
 1,1,2-Trichloroethane
 Concen: 20.094 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 30433

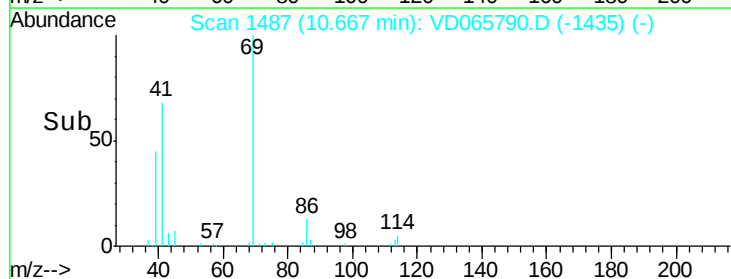
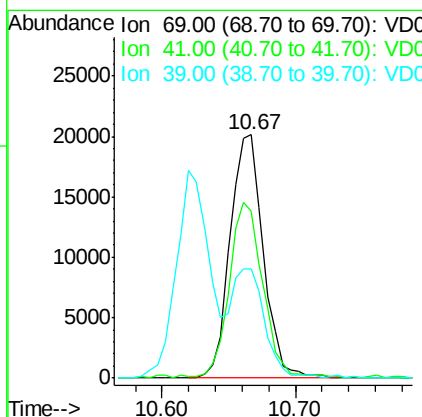
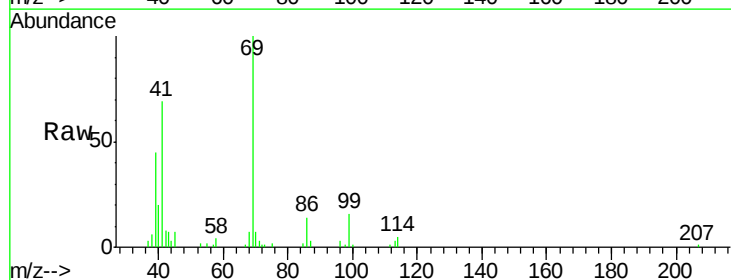
Ion	Ratio	Lower	Upper
97	100		
83	93.3	68.7	103.1
85	52.4	43.0	64.6
99	64.6	49.8	74.6

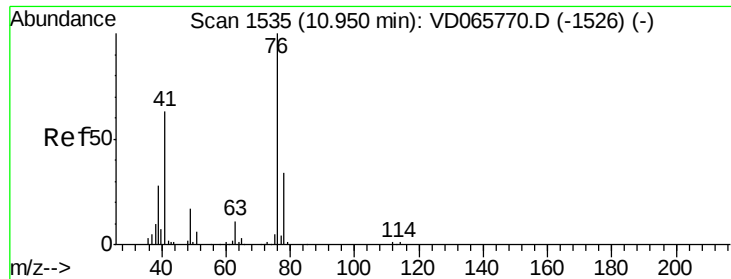


#56
 Ethyl methacrylate
 Concen: 19.591 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

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

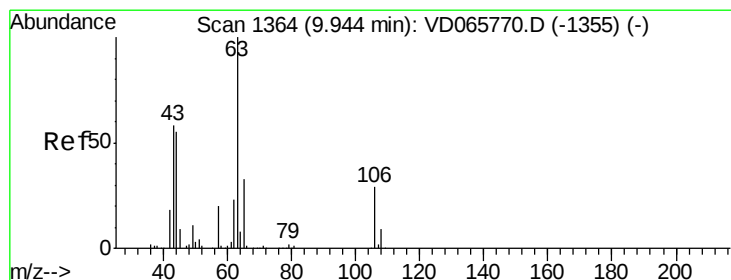
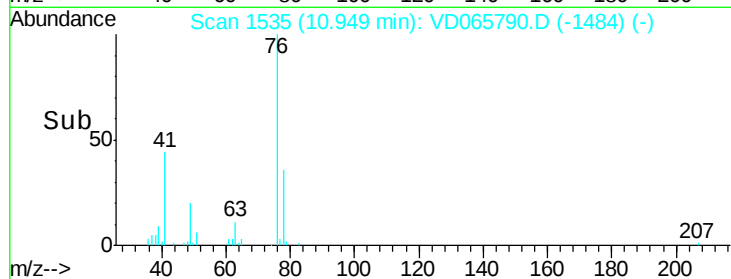
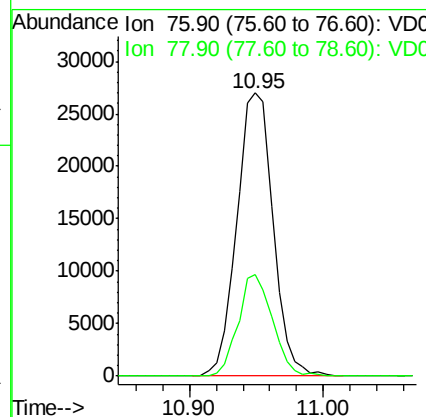
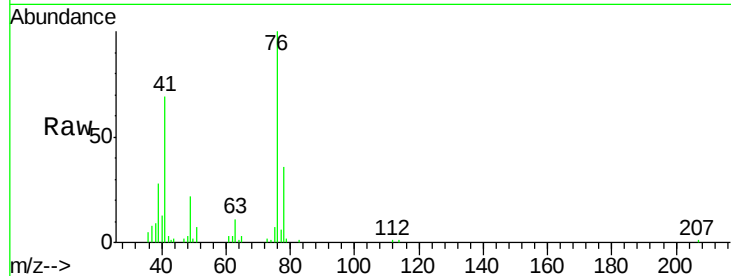




#57
 1,3-Dichloropropane
 Concen: 19.358 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

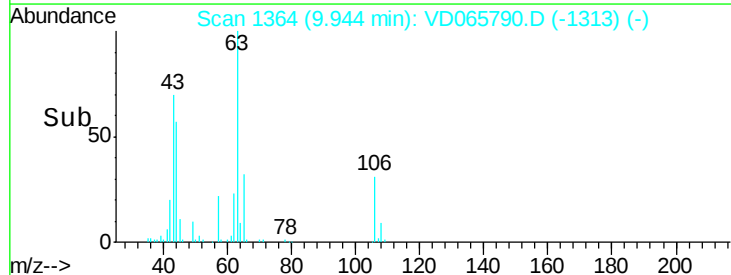
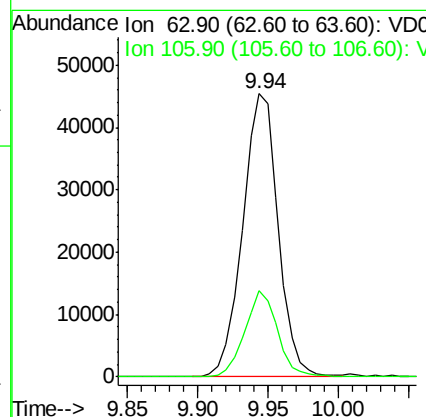
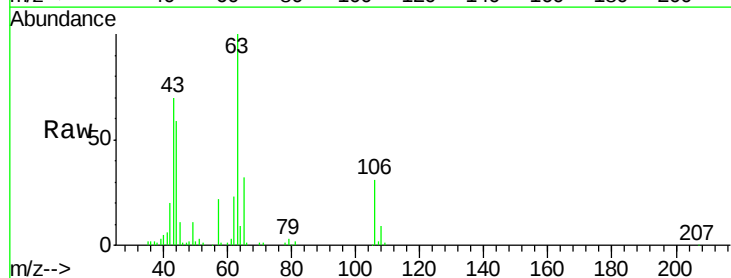
Instrument :
 MSVOA_D
 ClientSampleId :

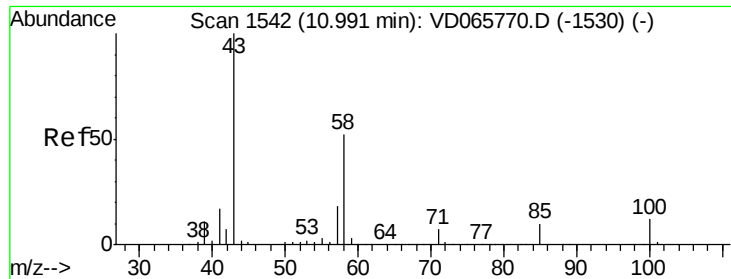
Tot Ion: 76 Resp: 50793
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.3 39.5



#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

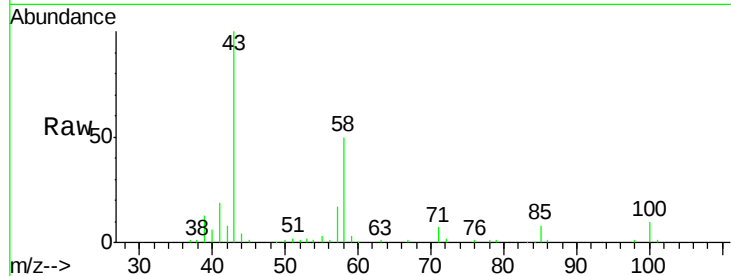
ClientSampled :

Tot Ion: 43 Resp: 74274

Ion Ratio Lower Upper

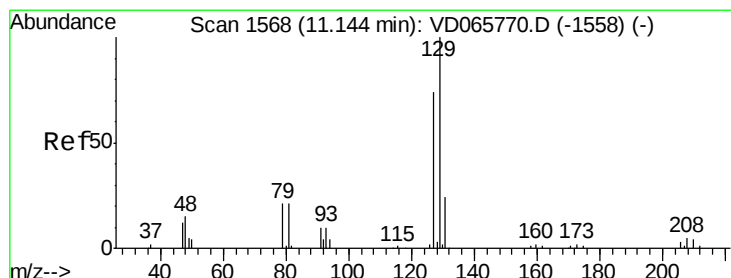
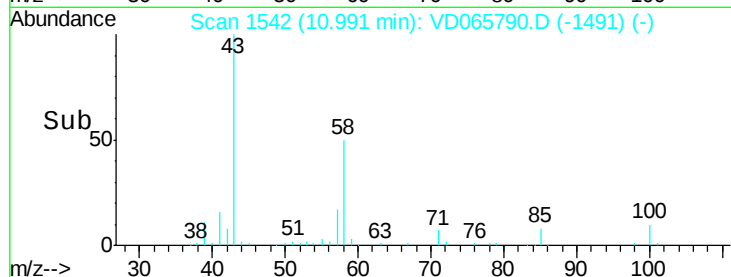
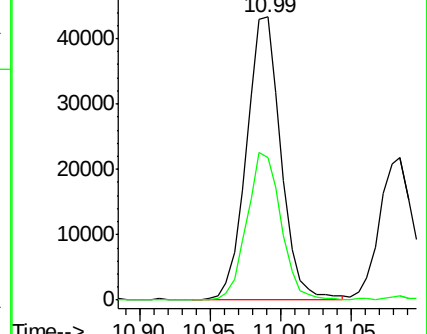
43 100

58 51.5 25.7 77.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 19.430 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD065790.D

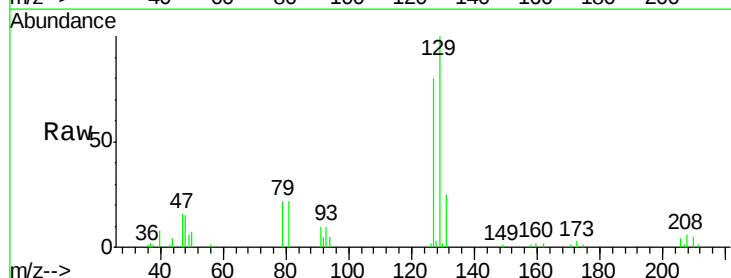
Acq: 12 Jun 2020 12:23

Tgt Ion:129 Resp: 39753

Ion Ratio Lower Upper

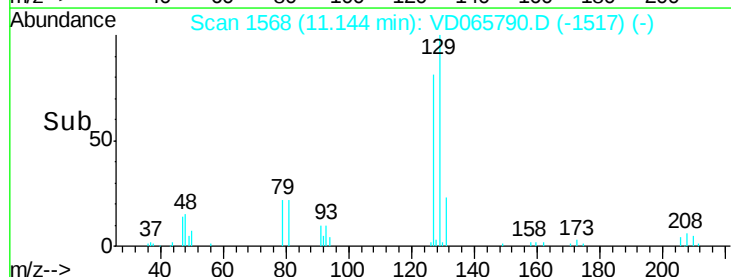
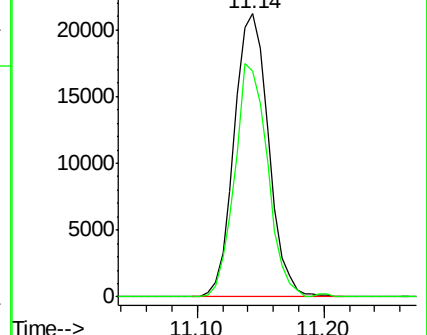
129 100

