

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065789.D
 Acq On : 12 Jun 2020 11:57
 Operator : VA/SY
 Sample : VD0612SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Quant Time: Jun 13 01:57:28 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	190993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	306789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	290498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104391	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.91	113	101644	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.34	98	387586	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.64	95	128961	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	32452	23.143	ug/l	97
3) Chloromethane	2.21	50	57344	23.796	ug/l	100
4) Vinyl Chloride	2.35	62	64104	22.749	ug/l	99
5) Bromomethane	2.76	94	44844	22.756	ug/l	99
6) Chloroethane	2.92	64	43498	22.830	ug/l	91
7) Trichlorofluoromethane	3.27	101	69319	21.713	ug/l	94
8) Diethyl Ether	3.70	74	16185	19.282	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.09	101	39672	20.840	ug/l	97
10) Methyl Iodide	4.30	142	33513	18.078	ug/l	96
11) Tert butyl alcohol	5.21	59	12747	99.009	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	34946	20.141	ug/l	87
13) Acrolein	3.93	56	9513	89.741	ug/l	88
14) Allyl chloride	4.71	41	59505	20.750	ug/l	100
15) Acrylonitrile	5.41	53	38688	101.482	ug/l	99
16) Acetone	4.15	43	34206	96.084	ug/l	93
17) Carbon Disulfide	4.41	76	122351	21.010	ug/l	97
18) Methyl Acetate	4.71	43	17645	19.779	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	78632	20.008	ug/l	94
20) Methylene Chloride	4.96	84	47572	22.736	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	42673	21.001	ug/l	98
22) Diisopropyl ether	6.36	45	123542	21.321	ug/l	96
23) Vinyl Acetate	6.30	43	333497	101.925	ug/l	98
24) 1,1-Dichloroethane	6.26	63	73437	20.801	ug/l	100
25) 2-Butanone	7.21	43	48894	99.448	ug/l	99
26) 2,2-Dichloropropane	7.21	77	65344	20.874	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	45368	20.756	ug/l	98
28) Bromochloromethane	7.55	49	30536	22.394	ug/l	97
29) Tetrahydrofuran	7.56	42	32292	103.921	ug/l	92
30) Chloroform	7.71	83	77259	21.113	ug/l	96
31) Cyclohexane	7.98	56	69459	20.522	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	68123	20.245	ug/l	95
36) 1,1-Dichloropropene	8.11	75	59447	20.228	ug/l	98
37) Ethyl Acetate	7.29	43	24238	20.939	ug/l #	96
38) Carbon Tetrachloride	8.09	117	64121	20.732	ug/l	96

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 Data File : VD065789.D
 Acq On : 12 Jun 2020 11:57
 Operator : VA/SY
 Sample : VD0612SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
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 VD0612SBS01

Quant Time: Jun 13 01:57:28 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	69223	19.895	ug/l	98
40) Benzene	8.35	78	160623	19.992	ug/l	96
41) Methacrylonitrile	7.52	41	11685	16.953	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	49547	20.439	ug/l	98
43) Isopropyl Acetate	8.46	43	43746	19.005	ug/l	98
44) Trichloroethene	9.11	130	44406	19.861	ug/l	94
45) 1,2-Dichloropropane	9.39	63	42750	21.177	ug/l	99
46) Dibromomethane	9.48	93	21907	20.009	ug/l	93
47) Bromodichloromethane	9.66	83	58943	20.091	ug/l	98
48) Methyl methacrylate	9.46	41	20075	18.017	ug/l	88
49) 1,4-Dioxane	9.47	88	4927	422.796	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	108870	96.522	ug/l	96
52) Toluene	10.40	92	108773	20.836	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	52086	19.605	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	62994	20.077	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	29891	20.433	ug/l	96
56) Ethyl methacrylate	10.66	69	33910	19.707	ug/l	97
57) 1,3-Dichloropropane	10.95	76	51867	20.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83220	104.029	ug/l	98
59) 2-Hexanone	10.98	43	74410	97.852	ug/l	98
60) Dibromochloromethane	11.14	129	37914	19.185	ug/l	95
61) 1,2-Dibromoethane	11.25	107	29104	20.244	ug/l	99
64) Tetrachloroethene	10.88	164	37632	19.157	ug/l	94
65) Chlorobenzene	11.67	112	114583	20.204	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	41912	19.826	ug/l	97
67) Ethyl Benzene	11.74	91	203057	20.043	ug/l	98
68) m/p-Xylenes	11.86	106	155807	39.926	ug/l	99
69) o-Xylene	12.18	106	69832	19.847	ug/l	97
70) Styrene	12.20	104	119738	19.658	ug/l	98
71) Bromoform	12.36	173	23088	19.833	ug/l #	92
73) Isopropylbenzene	12.48	105	192413	19.191	ug/l	100
74) N-amyl acetate	12.29	43	41355	18.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	32476	19.179	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	28508m	24.512	ug/l	
77) Bromobenzene	12.76	156	46565	19.629	ug/l	99
78) n-propylbenzene	12.83	91	237425	19.672	ug/l	100
79) 2-Chlorotoluene	12.91	91	132054	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	166415	19.945	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.53	75	9638	17.905	ug/l	94
82) 4-Chlorotoluene	13.01	91	140547	19.777	ug/l	99
83) tert-Butylbenzene	13.23	119	135605	18.731	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	162278	19.431	ug/l	100
85) sec-Butylbenzene	13.41	105	198423	19.694	ug/l	99
86) p-Isopropyltoluene	13.52	119	178649	19.346	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	90883	19.430	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	91438	19.652	ug/l	97
89) n-Butylbenzene	13.85	91	171152	19.433	ug/l	99
90) Hexachloroethane	14.12	117	36544	19.770	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	77920	19.356	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5457	19.364	ug/l	81

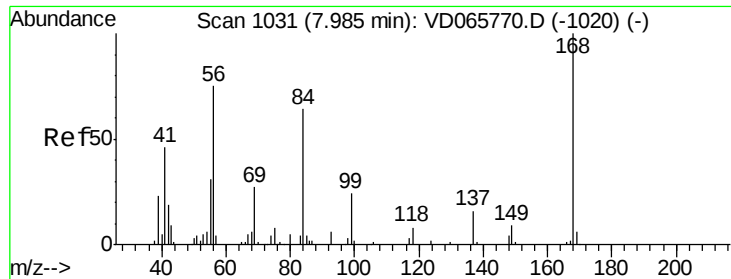
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065789.D
Acq On : 12 Jun 2020 11:57
Operator : VA/SY
Sample : VD0612SBS01
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Instrument :
MSVOA_D
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Quant Title : SW846 8260
QLast Update : 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	50178	18.333	ug/l	99
94) Hexachlorobutadiene	15.27	225	29226	17.664	ug/l	99
95) Naphthalene	15.41	128	80594	17.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	42923	18.208	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: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

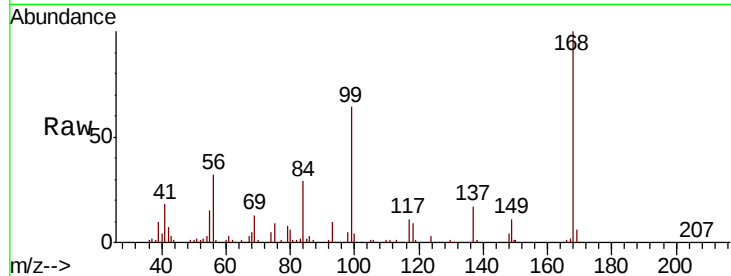
VD0612SBS01

Tot Ion:168 Resp: 190993

Ion Ratio Lower Upper

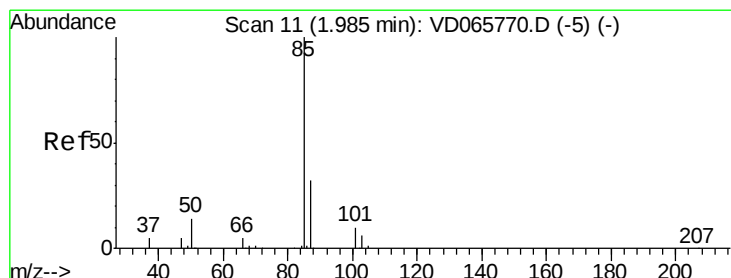
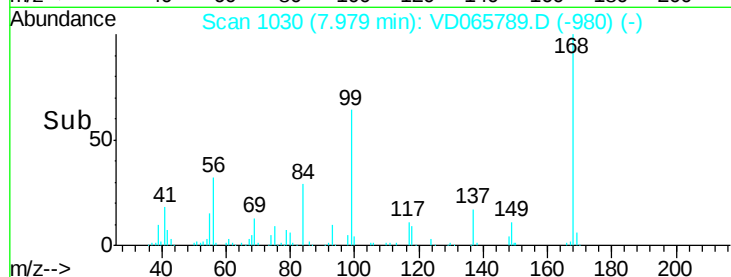
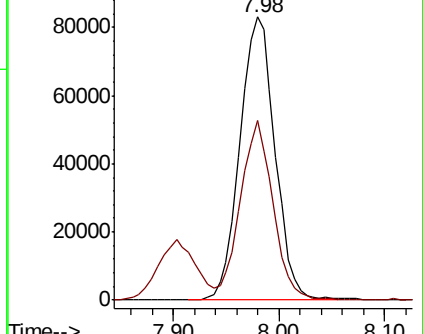
168 100

99 63.3 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: 23.143 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065789.D

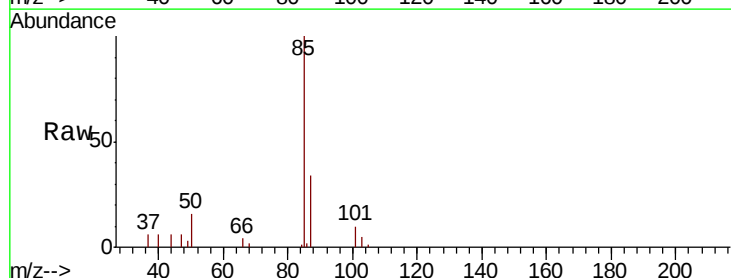
Acq: 12 Jun 2020 11:57

Tgt Ion: 85 Resp: 32452

Ion Ratio Lower Upper

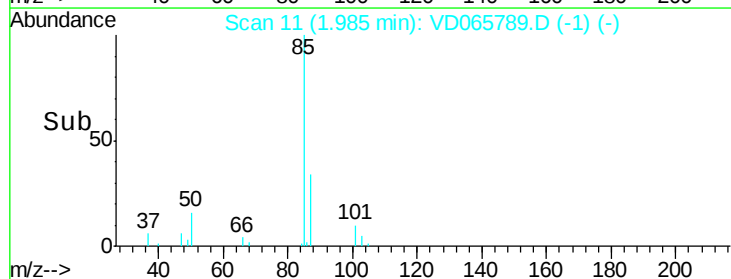
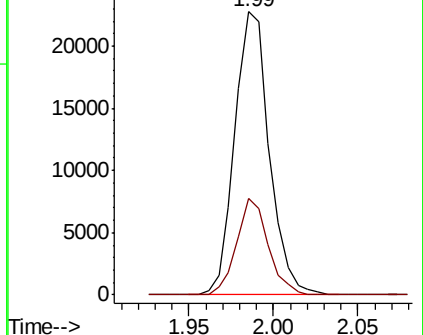
85 100

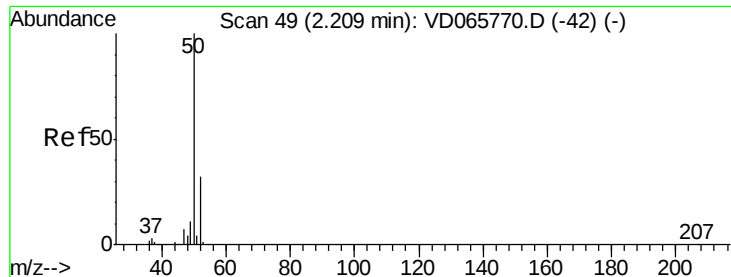
87 34.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.796 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

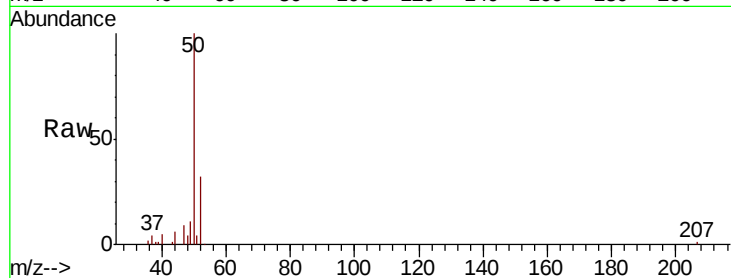
VD0612SBS01

Tot Ion: 50 Resp: 57344

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

40000

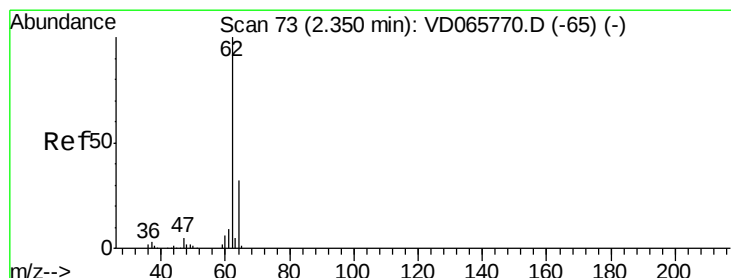
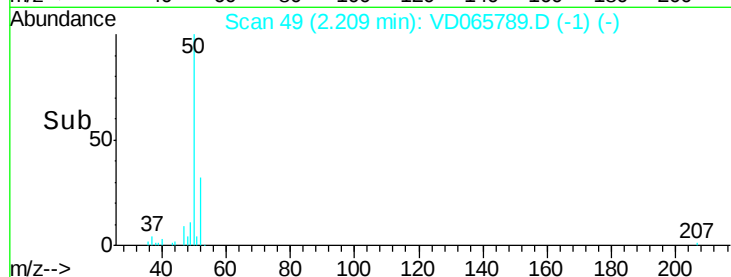
30000

20000

10000

0

Time--> 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 22.749 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065789.D

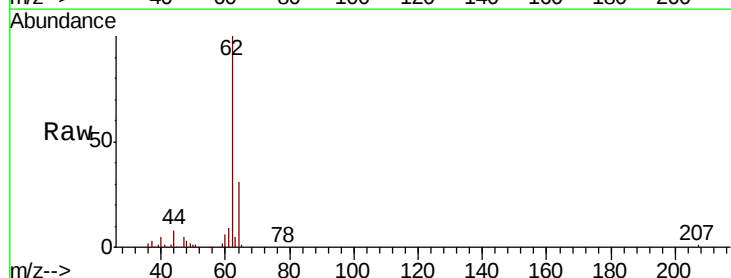
Acq: 12 Jun 2020 11:57

Tgt Ion: 62 Resp: 64104

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

40000

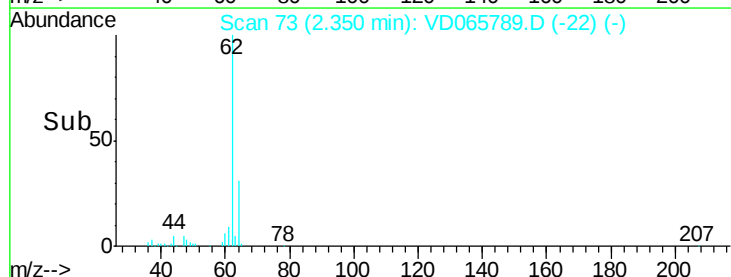
30000

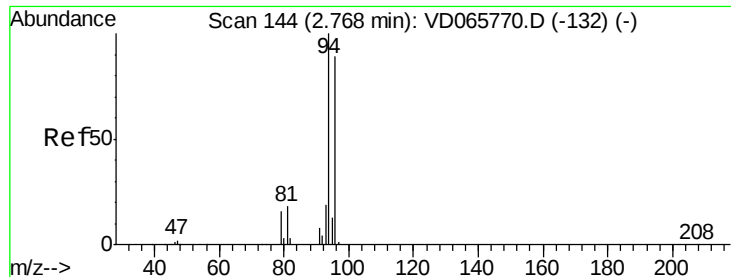
20000

10000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 22.756 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

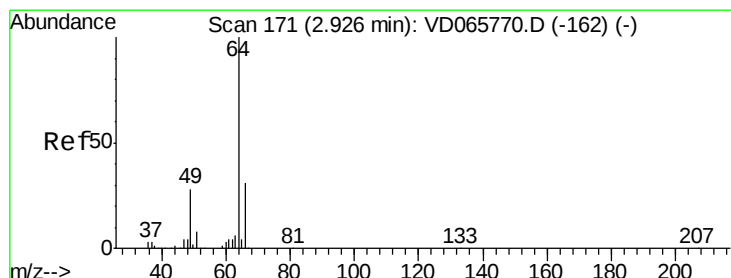
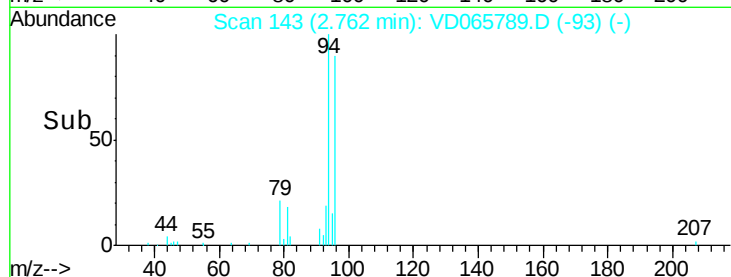
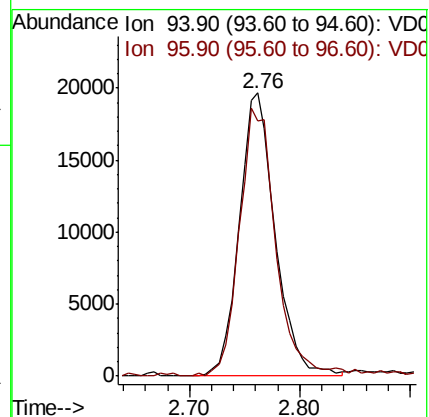
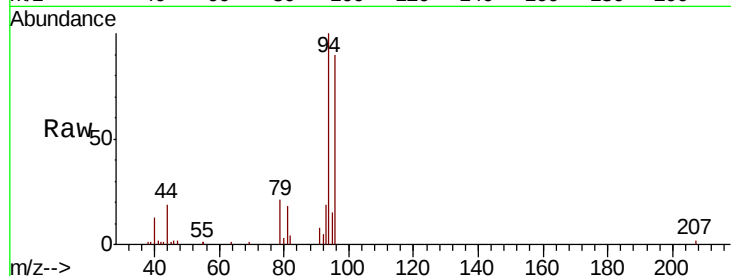
VD0612SBS01

Tot Ion: 94 Resp: 44844

Ion Ratio Lower Upper

94 100

96 90.2 71.4 107.0



#6

Chloroethane

Concen: 22.830 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065789.D

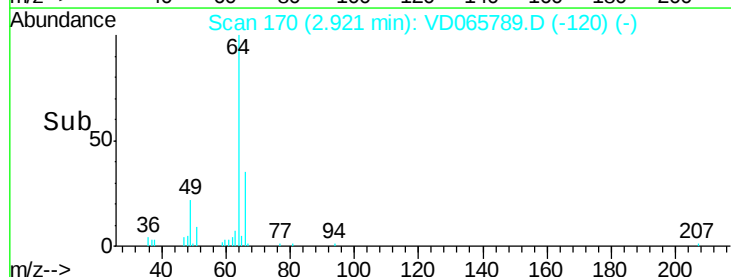
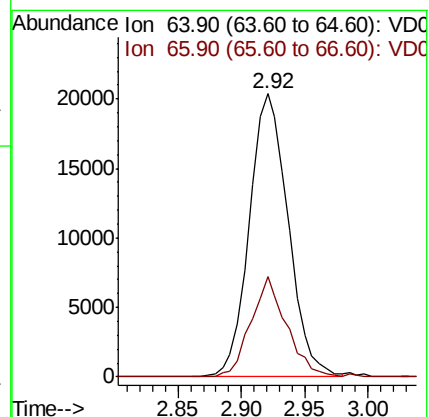
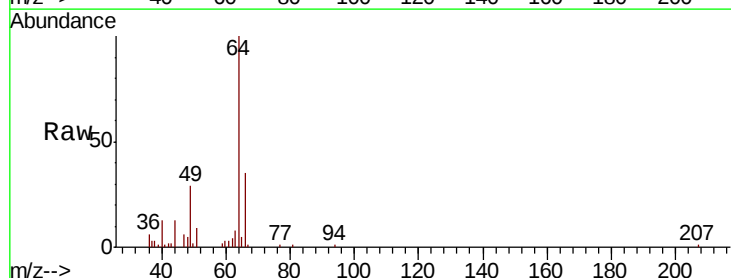
Acq: 12 Jun 2020 11:57

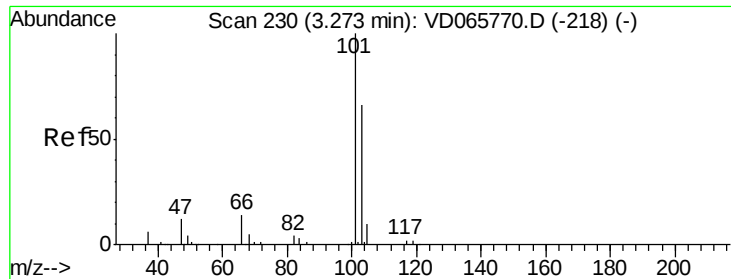
Tgt Ion: 64 Resp: 43498

Ion Ratio Lower Upper

64 100

66 35.4 24.5 36.7



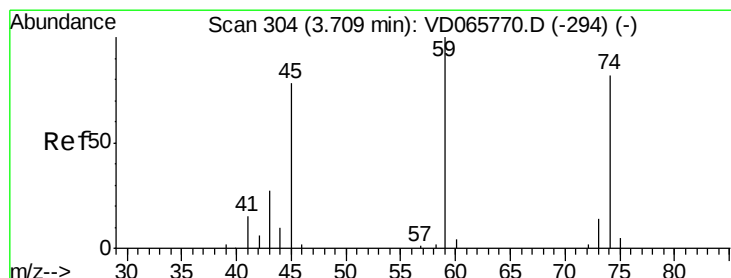
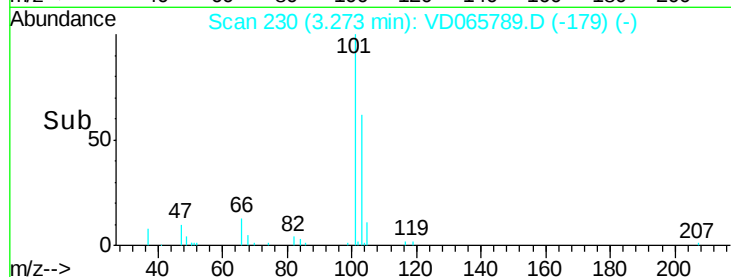
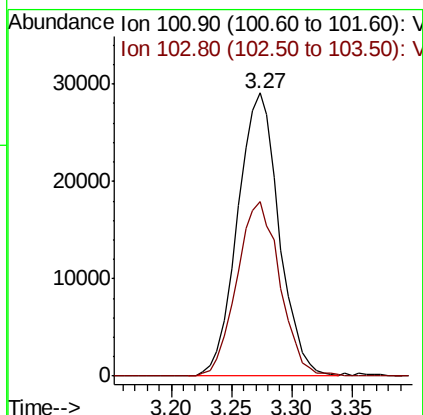
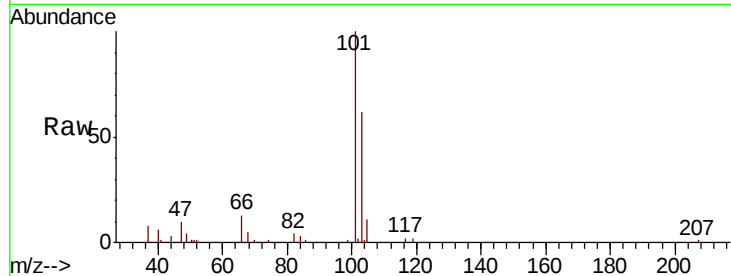


#7

Trichlorofluoromethane
 Concen: 21.713 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

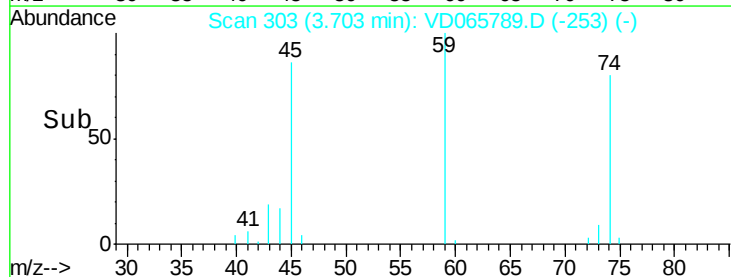
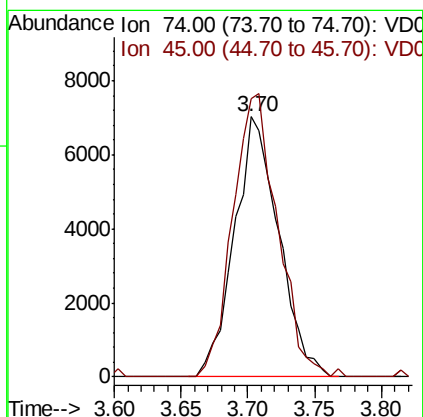
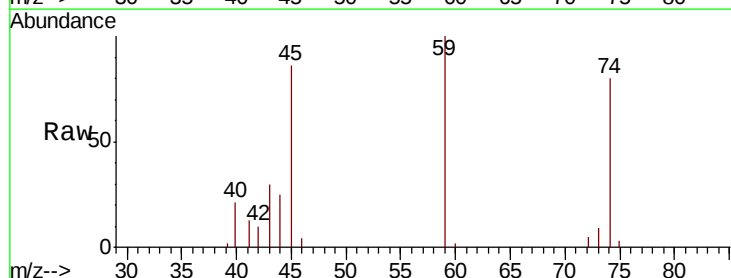
Tot Ion:101 Resp: 69319
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.1 79.7

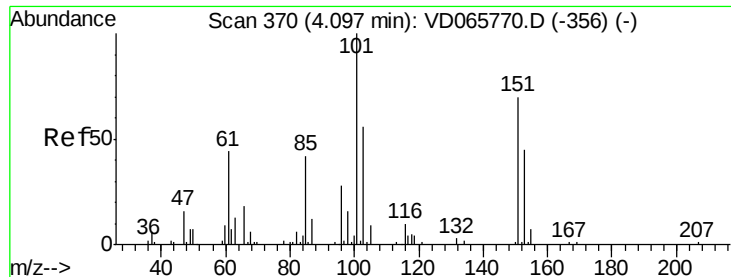


#8

Diethyl Ether
 Concen: 19.282 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 74 Resp: 16185
 Ion Ratio Lower Upper
 74 100
 45 110.0 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.840 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

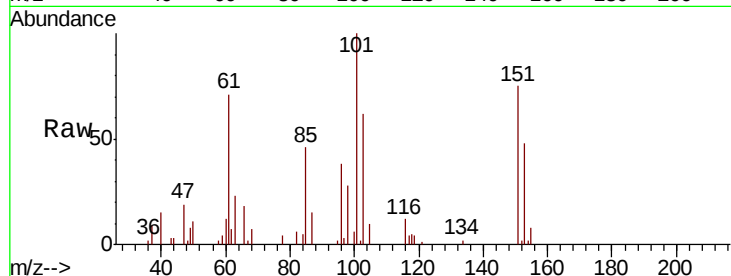
Tot Ion:101 Resp: 39672

Ion Ratio Lower Upper

101 100

85 47.6 36.5 54.7

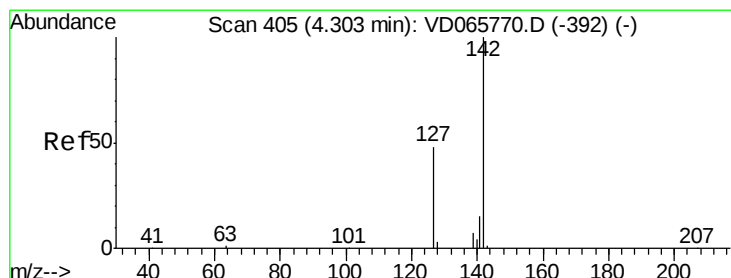
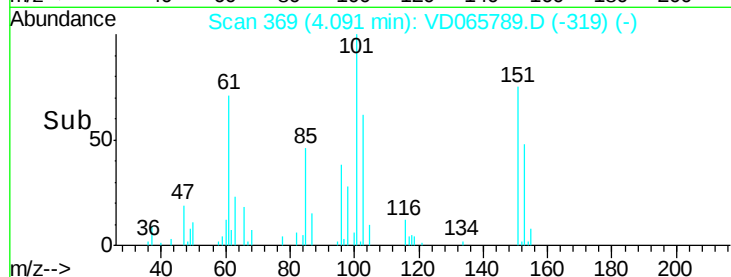
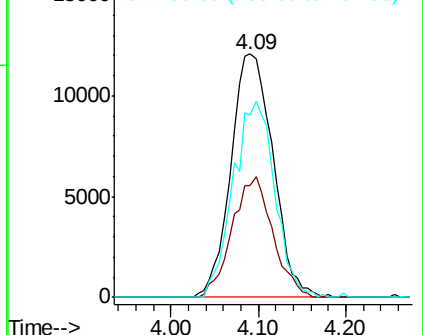
151 79.3 61.8 92.6



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: 18.078 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

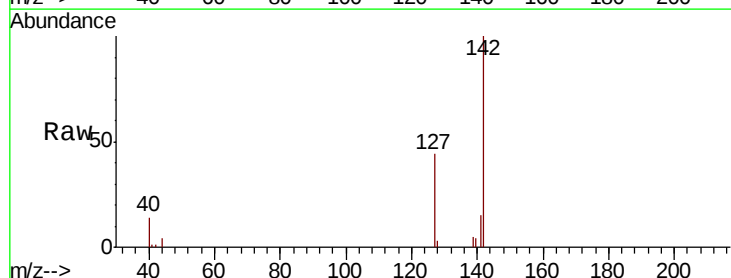
Tgt Ion:142 Resp: 33513

Ion Ratio Lower Upper

142 100

127 50.2 37.6 56.4

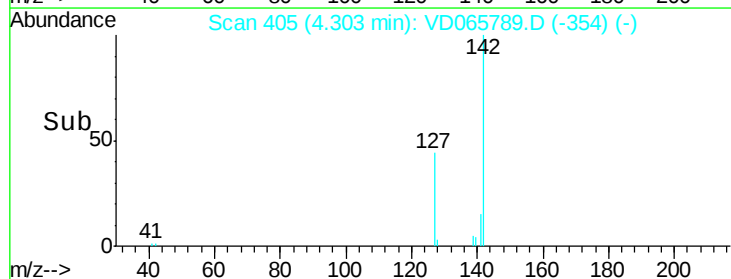
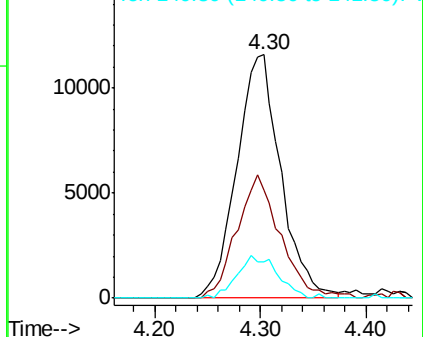
141 16.0 12.1 18.1

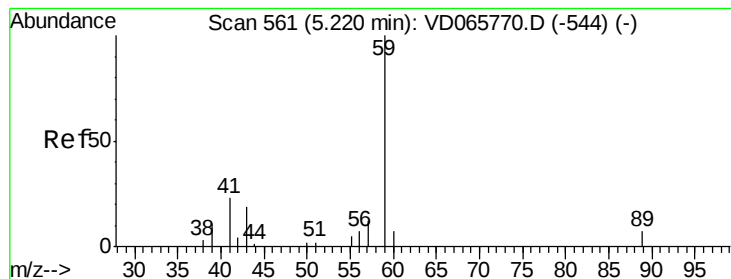


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.009 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

