

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064265.D
 Acq On : 18 Nov 2019 15:31
 Operator : VA/SY
 Sample : K5864-07
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:38:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	887547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1364101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1053472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	759796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	417211	57.16	ug/l	0.00
Spiked Amount			Recovery	=	114.32%	
35) Dibromofluoromethane	7.92	113	426212	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	
50) Toluene-d8	10.34	98	1635773	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.64	95	911050	89.06	ug/l	0.00
Spiked Amount			Recovery	=	178.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	70	2.039	ug/l #	41
11) Tert butyl alcohol	5.26	59	707	1.387	ug/l #	56
16) Acetone	4.17	43	70856	40.975	ug/l	93
20) Methylene Chloride	4.97	84	11250	1.288	ug/l #	87
25) 2-Butanone	7.23	43	16836	7.536	ug/l #	85
31) Cyclohexane	7.98	56	26965	1.882	ug/l #	44
36) 1,1-Dichloropropene	7.98	75	60082	4.772	ug/l #	41
38) Carbon Tetrachloride	7.98	117	80327	5.963	ug/l #	15
39) Methylcyclohexane	9.36	83	224037	14.064	ug/l	90
43) Isopropyl Acetate	8.46	43	34181	3.126	ug/l #	53
47) Bromodichloromethane	9.64	83	20189	1.672	ug/l #	37
48) Methyl methacrylate	9.50	41	20734	3.878	ug/l #	31
51) 4-Methyl-2-Pentanone	10.27	43	37978	7.242	ug/l #	76
52) Toluene	10.41	92	92554	4.091	ug/l	95
55) 1,1,2-Trichloroethane	10.78	97	833803	137.092	ug/l #	24
56) Ethyl methacrylate	10.64	69	229354	26.957	ug/l #	86
59) 2-Hexanone	10.96	43	1551791	415.937	ug/l #	31
65) Chlorobenzene	11.58	112	22194	1.036	ug/l #	43
69) o-Xylene	12.18	106	29618	2.150	ug/l #	1
73) Isopropylbenzene	12.48	105	925203	16.590	ug/l	98
74) N-amyl acetate	12.28	43	4071744	309.177	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.71	83	430604	51.242	ug/l #	61
76) 1,2,3-Trichloropropane	12.83	75	12945	2.115	ug/l #	100
78) n-propylbenzene	12.83	91	1810782	28.419	ug/l	98
79) 2-Chlorotoluene	12.83	91	1810782	50.337	ug/l	74
80) 1,3,5-Trimethylbenzene	13.13	105	329666	7.194	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.48	75	12105	3.929	ug/l #	2
82) 4-Chlorotoluene	12.83	91	1794632	47.830	ug/l	74
83) tert-Butylbenzene	13.23	119	307966	7.621	ug/l	73
84) 1,2,4-Trimethylbenzene	13.13	105	329666	7.287	ug/l	78
85) sec-Butylbenzene	13.41	105	3741072	68.933	ug/l	87
86) p-Isopropyltoluene	13.68	119	1754943	34.013	ug/l	91
89) n-Butylbenzene	13.85	91	3272800	70.211	ug/l #	75
90) Hexachloroethane	14.13	117	2183938	229.036	ug/l #	4

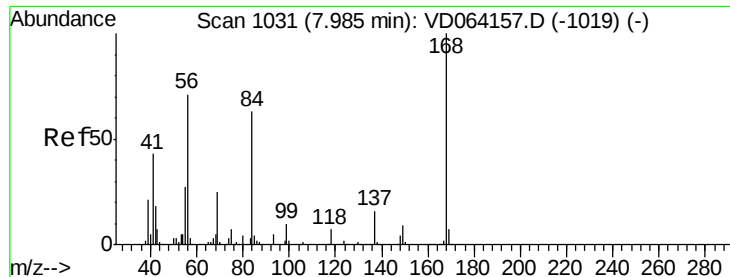
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064265.D
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.54	75	60782	40.455	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.18	180	40214	2.449	ug/l #	1
95) Naphthalene	15.38	128	382347	14.204	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	143250	10.262	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

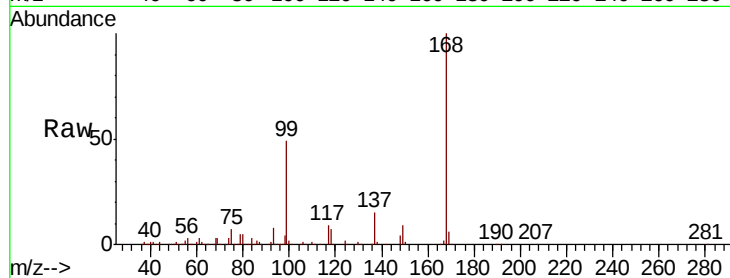
ClientSampleId :