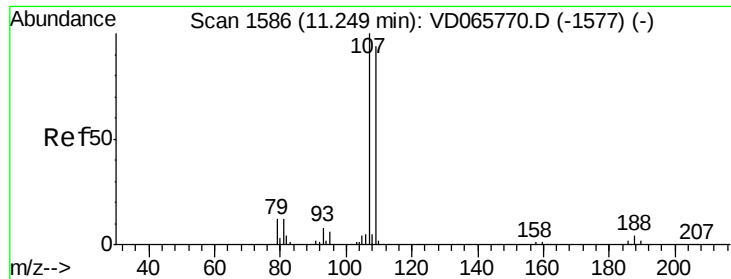
127 78.6 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

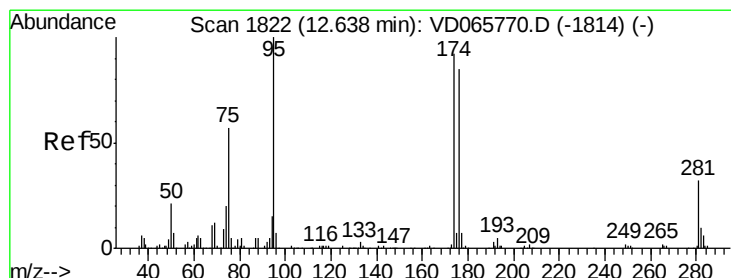
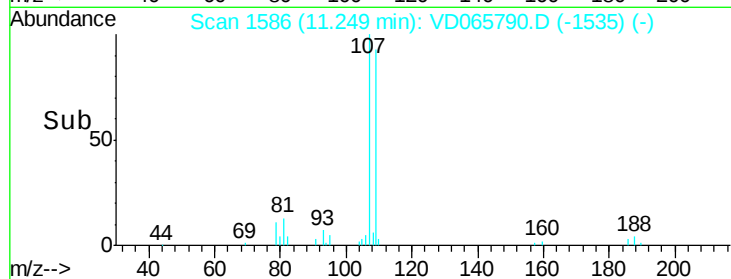
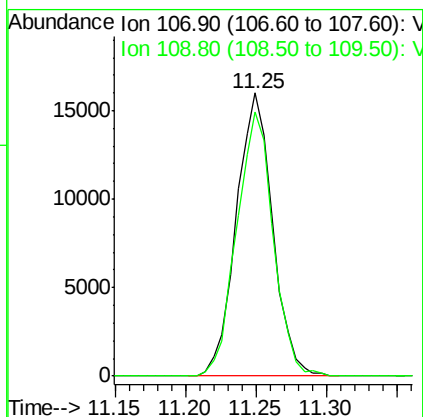
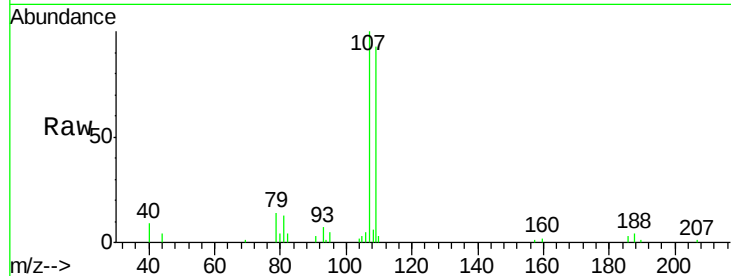




#61
 1,2-Dibromoethane
 Concen: 19.326 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

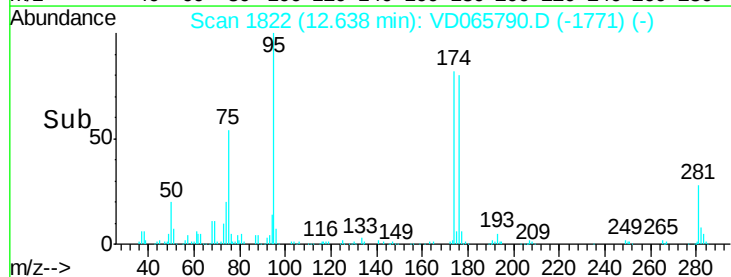
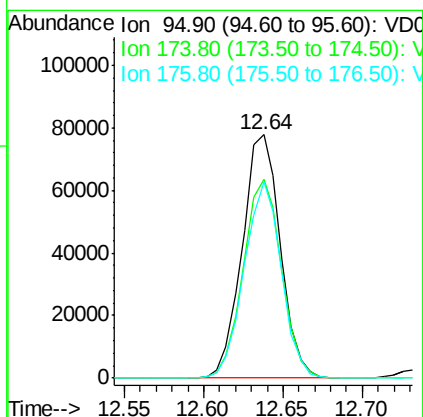
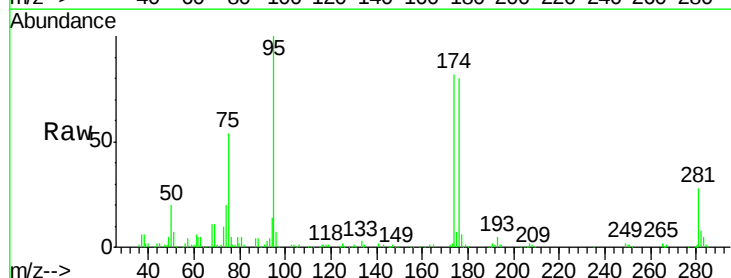
Instrument :
 MSVOA_D
 ClientSampleId :

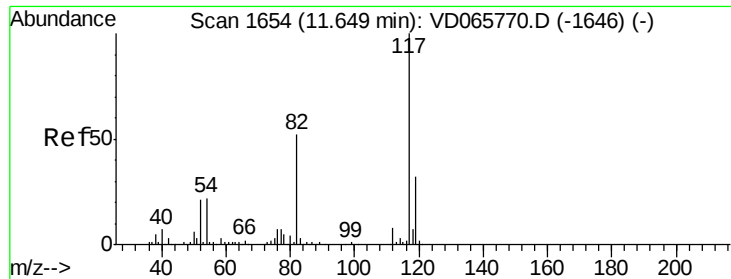
Tot Ion:107 Resp: 28765
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.4 111.6



#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

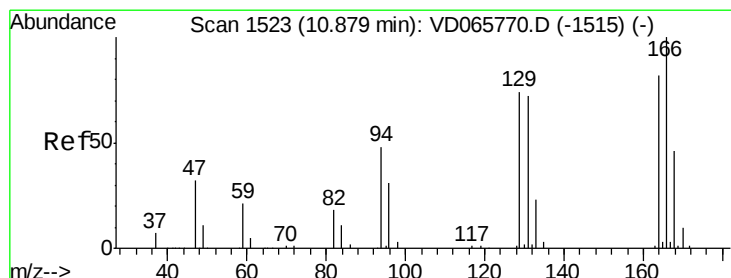
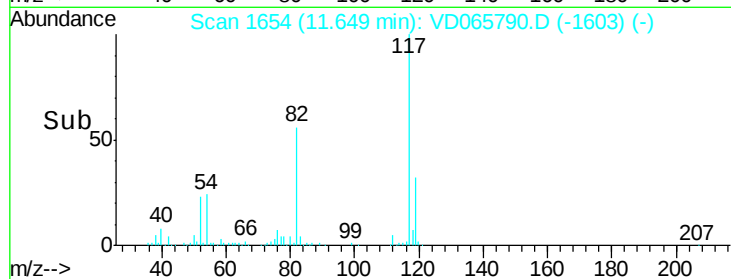
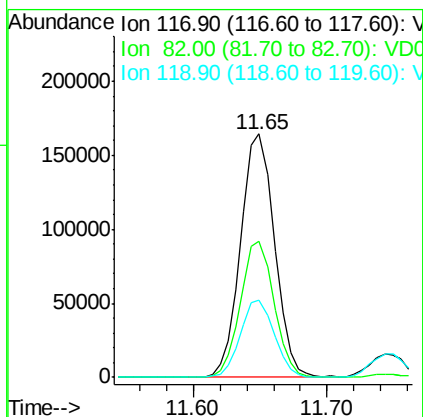
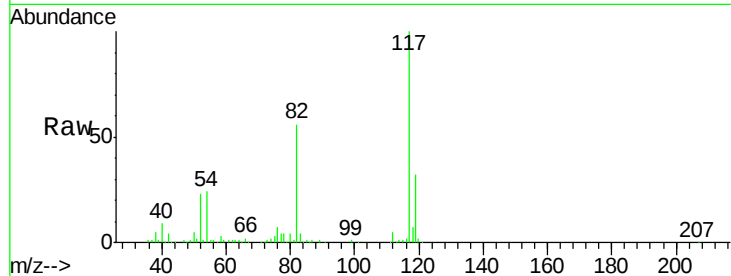




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

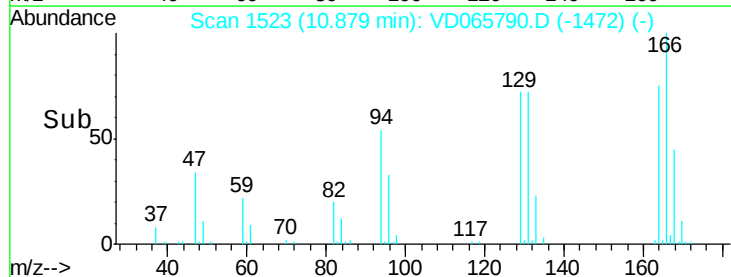
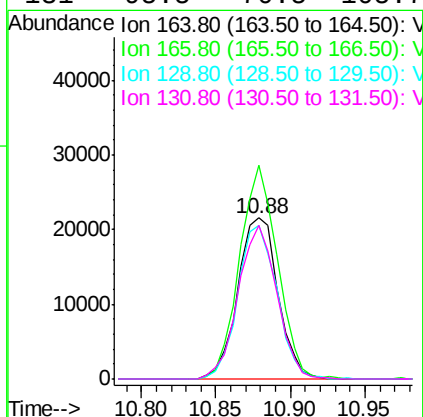
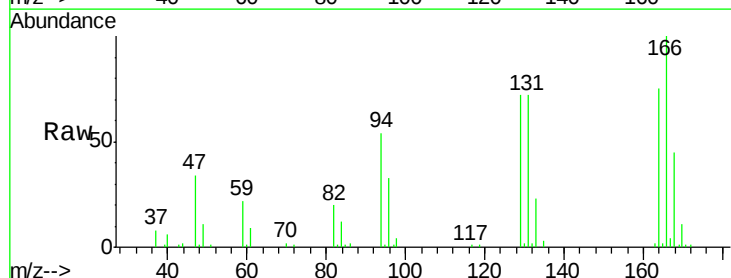
Instrument :
MSVOA_D
ClientSampleId :

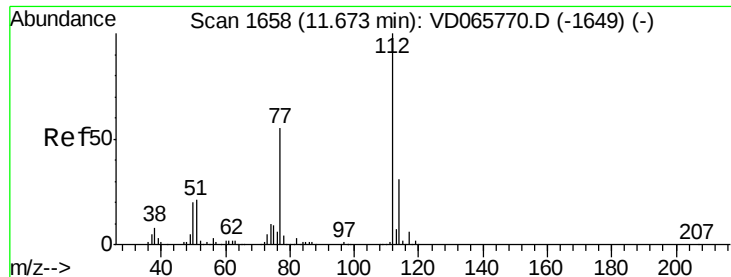
Tot Ion:117 Resp: 289684
Ion Ratio Lower Upper
117 100
82 56.0 41.9 62.9
119 31.9 25.3 37.9



#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

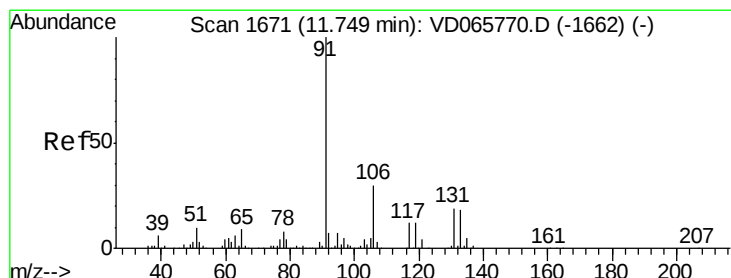
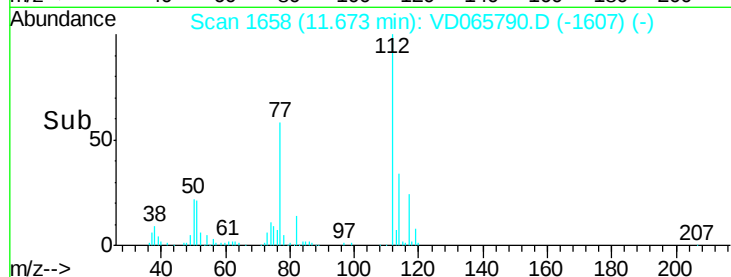
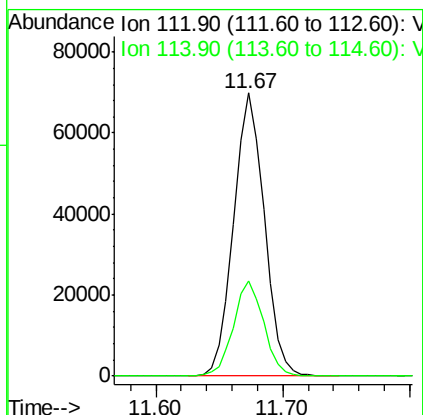
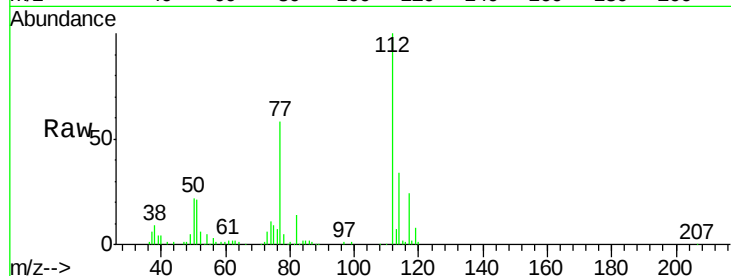