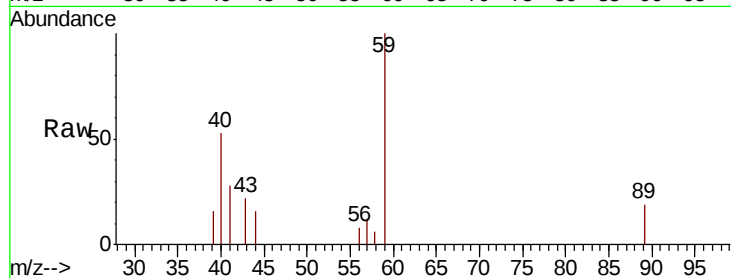
VD0612SBS01

Tot Ion: 59 Resp: 12747

Ion Ratio Lower Upper

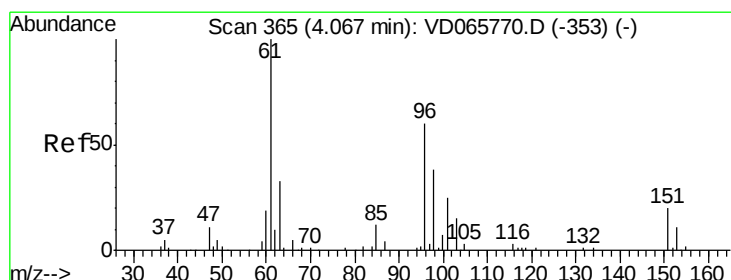
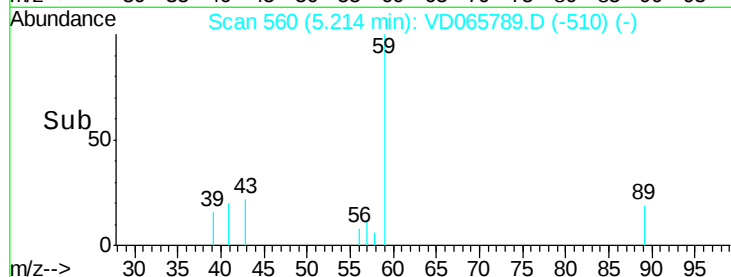
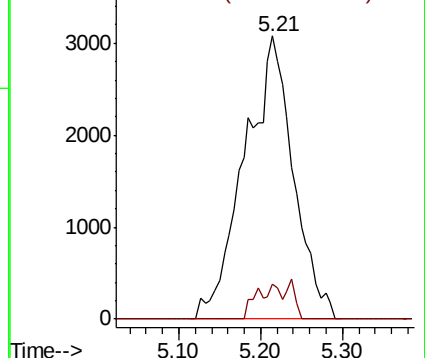
59 100

57 0.0 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: 20.141 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

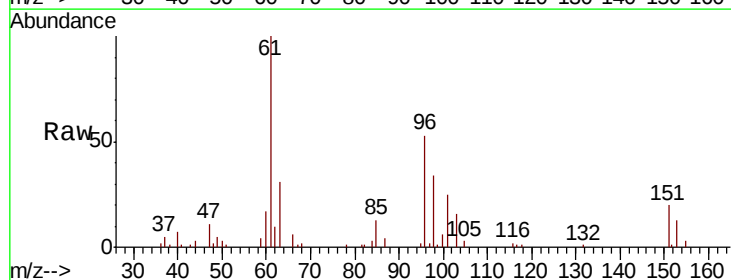
Tgt Ion: 96 Resp: 34946

Ion Ratio Lower Upper

96 100

61 189.5 132.3 198.5

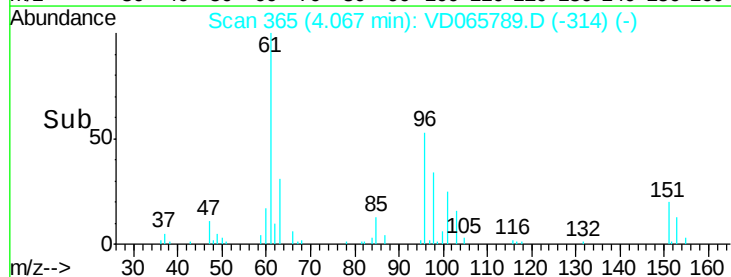
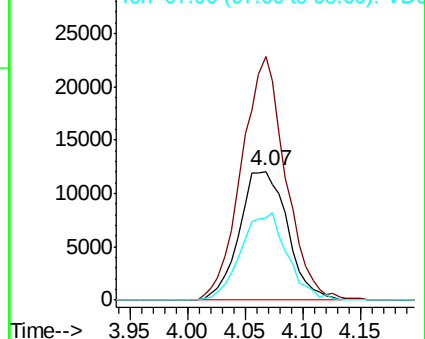
98 64.4 50.7 76.1

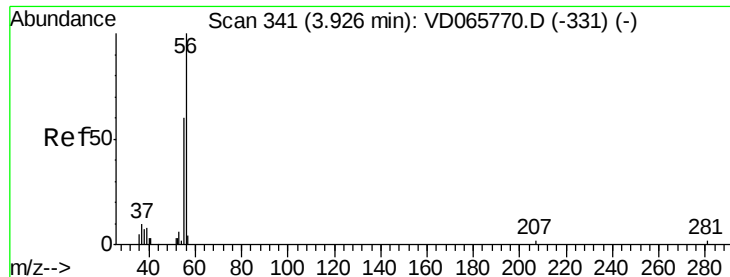


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 89.741 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

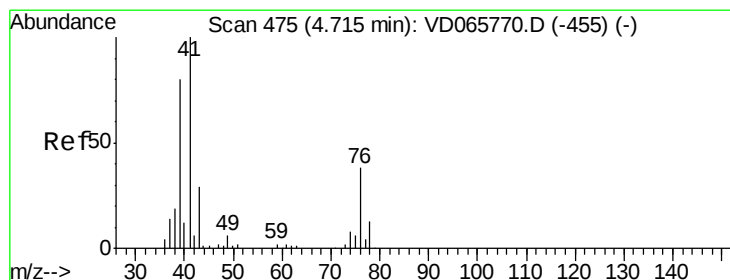
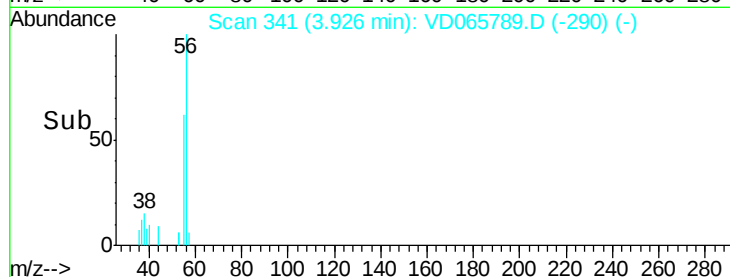
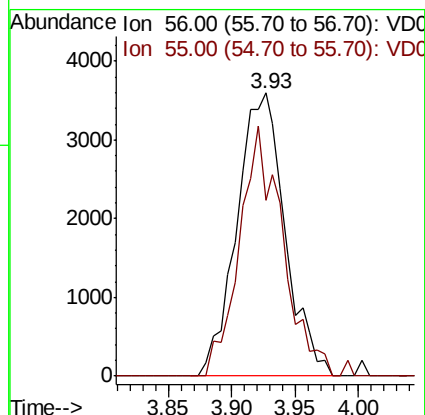
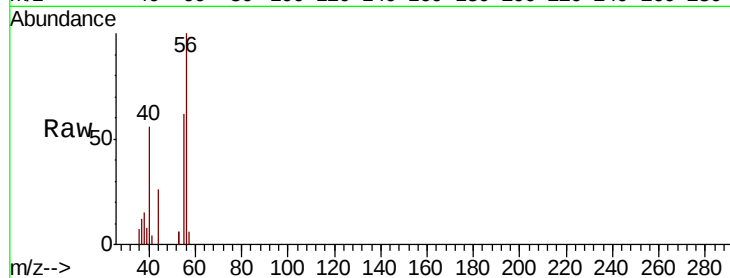
VD0612SBS01

Tot Ion: 56 Resp: 9513

Ion Ratio Lower Upper

56 100

55 78.6 54.8 82.2



#14

Allyl chloride

Concen: 20.750 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

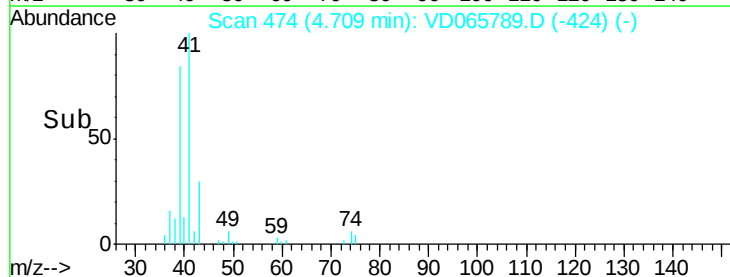
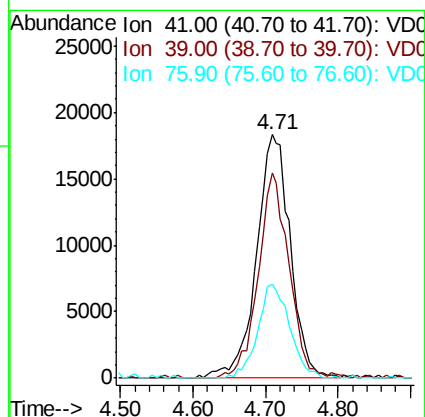
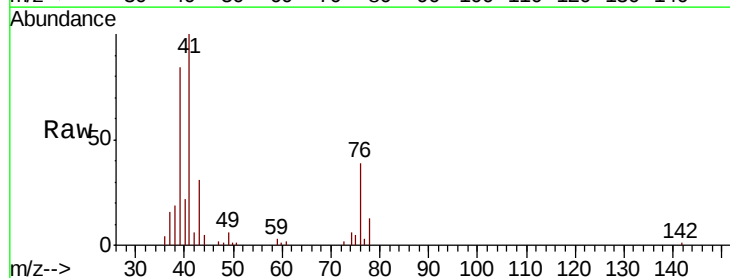
Tgt Ion: 41 Resp: 59505

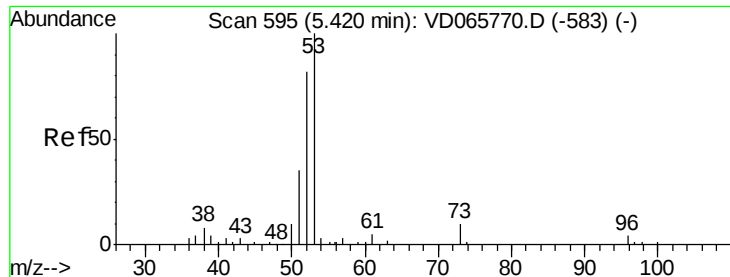
Ion Ratio Lower Upper

41 100

39 76.4 60.9 91.3

76 36.4 28.9 43.3





#15

Acrylonitrile

Concen: 101.482 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

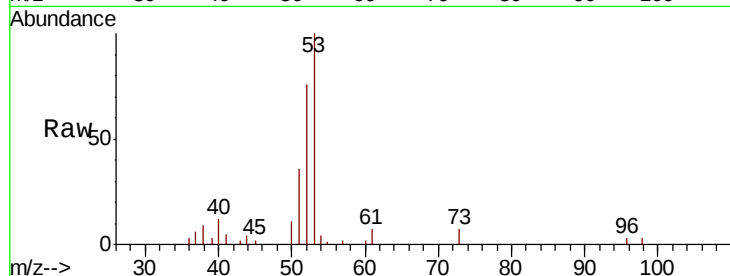
Tot Ion: 53 Resp: 38688

Ion Ratio Lower Upper

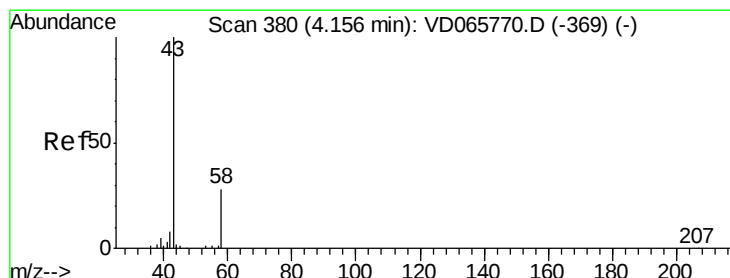
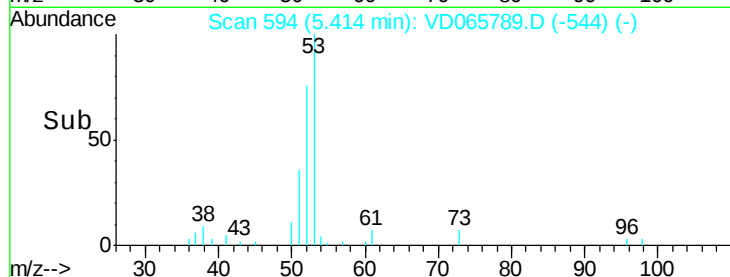
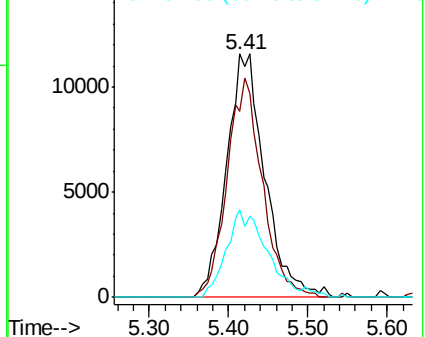
53 100

52 83.0 66.2 99.2

51 37.6 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: 96.084 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065789.D

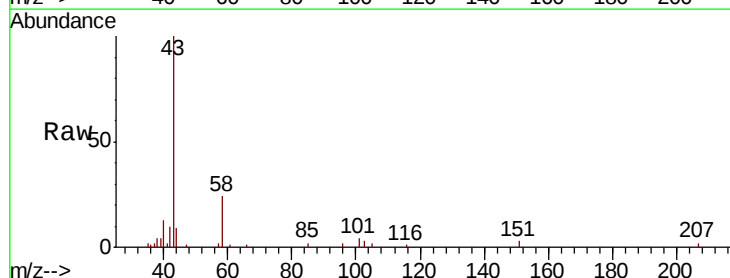
Acq: 12 Jun 2020 11:57

Tgt Ion: 43 Resp: 34206

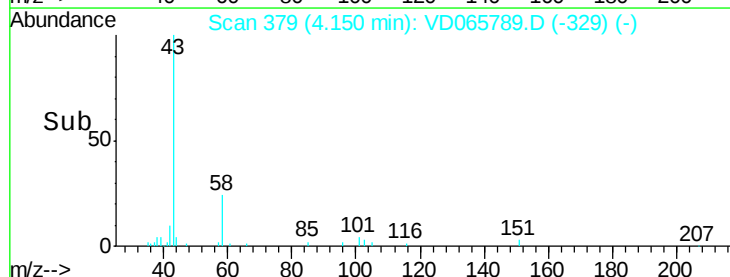
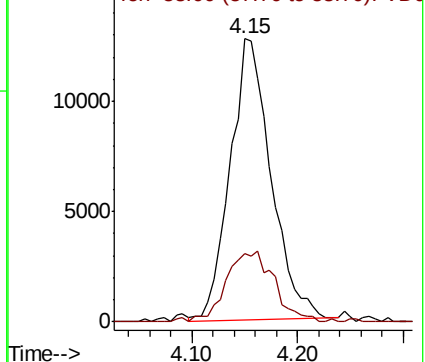
Ion Ratio Lower Upper

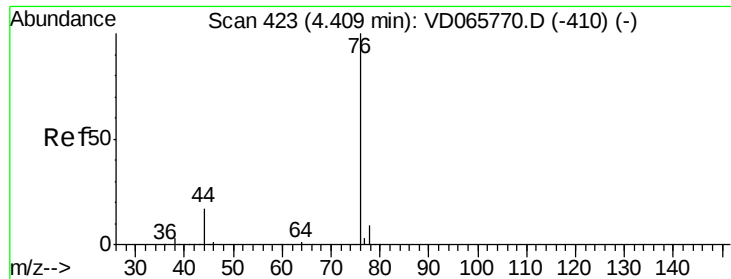
43 100

58 24.3 22.3 33.5



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

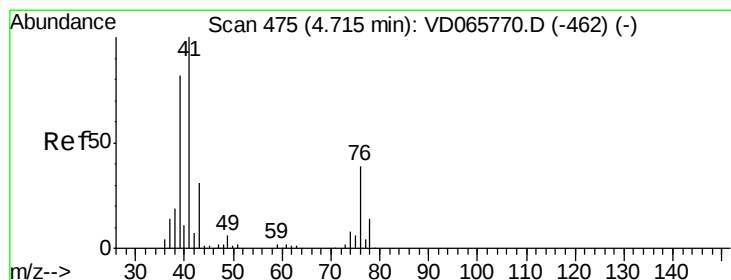
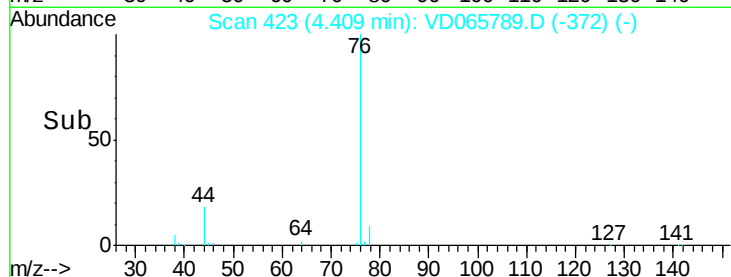
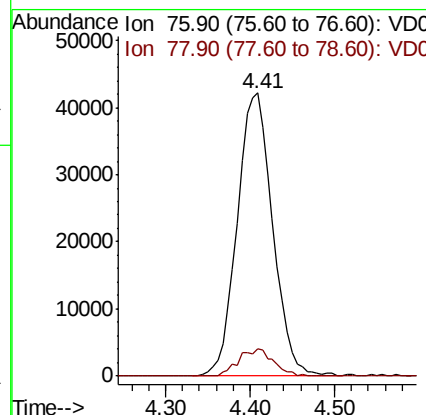
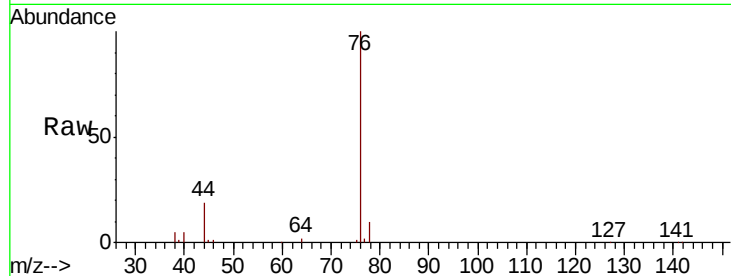




#17
Carbon Disulfide
Concen: 21.010 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

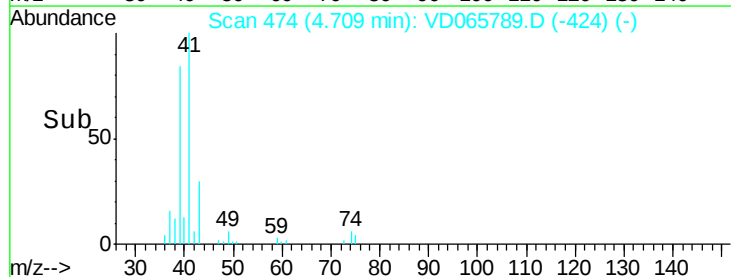
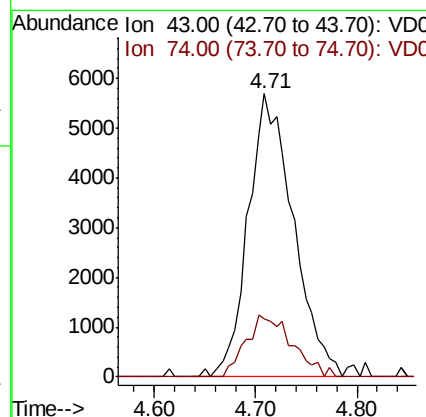
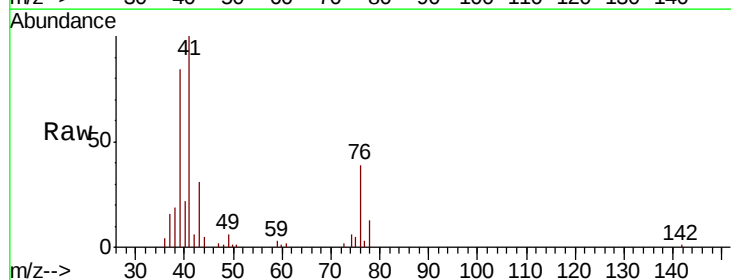
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

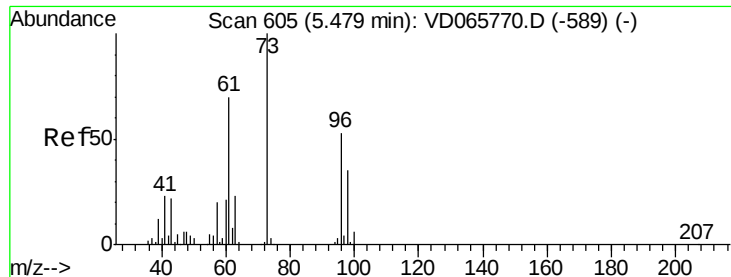
Tot Ion: 76 Resp: 122351
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.779 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 43 Resp: 17645
Ion Ratio Lower Upper
43 100
74 22.2 18.7 28.1

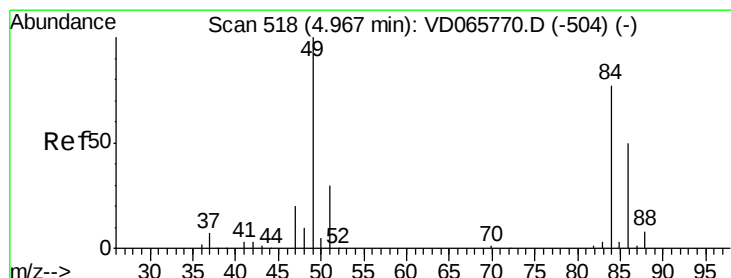
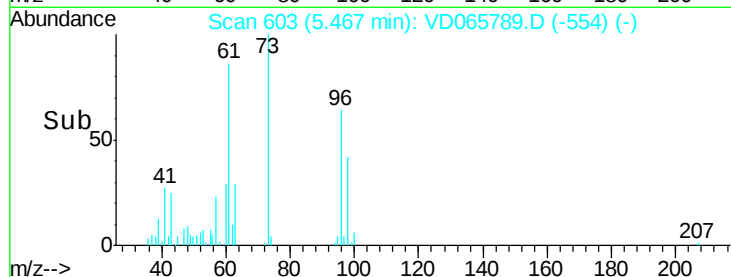
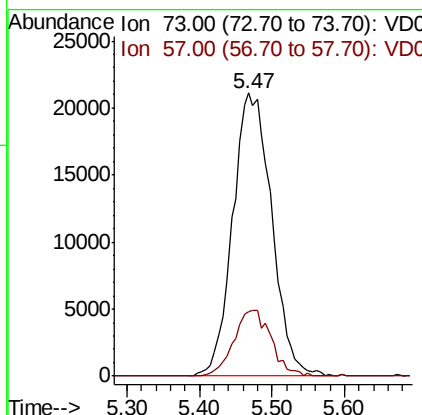
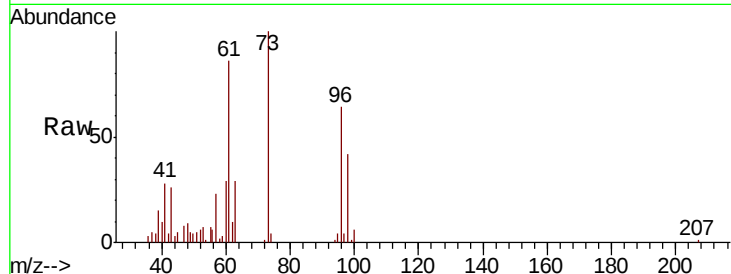




#19
Methvl tert-butvl Ether
Concen: 20.008 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

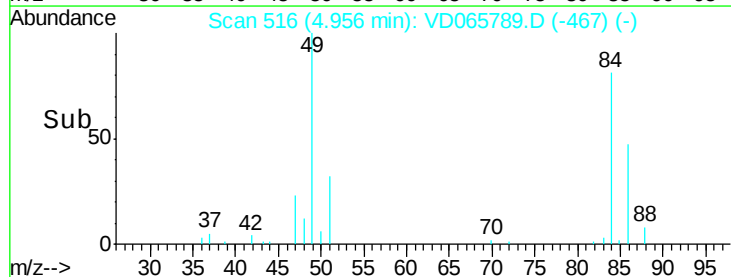
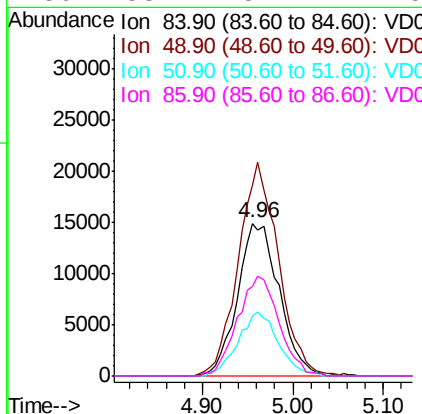
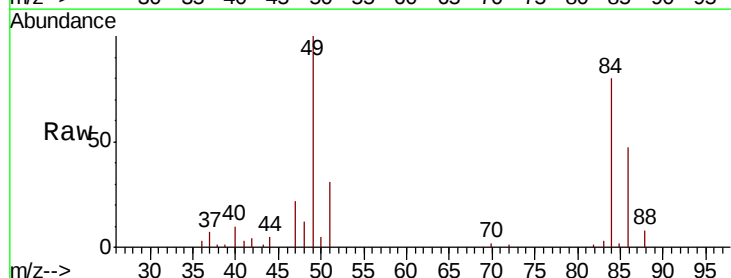
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

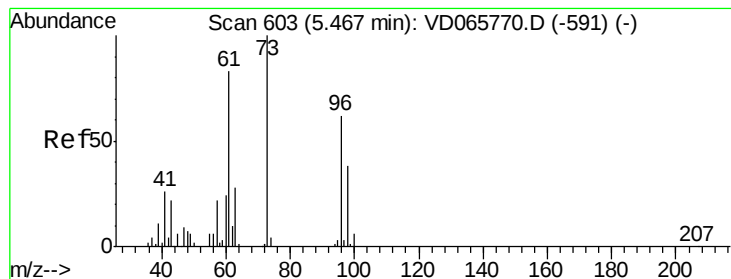
Tot Ion: 73 Resp: 78632
Ion Ratio Lower Upper
73 100
57 22.9 16.2 24.2



#20
Methylene Chloride
Concen: 22.736 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 84 Resp: 47572
Ion Ratio Lower Upper
84 100
49 124.9 103.4 155.0
51 39.0 31.4 47.2
86 58.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.001 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

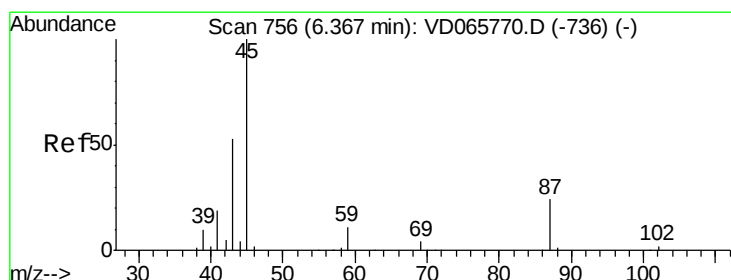
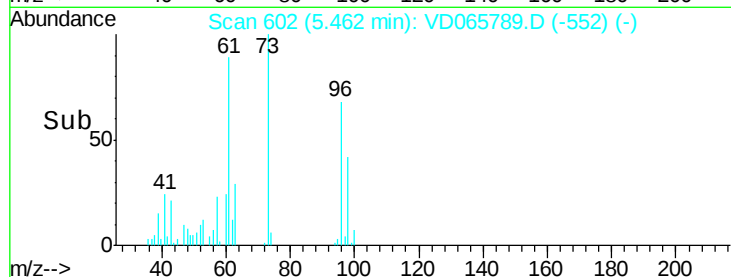
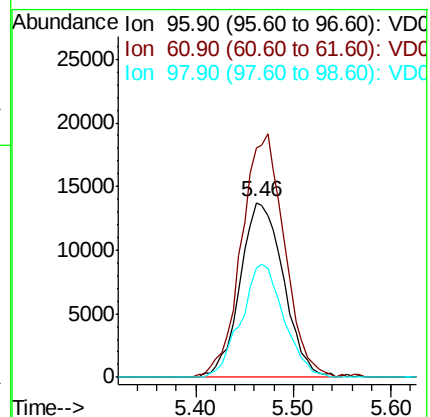
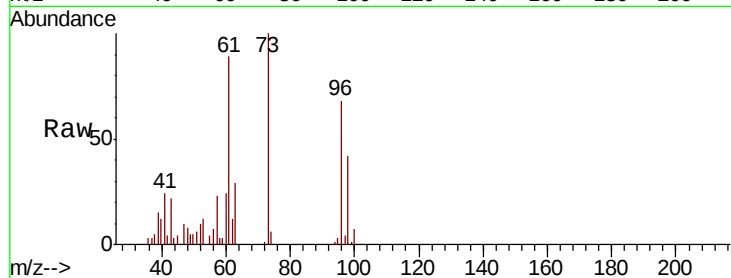
Tot Ion: 96 Resp: 42673

Ion Ratio Lower Upper

96 100

61 131.9 107.7 161.5

98 62.6 49.3 73.9



#22

Diisopropyl ether

Concen: 21.321 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Tgt Ion: 45 Resp: 123542

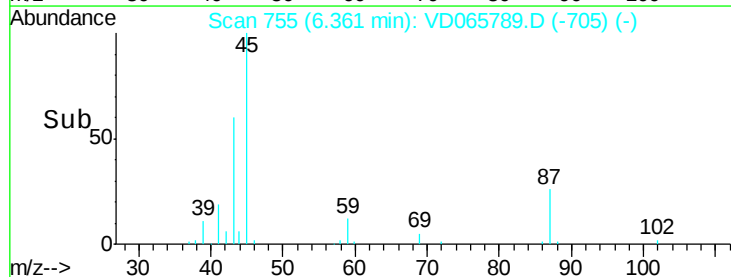
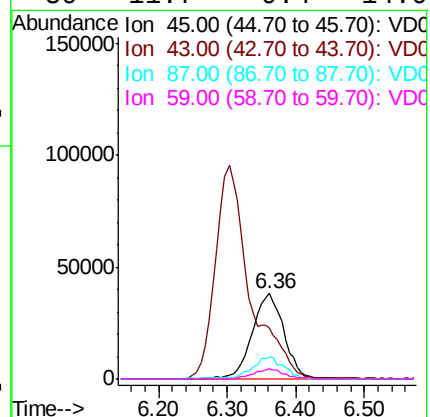
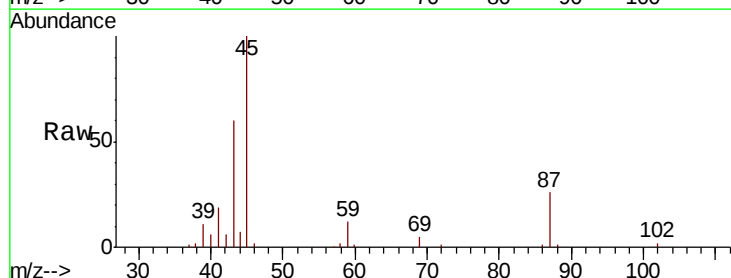
Ion Ratio Lower Upper

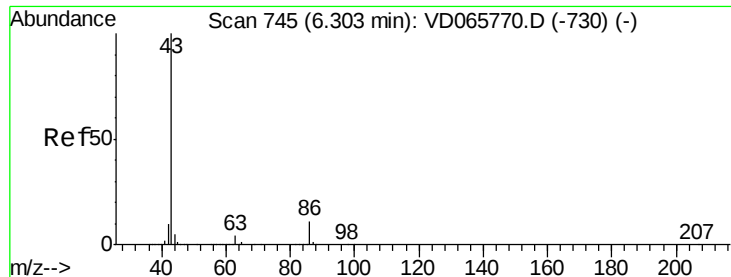
45 100

43 58.8 43.4 65.0

87 25.9 20.2 30.4

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 101.925 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