Tot Ion:168 Resp: 887547

Ion Ratio Lower Upper

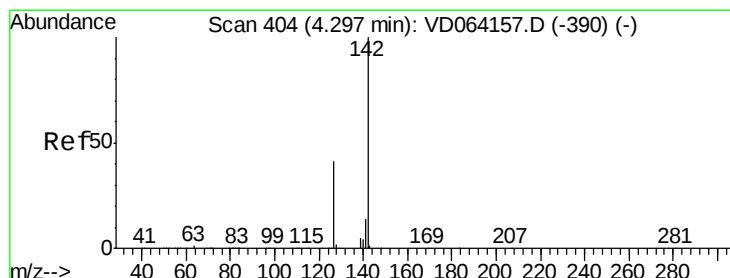
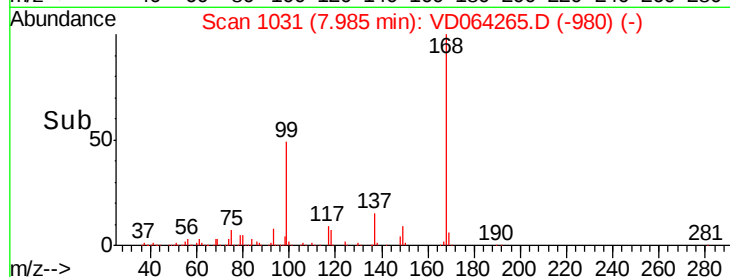
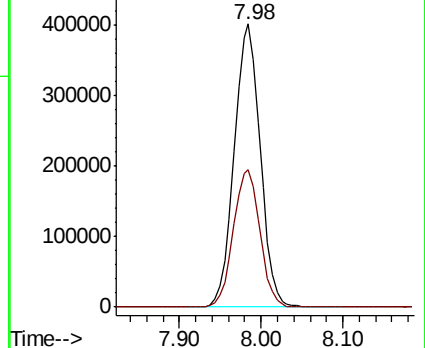
168 100

99 48.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.039 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

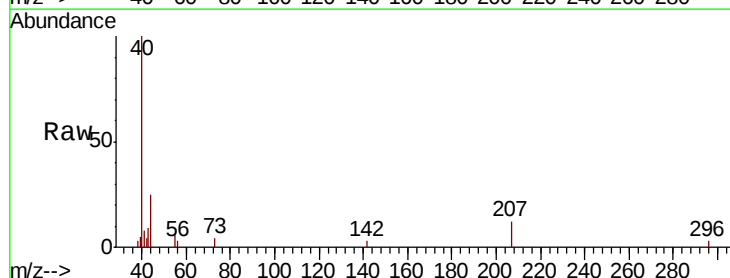
Tgt Ion:142 Resp: 70

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

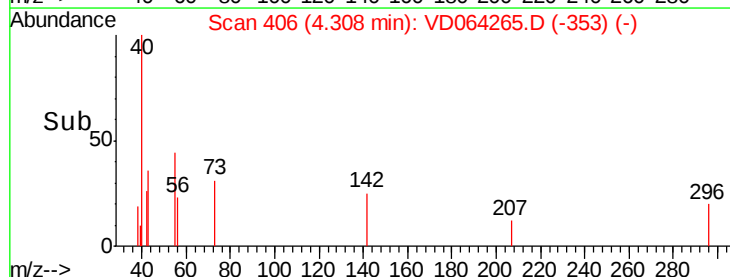
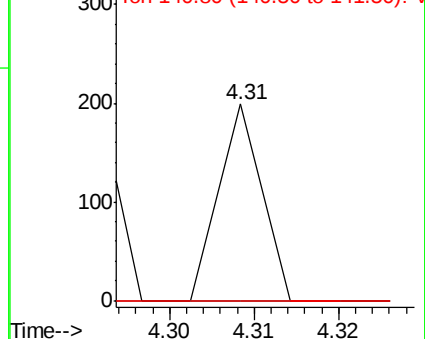
141 0.0 11.2 16.8#