#65
Chlorobenzene
Concen: 20.733 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

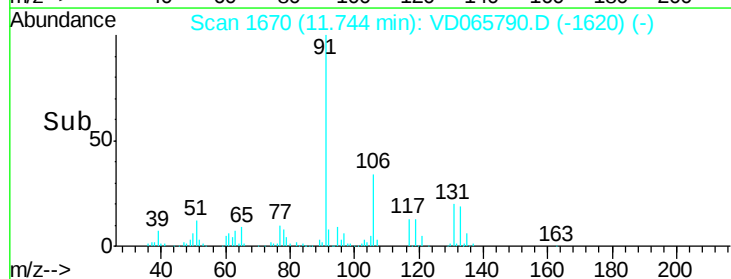
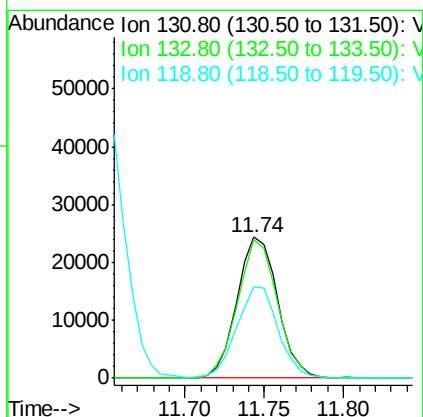
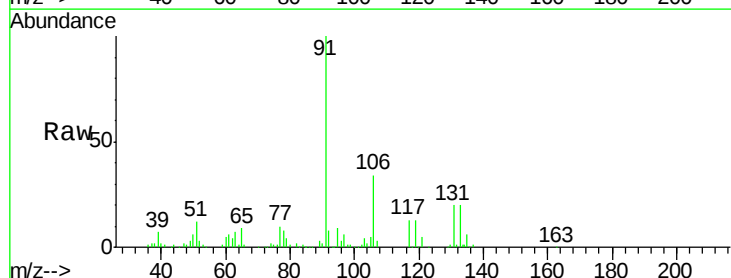
Instrument :
MSVOA_D
ClientSampleId :

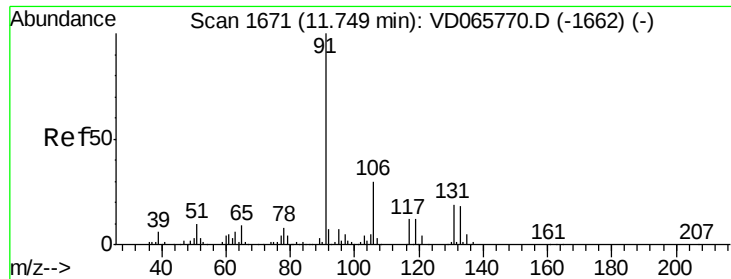
Tot Ion:112 Resp: 117250
Ion Ratio Lower Upper
112 100
114 33.6 24.7 37.1



#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

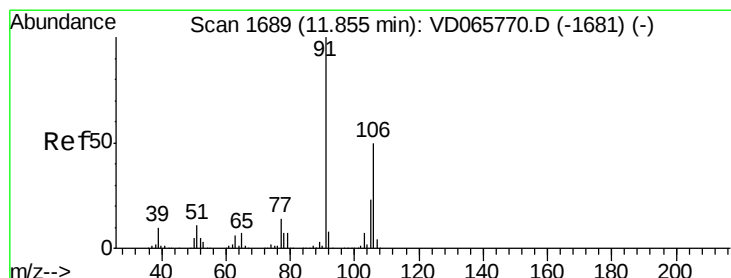
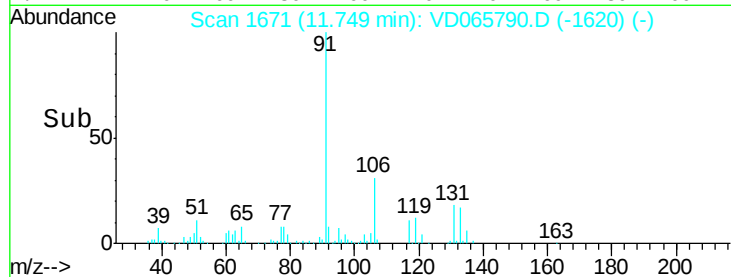
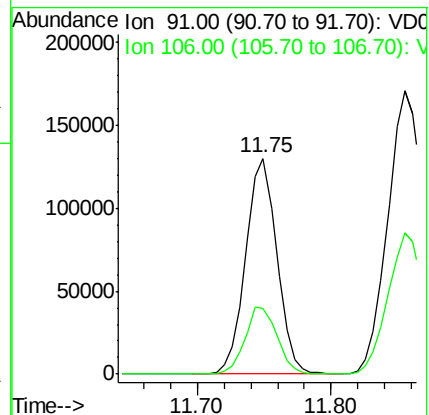
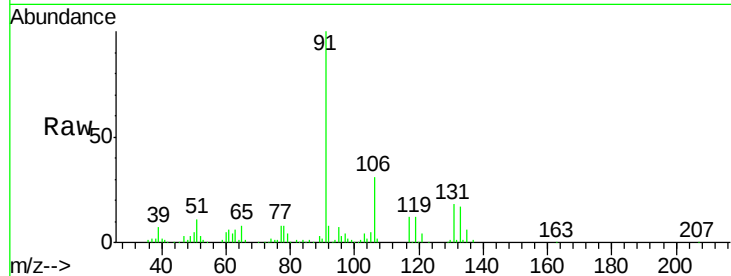
ClientSampleId :

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

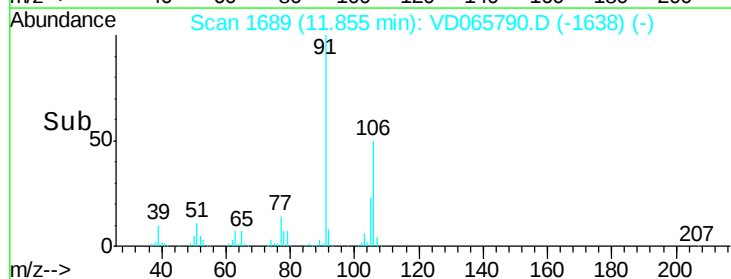
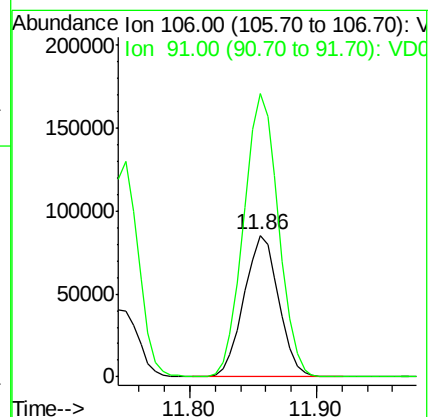
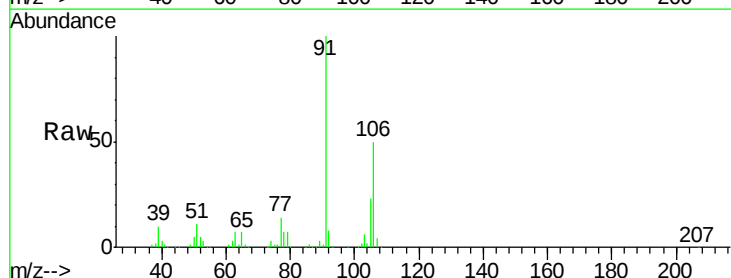
Acq: 12 Jun 2020 12:23

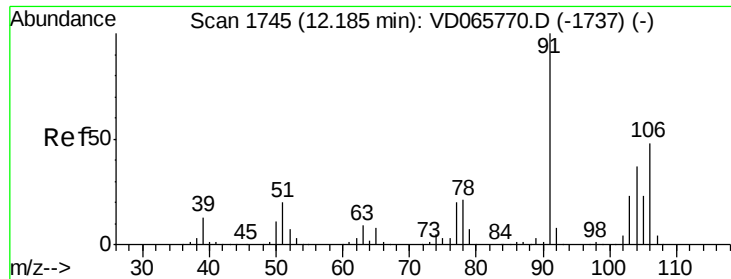
Tgt Ion: 106 Resp: 161695

Ion Ratio Lower Upper

106 100

91 200.6 159.4 239.2

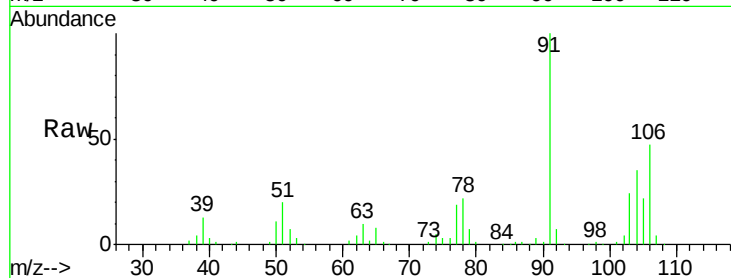




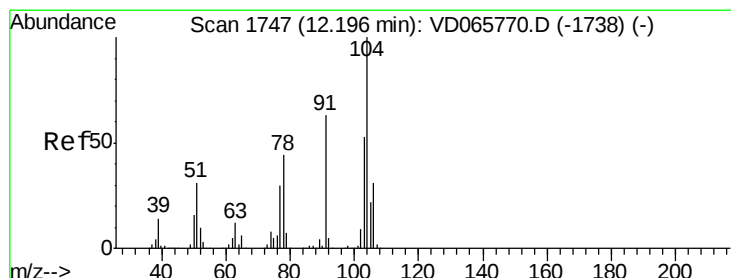
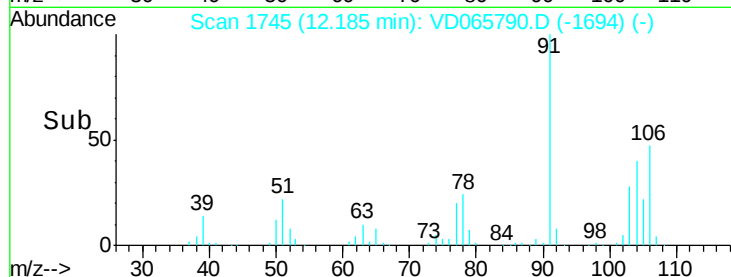
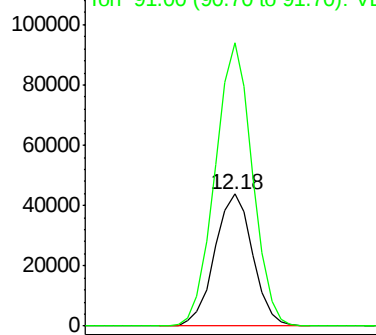
#69
o-Xylene
Concen: 20.804 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :

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

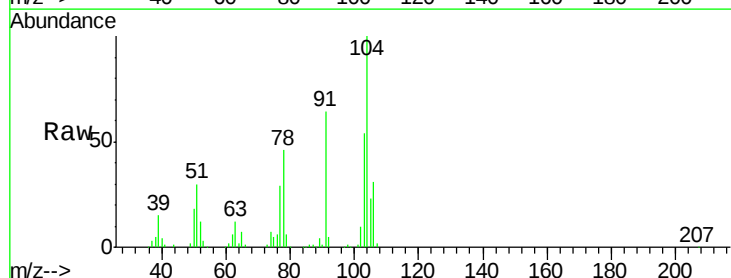


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

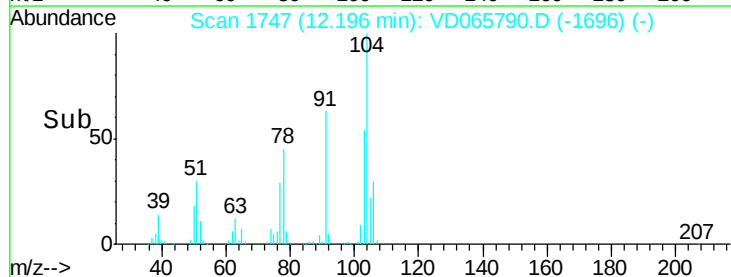
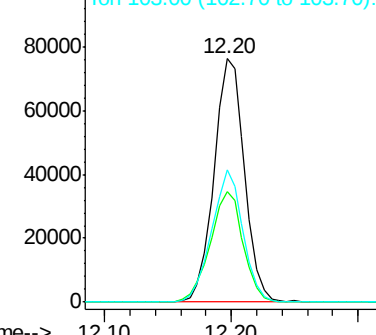