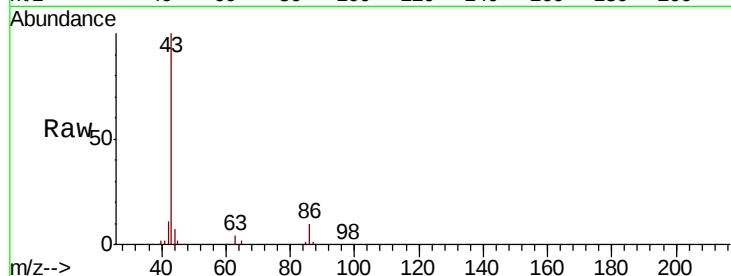
VD0612SBS01

Tot Ion: 43 Resp: 333497

Ion Ratio Lower Upper

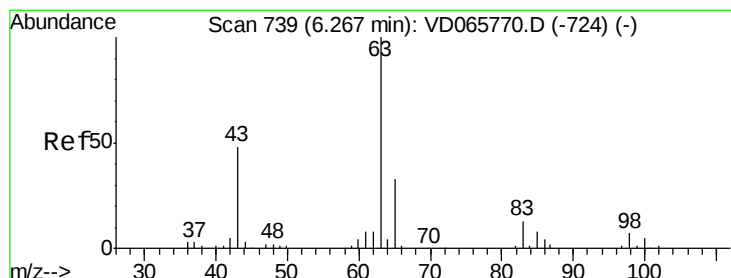
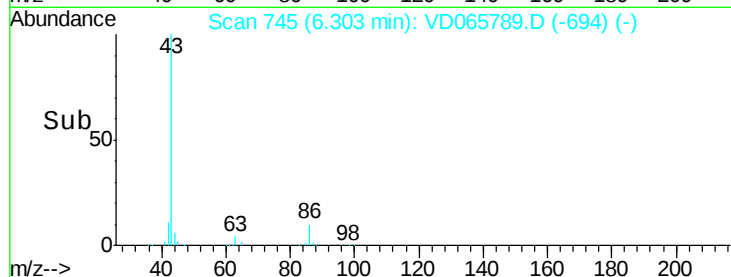
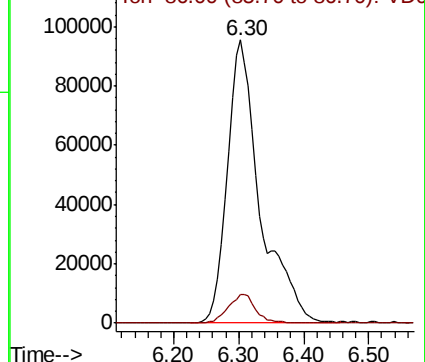
43 100

86 9.9 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: 20.801 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

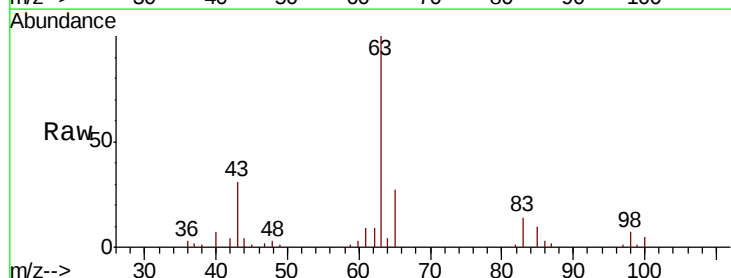
Tgt Ion: 63 Resp: 73437

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

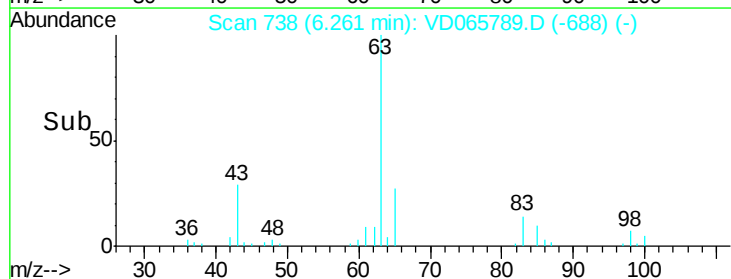
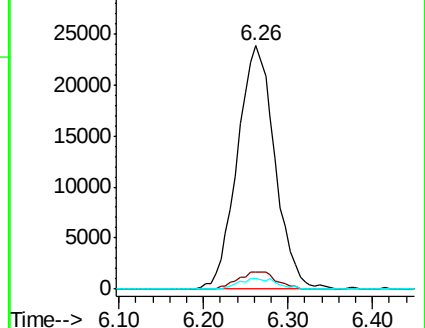
100 4.6 2.3 6.9

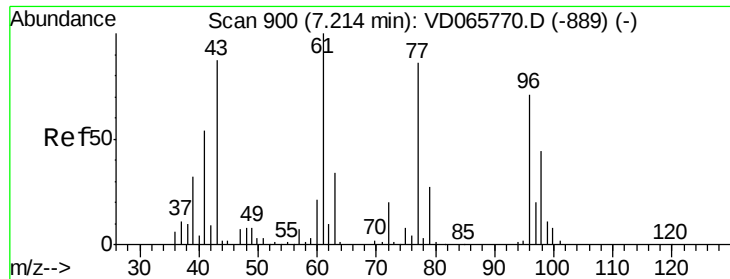


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 99.448 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

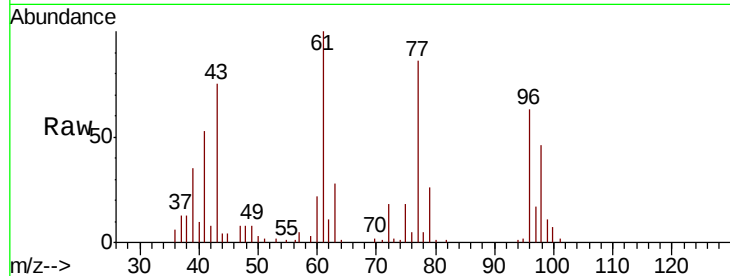
VD0612SBS01

Tot Ion: 43 Resp: 48894

Ion Ratio Lower Upper

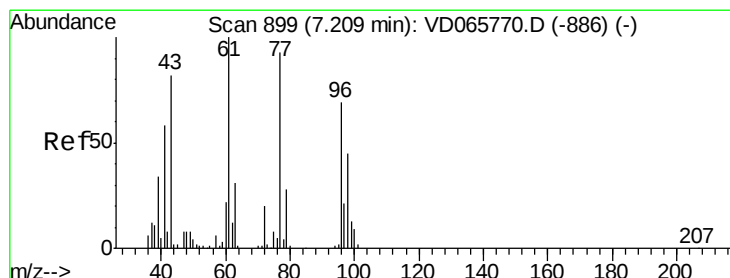
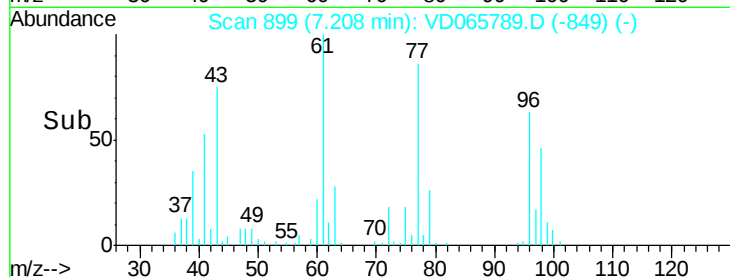
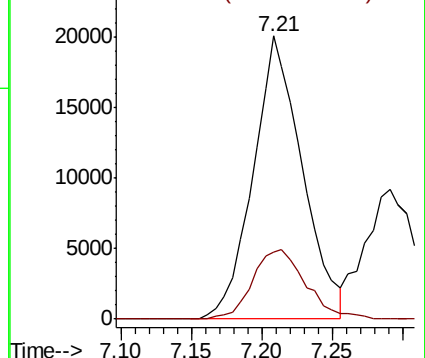
43 100

72 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.874 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065789.D

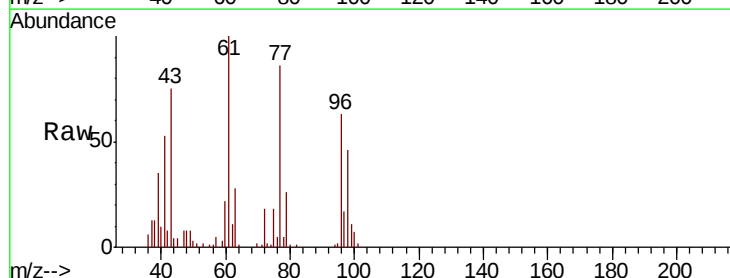
Acq: 12 Jun 2020 11:57

Tgt Ion: 77 Resp: 65344

Ion Ratio Lower Upper

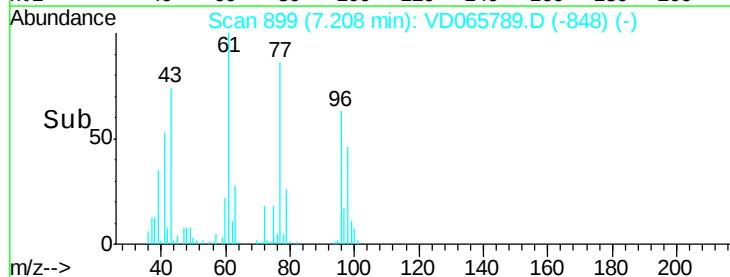
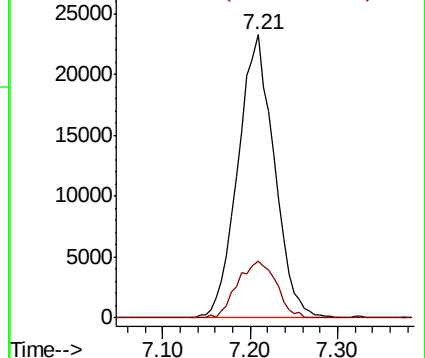
77 100

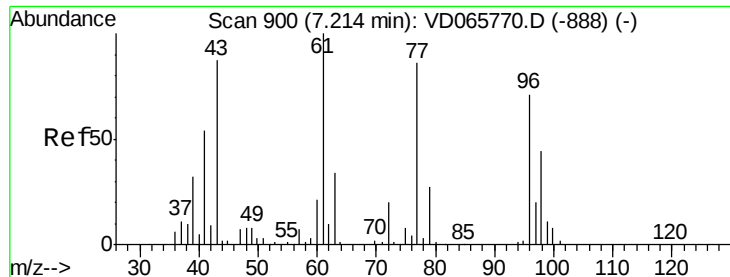
97 21.4 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



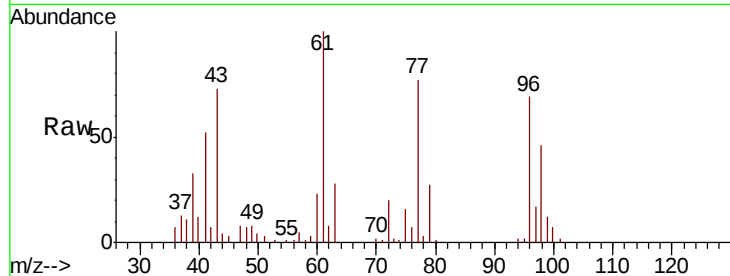


#27

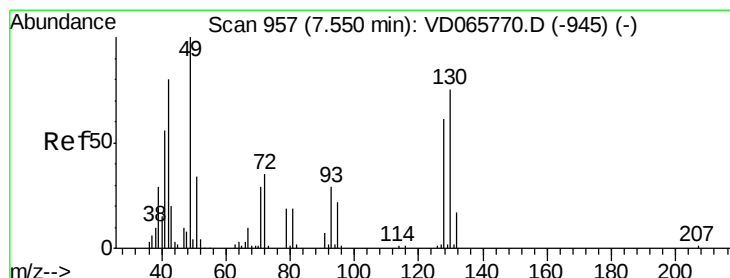
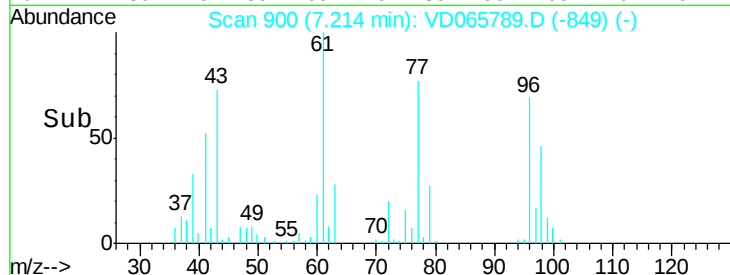
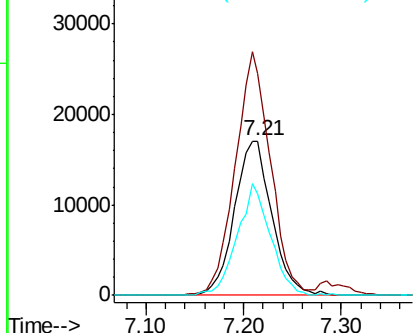
cis-1,2-Dichloroethene
Concen: 20.756 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

Tot Ion: 96 Resp: 45368
Ion Ratio Lower Upper
96 100
61 148.5 0.0 291.2
98 64.2 0.0 128.8



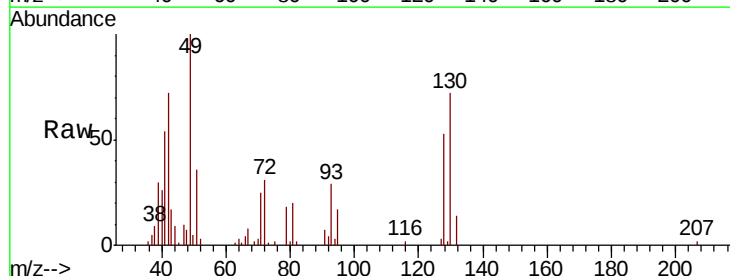
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



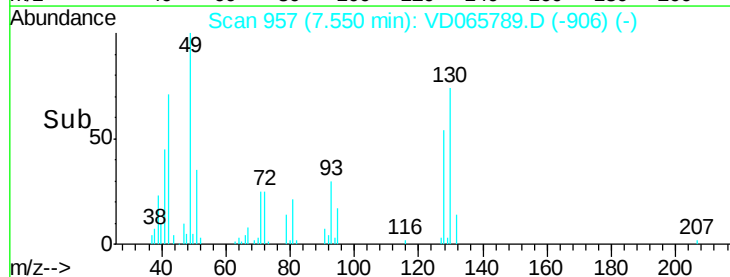
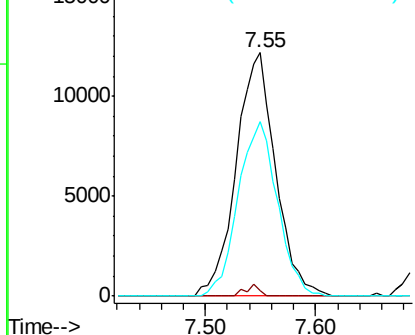
#28

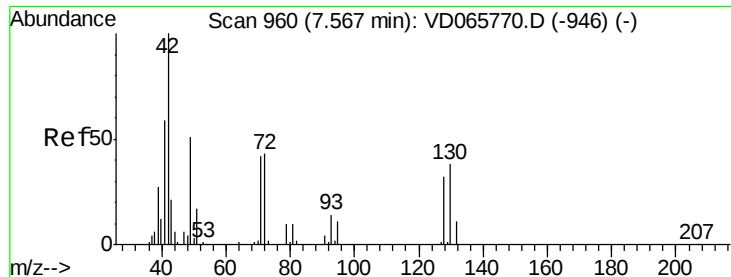
Bromochloromethane
Concen: 22.394 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 49 Resp: 30536
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 71.5 59.5 89.3



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

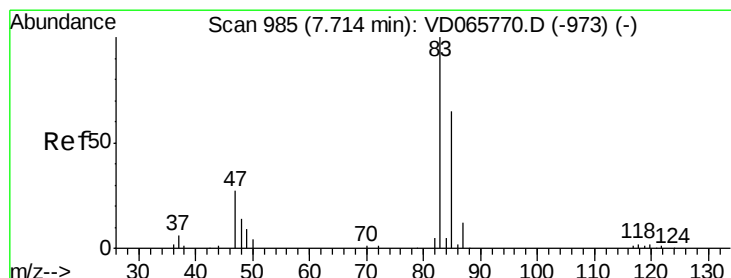
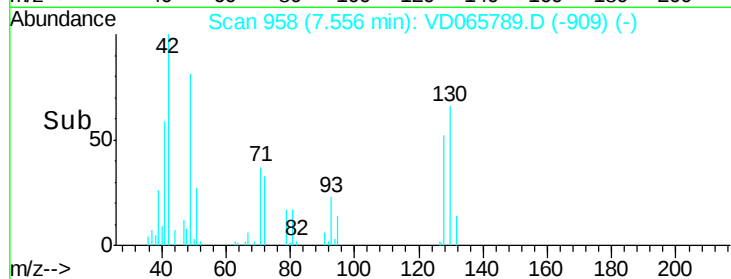
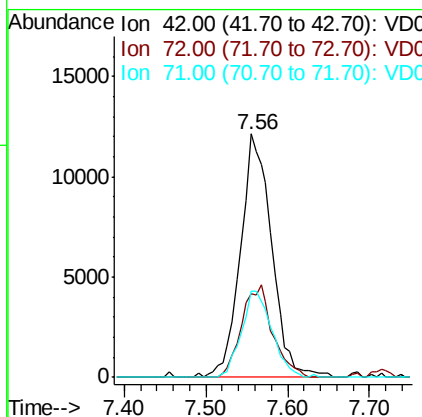
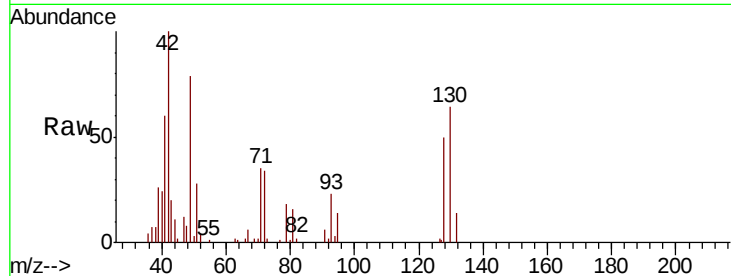




#29
Tetrahydrofuran
Concen: 103.921 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

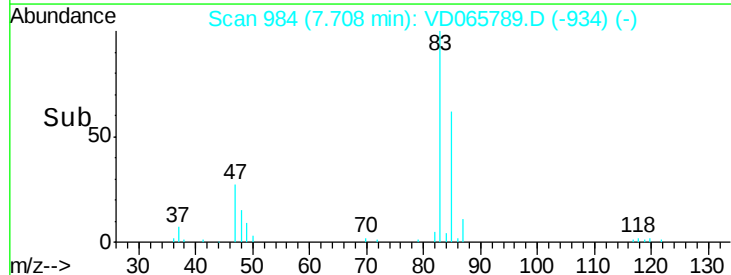
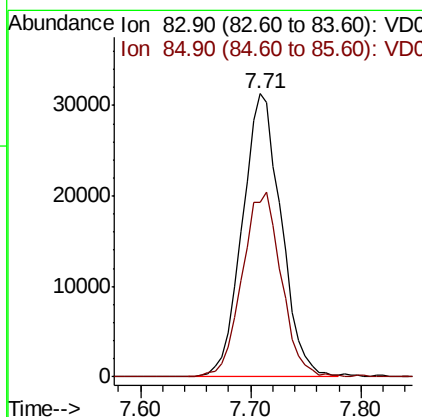
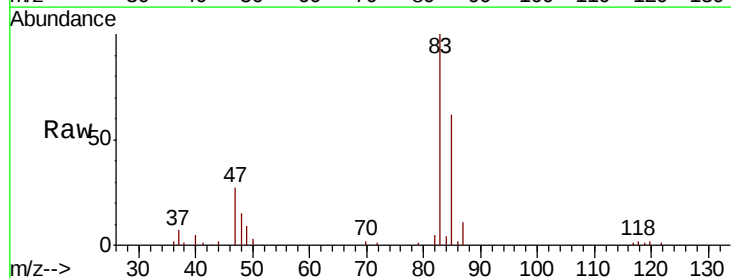
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

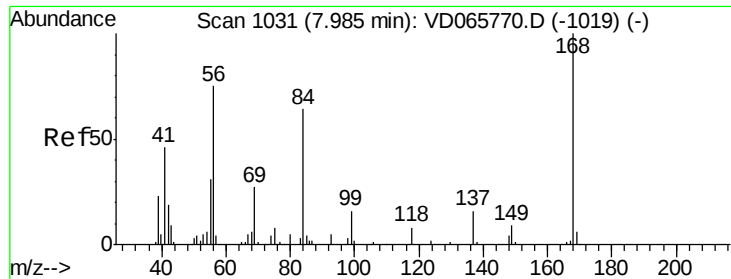
Tot Ion: 42 Resp: 32292
Ion Ratio Lower Upper
42 100
72 37.8 34.9 52.3
71 34.5 31.2 46.8



#30
Chloroform
Concen: 21.113 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 83 Resp: 77259
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9

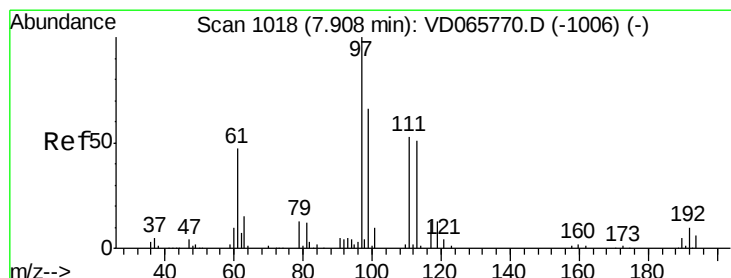
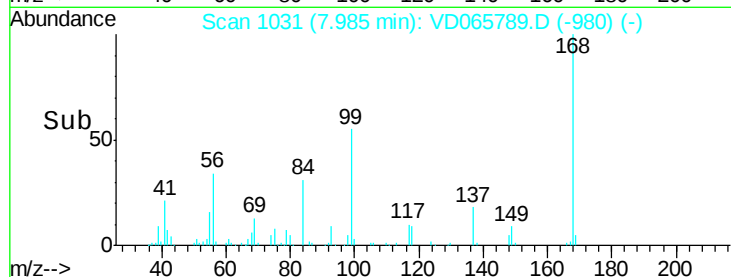
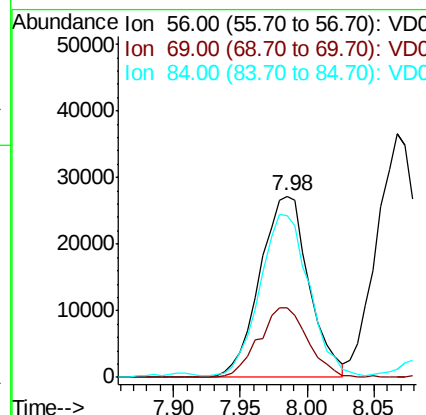
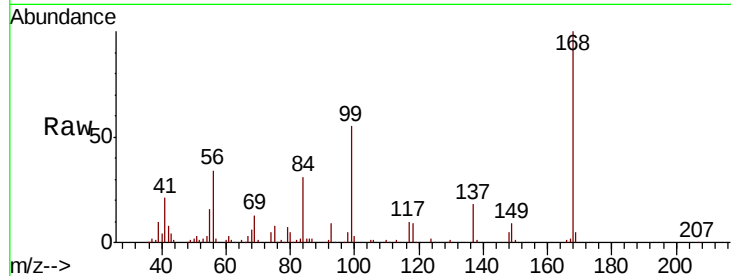




#31
Cyclohexane
Concen: 20.522 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

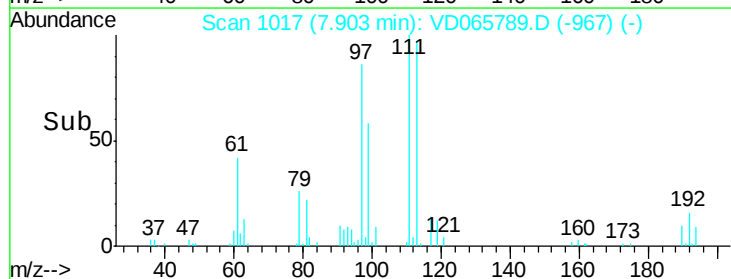
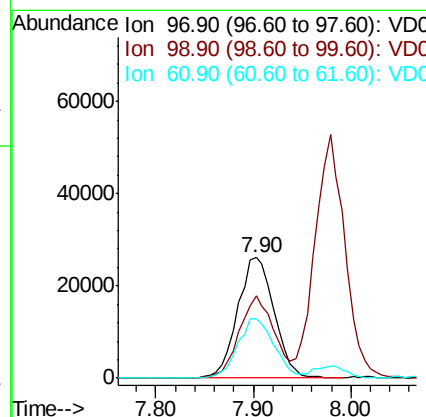
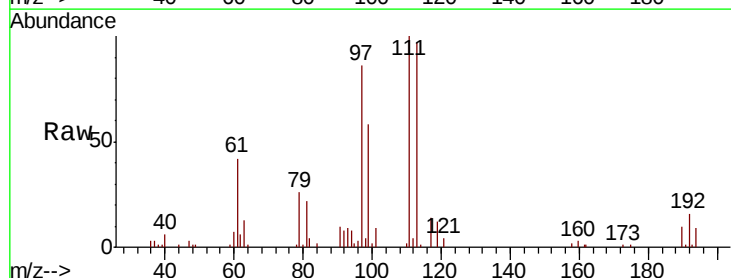
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

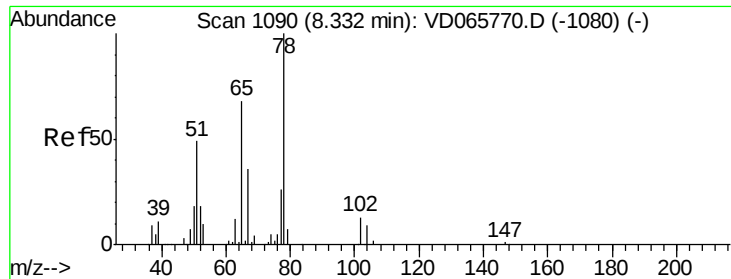
Tot Ion: 56 Resp: 69459
Ion Ratio Lower Upper
56 100
69 38.5 28.5 42.7
84 87.5 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 20.245 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 97 Resp: 68123
Ion Ratio Lower Upper
97 100
99 64.9 49.2 73.8
61 48.9 36.0 54.0

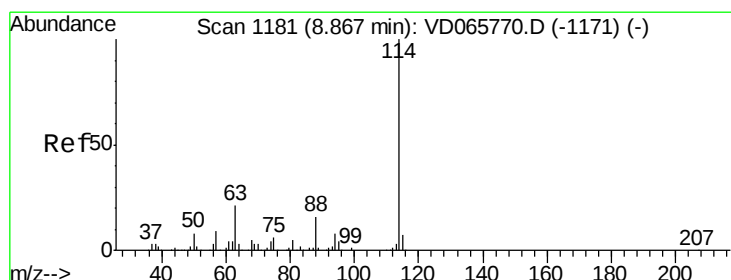
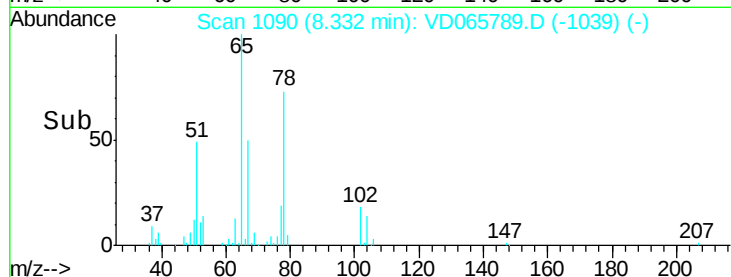
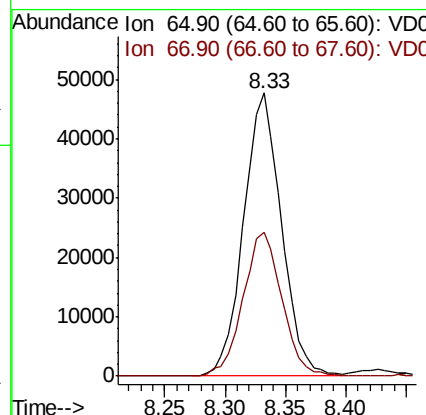
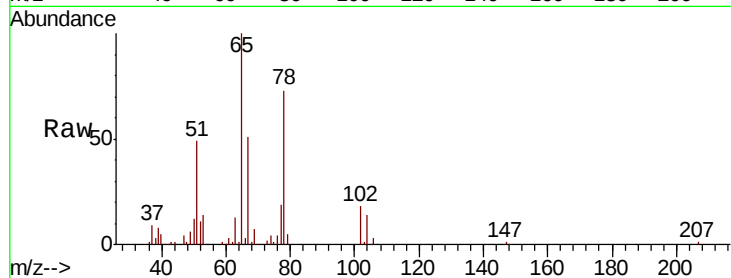




#33
 1,2-Dichloroethane-d4
 Concen: 55.313 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

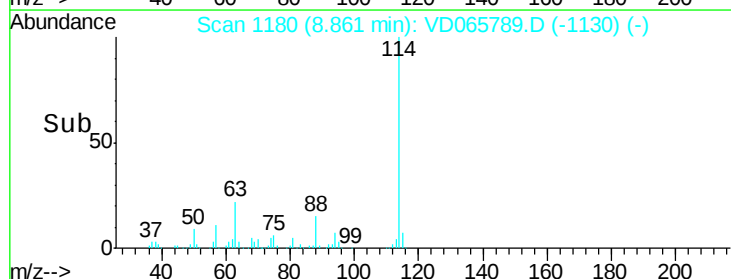
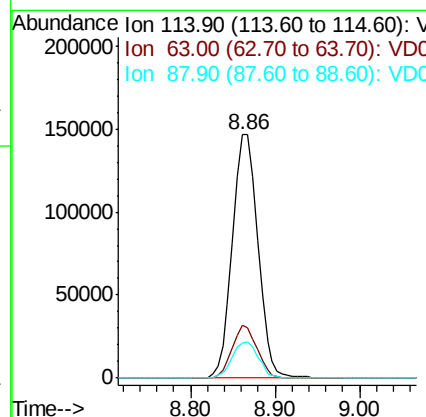
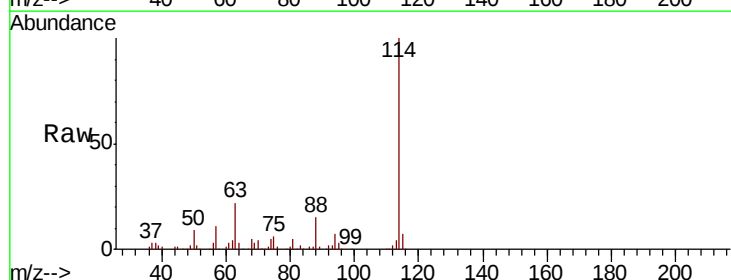
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

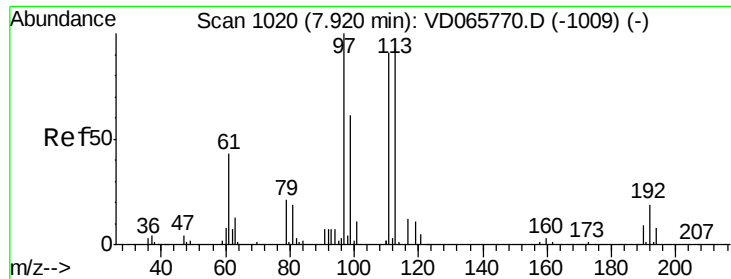
Tot Ion: 65 Resp: 104391
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 114 Resp: 306789
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.452 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