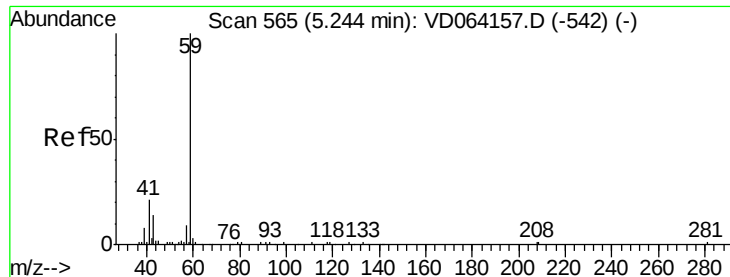


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

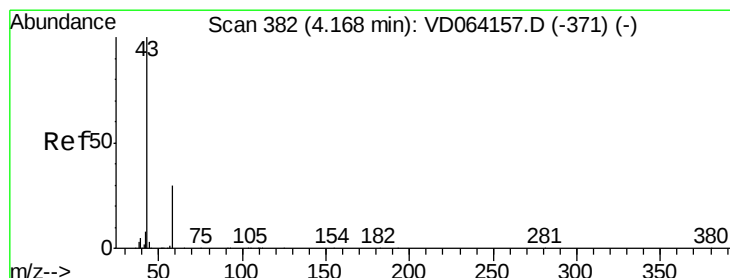
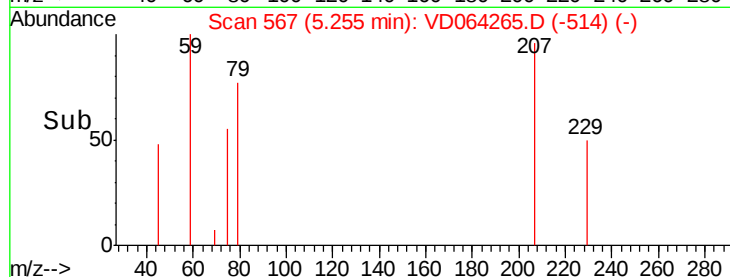
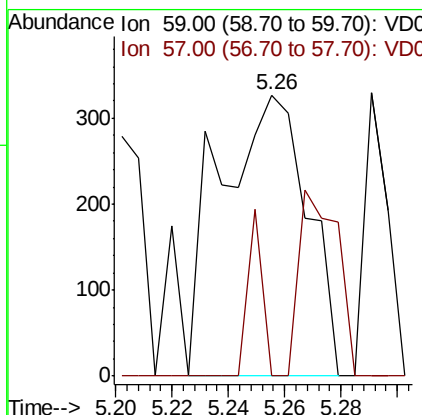
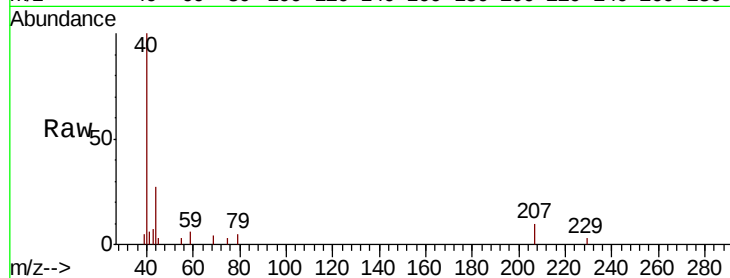




#11
Tert butyl alcohol
Concen: 1.387 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

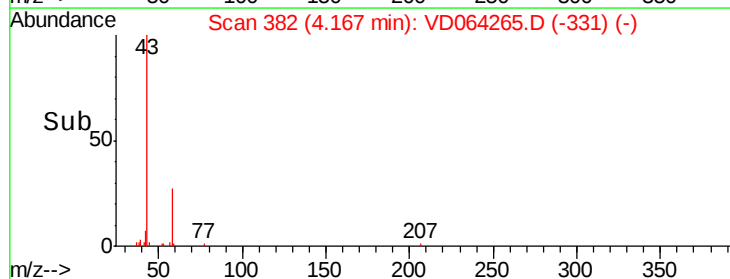
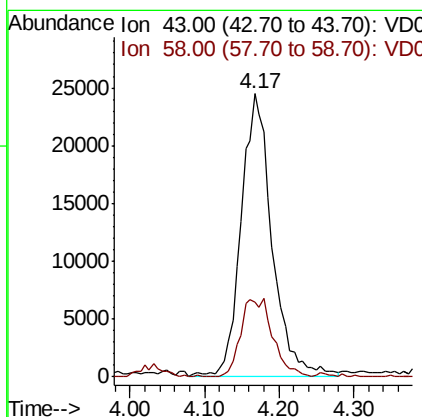
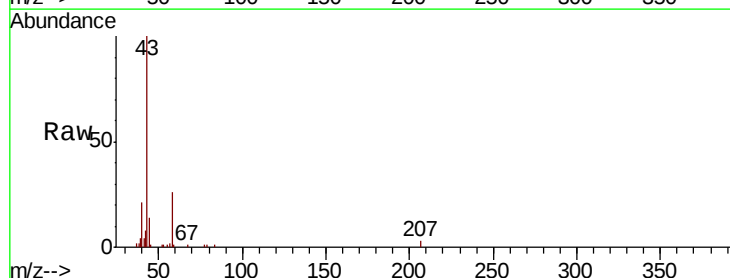
Instrument :
MSVOA_D
ClientSampled :