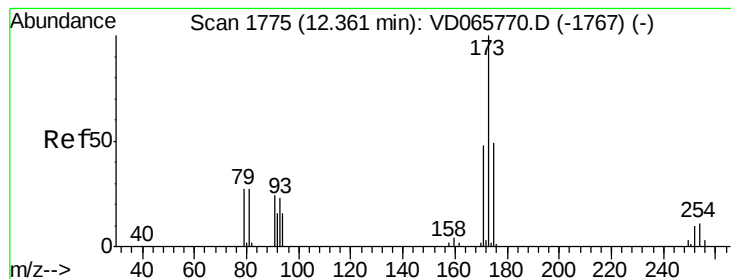
#70
Styrene
Concen: 20.894 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

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 :

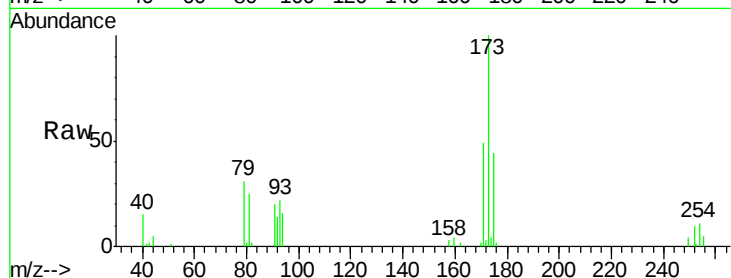
Tot Ion:173 Resp: 22953

Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.8	74.4
254	0.0	0.0	0.0

173 100

175 47.2 24.8 74.4

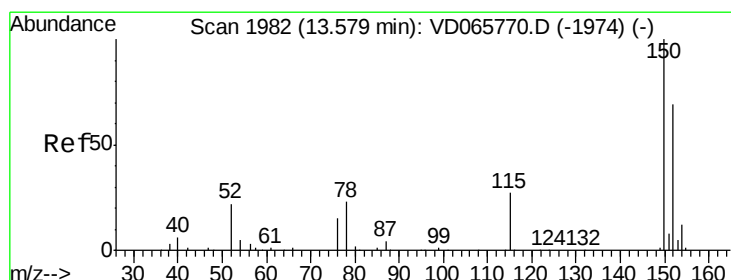
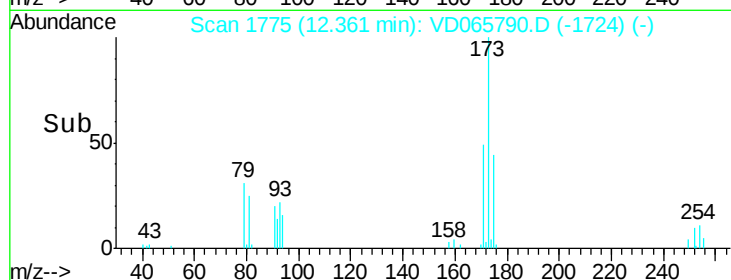
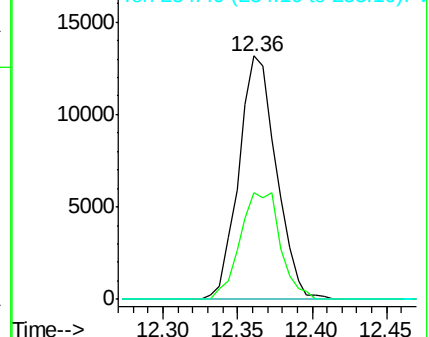
254 0.0 0.0 0.0



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

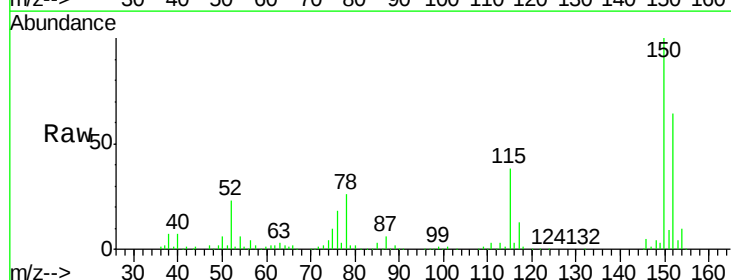
Tgt Ion:152 Resp: 149085

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.7	86.1
150	161.3	0.0	348.0

152 100

115 58.4 28.7 86.1

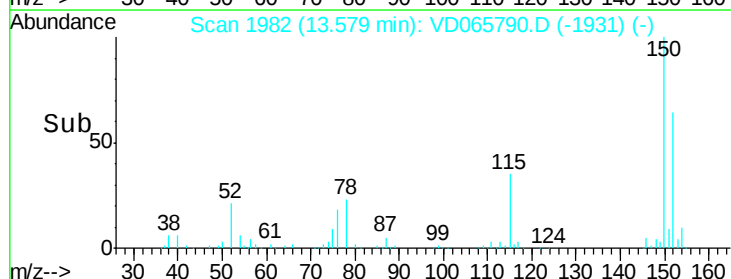
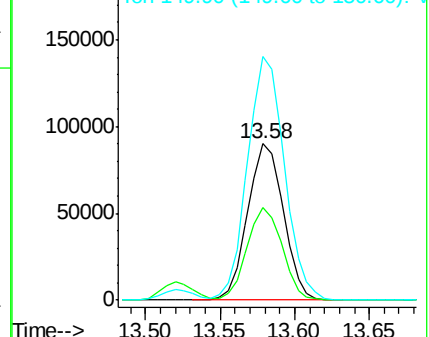
150 161.3 0.0 348.0

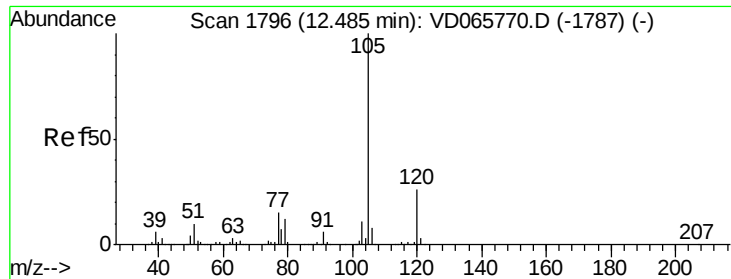


Abundance Ion 151.90 (151.60 to 152.60): V

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

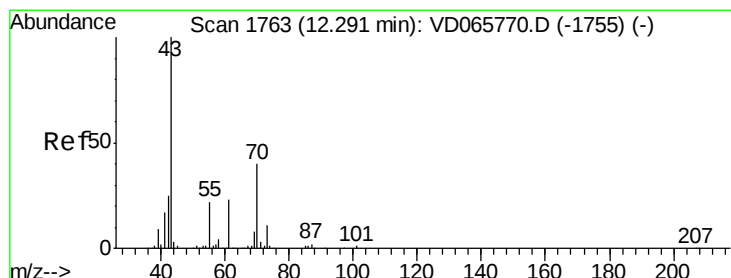
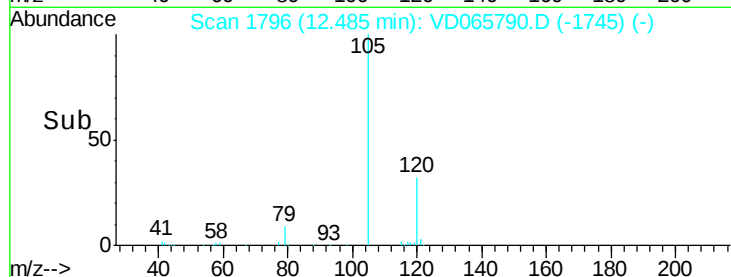
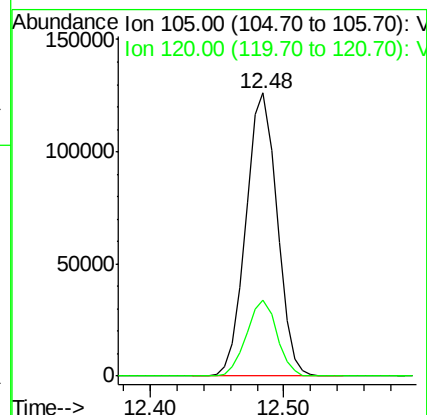
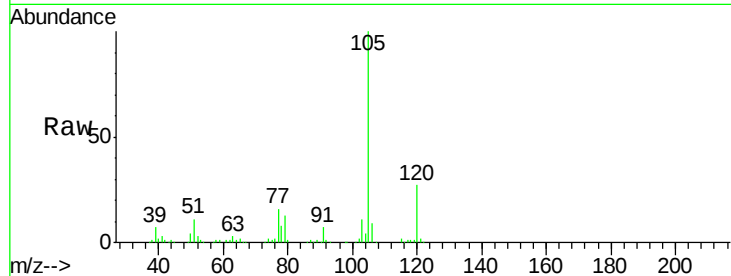
ClientSampleId :

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

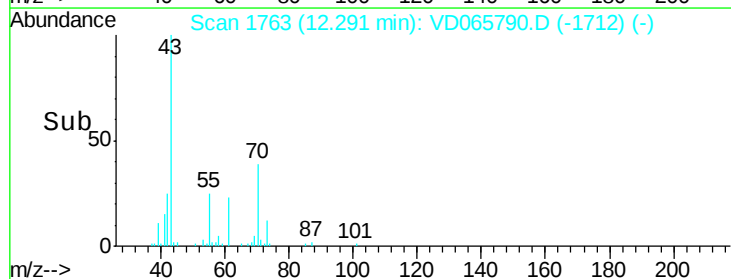
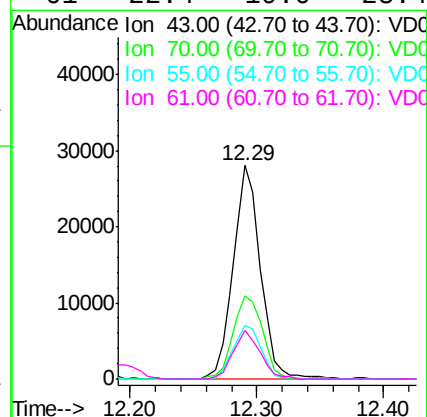
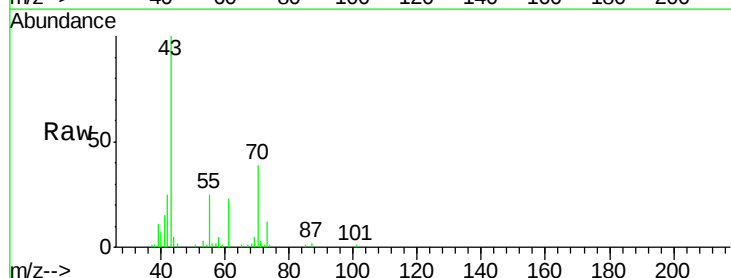
Ion Ratio Lower Upper

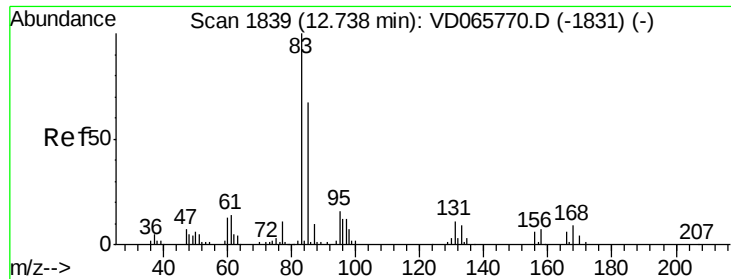
43 100

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 :

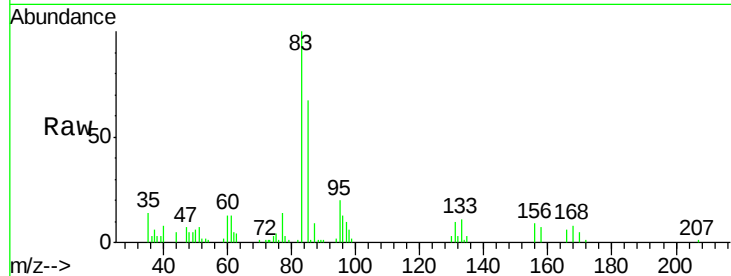
Tot Ion: 83 Resp: 32136

Ion Ratio Lower Upper

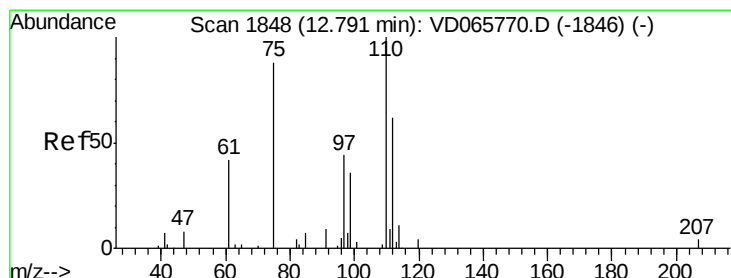
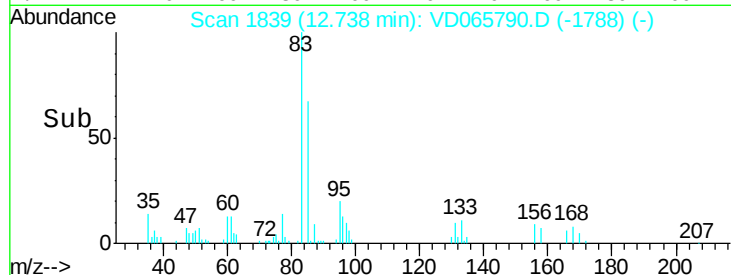
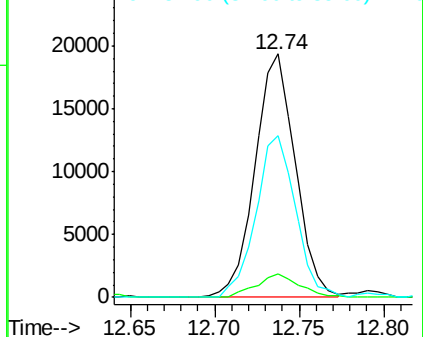
83 100