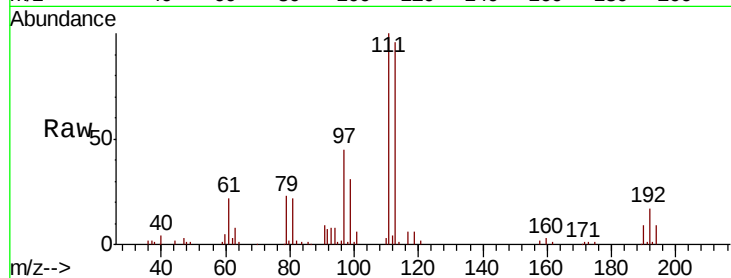
Tot Ion:113 Resp: 101644

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

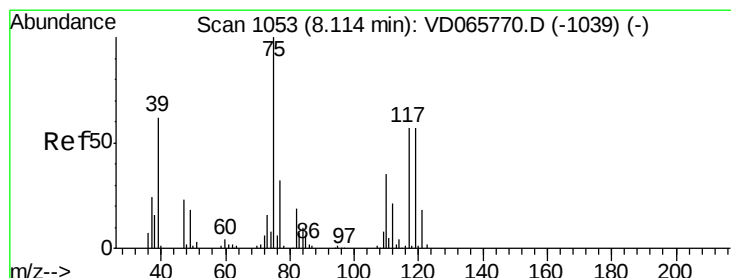
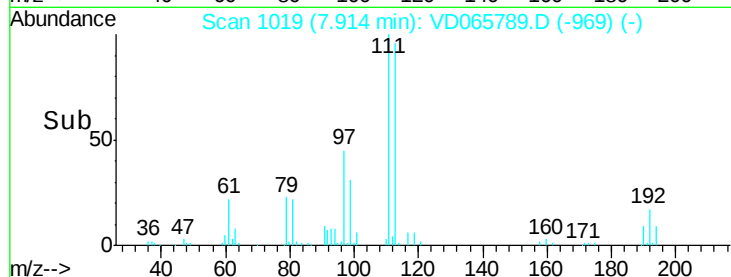
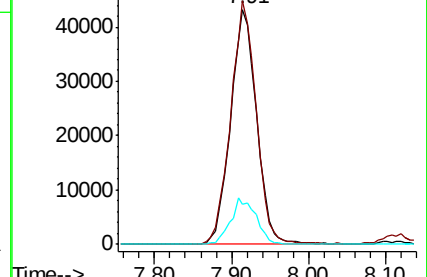
192 19.2 15.7 23.5



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: 20.228 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

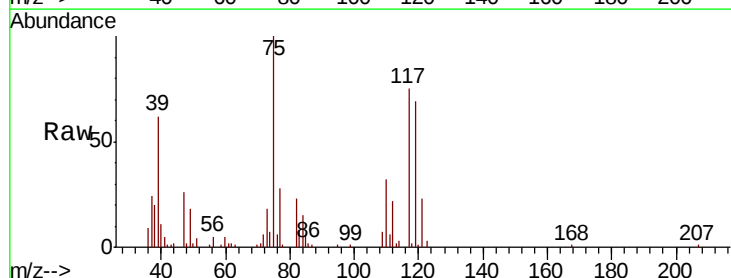
Tgt Ion: 75 Resp: 59447

Ion Ratio Lower Upper

75 100

110 34.3 17.6 52.8

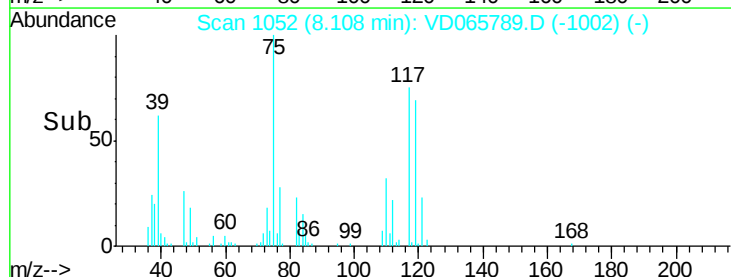
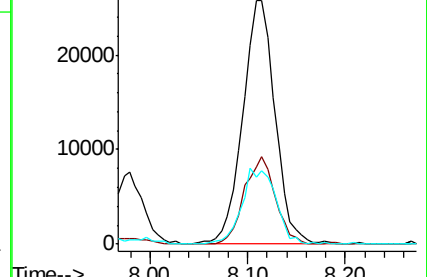
77 32.5 25.1 37.7

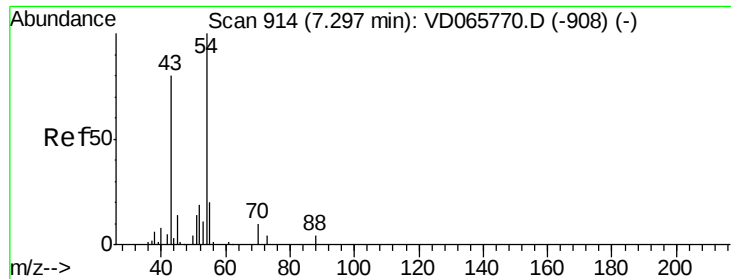


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

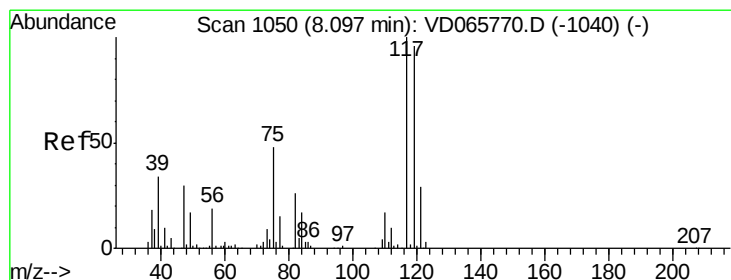
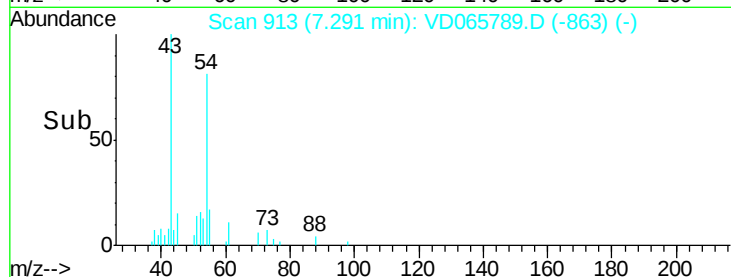
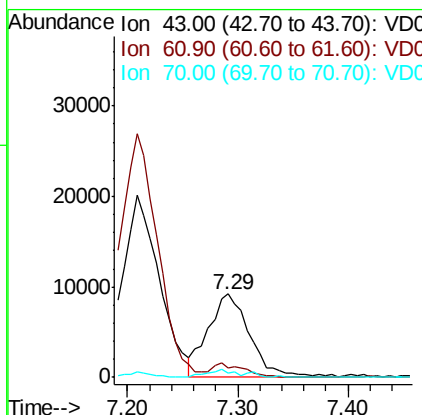
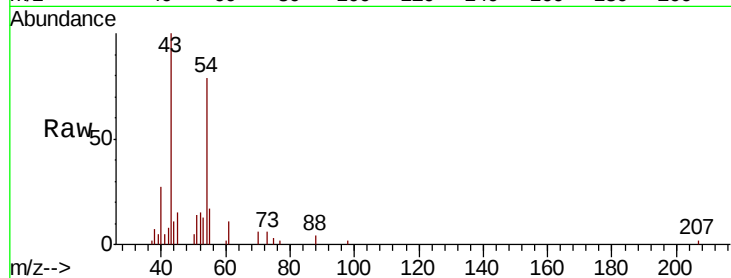




#37
Ethyl Acetate
Concen: 20.939 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

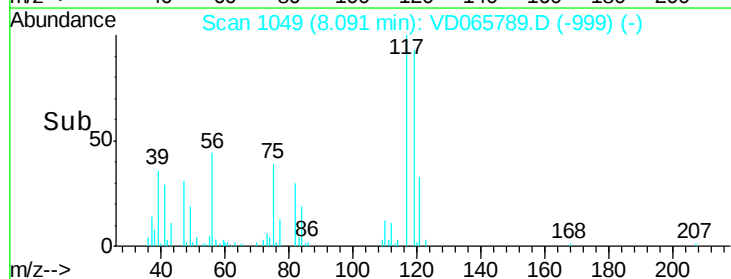
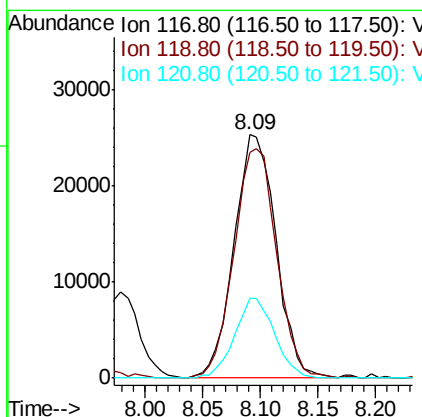
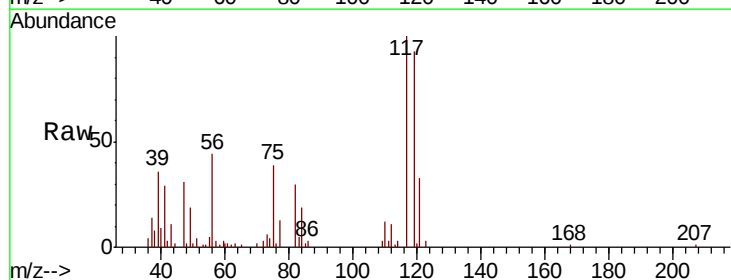
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

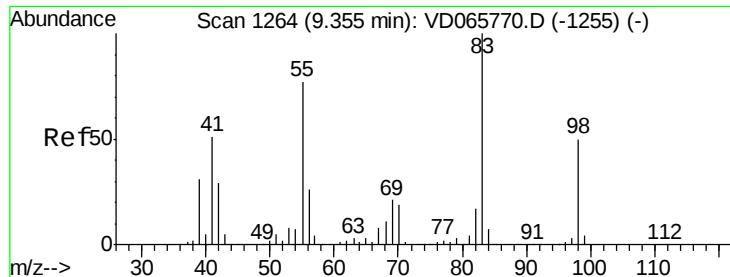
Tot Ion: 43 Resp: 24238
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 5.8 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 20.732 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 117 Resp: 64121
Ion Ratio Lower Upper
117 100
119 92.9 76.8 115.2
121 32.6 23.4 35.2

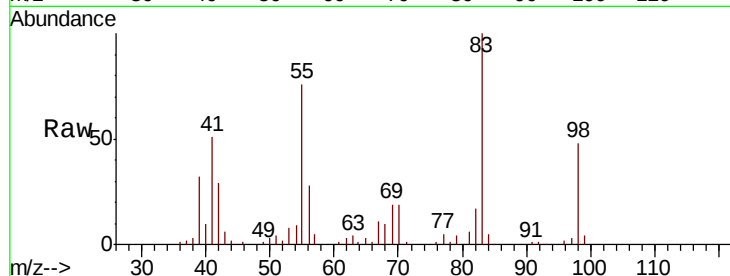




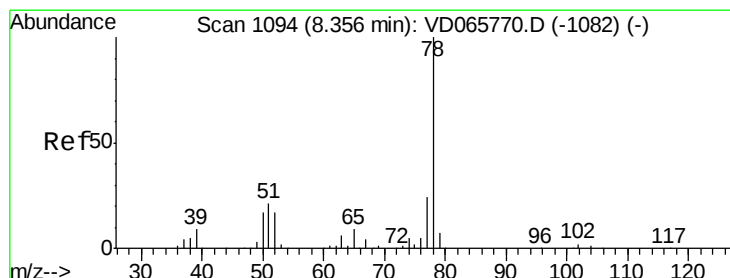
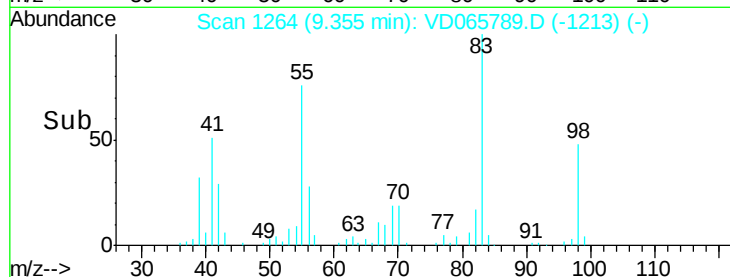
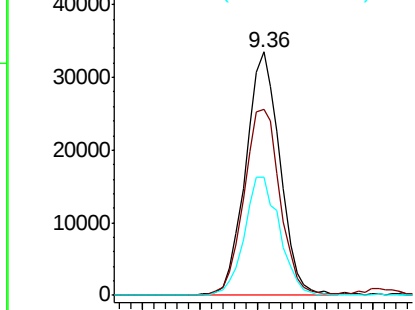
#39
Methvlcvclohexane
Concen: 19.895 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

Tot Ion: 83 Resp: 69223
Ion Ratio Lower Upper
83 100
55 76.2 61.6 92.4
98 48.4 40.2 60.2

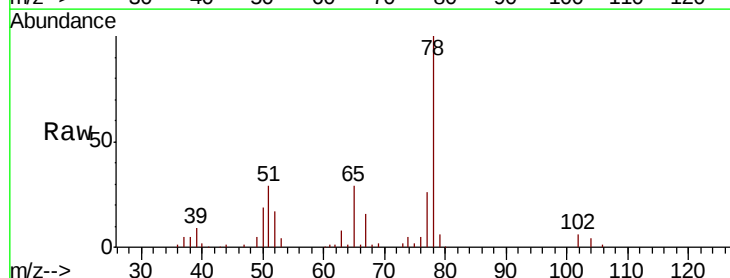


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

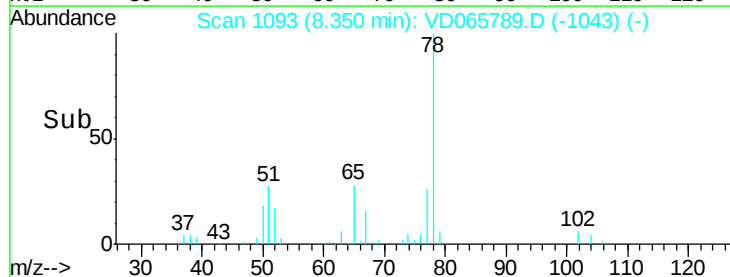
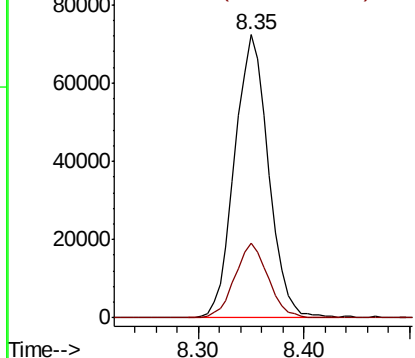


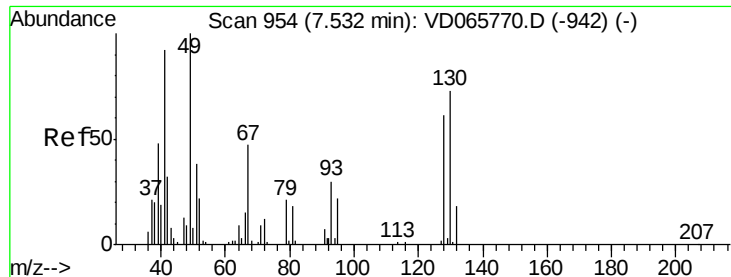
#40
Benzene
Concen: 19.992 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 78 Resp: 160623
Ion Ratio Lower Upper
78 100
77 26.2 19.2 28.8



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

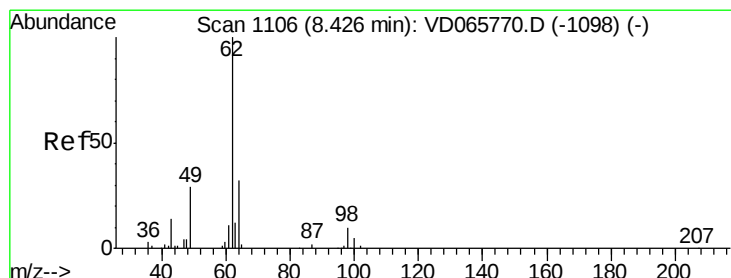
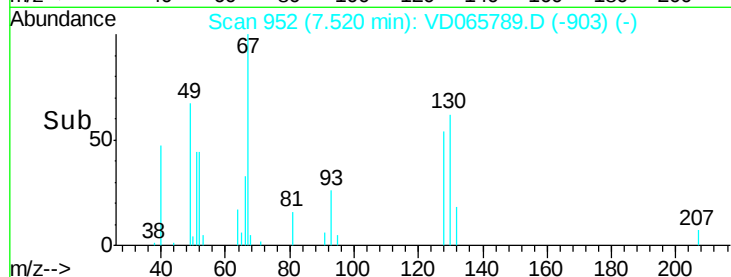
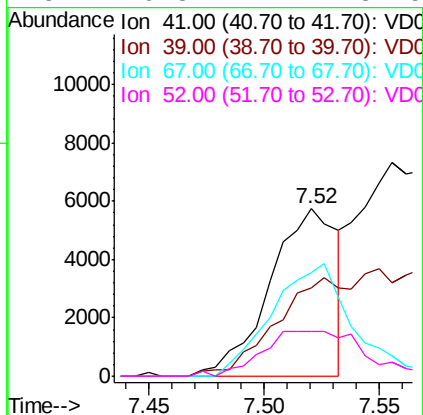
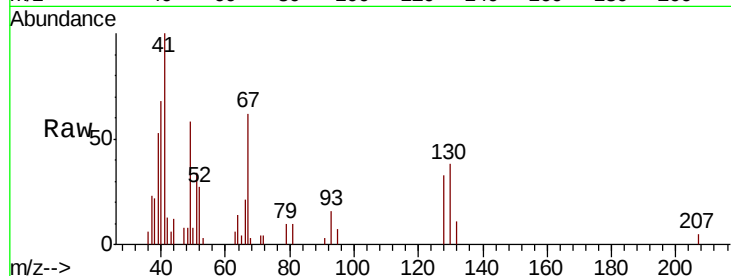




#41
Methacrylonitrile
Concen: 16.953 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

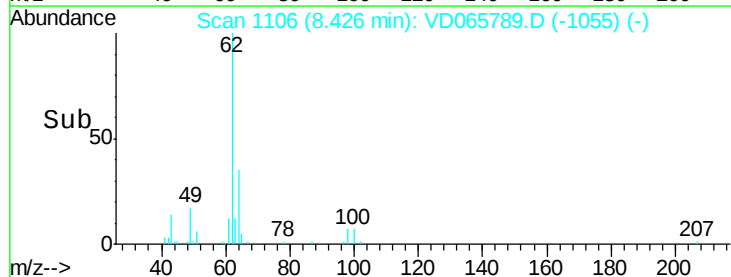
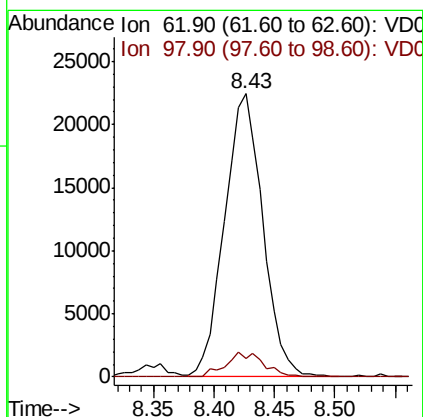
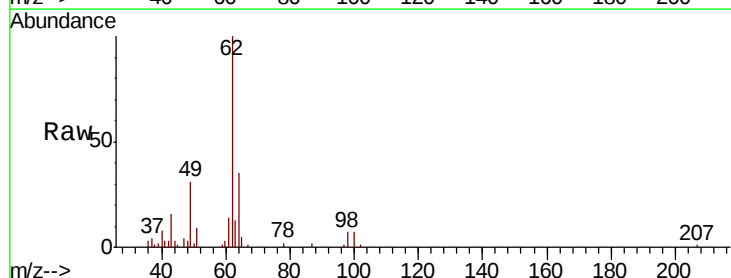
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

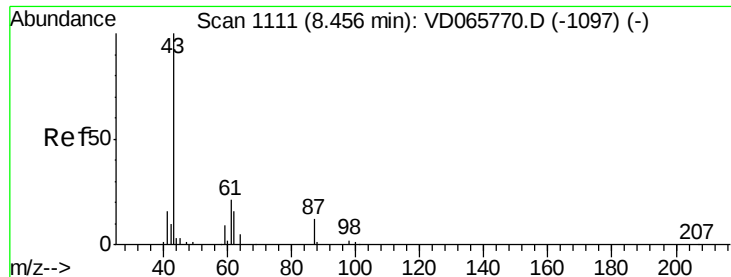
Tot Ion: 41 Resp: 11685
Ion Ratio Lower Upper
41 100
39 65.0 38.3 57.5#
67 80.1 49.8 74.6#
52 40.3 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 20.439 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 62 Resp: 49547
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.005 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

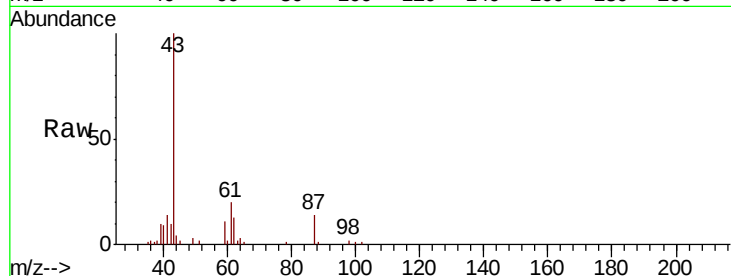
Tot Ion: 43 Resp: 43746

Ion Ratio Lower Upper

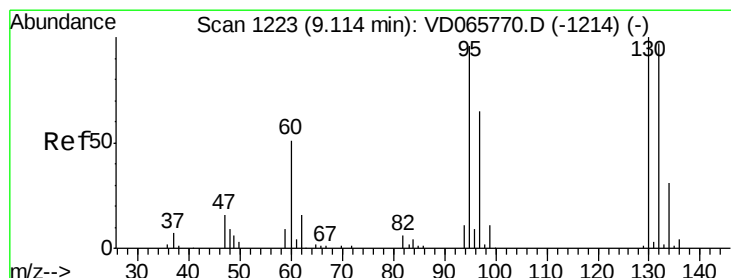
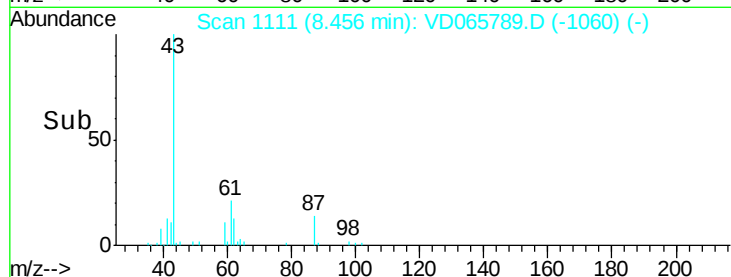
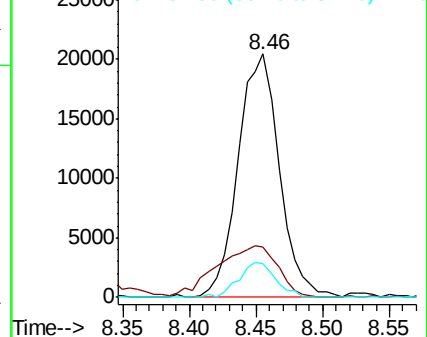
43 100

61 31.6 24.2 36.4

87 12.8 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: 19.861 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD065789.D

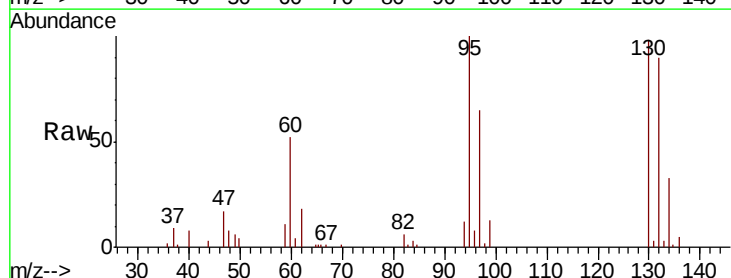
Acq: 12 Jun 2020 11:57

Tgt Ion: 130 Resp: 44406

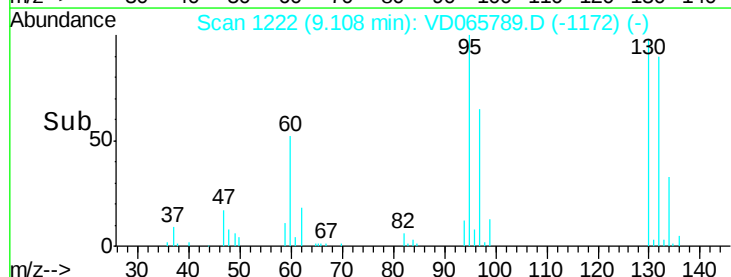
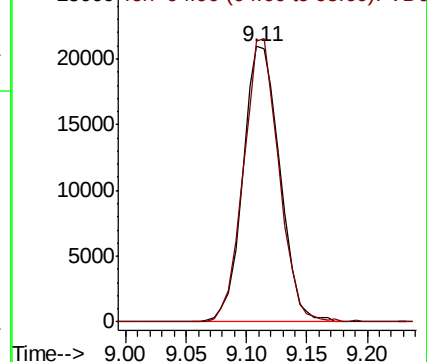
Ion Ratio Lower Upper

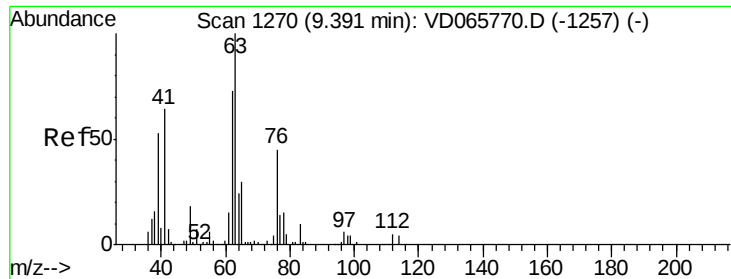
130 100

95 102.1 0.0 192.8



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

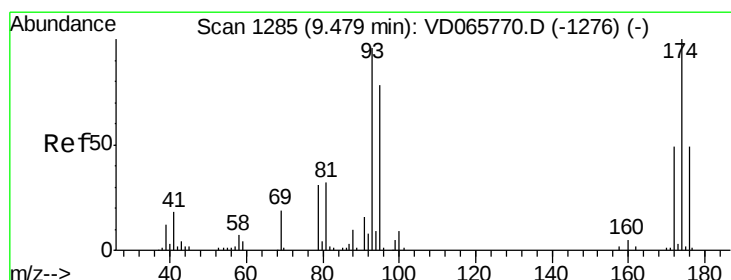
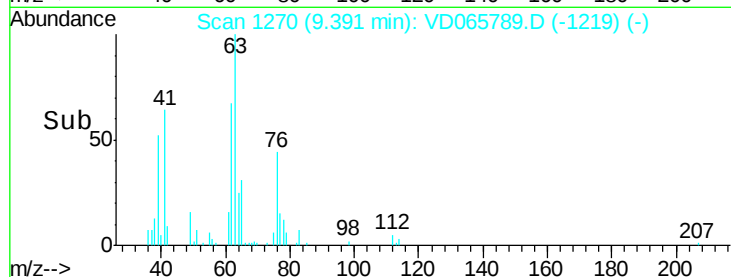
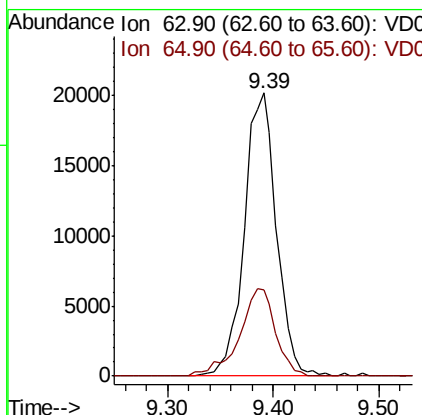
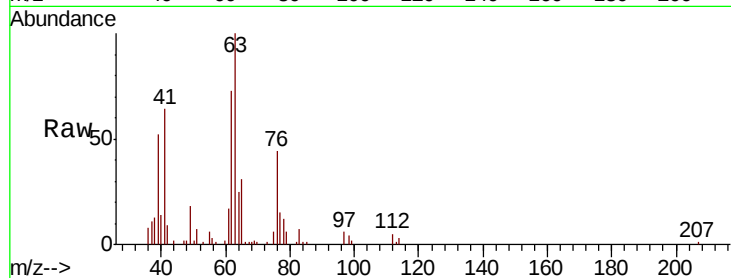




#45
 1,2-Dichloropropane
 Concen: 21.177 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

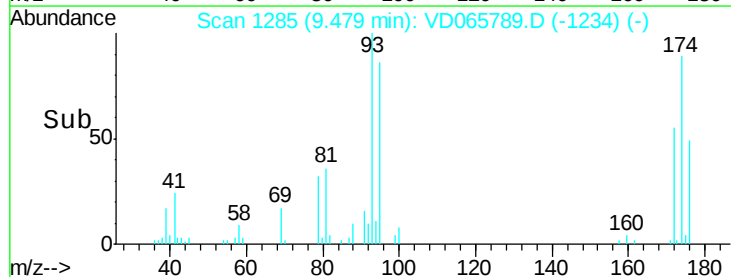
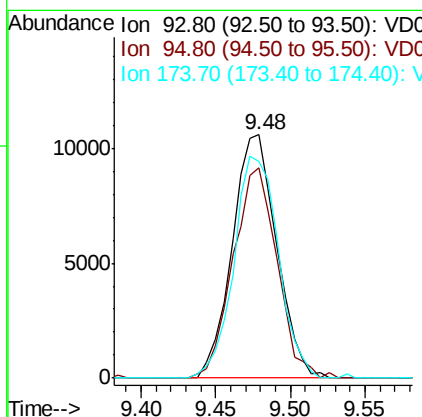
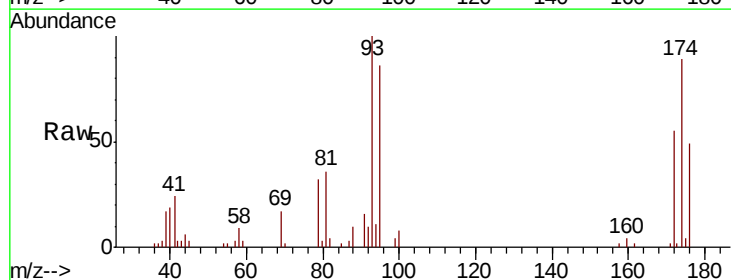
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

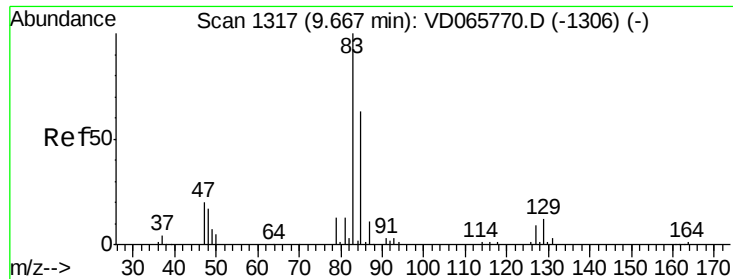
Tot Ion: 63 Resp: 42750
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.2 36.2



#46
 Dibromomethane
 Concen: 20.009 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 93 Resp: 21907
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.8 98.6
 174 91.3 80.9 121.3