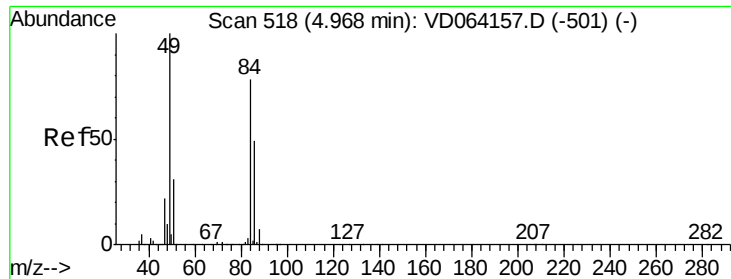
Tot Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 28.9 9.4 14.2#



#16
Acetone
Concen: 40.975 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 43 Resp: 70856
Ion Ratio Lower Upper
43 100
58 26.4 24.1 36.1

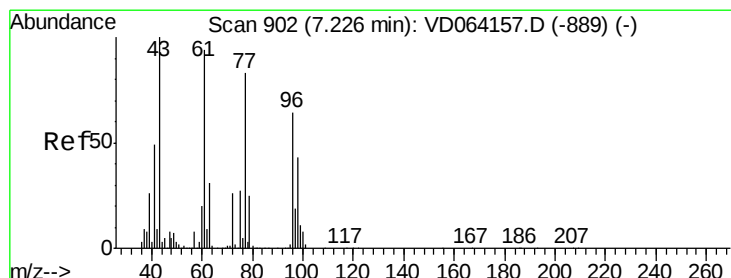
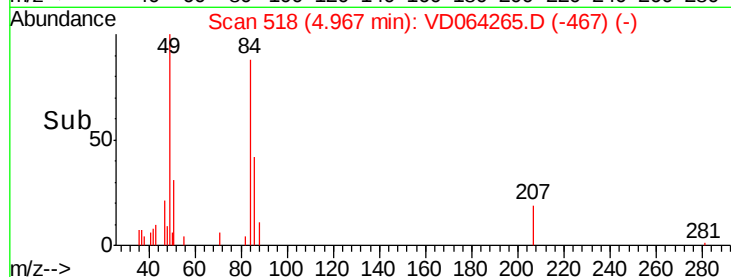
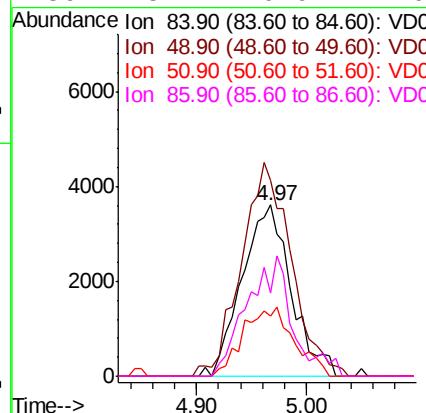
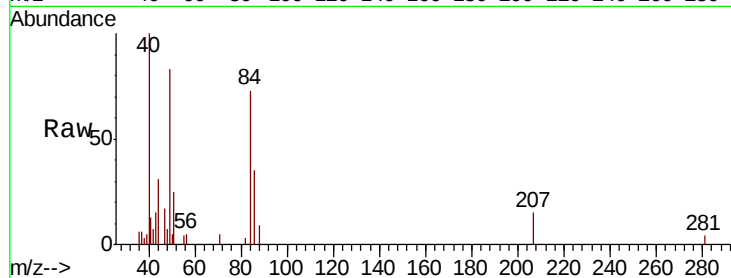




#20
Methvlene Chloride
Concen: 1.288 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