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: 38.071 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065790.D

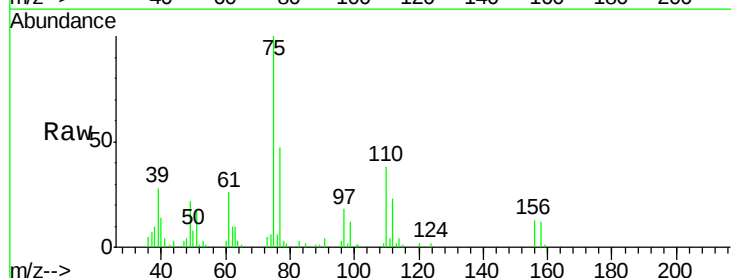
Acq: 12 Jun 2020 12:23

Tgt Ion: 75 Resp: 44142

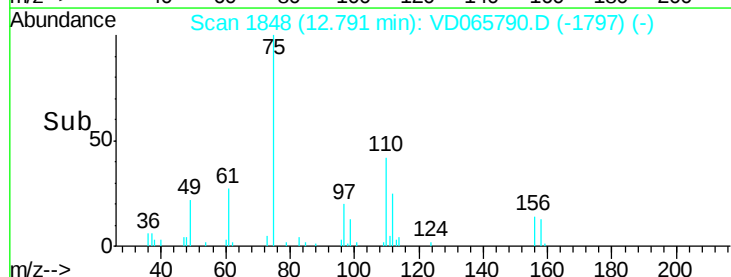
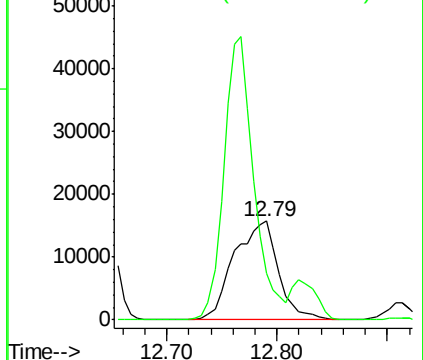
Ion Ratio Lower Upper

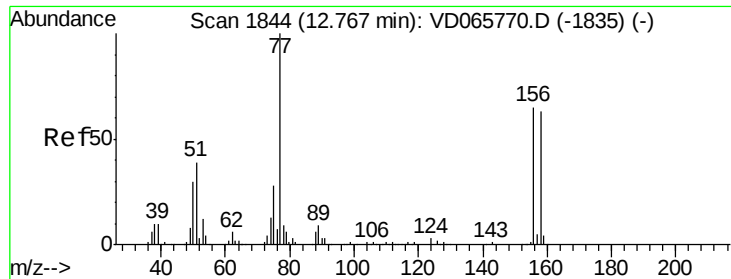
75 100

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 :

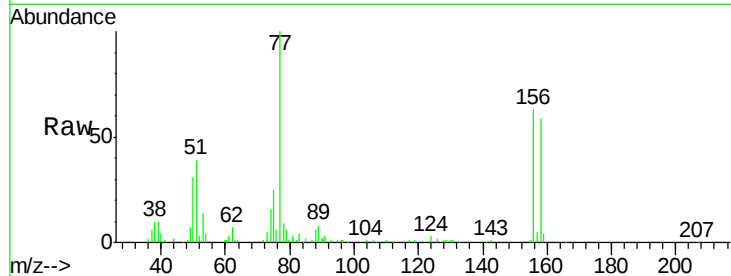
Tot Ion:156 Resp: 47705

Ion Ratio Lower Upper

156 100

77 178.9 87.3 261.8

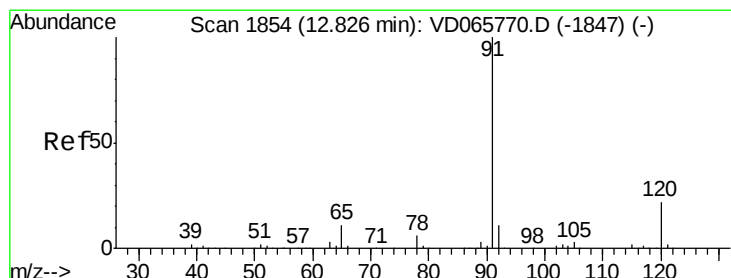
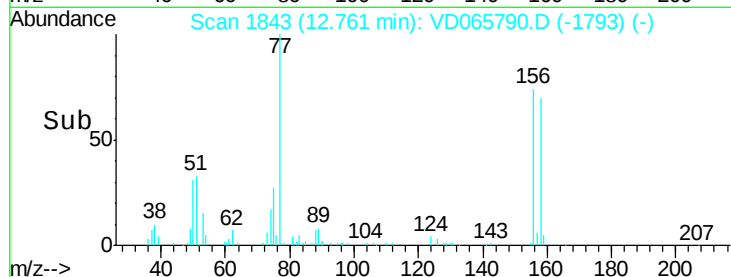
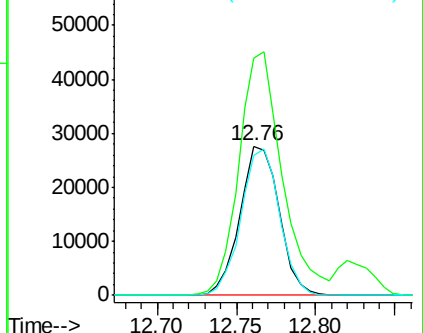
158 96.3 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

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

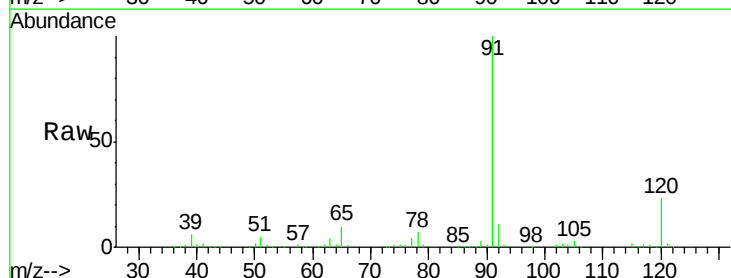
Acq: 12 Jun 2020 12:23

Tgt Ion: 91 Resp: 245961

Ion Ratio Lower Upper

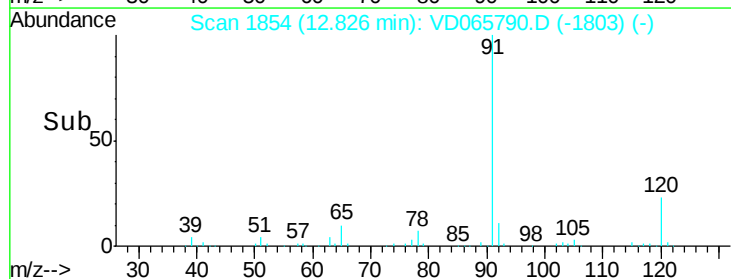
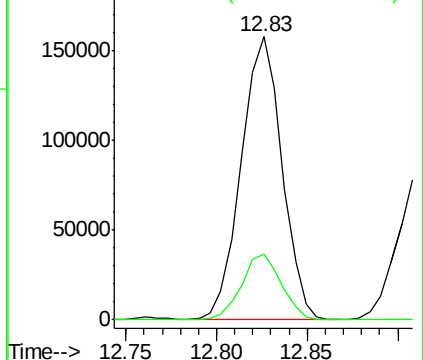
91 100

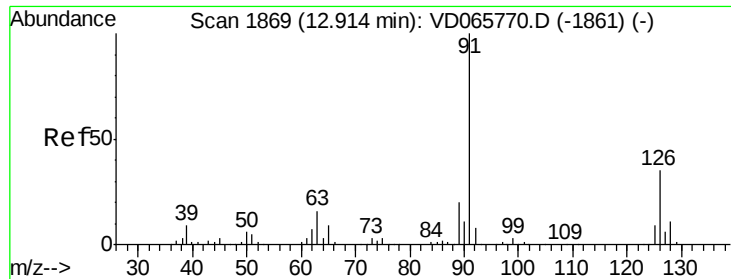
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

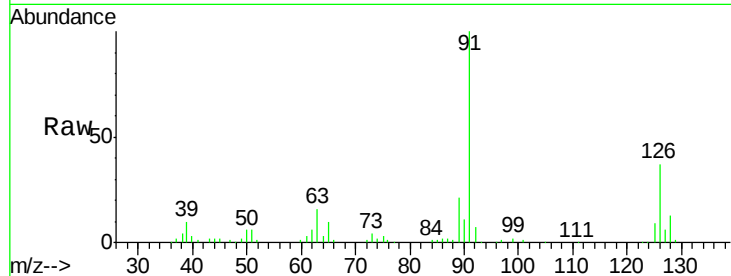




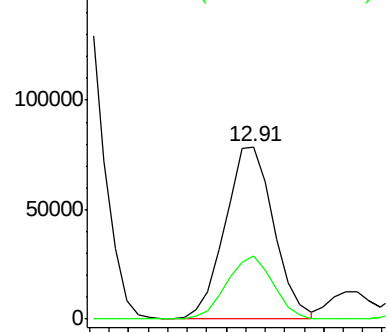
#79
 2-Chlorotoluene
 Concen: 20.618 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampled :

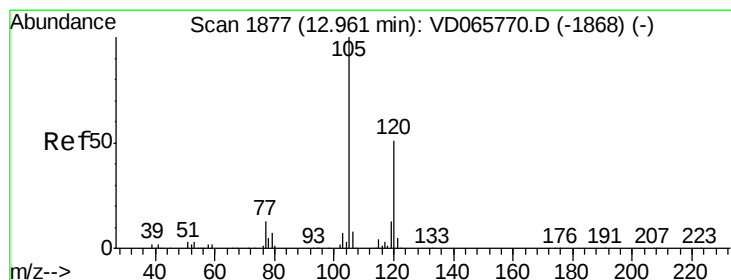
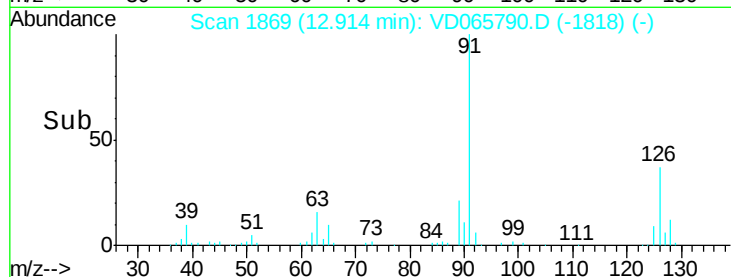
Tot Ion: 91 Resp: 136088
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD065790.D (-1818) (-)

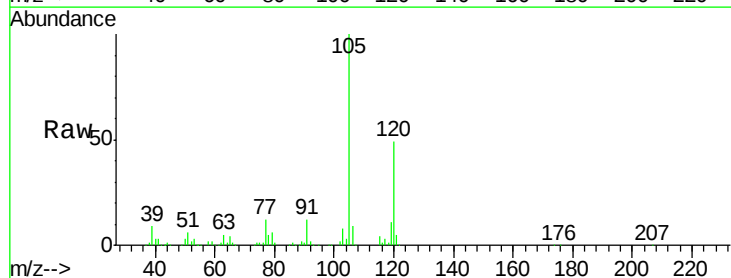


Time-->

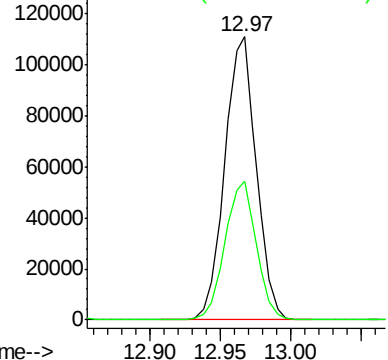


#80
 1,3,5-Trimethylbenzene
 Concen: 20.923 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

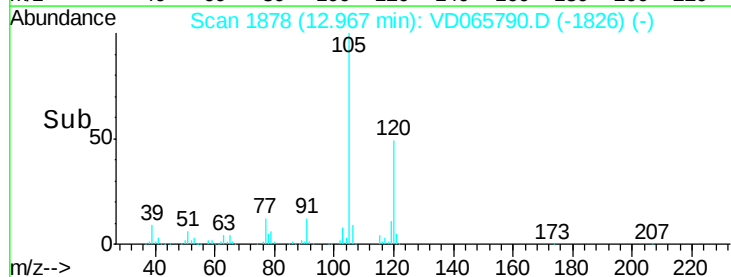
Tgt Ion: 105 Resp: 174035
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.4 76.0