#47

Bromodichloromethane

Concen: 20.091 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

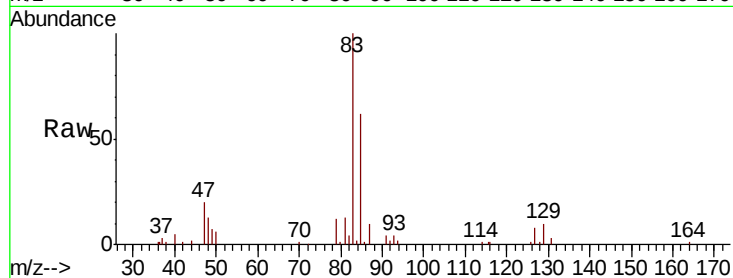
Tot Ion: 83 Resp: 58943

Ion Ratio Lower Upper

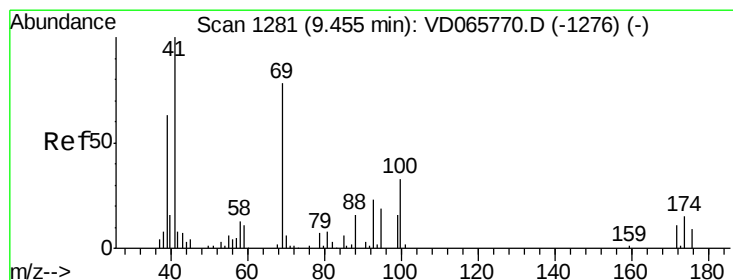
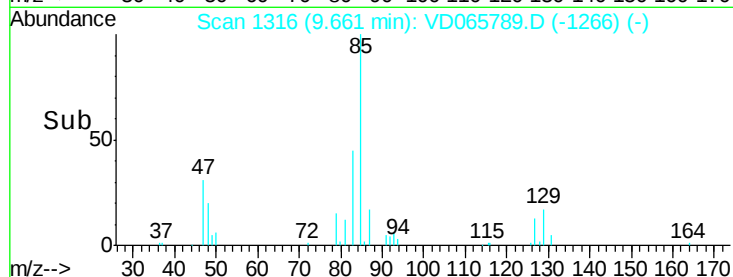
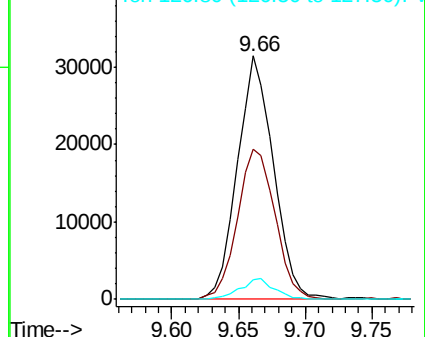
83 100

85 61.8 50.7 76.1

127 7.9 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: 18.017 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

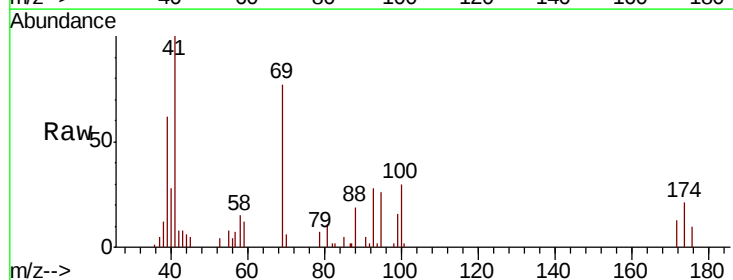
Tgt Ion: 41 Resp: 20075

Ion Ratio Lower Upper

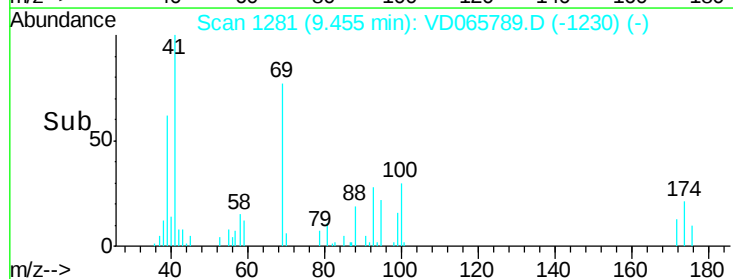
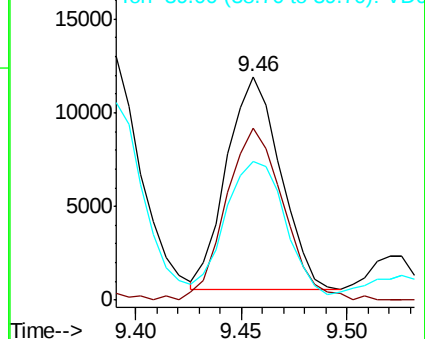
41 100

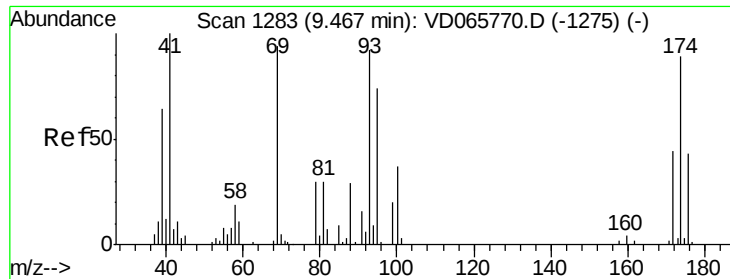
69 87.1 60.9 91.3

39 68.2 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

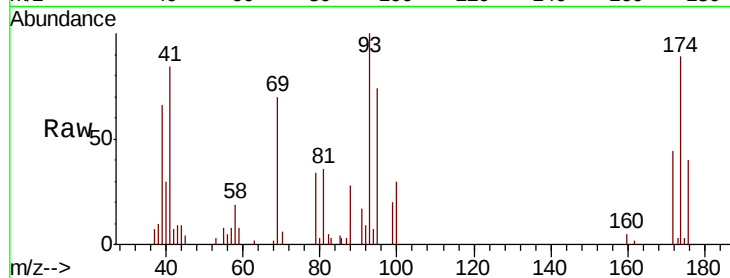




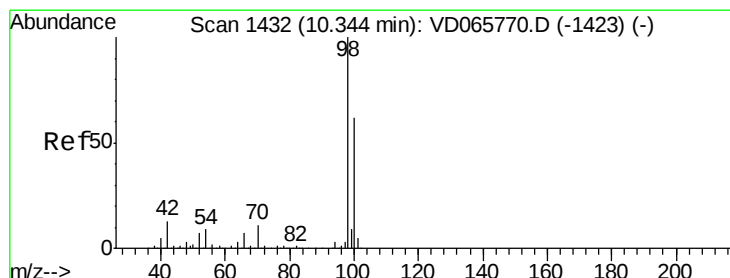
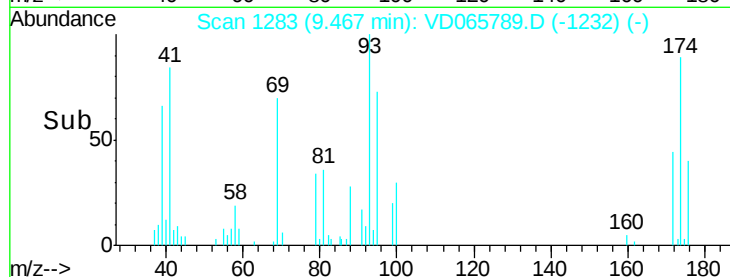
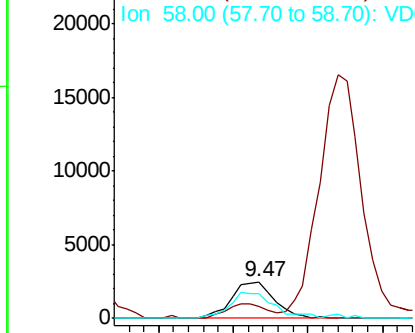
#49
1,4-Dioxane
Concen: 422.796 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

Tot Ion: 88 Resp: 4927
Ion Ratio Lower Upper
88 100
43 37.7 32.2 48.4
58 73.9 54.9 82.3

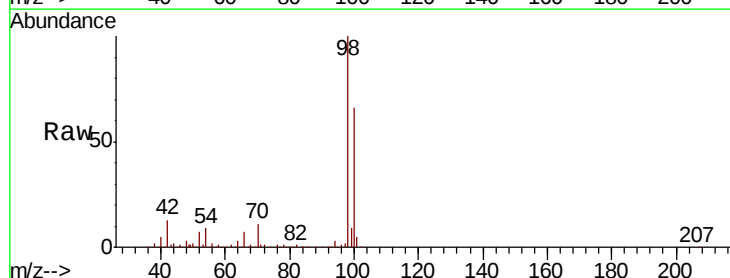


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

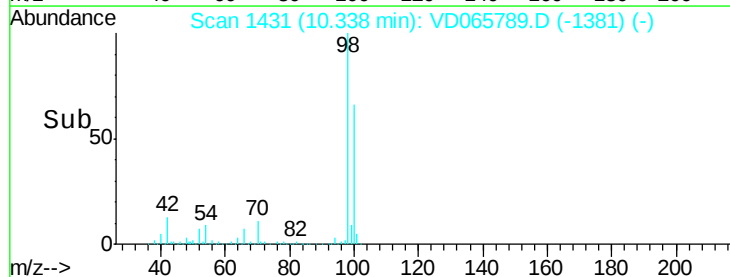
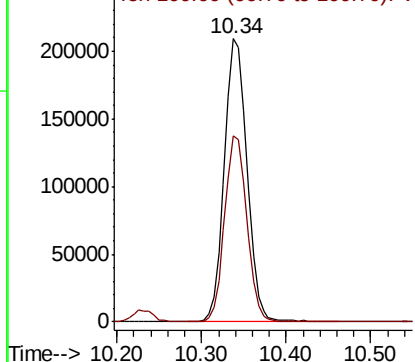


#50
Toluene-d8
Concen: 53.637 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 98 Resp: 387586
Ion Ratio Lower Upper
98 100
100 64.5 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: 96.522 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

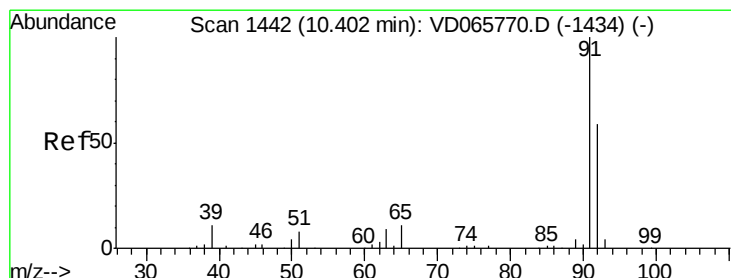
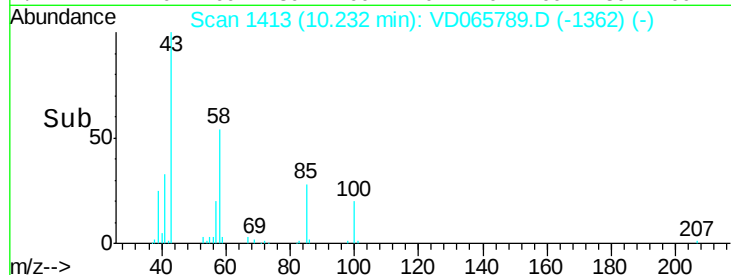
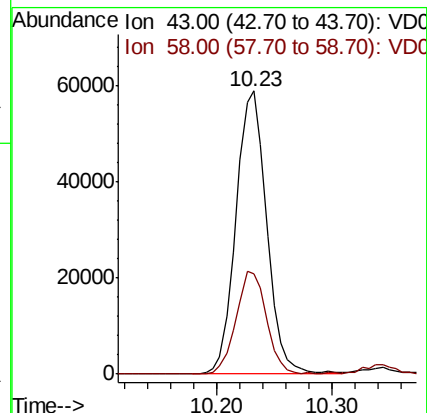
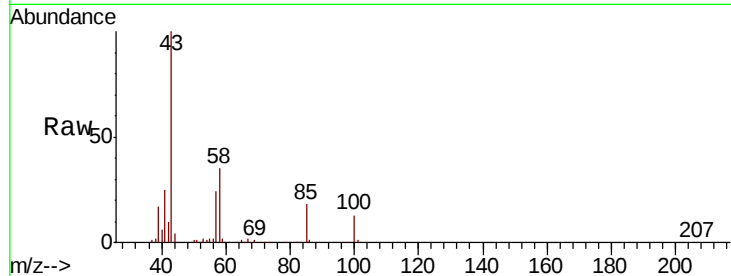
VD0612SBS01

Tot Ion: 43 Resp: 108870

Ion Ratio Lower Upper

43 100

58 36.0 30.7 46.1



#52

Toluene

Concen: 20.836 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065789.D

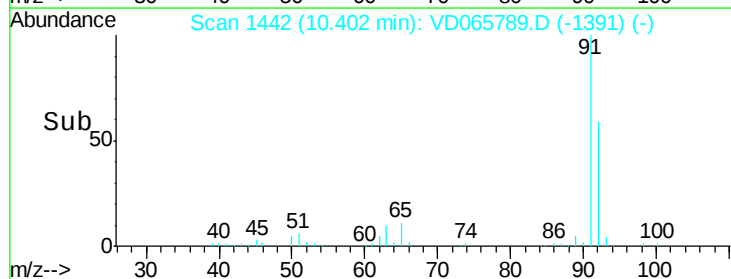
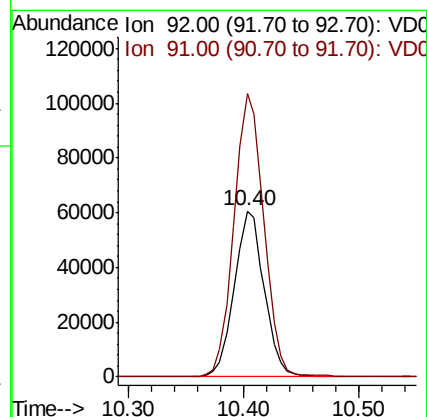
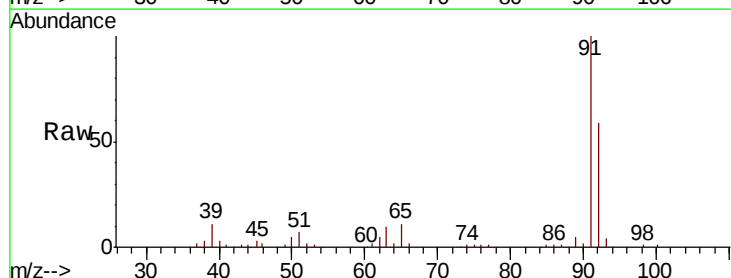
Acq: 12 Jun 2020 11:57

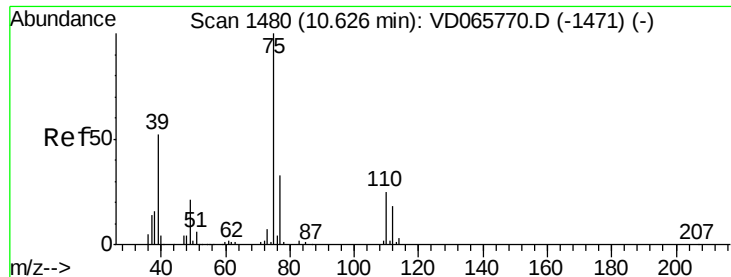
Tgt Ion: 92 Resp: 108773

Ion Ratio Lower Upper

92 100

91 170.2 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 19.605 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

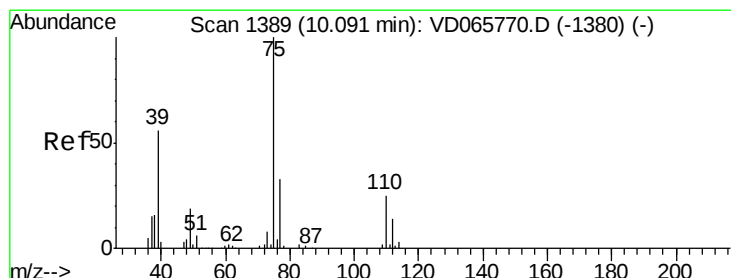
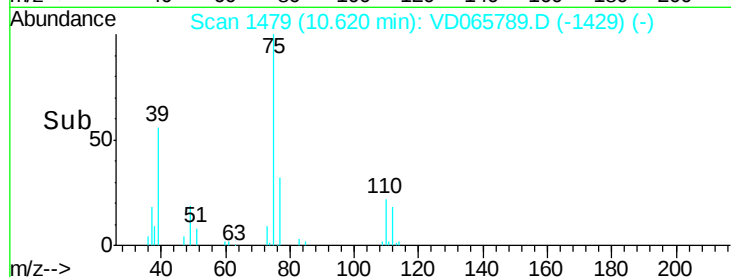
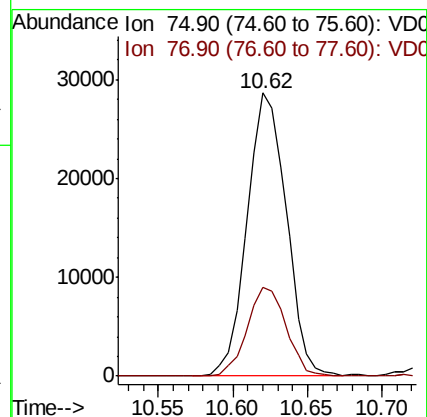
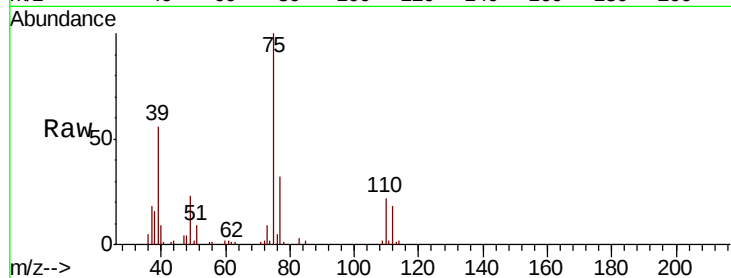
VD0612SBS01

Tot Ion: 75 Resp: 52086

Ion Ratio Lower Upper

75 100

77 31.5 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.077 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

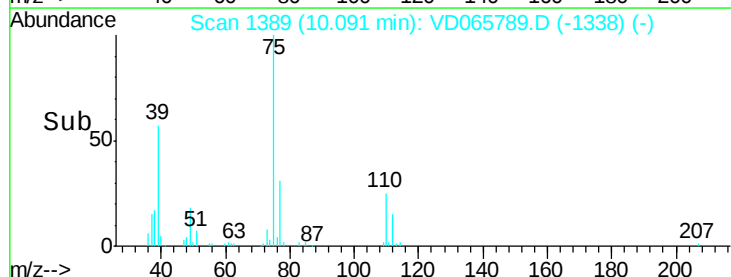
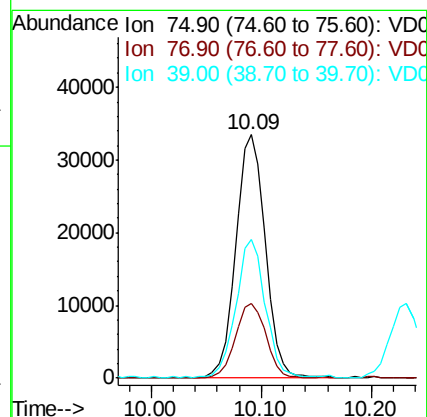
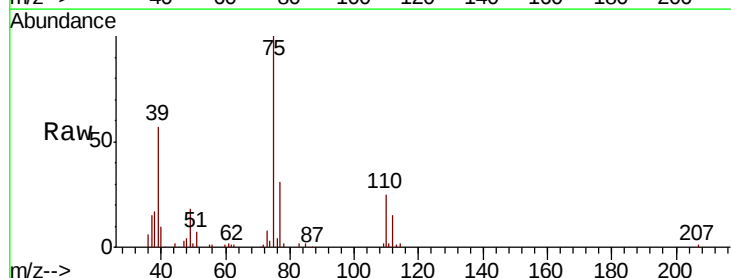
Tgt Ion: 75 Resp: 62994

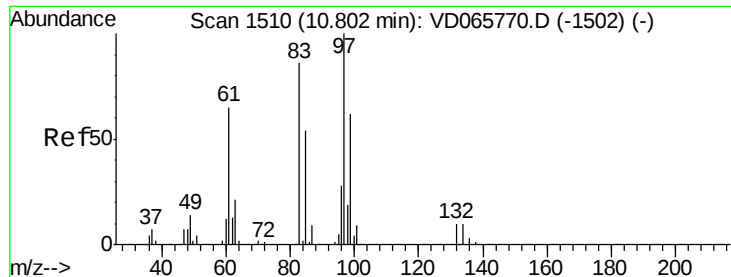
Ion Ratio Lower Upper

75 100

77 30.8 26.0 39.0

39 56.9 45.0 67.6

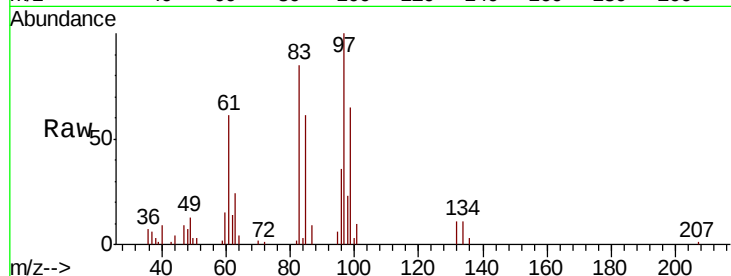




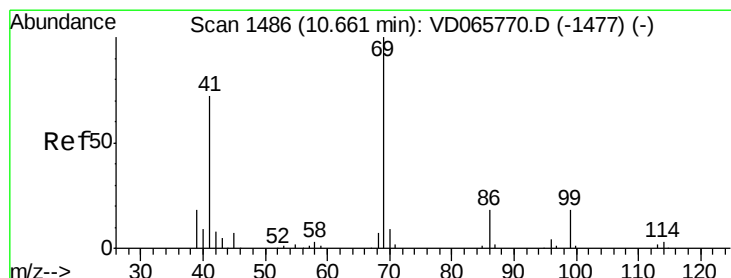
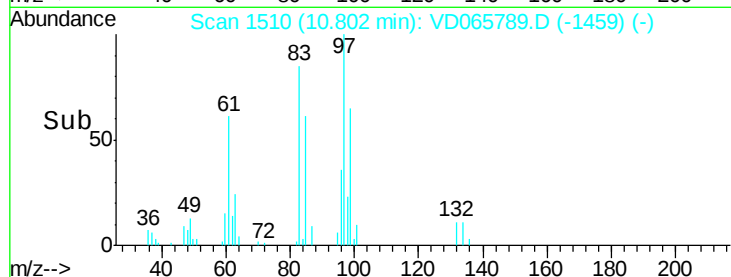
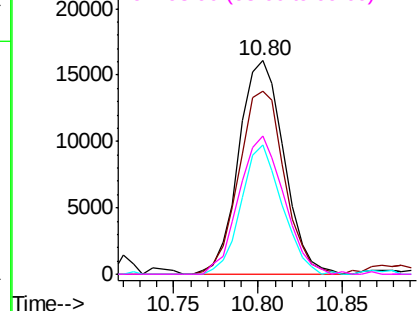
#55
 1,1,2-Trichloroethane
 Concen: 20.433 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Tot Ion: 97 Resp: 29891
 Ion Ratio Lower Upper
 97 100
 83 85.4 68.7 103.1
 85 60.6 43.0 64.6
 99 64.6 49.8 74.6

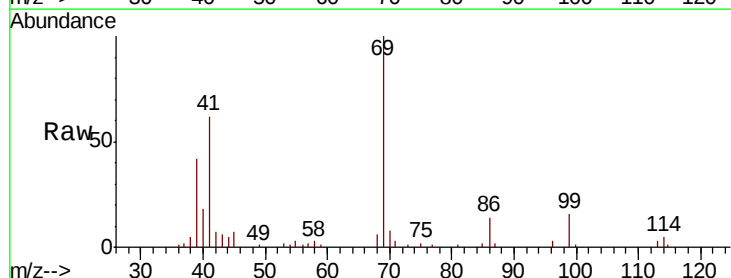


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

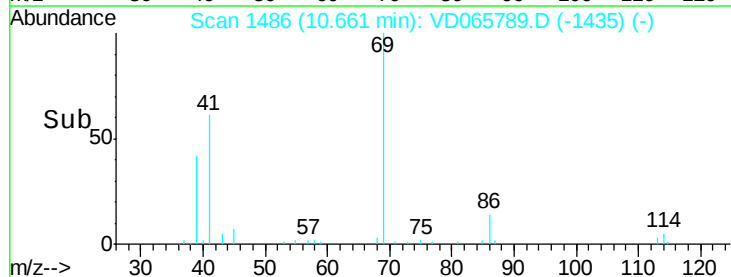
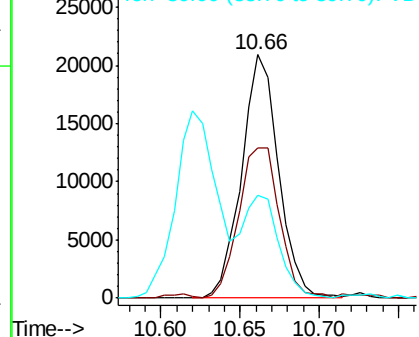


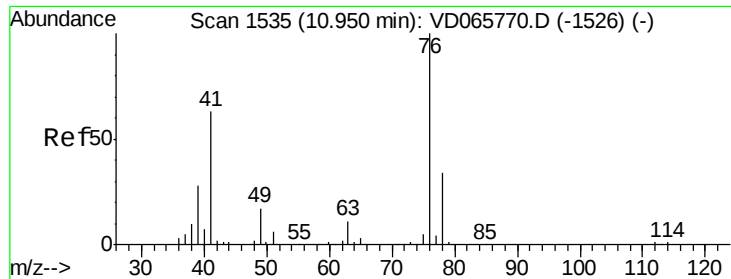
#56
 Ethyl methacrylate
 Concen: 19.707 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 69 Resp: 33910
 Ion Ratio Lower Upper
 69 100
 41 68.5 56.9 85.3
 39 42.6 36.0 54.0



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

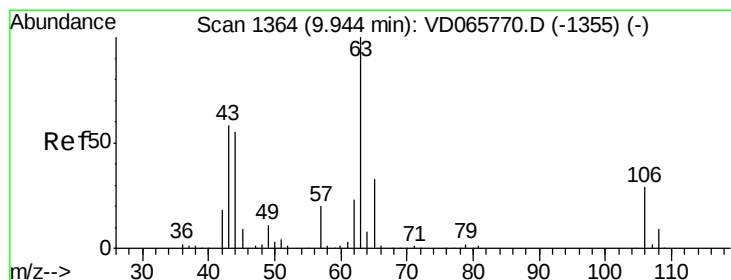
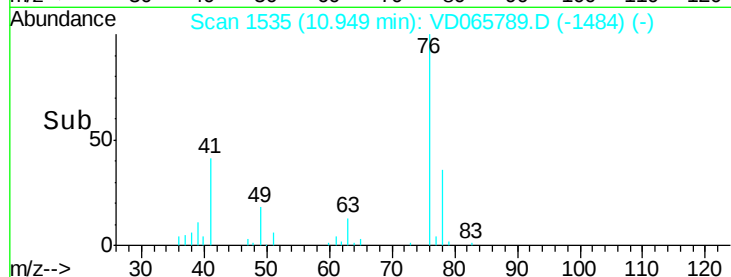
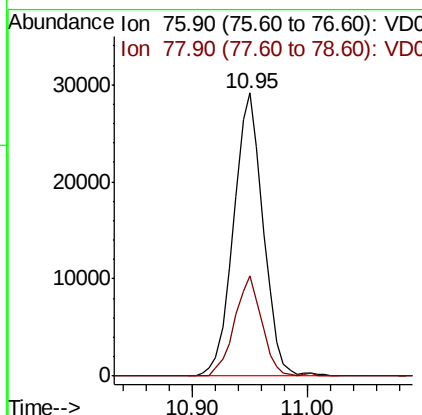
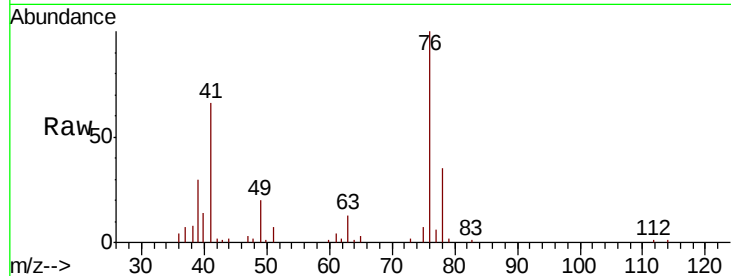




#57
 1,3-Dichloropropane
 Concen: 20.465 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

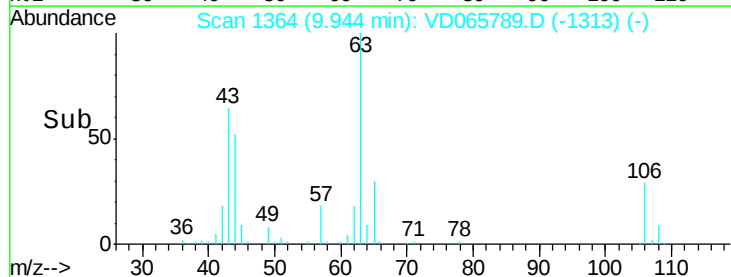
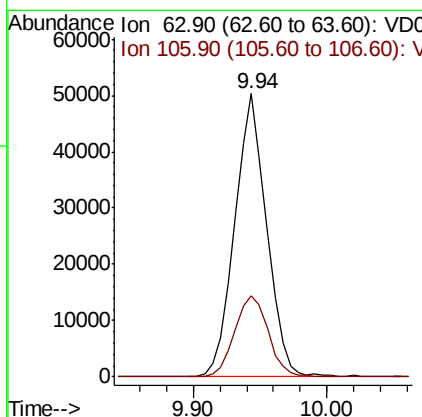
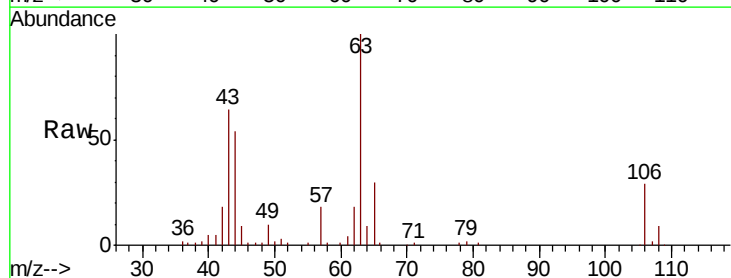
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

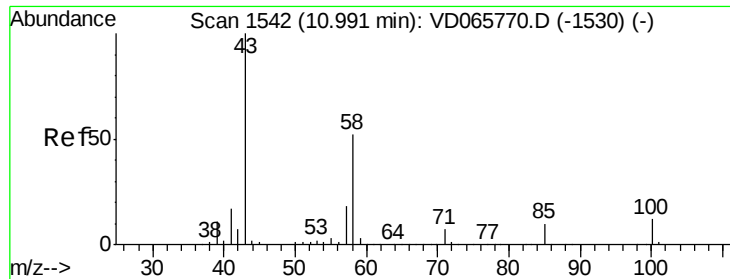
Tot Ion: 76 Resp: 51867
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.029 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 63 Resp: 83220
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.2 34.8

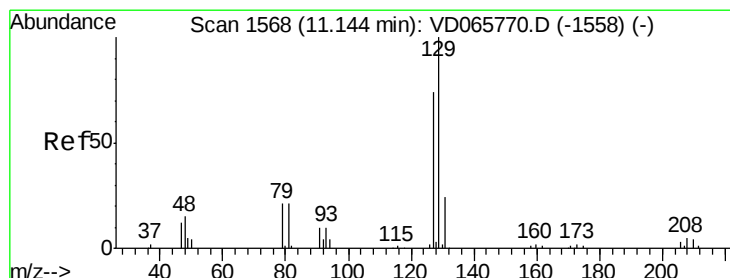
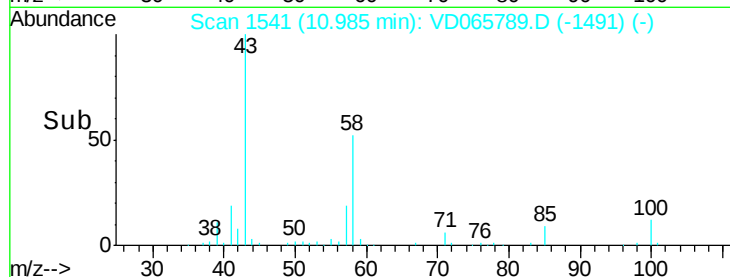
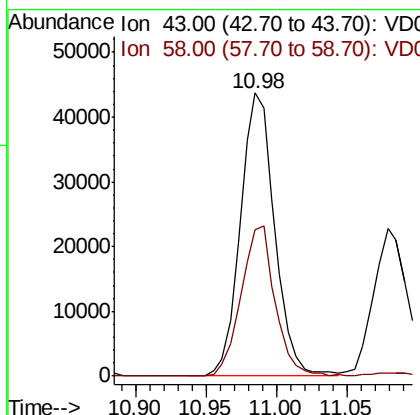
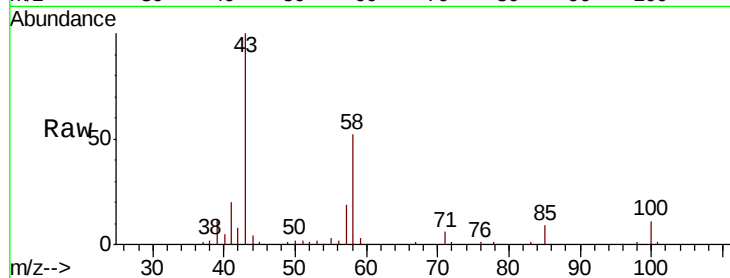