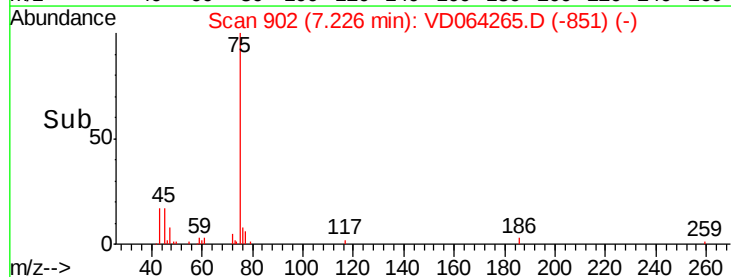
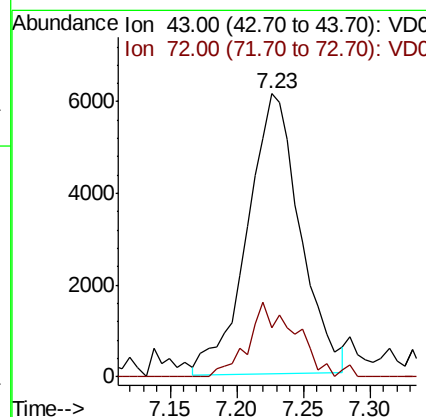
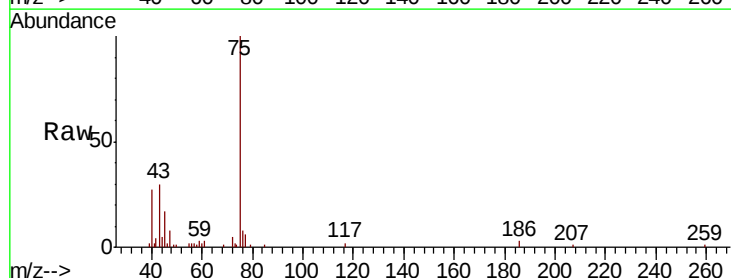
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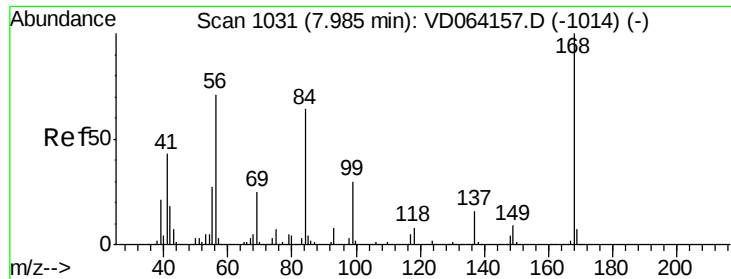
Tot Ion: 84 Resp: 11250
Ion Ratio Lower Upper
84 100
49 114.0 102.1 153.1
51 35.0 32.2 48.2
86 48.4 49.9 74.9#



#25
2-Butanone
Concen: 7.536 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 43 Resp: 16836
Ion Ratio Lower Upper
43 100
72 18.0 20.6 30.8#

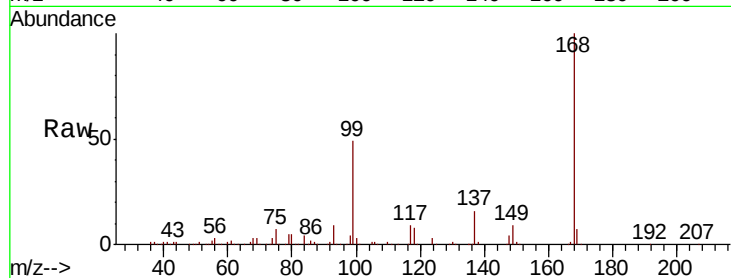




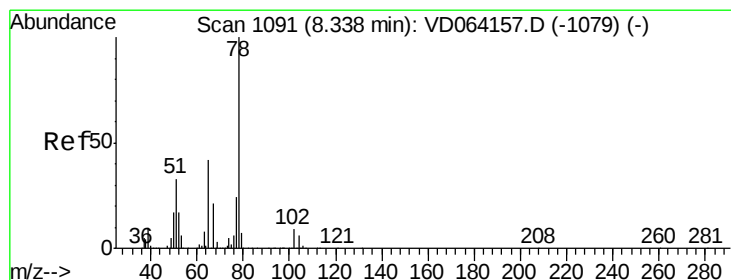
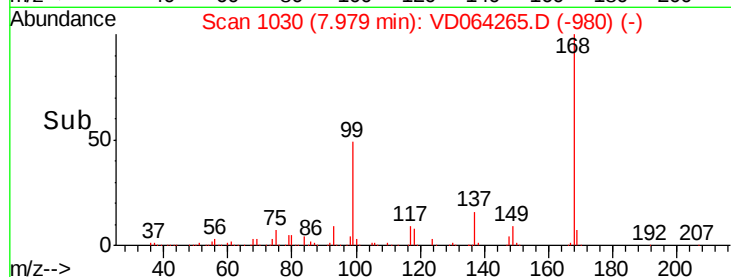
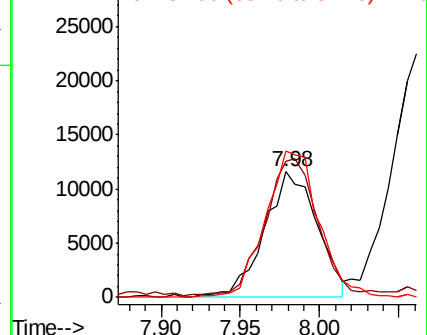
#31
Cyclohexane
Concen: 1.882 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 26965
Ion Ratio Lower Upper
56 100
69 106.8 28.2 42.4#
84 117.2 71.8 107.6#