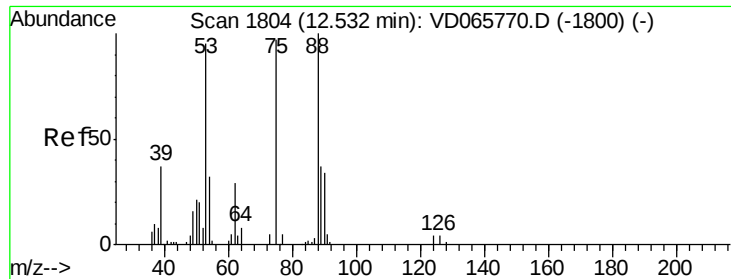


Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)
 Ion 120.00 (119.70 to 120.70): VD065790.D (-1826) (-)



Time-->





#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 :

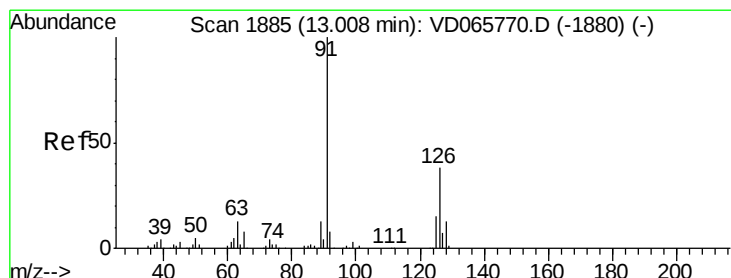
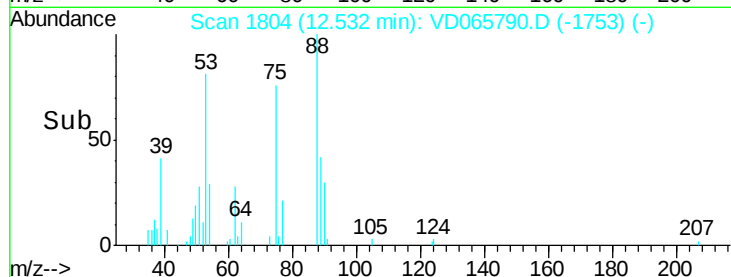
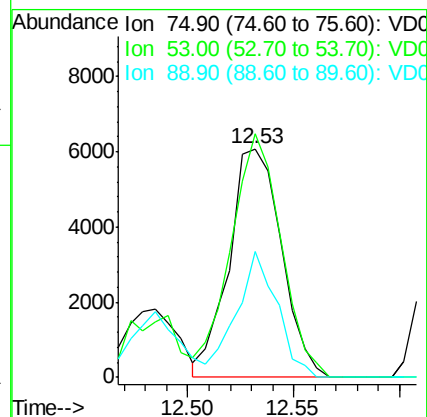
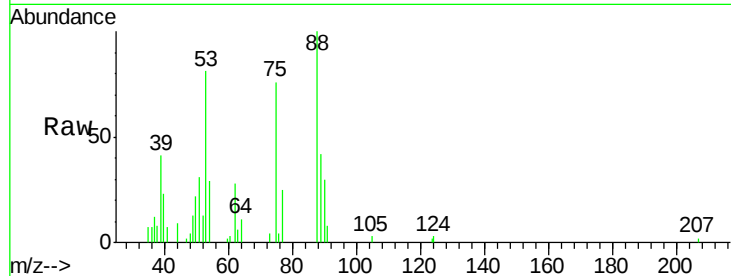
Tot Ion: 75 Resp: 10456

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

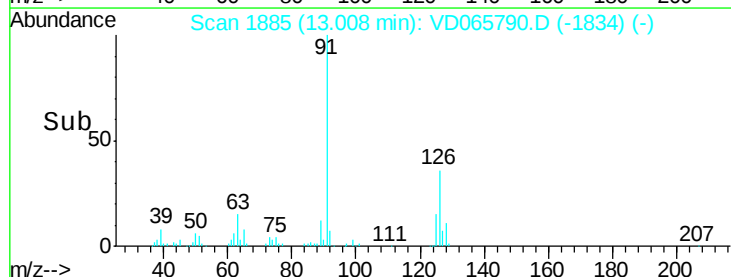
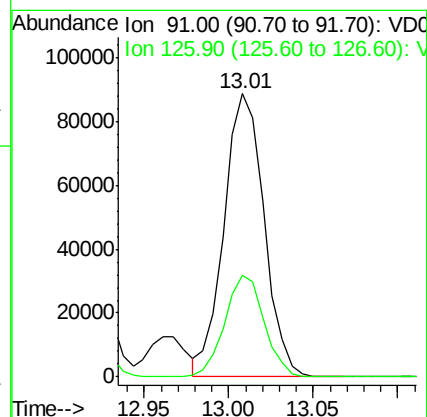
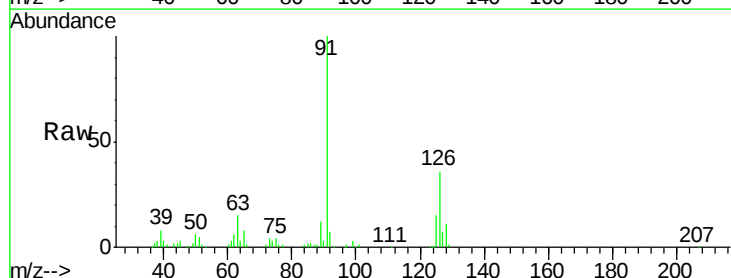
Acq: 12 Jun 2020 12:23

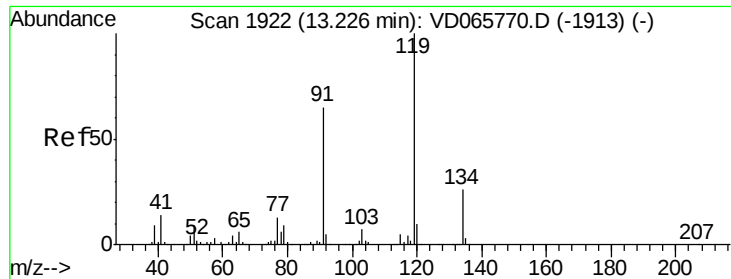
Tgt Ion: 91 Resp: 146239

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8

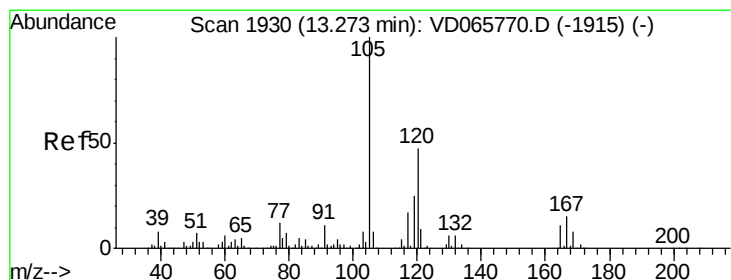
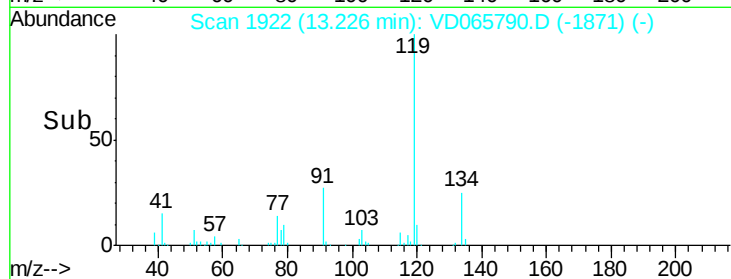
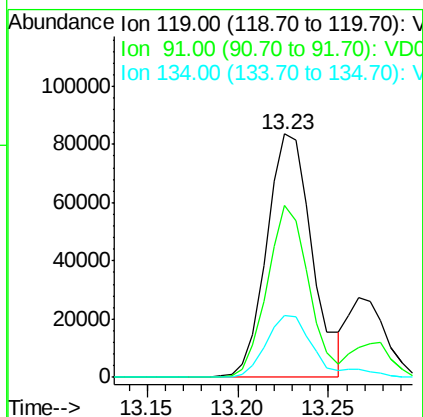
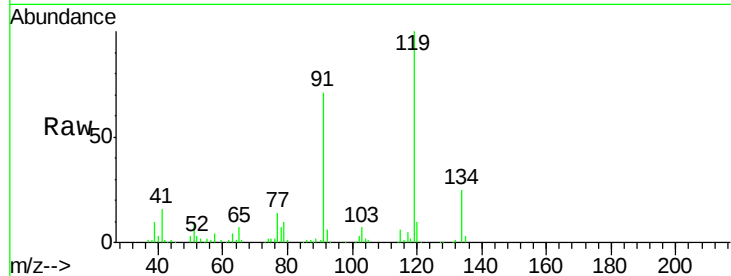




#83
tert-Butylbenzene
Concen: 20.237 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

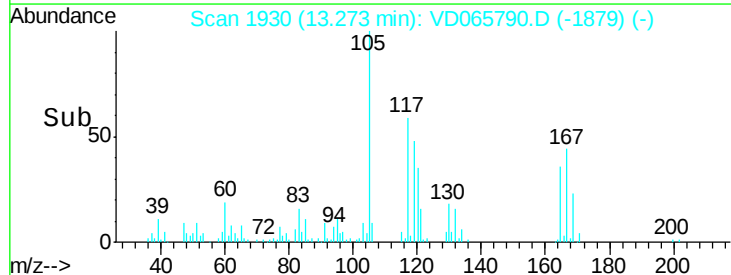
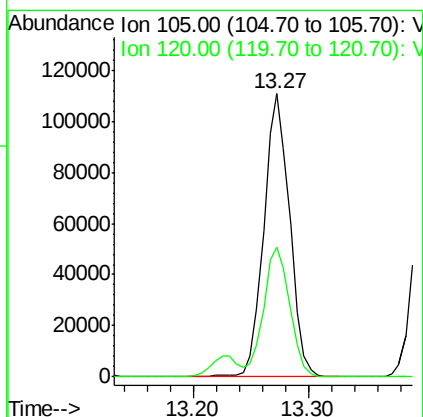
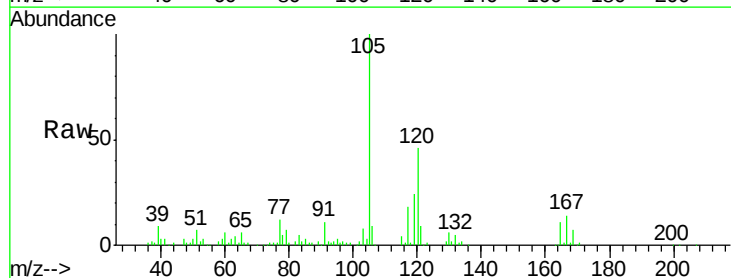
Instrument :
MSVOA_D
ClientSampleId :

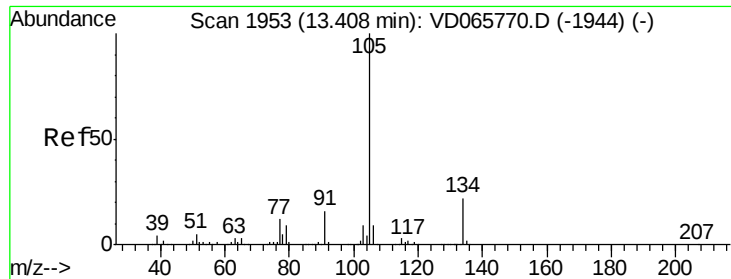
Tot Ion:119 Resp: 146058
Ion Ratio Lower Upper
119 100
91 64.7 32.0 96.0
134 27.4 13.8 41.4



#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

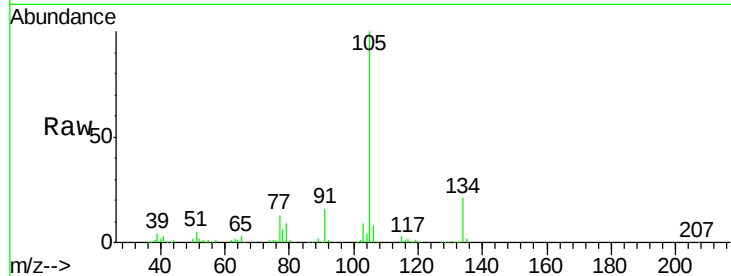
ClientSampled :

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

13.41

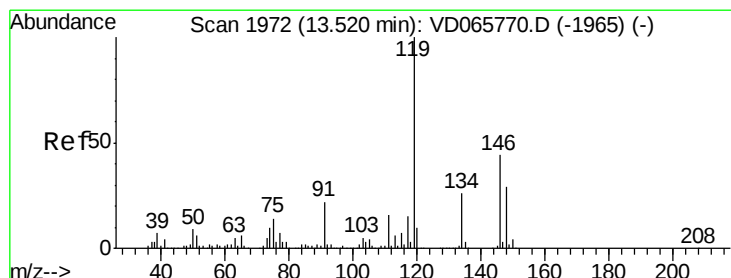
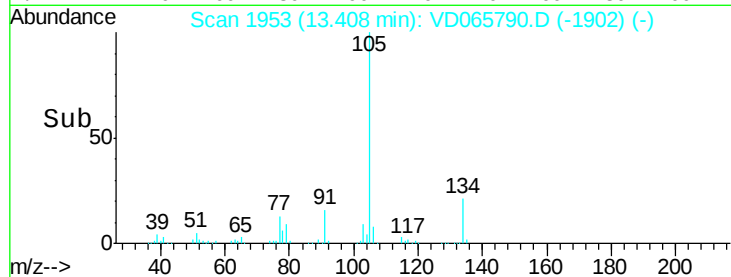
150000