#59
2-Hexanone
Concen: 97.852 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

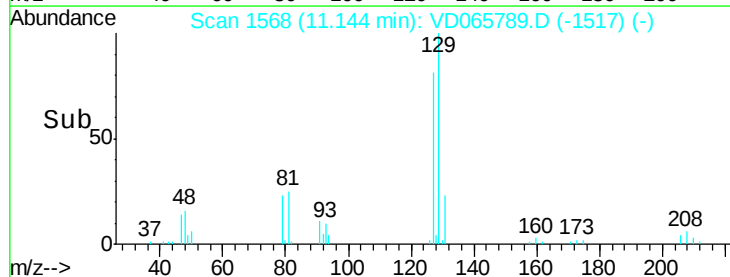
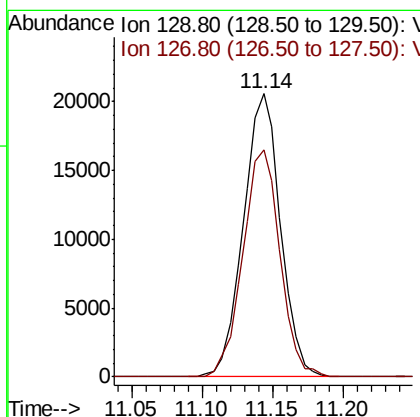
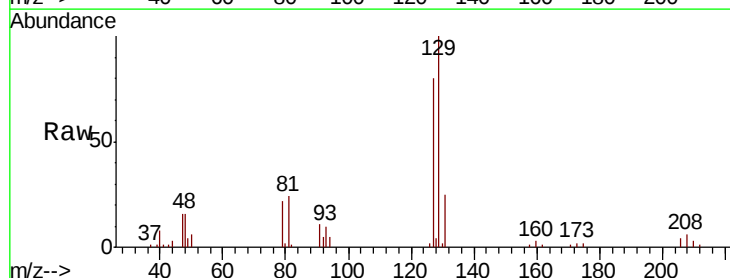
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

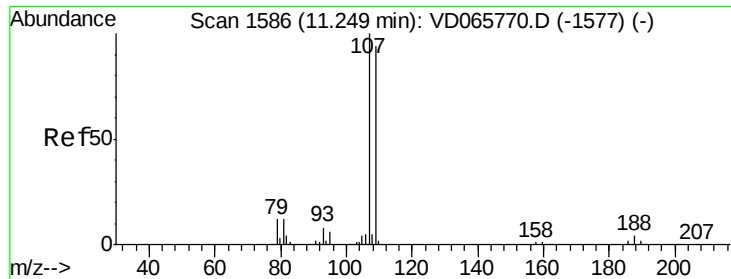
Tot Ion: 43 Resp: 74410
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.0



#60
Dibromochloromethane
Concen: 19.185 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:129 Resp: 37914
Ion Ratio Lower Upper
129 100
127 80.4 38.0 113.9

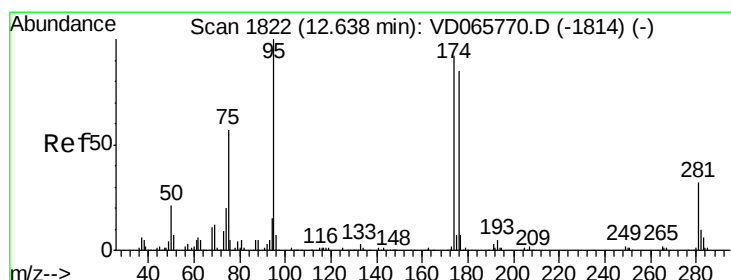
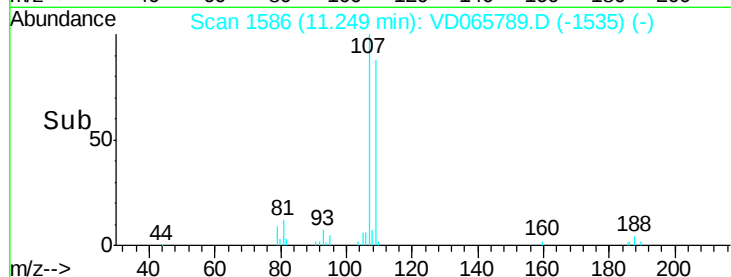
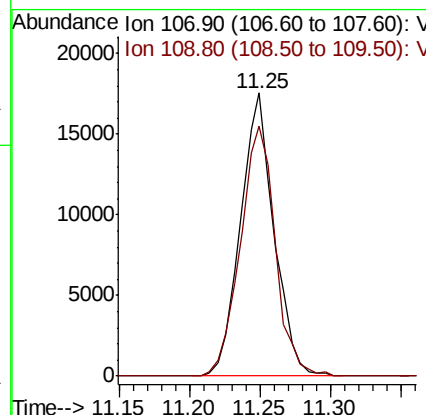
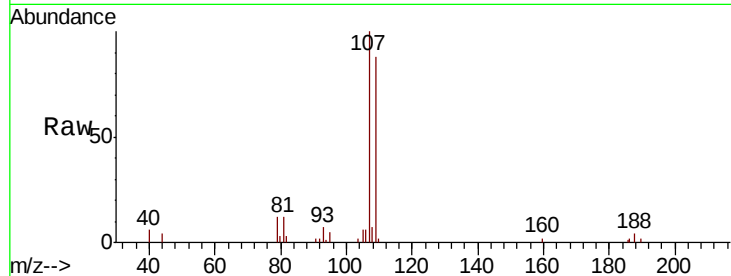




#61
 1,2-Dibromoethane
 Concen: 20.244 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

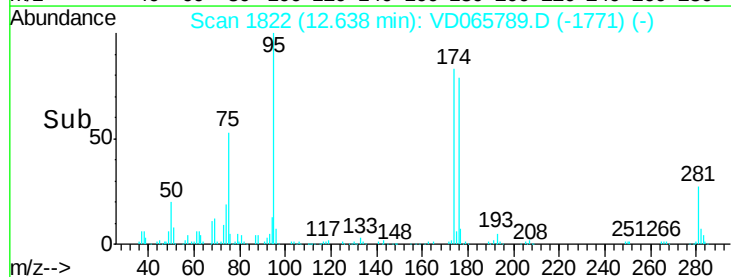
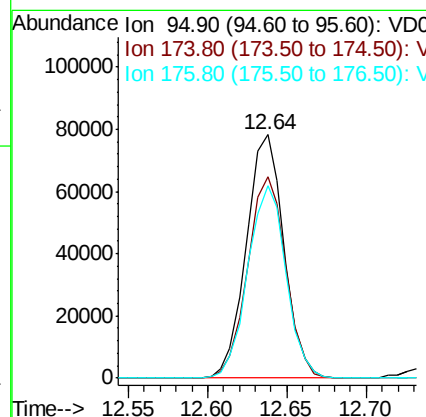
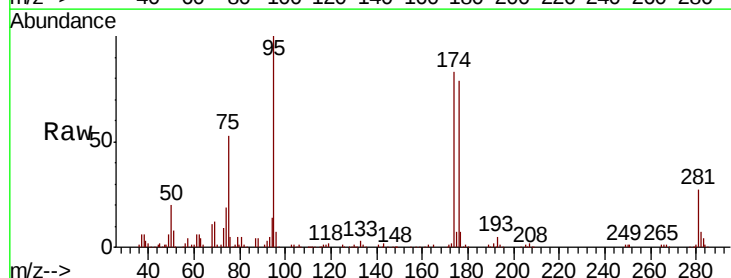
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

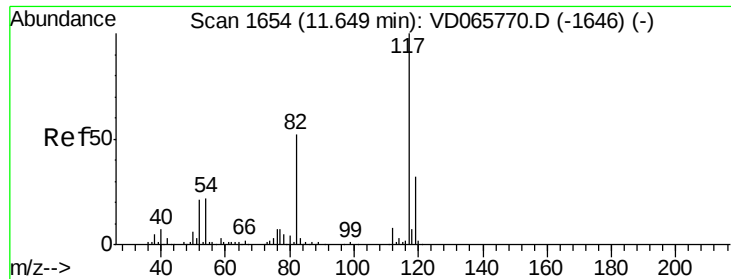
Tot Ion:107 Resp: 29104
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 52.624 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion: 95 Resp: 128961
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 175.2
 176 80.2 0.0 163.0

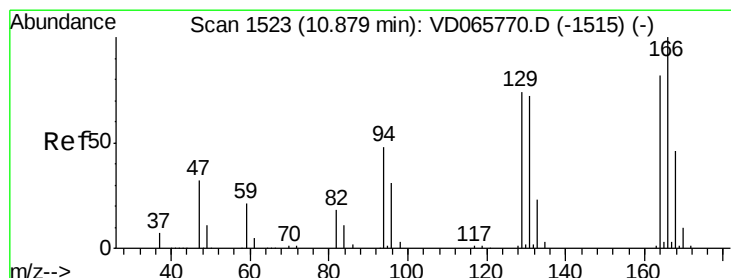
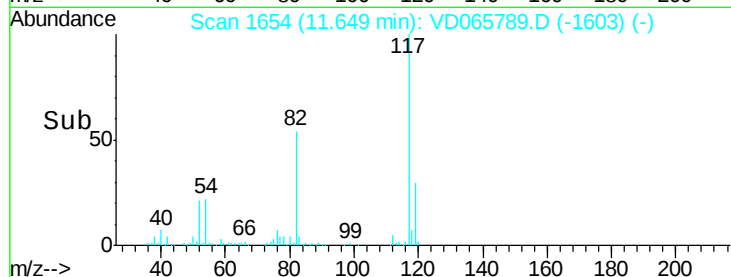
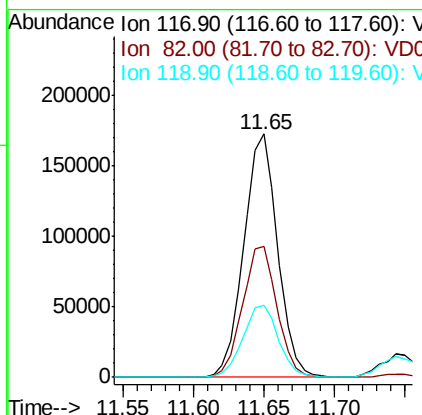
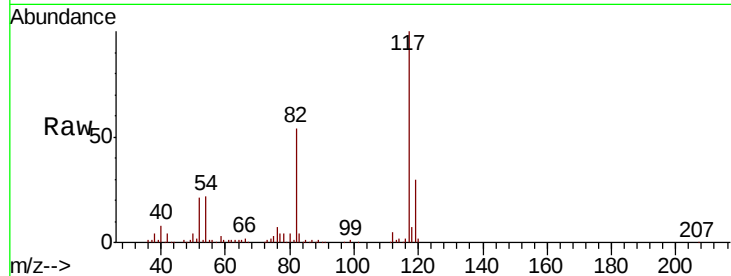




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

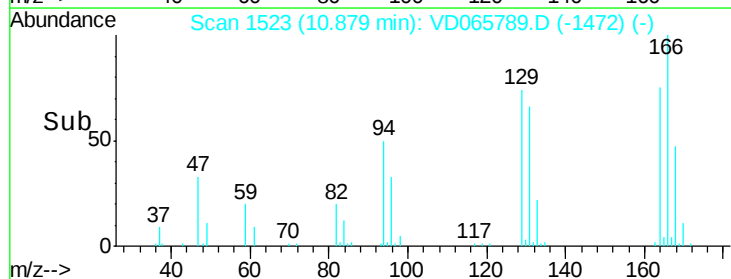
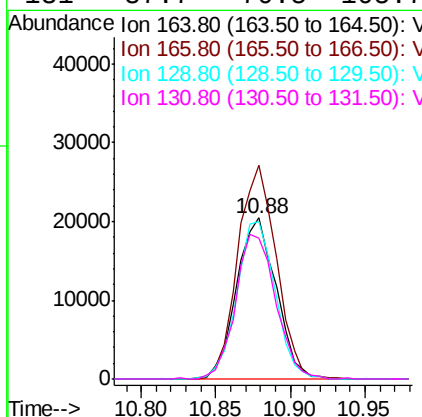
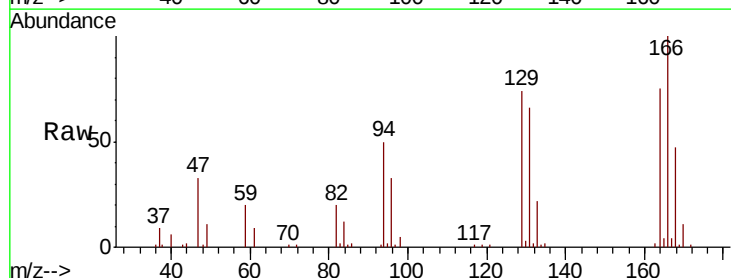
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

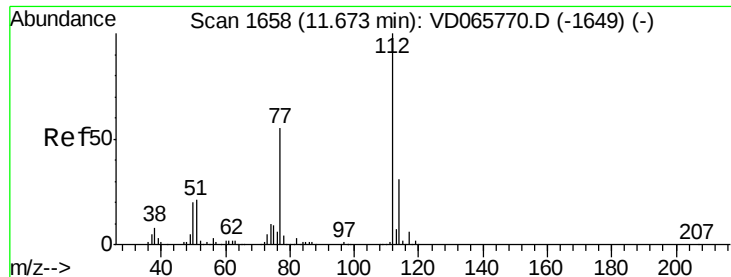
Tot Ion:117 Resp: 290498
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 29.6 25.3 37.9



#64
Tetrachloroethene
Concen: 19.157 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:164 Resp: 37632
Ion Ratio Lower Upper
164 100
166 132.6 98.2 147.2
129 97.6 72.3 108.5
131 87.7 70.5 105.7





#65

Chlorobenzene

Concen: 20.204 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

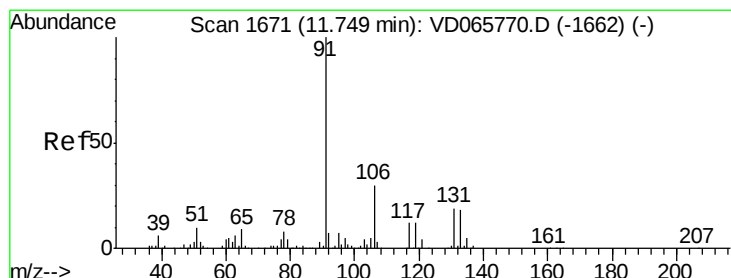
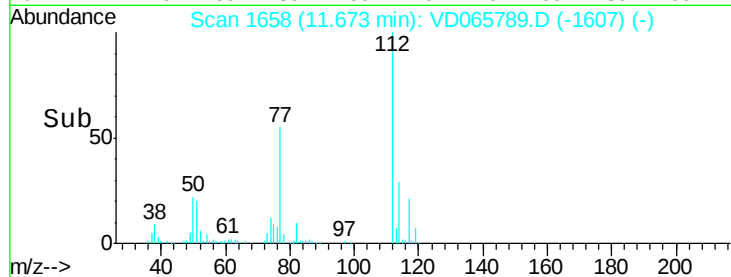
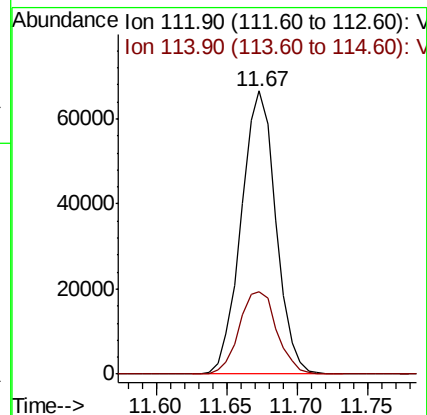
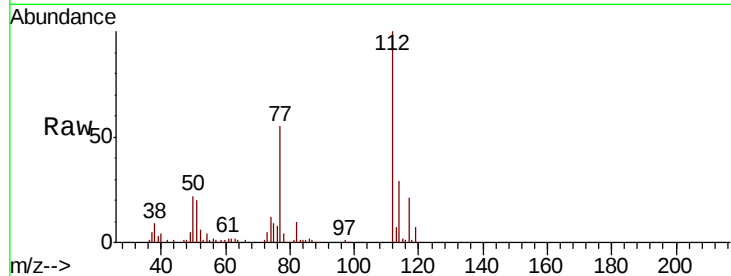
VD0612SBS01

Tot Ion:112 Resp: 114583

Ion Ratio Lower Upper

112 100

114 29.3 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.826 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

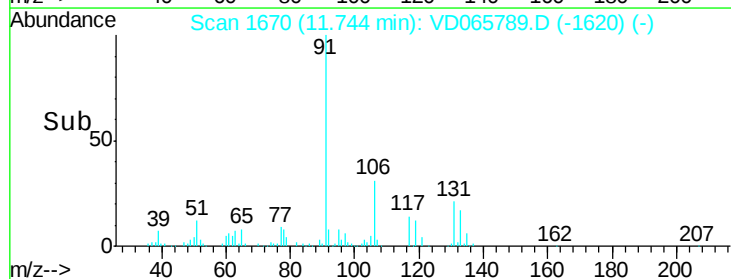
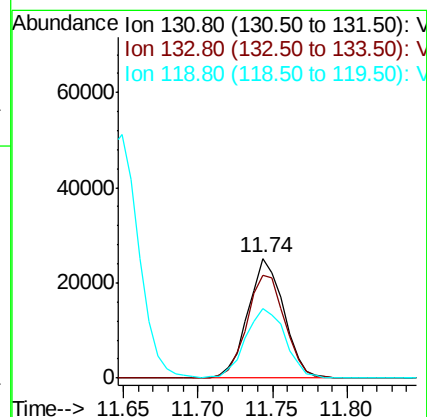
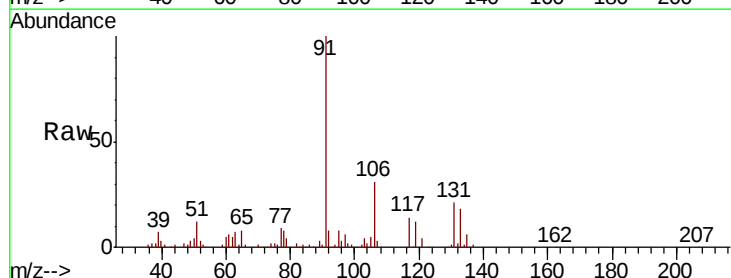
Tgt Ion:131 Resp: 41912

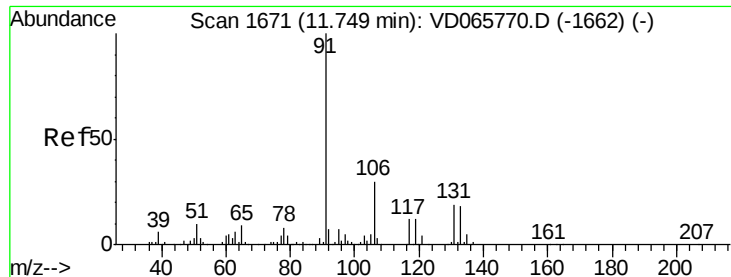
Ion Ratio Lower Upper

131 100

133 90.9 47.3 141.9

119 64.5 31.6 94.8





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

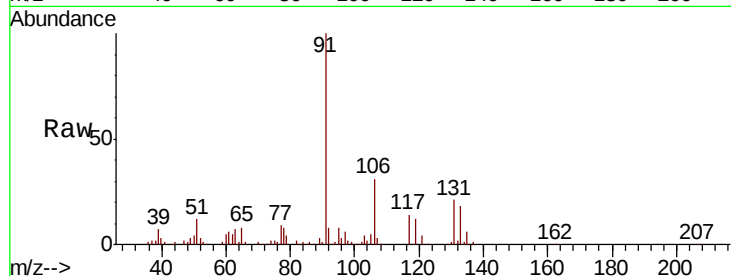
VD0612SBS01

Tot Ion: 91 Resp: 203057

Ion Ratio Lower Upper

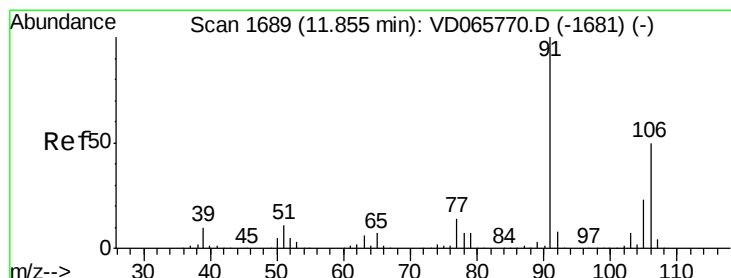
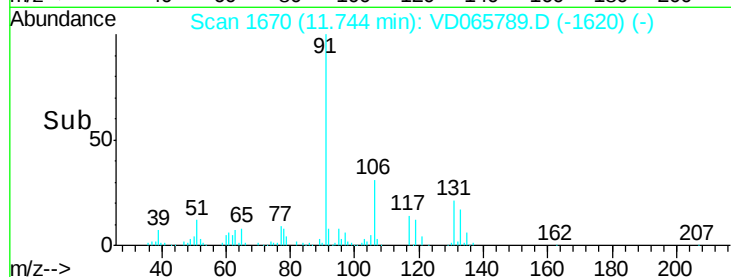
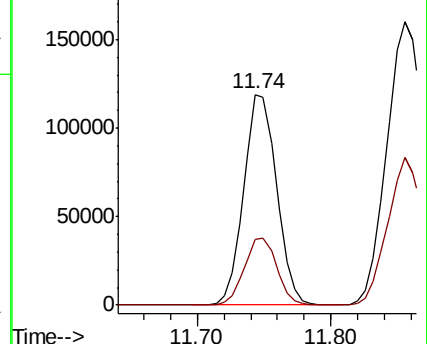
91 100

106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 39.926 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065789.D

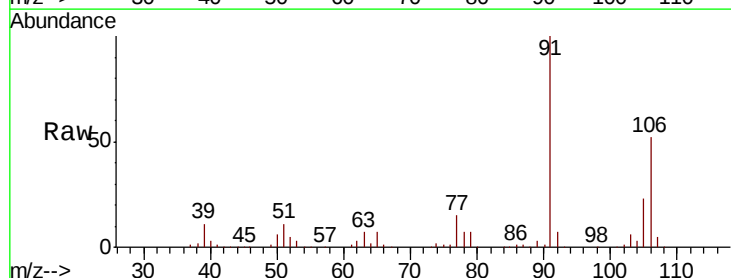
Acq: 12 Jun 2020 11:57

Tgt Ion: 106 Resp: 155807

Ion Ratio Lower Upper

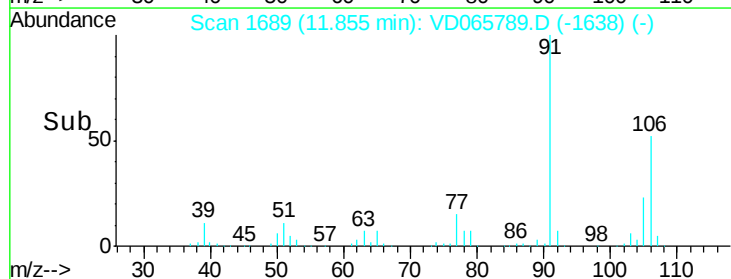
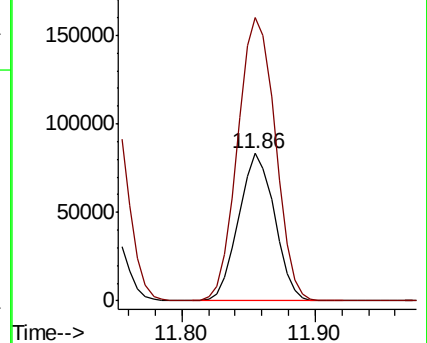
106 100

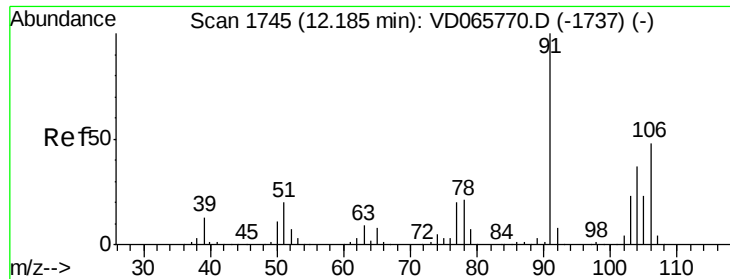
91 201.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

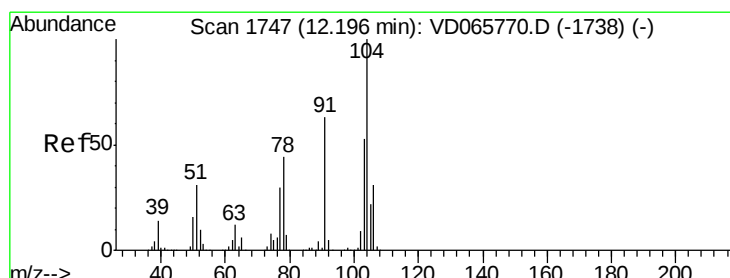
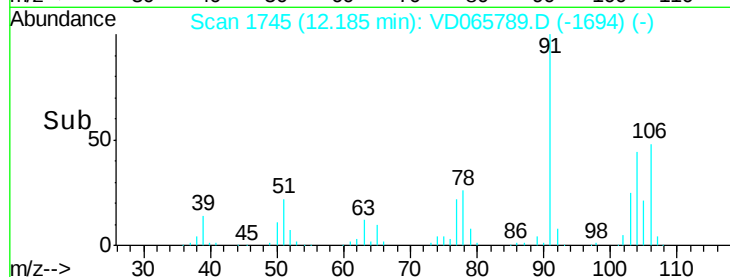
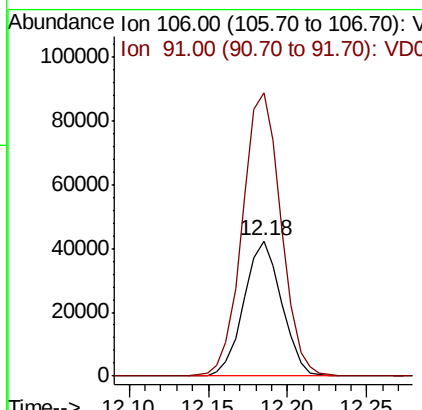
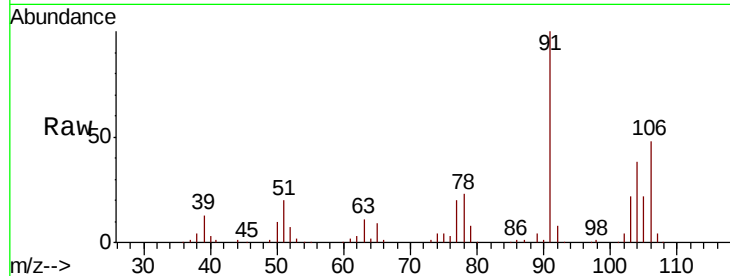




#69
o-Xylene
Concen: 19.847 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

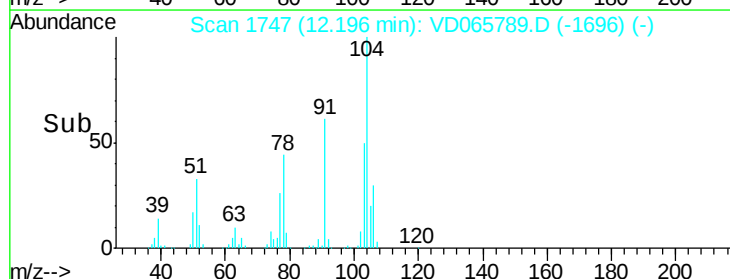
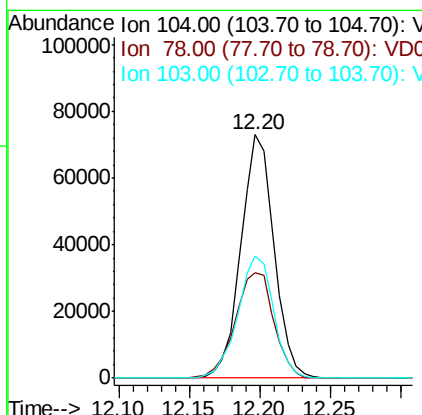
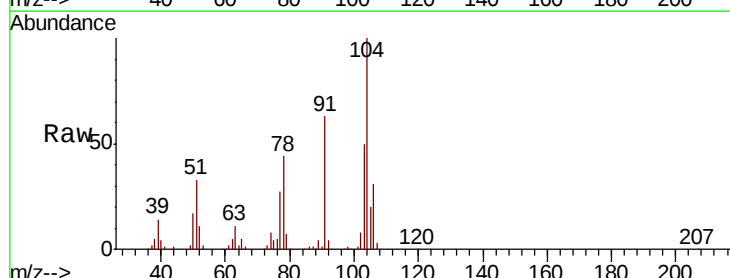
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

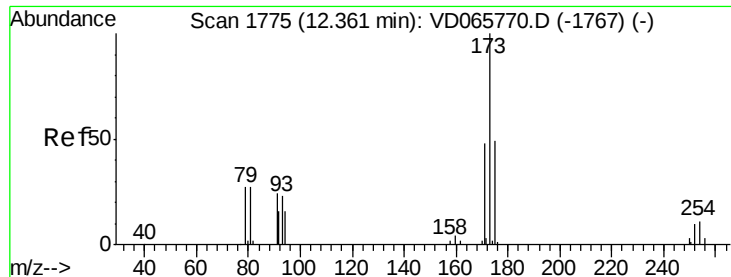
Tot Ion:106 Resp: 69832
Ion Ratio Lower Upper
106 100
91 214.9 105.3 315.8



#70
Styrene
Concen: 19.658 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:104 Resp: 119738
Ion Ratio Lower Upper
104 100
78 50.5 38.6 58.0
103 54.4 43.9 65.9

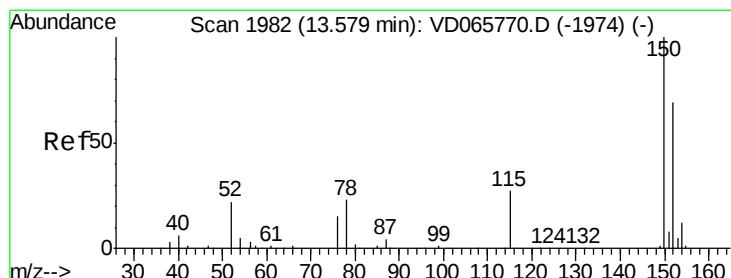
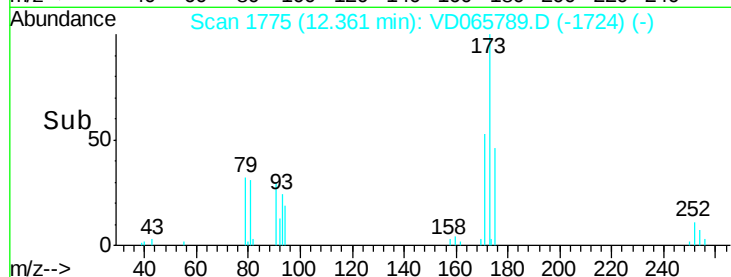
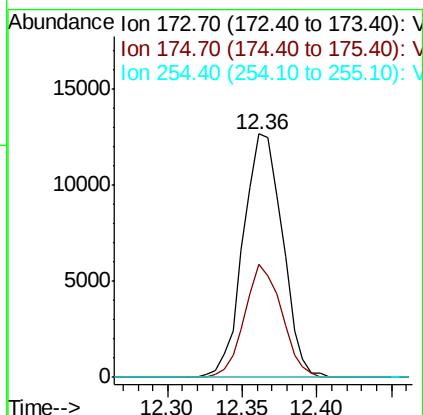
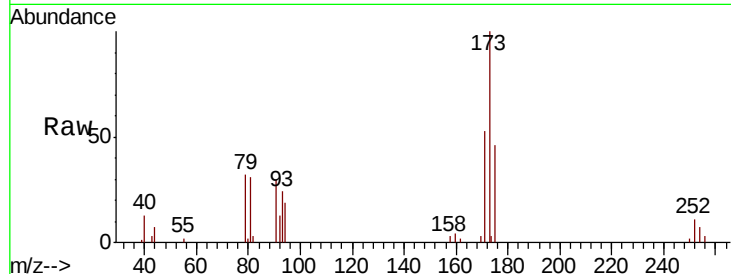