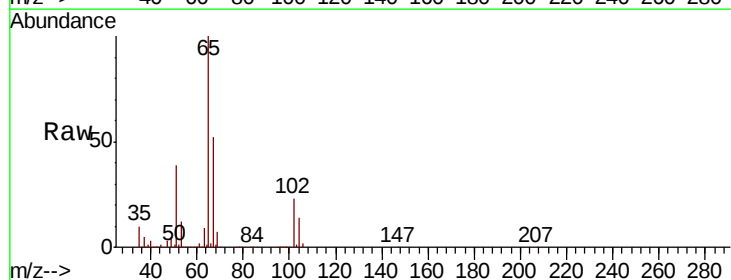


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

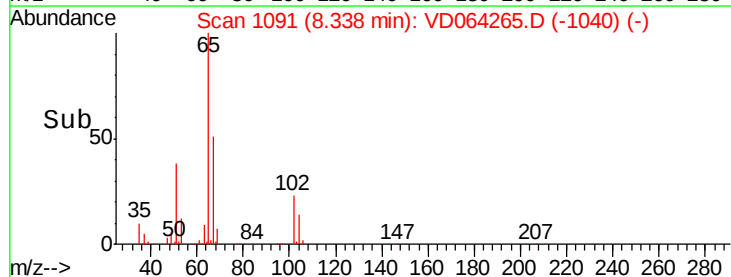
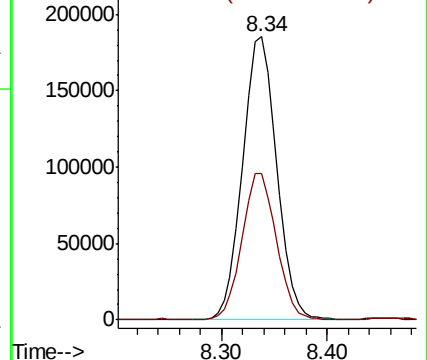


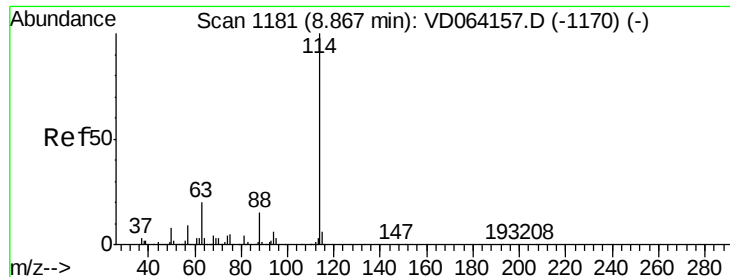
#33
1,2-Dichloroethane-d4
Concen: 57.156 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 65 Resp: 417211
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