100000

50000

0

Time-->



#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

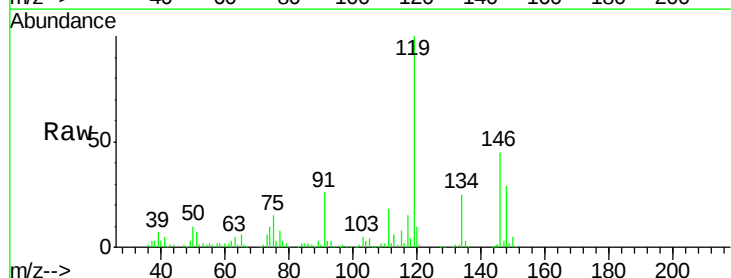
Tgt Ion:119 Resp: 190821

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

13.52

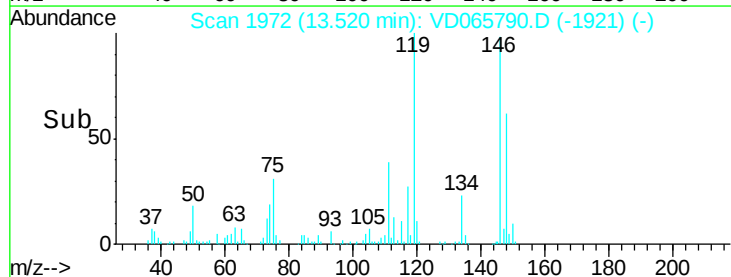
150000

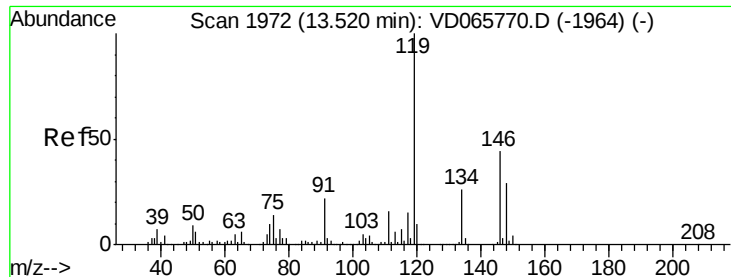
100000

50000

0

Time-->

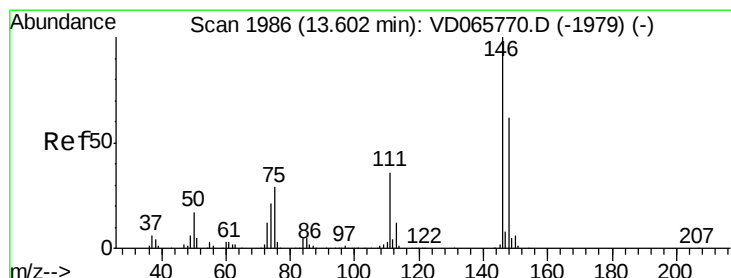
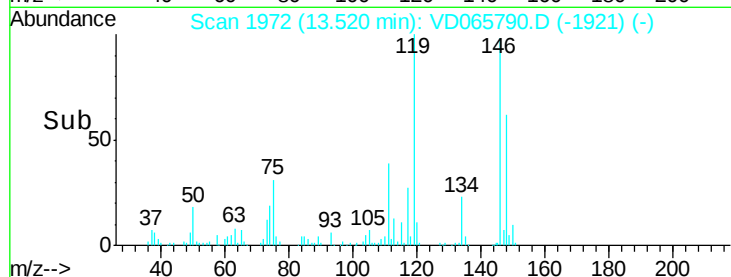
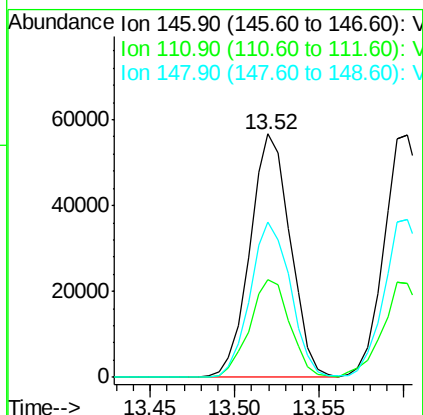
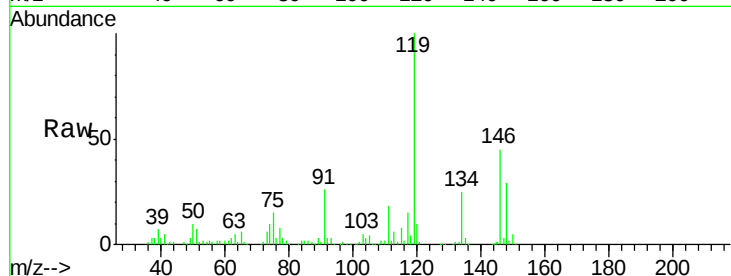




#87
 1,3-Dichlorobenzene
 Concen: 20.203 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

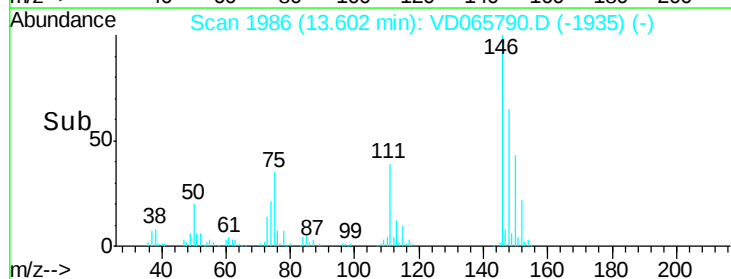
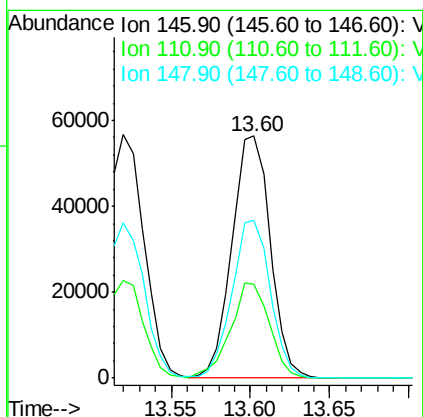
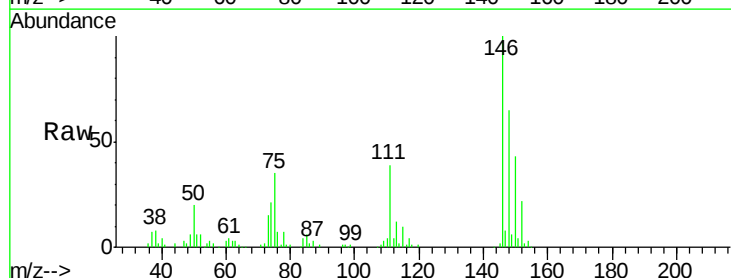
Instrument :
 MSVOA_D
 ClientSampled :

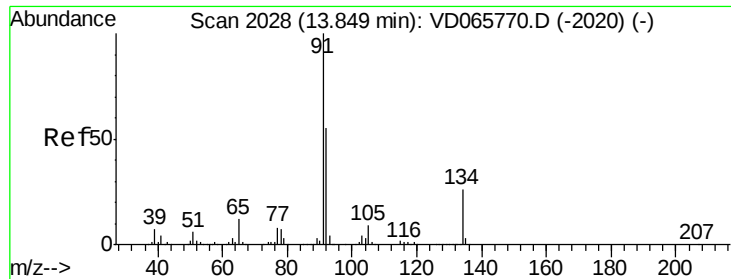
Tot Ion:146 Resp: 94207
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.2 57.6
 148 63.7 32.1 96.3



#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

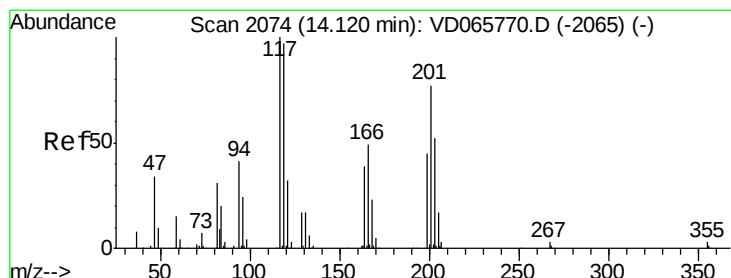
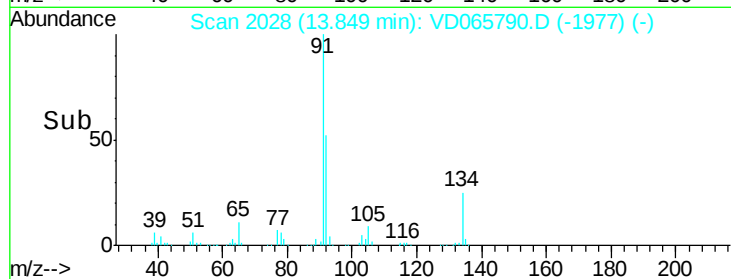
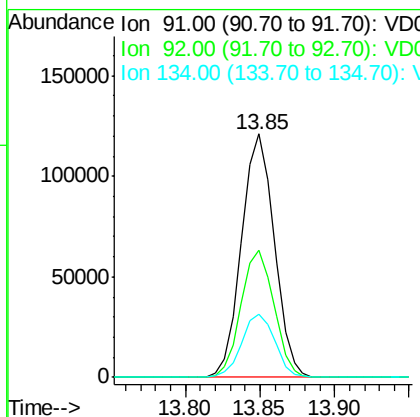
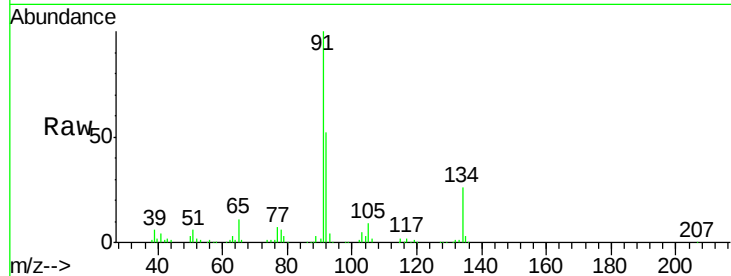




#89
n-Butylbenzene
Concen: 20.998 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

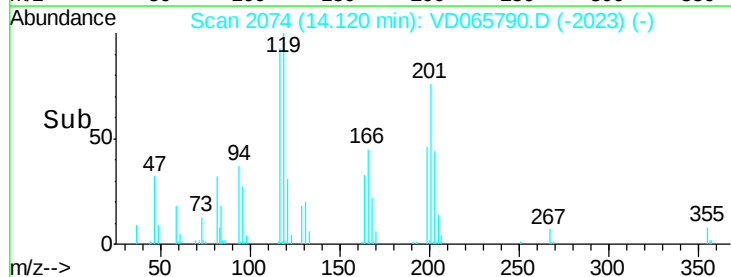
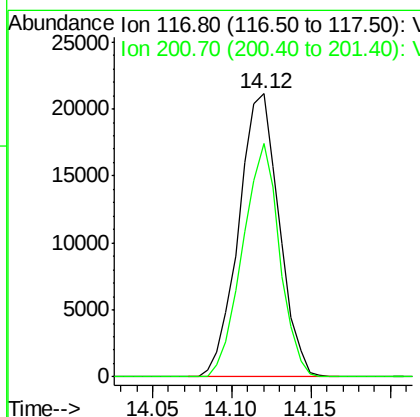
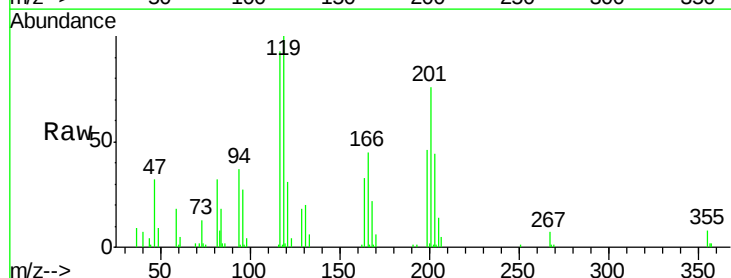
Instrument :
MSVOA_D
ClientSampled :

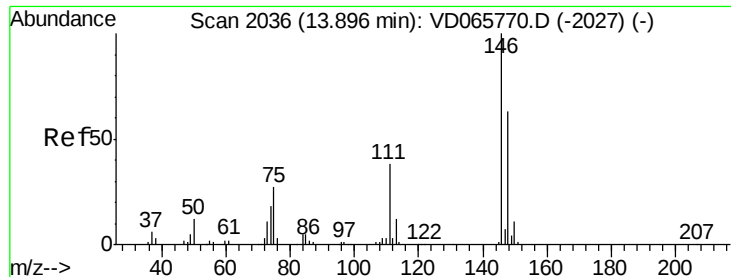
Tot Ion: 91 Resp: 184365
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 26.0 13.0 39.0