#71
Bromoform
Concen: 19.833 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

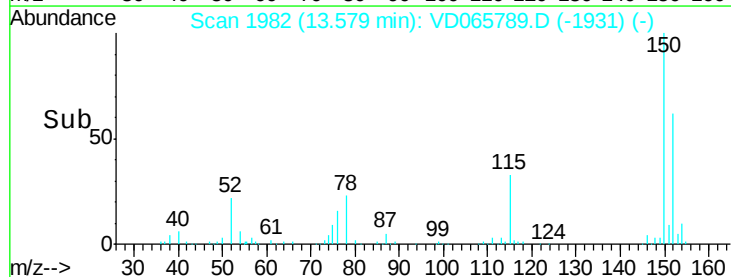
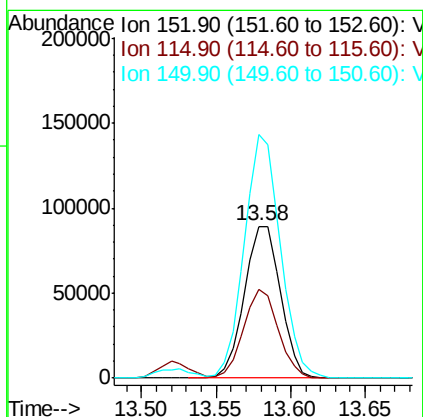
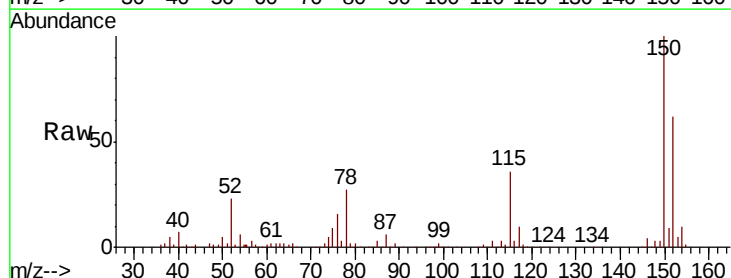
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

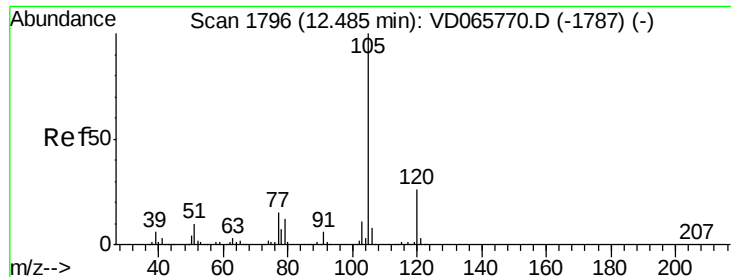
Tot Ion:173 Resp: 23088
Ion Ratio Lower Upper
173 100
175 44.0 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:152 Resp: 149545
Ion Ratio Lower Upper
152 100
115 55.9 28.7 86.1
150 160.0 0.0 348.0





#73

Isopropylbenzene

Concen: 19.191 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

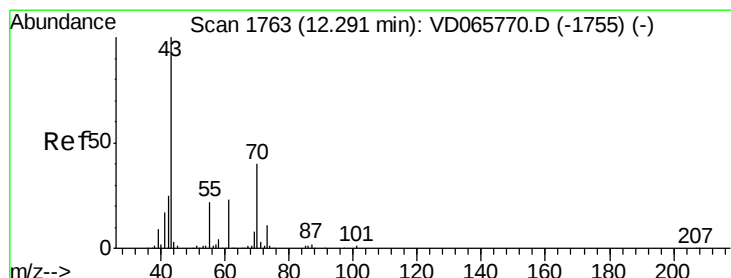
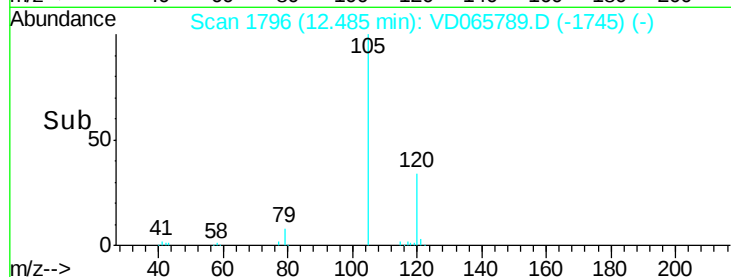
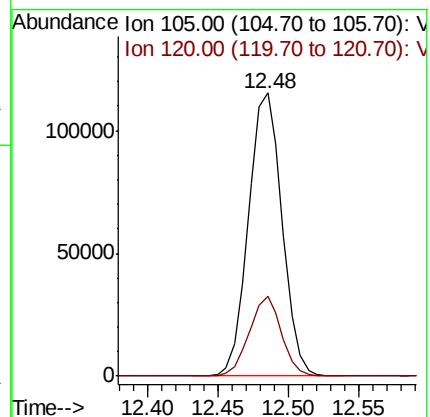
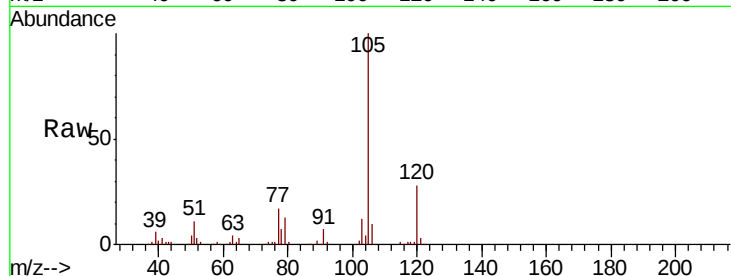
VD0612SBS01

Tot Ion:105 Resp: 192413

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 18.539 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Tgt Ion: 43 Resp: 41355

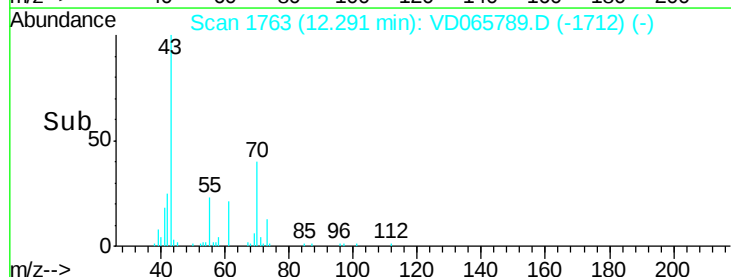
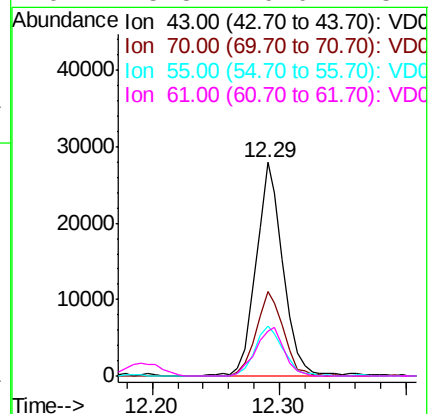
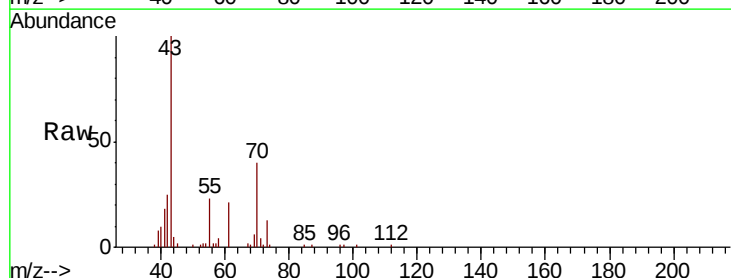
Ion Ratio Lower Upper

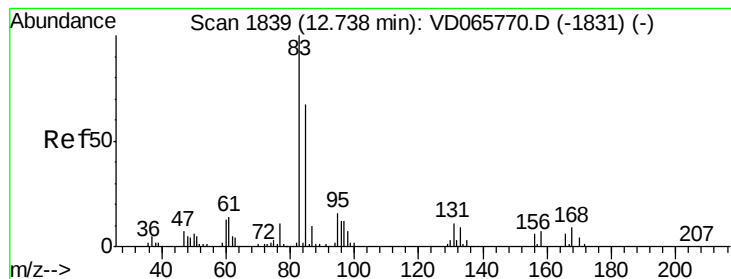
43 100

70 40.1 32.3 48.5

55 24.4 19.0 28.4

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.179 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

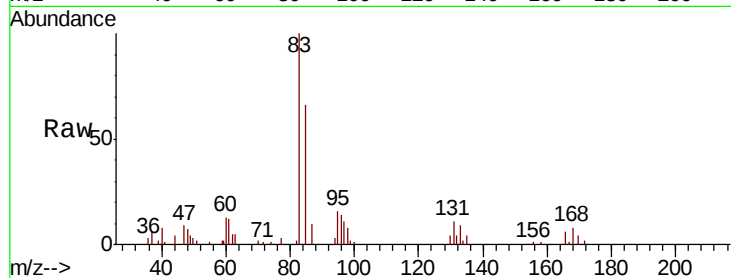
Tot Ion: 83 Resp: 32476

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

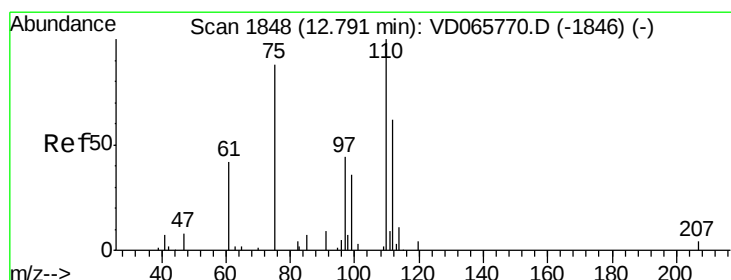
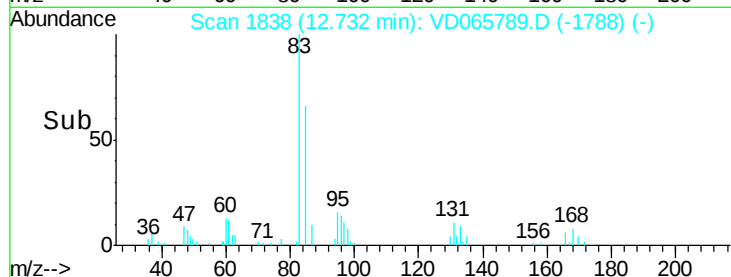
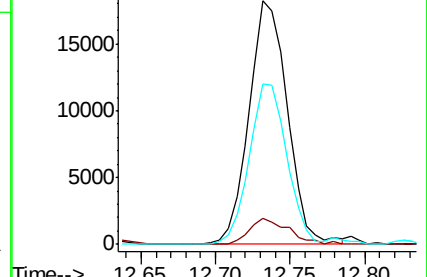
85 64.2 32.5 97.5



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: 24.512 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065789.D

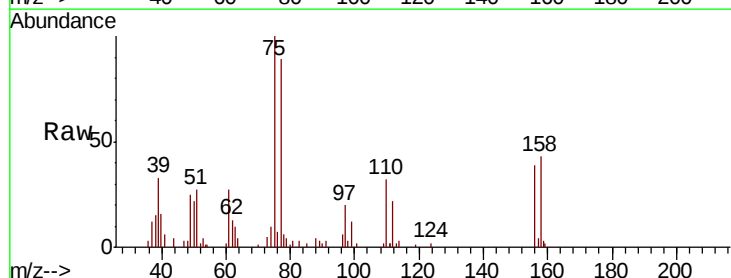
Acq: 12 Jun 2020 11:57

Tgt Ion: 75 Resp: 28508

Ion Ratio Lower Upper

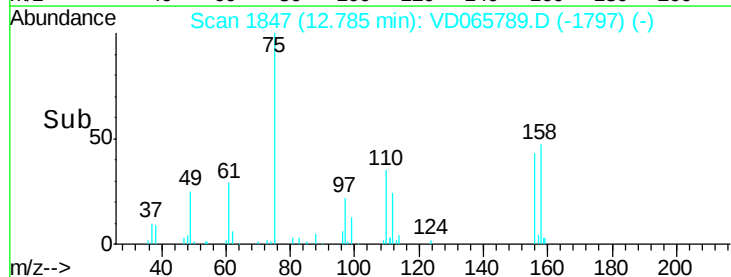
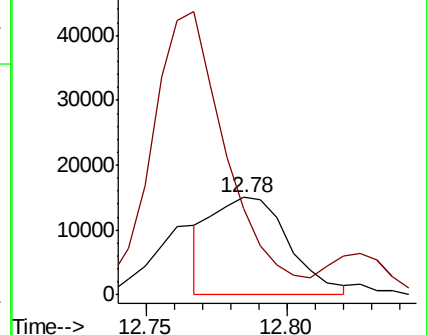
75 100

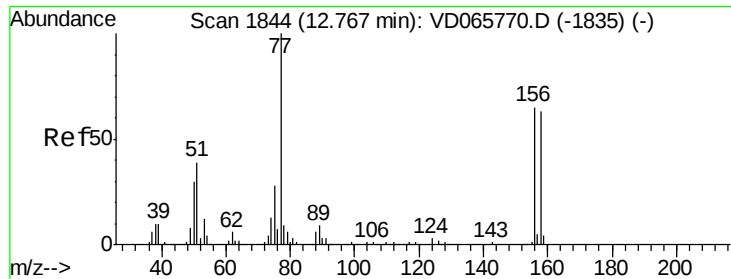
77 286.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.629 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

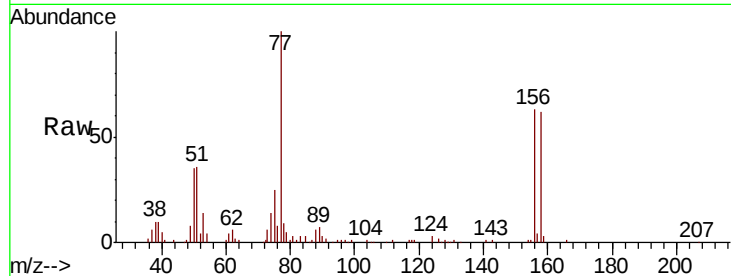
Tot Ion:156 Resp: 46565

Ion Ratio Lower Upper

156 100

77 175.7 87.3 261.8

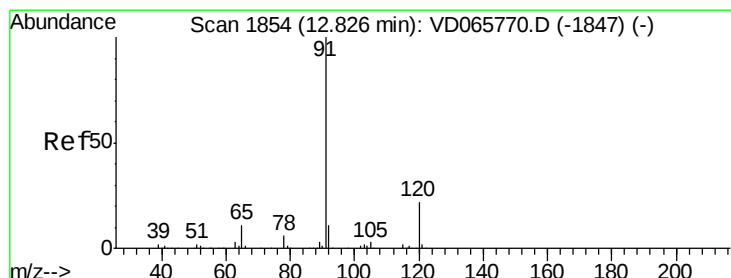
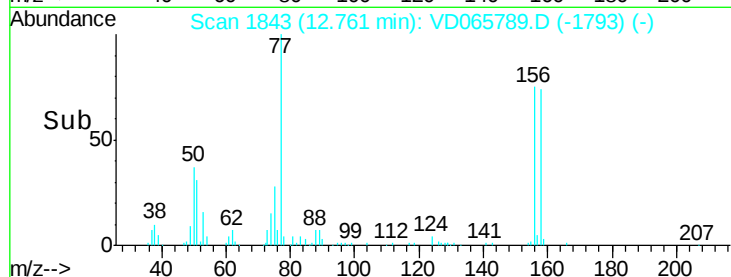
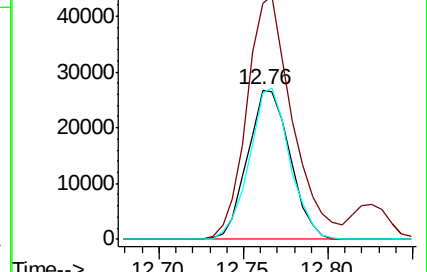
158 97.0 48.0 144.0



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: 19.672 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065789.D

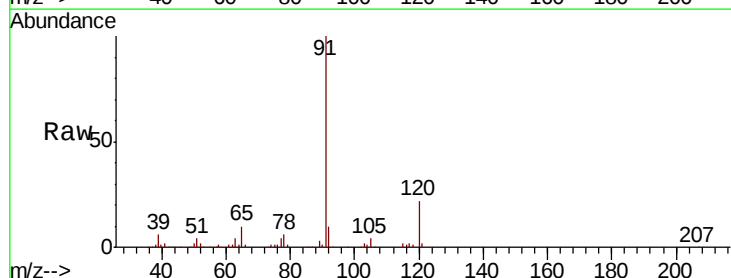
Acq: 12 Jun 2020 11:57

Tgt Ion: 91 Resp: 237425

Ion Ratio Lower Upper

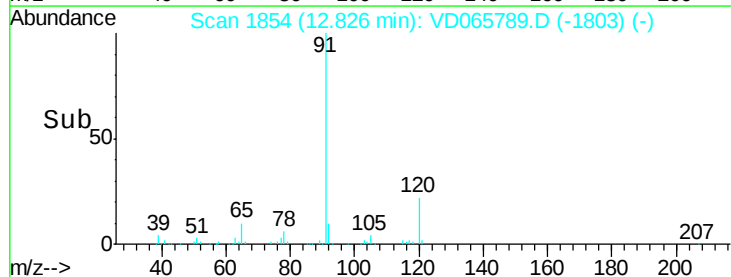
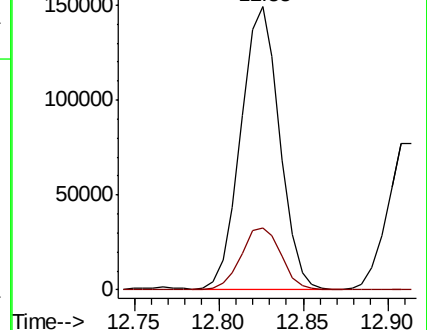
91 100

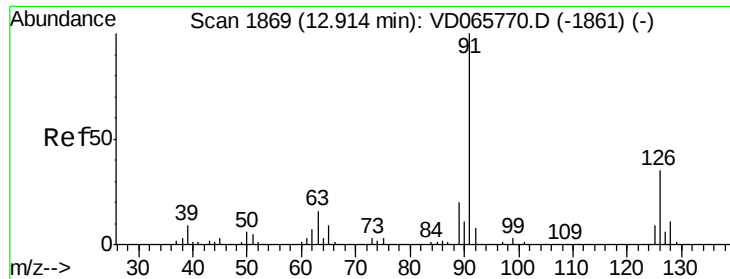
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

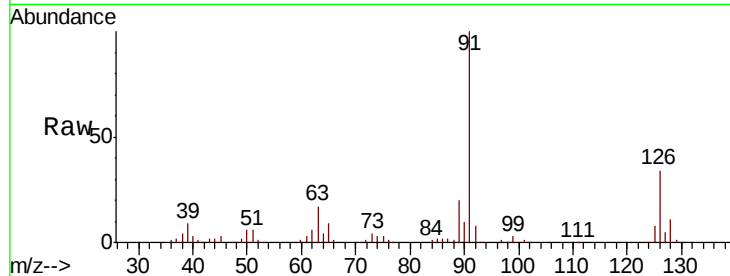




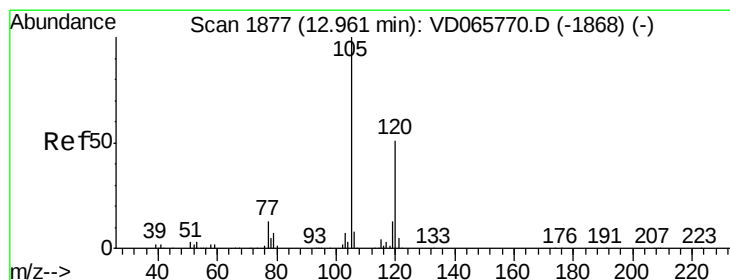
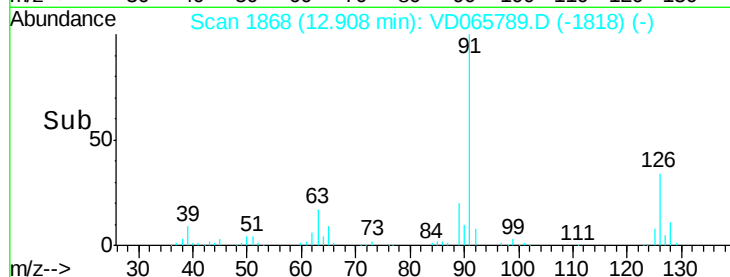
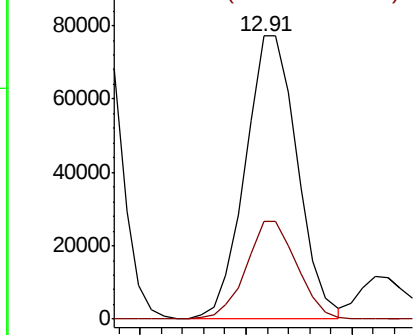
#79
2-Chlorotoluene
Concen: 19.945 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

Tot Ion: 91 Resp: 132054
Ion Ratio Lower Upper
91 100
126 33.8 17.5 52.6

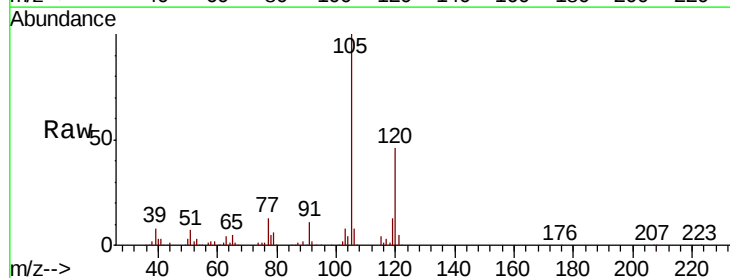


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

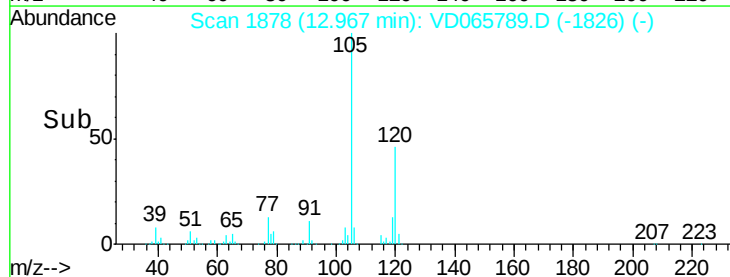
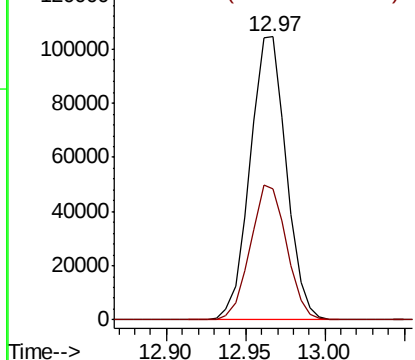


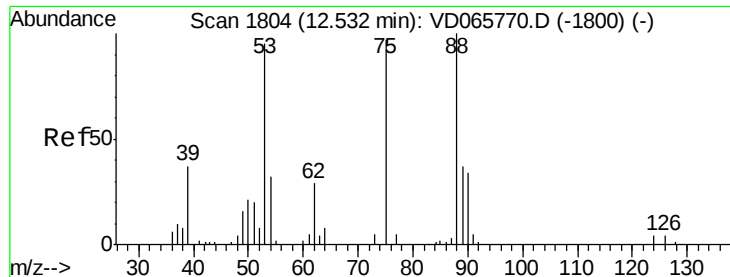
#80
1,3,5-Trimethylbenzene
Concen: 19.945 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:105 Resp: 166415
Ion Ratio Lower Upper
105 100
120 47.7 25.4 76.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.905 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

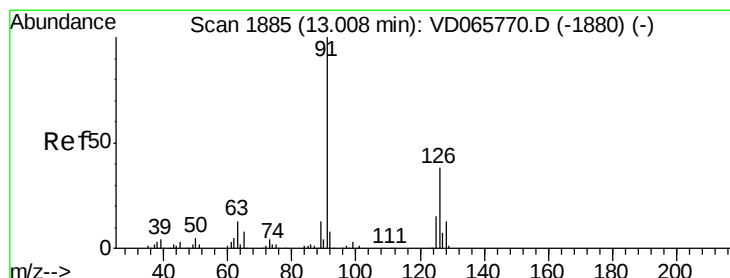
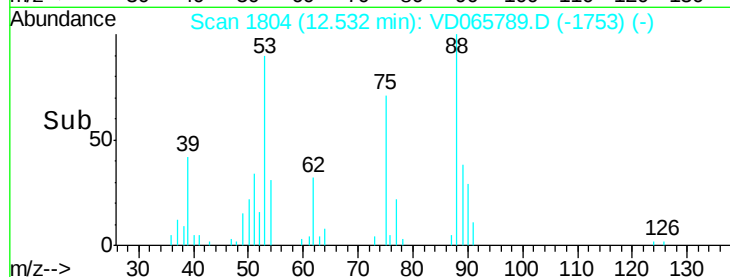
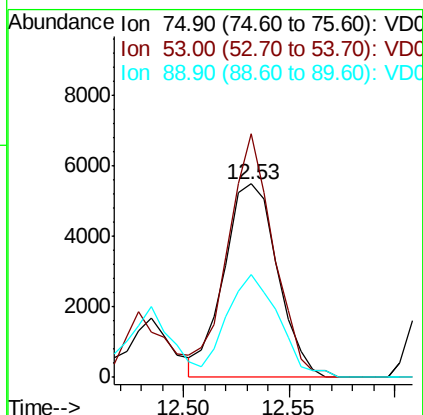
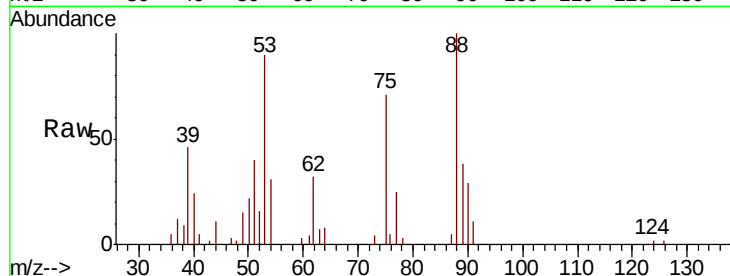
Tot Ion: 75 Resp: 9638

Ion Ratio Lower Upper

75 100

53 107.8 82.6 123.8

89 51.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 19.777 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065789.D

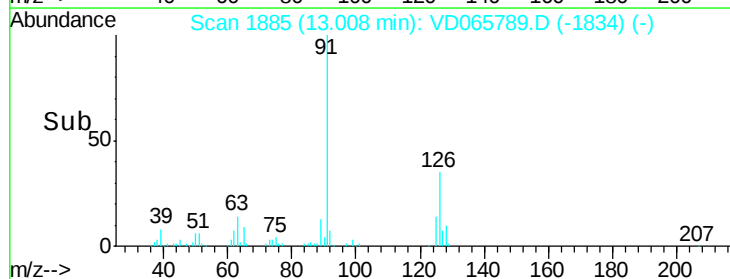
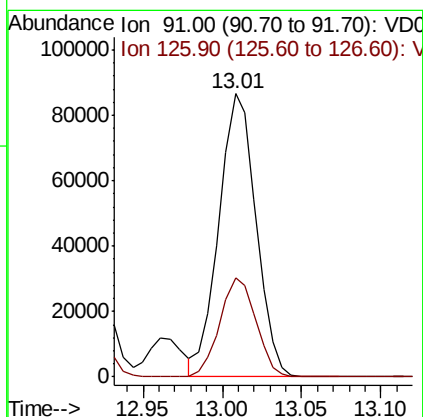
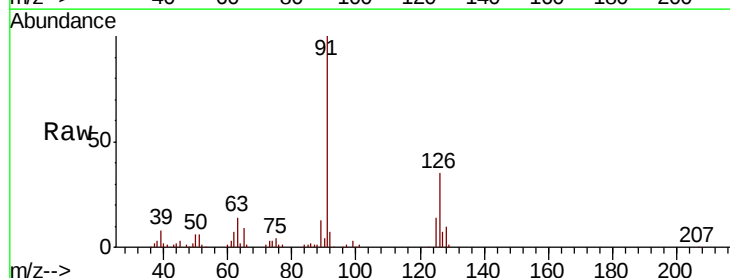
Acq: 12 Jun 2020 11:57

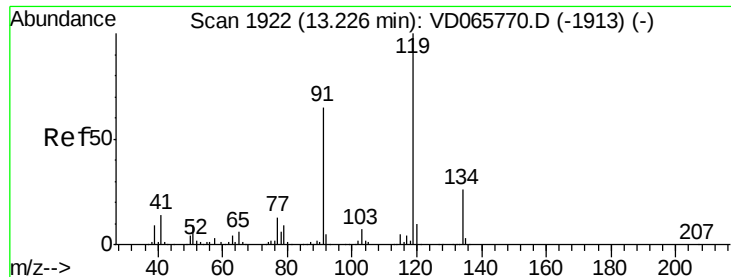
Tgt Ion: 91 Resp: 140547

Ion Ratio Lower Upper

91 100

126 34.3 17.6 52.8

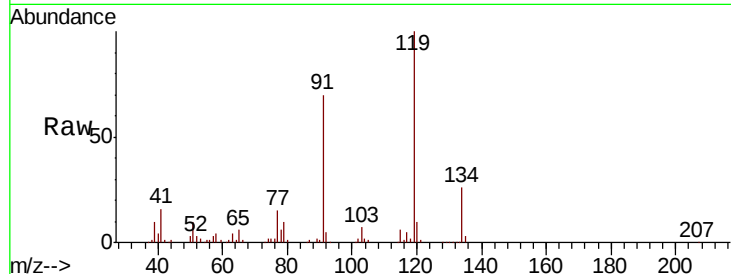




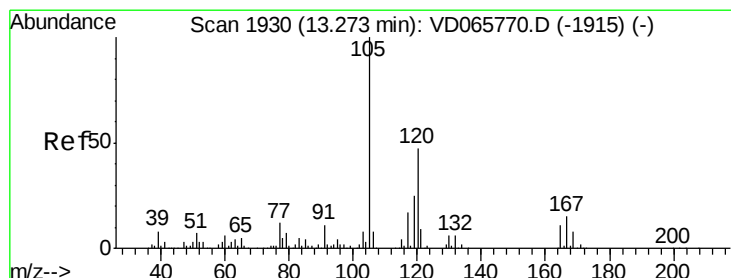
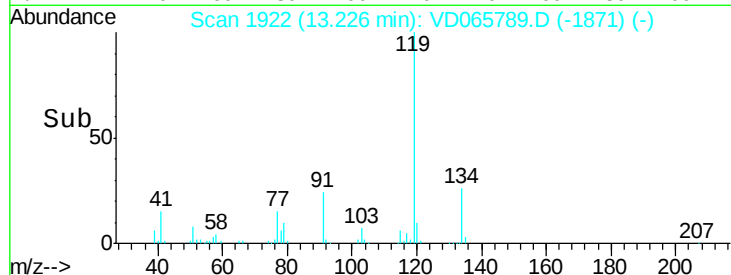
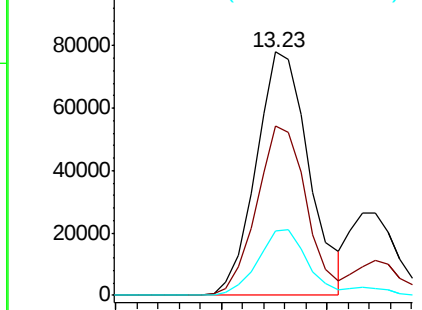
#83
tert-Butylbenzene
Concen: 18.731 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