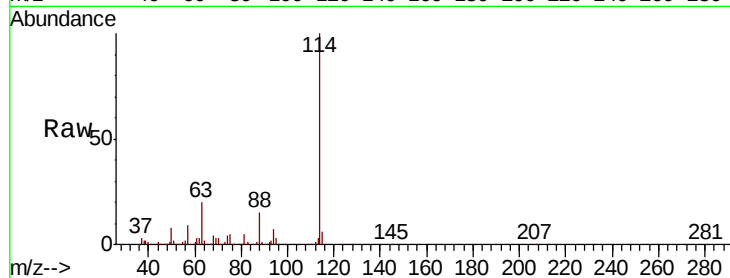




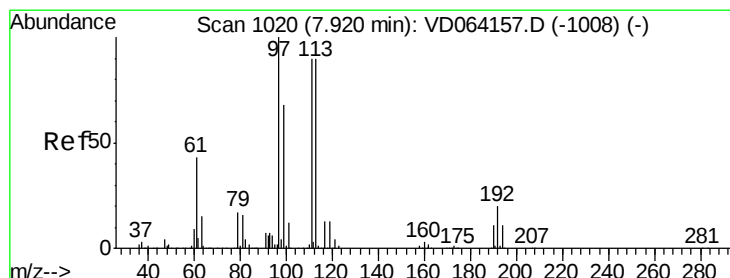
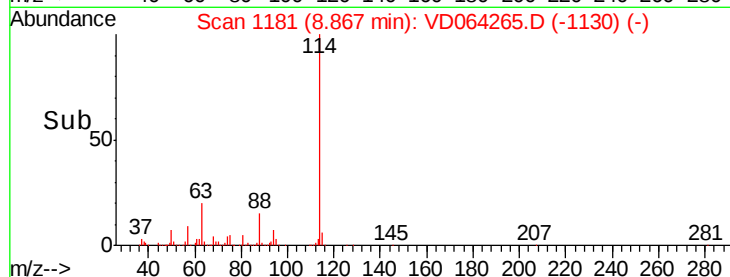
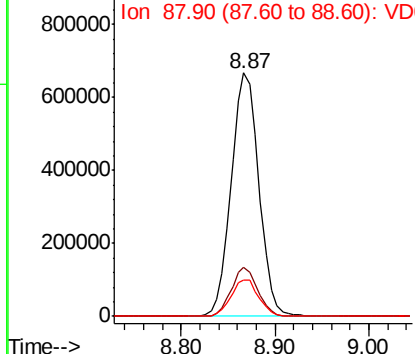
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:114 Resp: 1364101
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.1 0.0 30.2

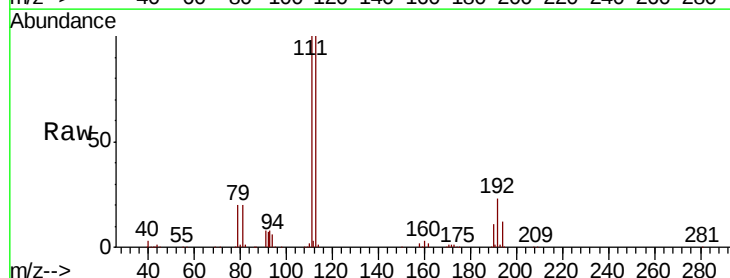


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

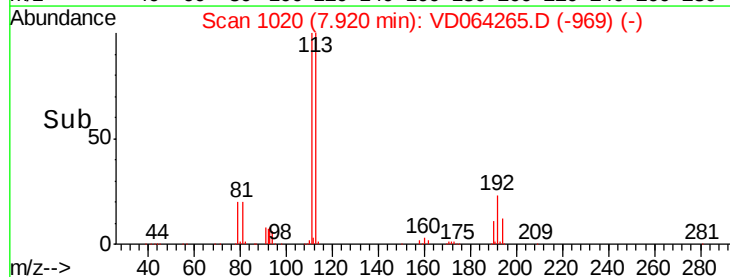
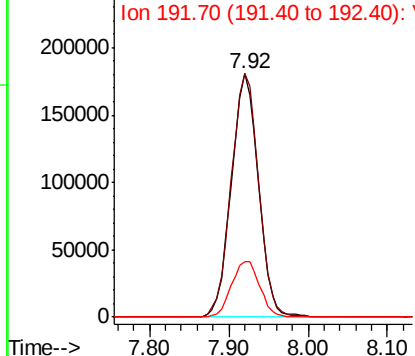


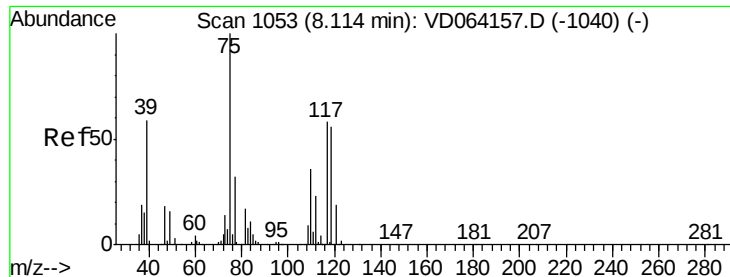
#35
 Dibromofluoromethane
 Concen: 54.432 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

Tgt Ion:113 Resp: 426212
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 23.9 18.8 28.2