#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

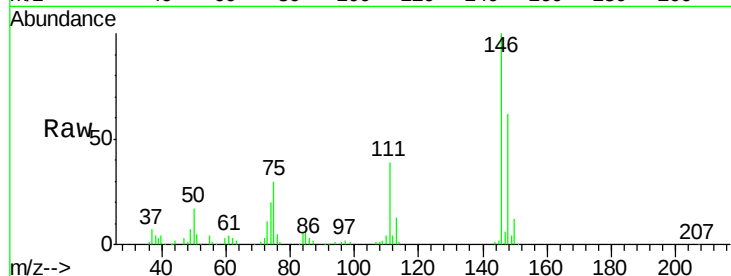




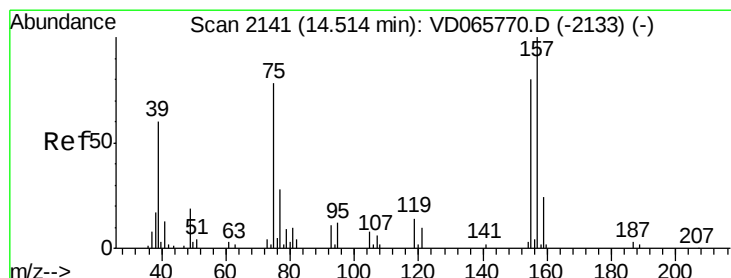
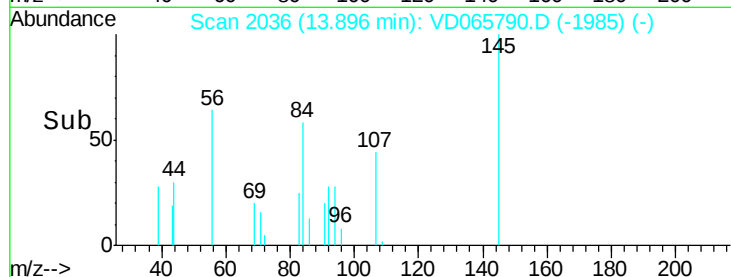
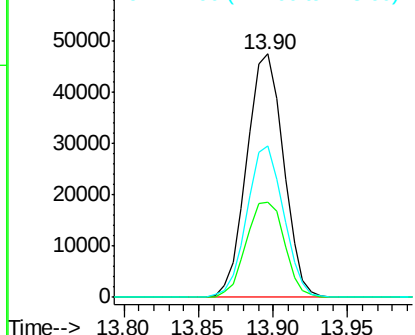
#91
 1,2-Dichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 80677
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.8 59.4
 148 62.1 31.9 95.7

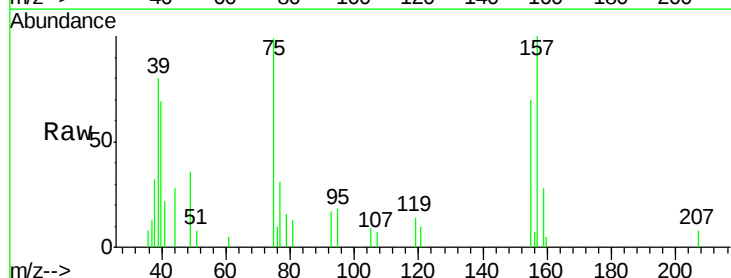


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

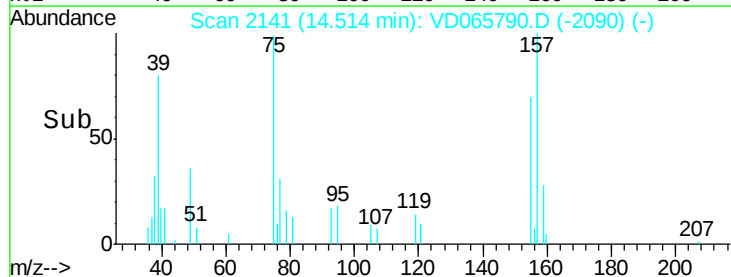
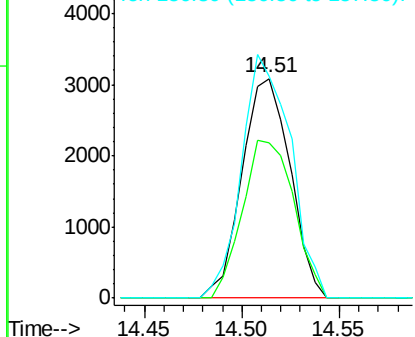


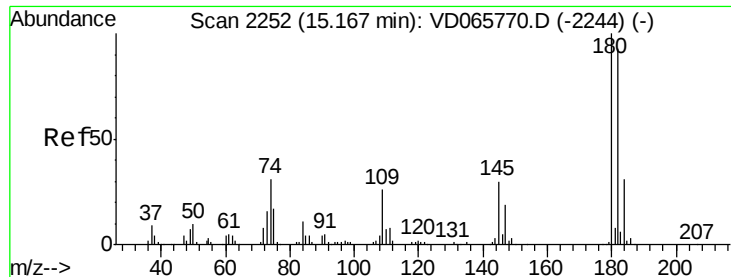
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.812 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Tgt Ion: 75 Resp: 5285
 Ion Ratio Lower Upper
 75 100
 155 76.5 46.3 138.9
 157 112.2 58.1 174.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

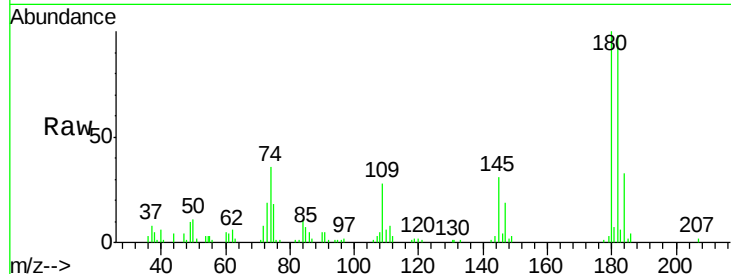




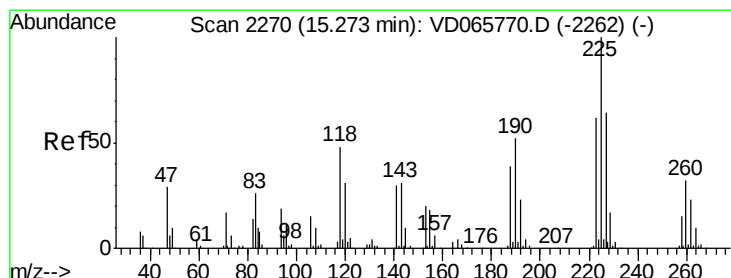
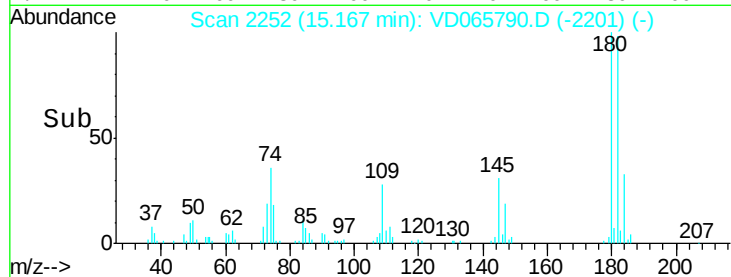
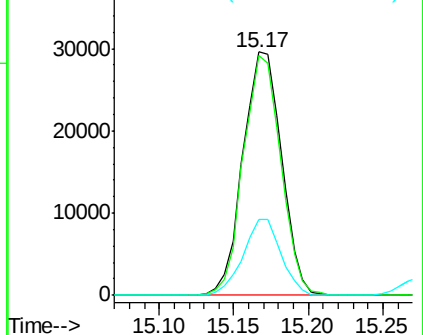
#93
 1,2,4-Trichlorobenzene
 Concen: 19.533 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

Instrument :
 MSVOA_D
 ClientSampleId :

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

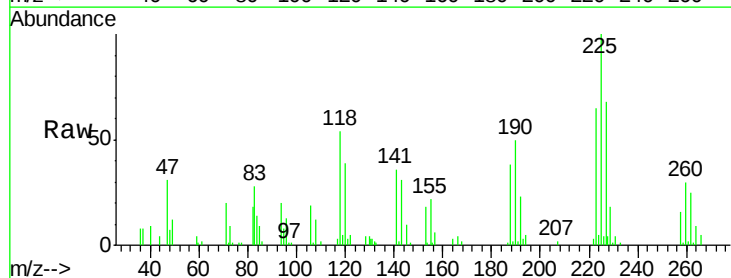


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

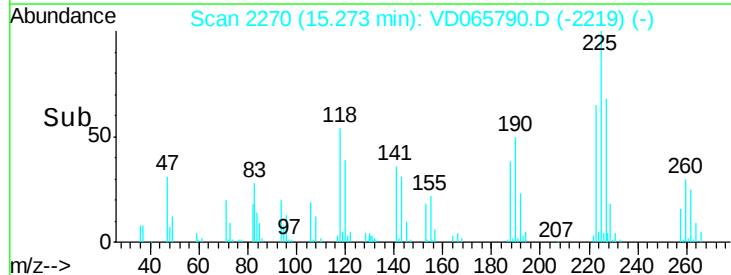
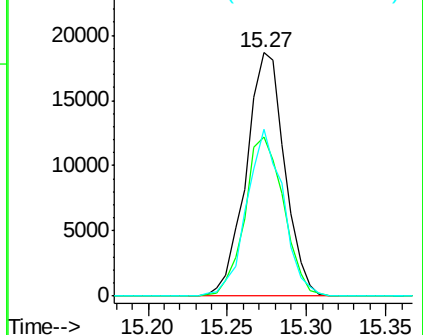


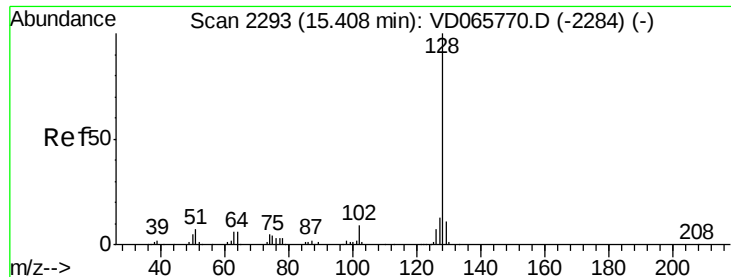
#94
 Hexachlorobutadiene
 Concen: 19.110 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065790.D
 Acq: 12 Jun 2020 12:23

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



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

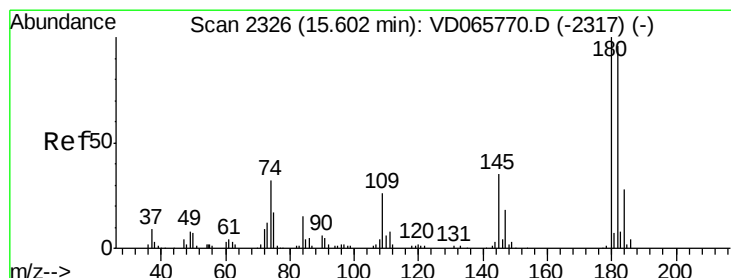
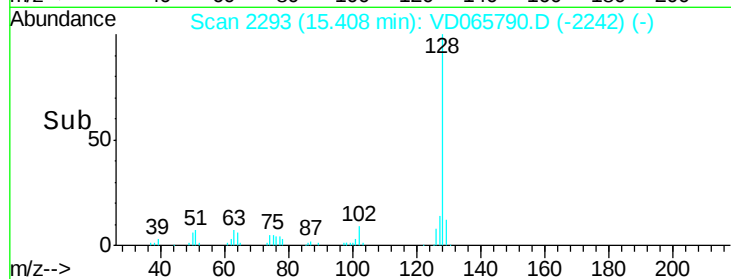
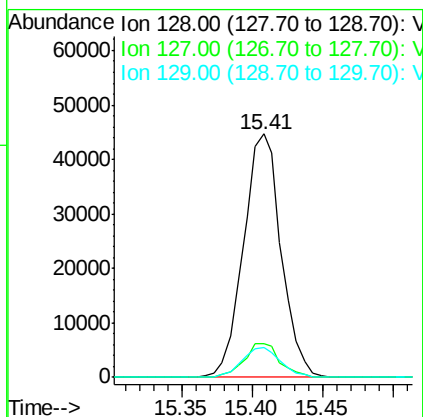
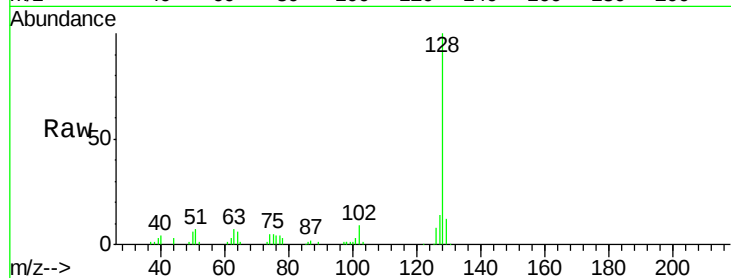




#95
Naphthalene
Concen: 18.046 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065790.D
Acq: 12 Jun 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :

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