Tot Ion:119 Resp: 135605
Ion Ratio Lower Upper
119 100
91 65.5 32.0 96.0
134 25.6 13.8 41.4

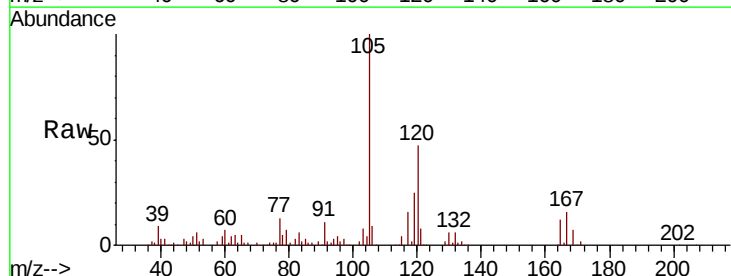


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

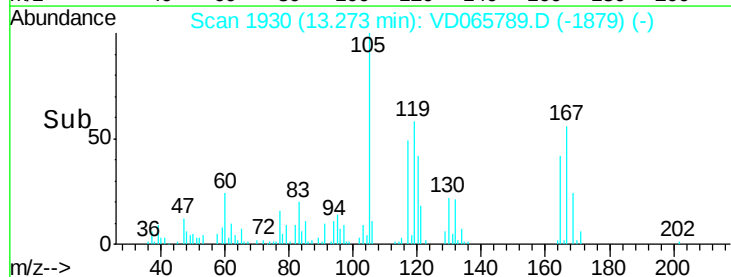
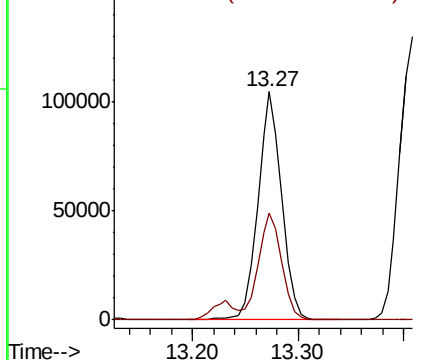


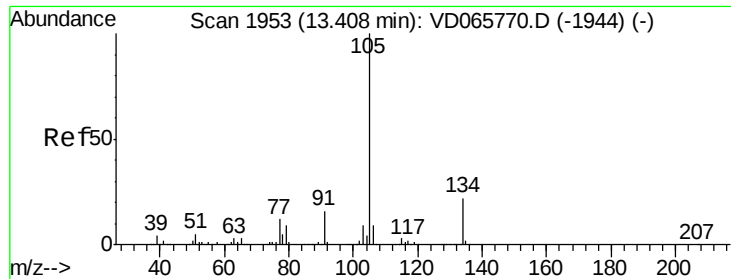
#84
1,2,4-Trimethylbenzene
Concen: 19.431 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion:105 Resp: 162278
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8



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





#85

sec-Butylbenzene

Concen: 19.694 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

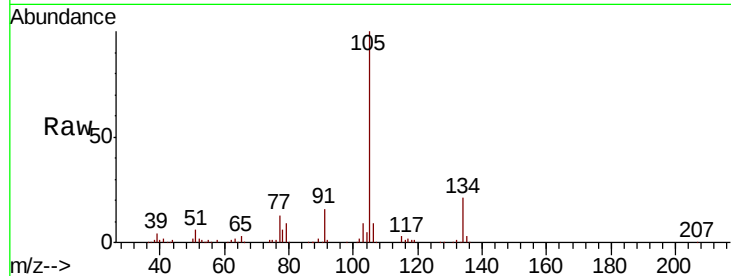
VD0612SBS01

Tot Ion:105 Resp: 198423

Ion Ratio Lower Upper

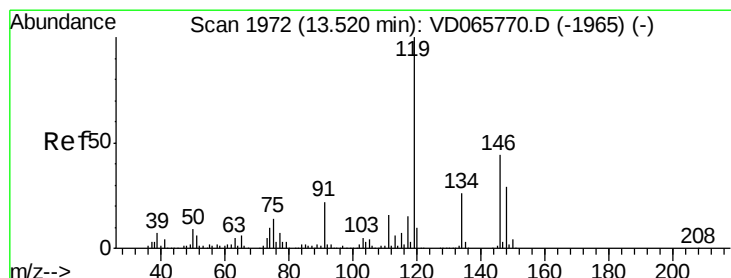
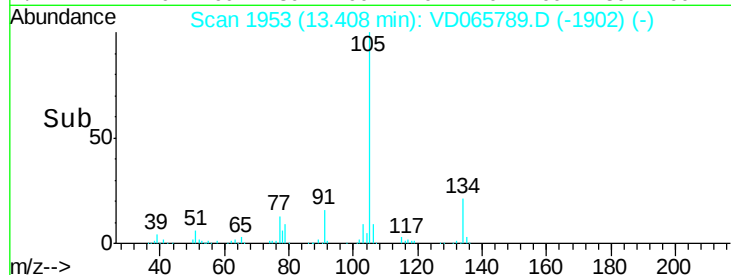
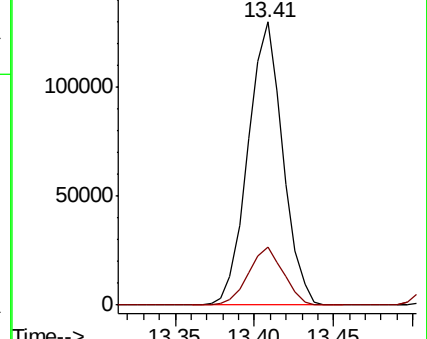
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.346 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

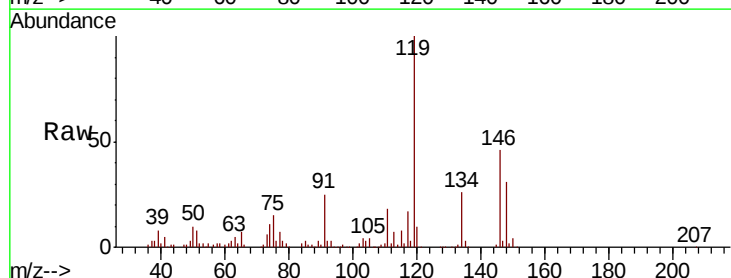
Tgt Ion:119 Resp: 178649

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

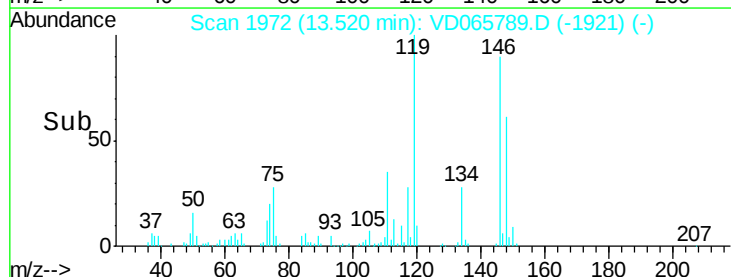
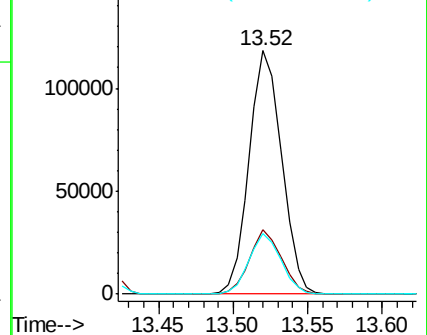
91 24.4 11.8 35.4

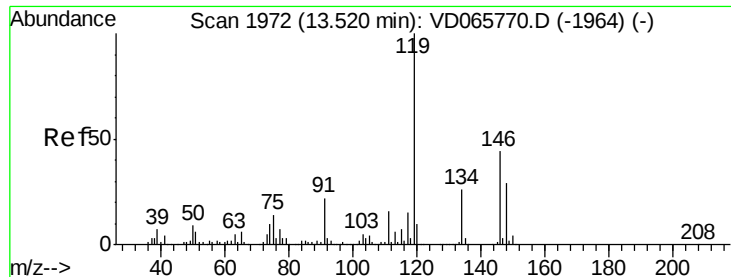


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.430 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

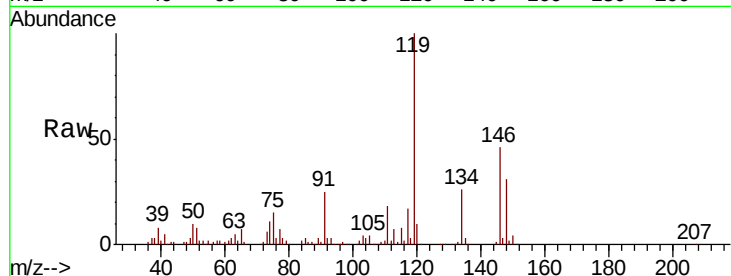
Tot Ion:146 Resp: 90883

Ion Ratio Lower Upper

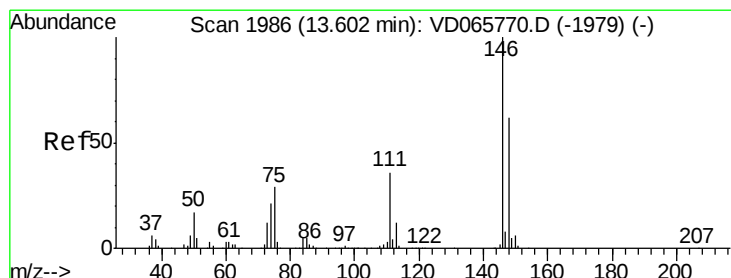
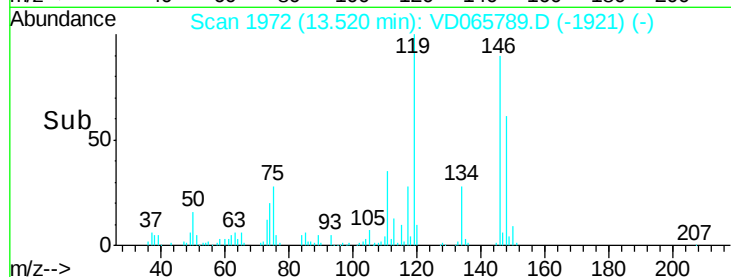
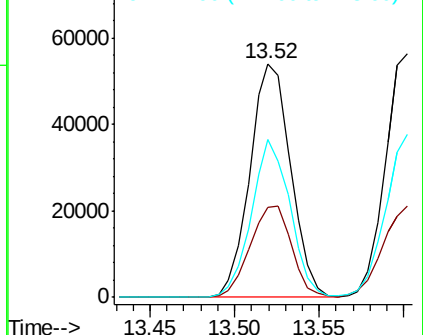
146 100

111 39.8 19.2 57.6

148 64.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.652 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

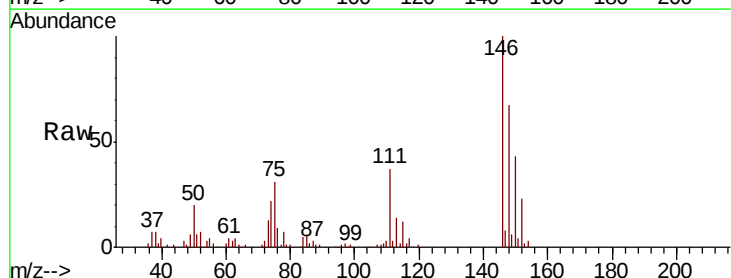
Tgt Ion:146 Resp: 91438

Ion Ratio Lower Upper

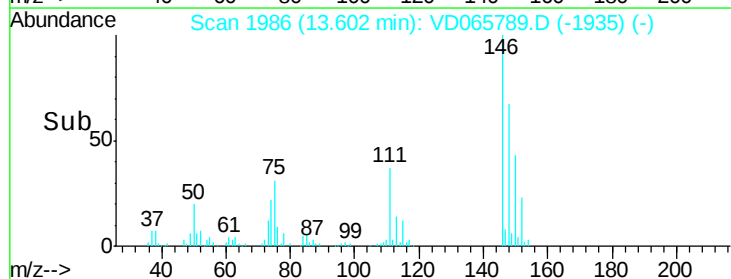
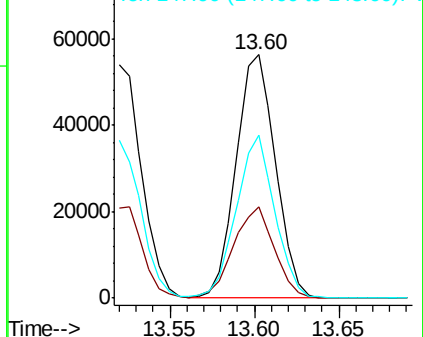
146 100

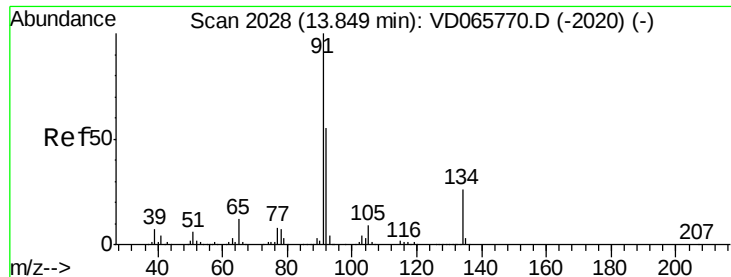
111 38.9 18.9 56.7

148 65.4 31.6 94.7



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

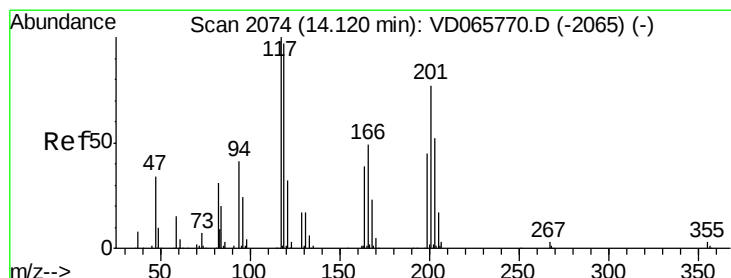
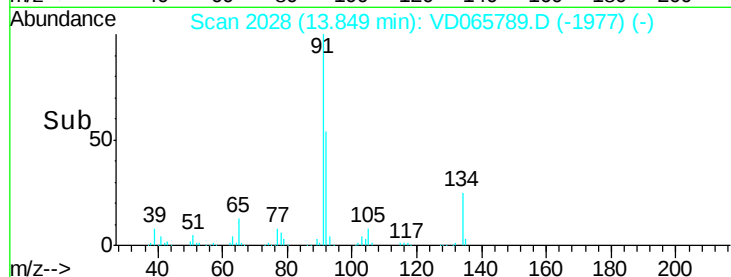
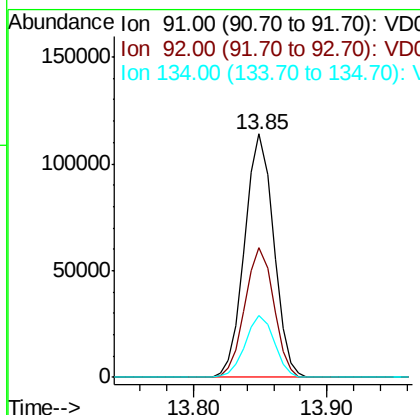
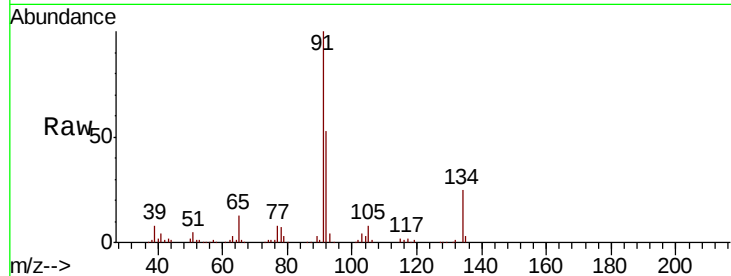




#89
n-Butylbenzene
Concen: 19.433 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

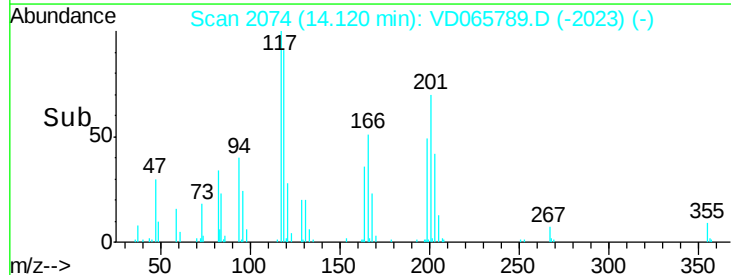
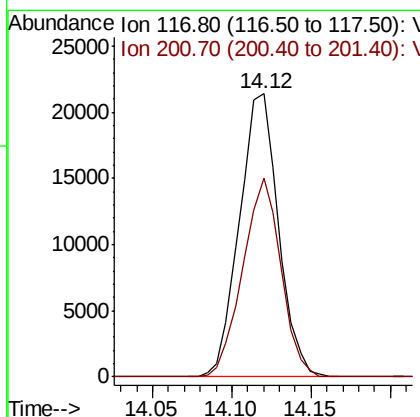
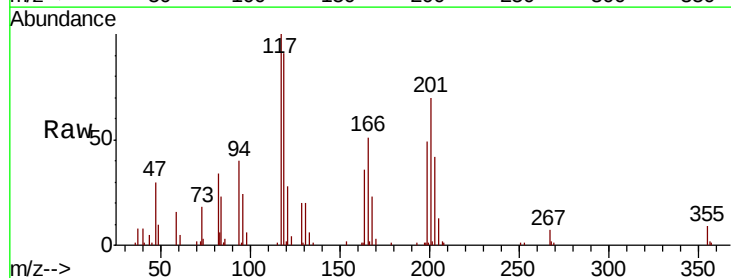
Instrument :
MSVOA_D
ClientSampleId :
VD0612SBS01

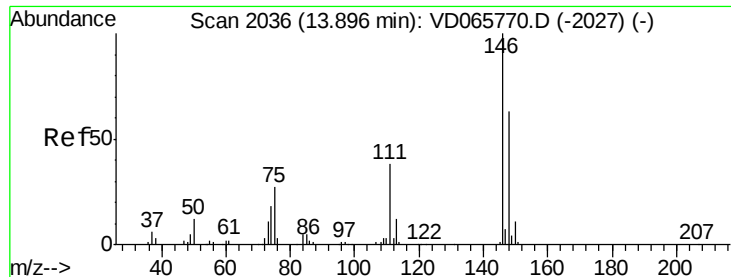
Tot Ion: 91 Resp: 171152
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 25.5 13.0 39.0



#90
Hexachloroethane
Concen: 19.770 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065789.D
Acq: 12 Jun 2020 11:57

Tgt Ion: 117 Resp: 36544
Ion Ratio Lower Upper
117 100
201 68.8 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 19.356 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

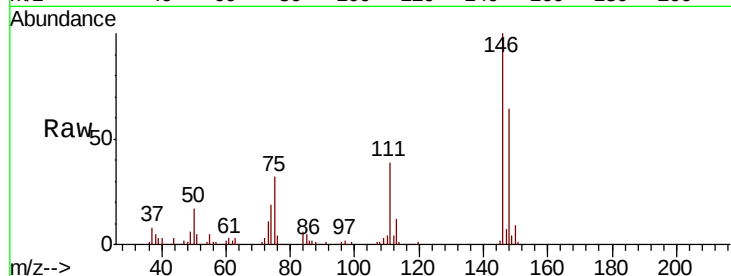
Tot Ion:146 Resp: 77920

Ion Ratio Lower Upper

146 100

111 40.6 19.8 59.4

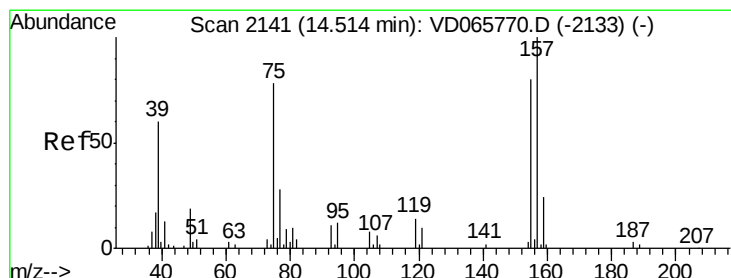
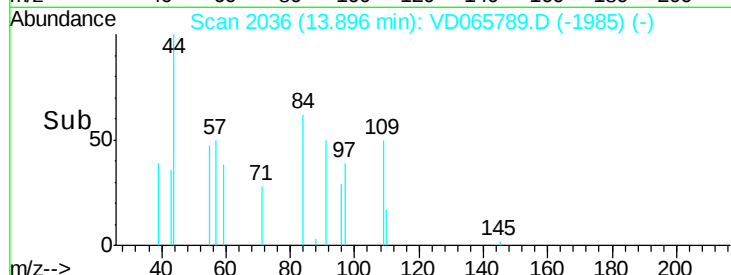
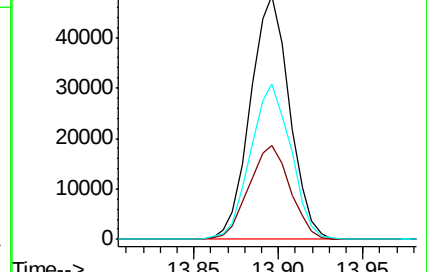
148 65.7 31.9 95.7



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: 19.364 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

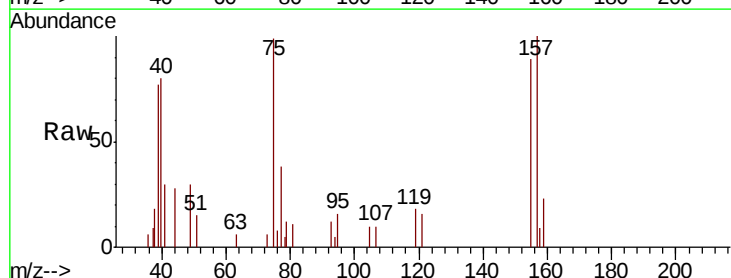
Tgt Ion: 75 Resp: 5457

Ion Ratio Lower Upper

75 100

155 73.8 46.3 138.9

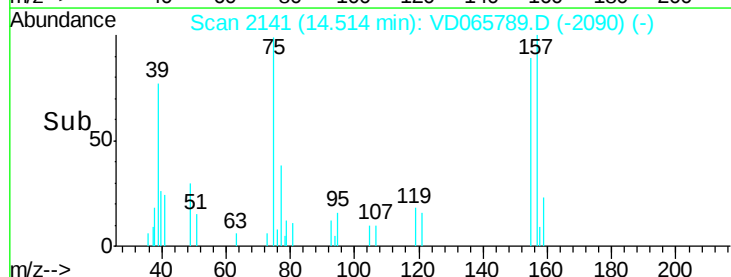
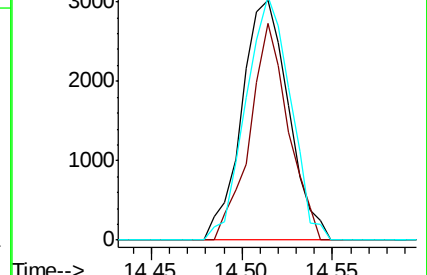
157 96.6 58.1 174.3

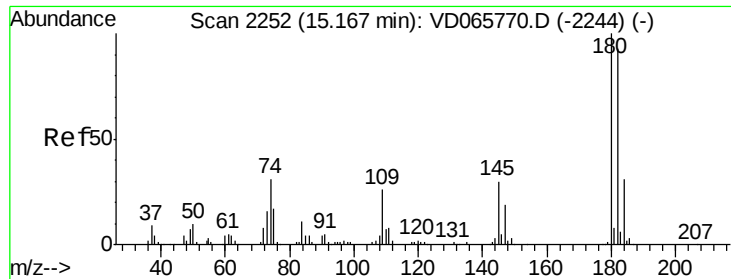


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

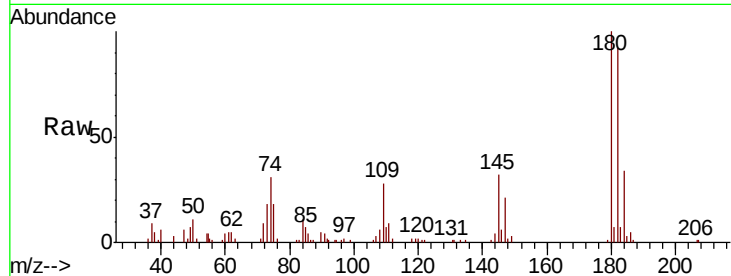




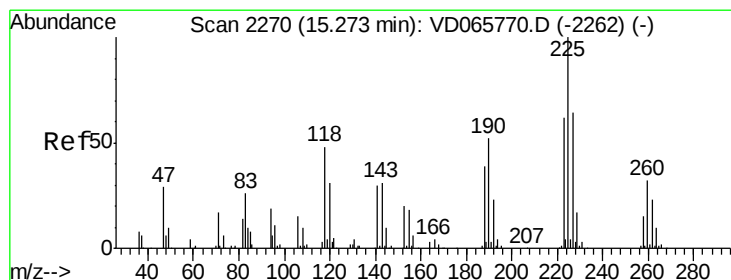
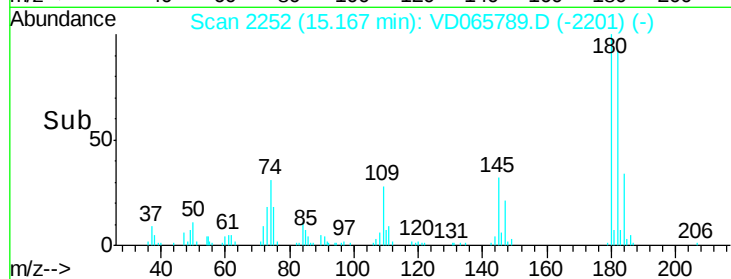
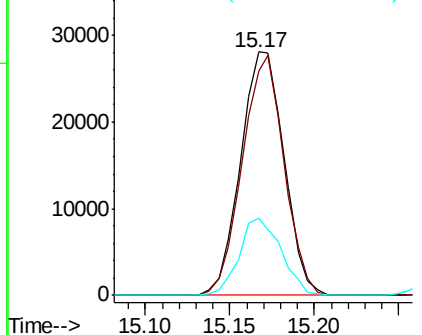
#93
 1,2,4-Trichlorobenzene
 Concen: 18.333 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.2
145	30.6	14.9	44.9

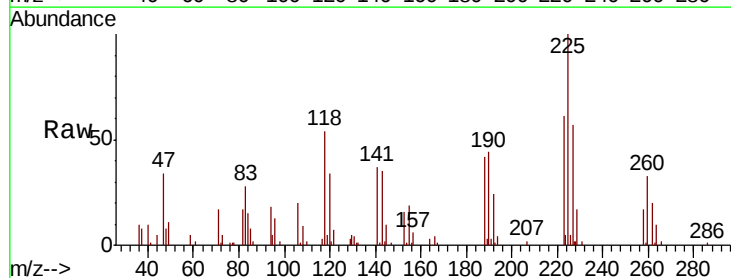


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

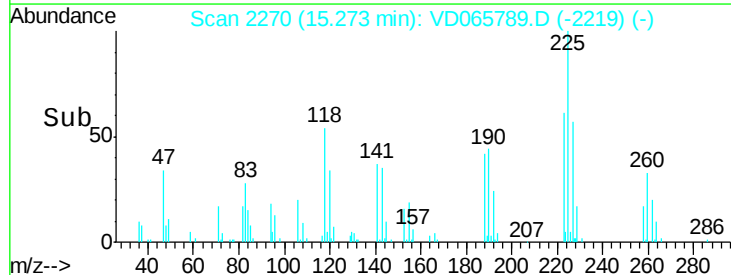
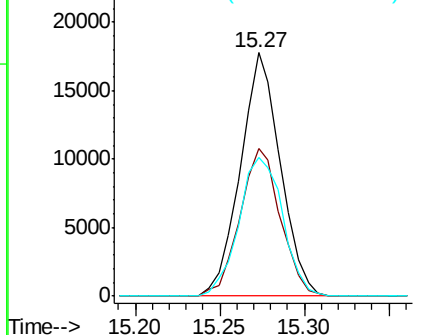


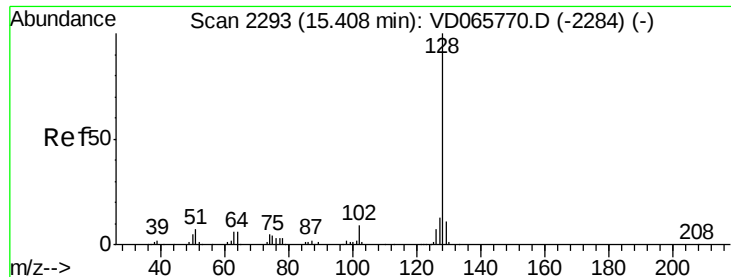
#94
 Hexachlorobutadiene
 Concen: 17.664 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065789.D
 Acq: 12 Jun 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.9	92.7
227	62.4	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: 17.383 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0612SBS01

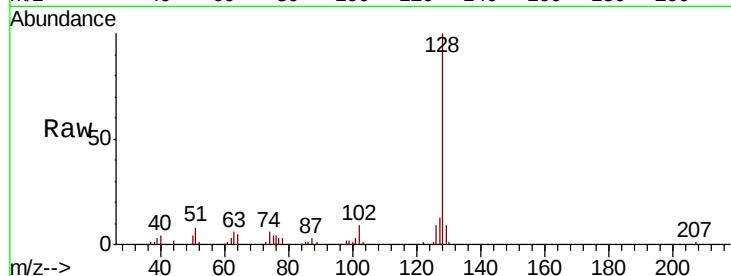
Tot Ion:128 Resp: 80594

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

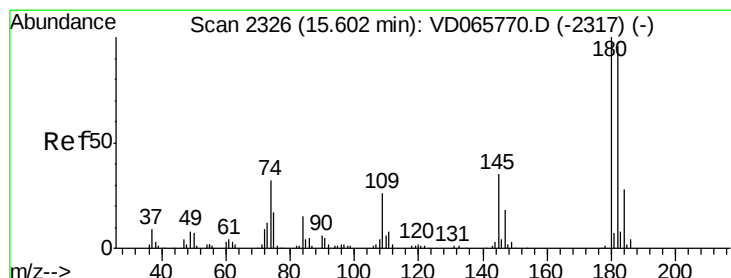
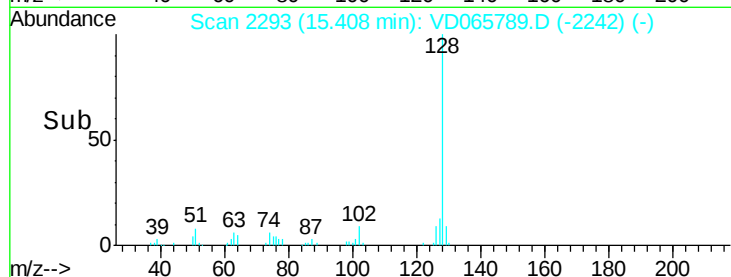
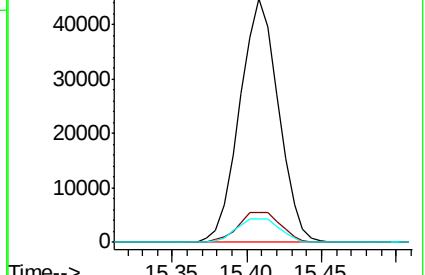
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.208 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065789.D

Acq: 12 Jun 2020 11:57

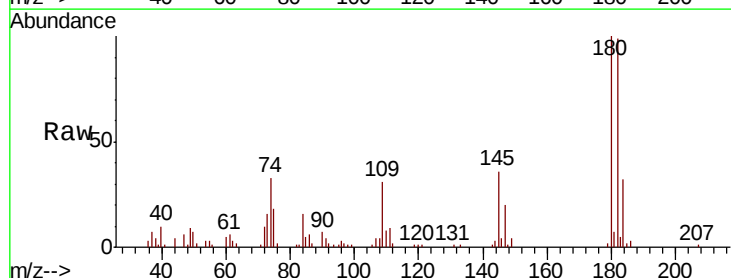
Tgt Ion:180 Resp: 42923

Ion Ratio Lower Upper

180 100

182 93.1 47.0 141.2

145 33.7 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