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

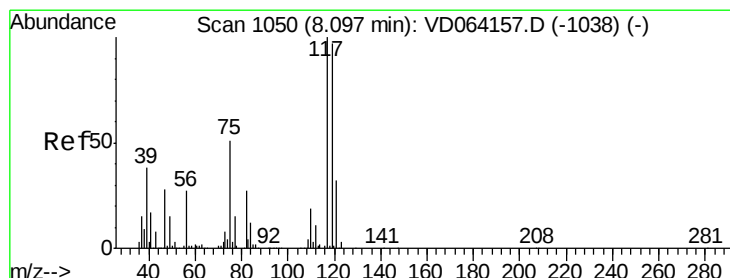
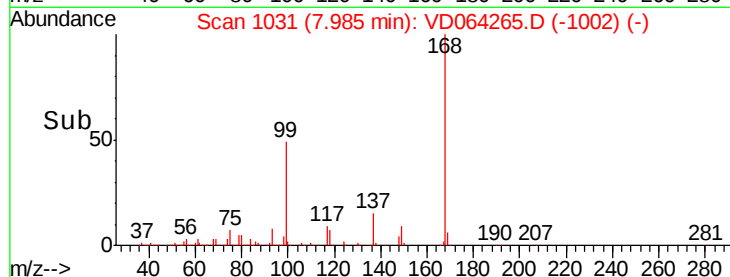
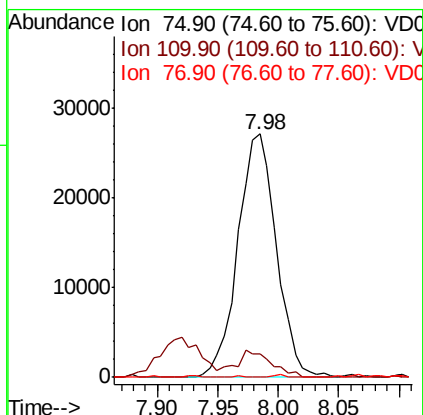
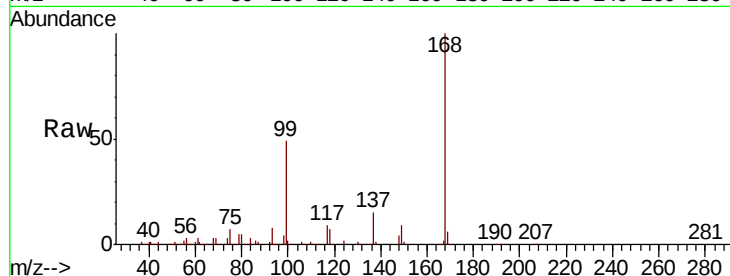




#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

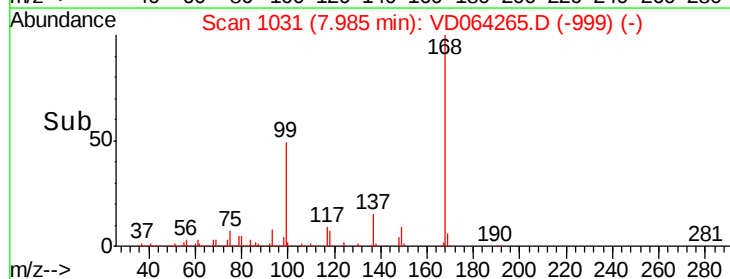
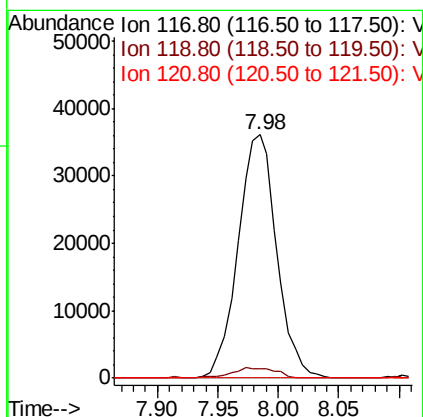
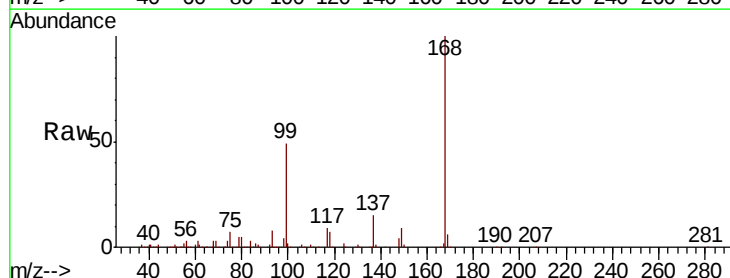
Instrument :
 MSVOA_D
 ClientSampleId :

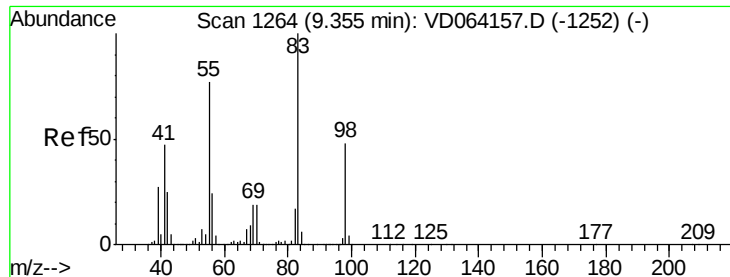
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.9#
77	0.3	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.963 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.2	115.8#
121	0.0	25.5	38.3#

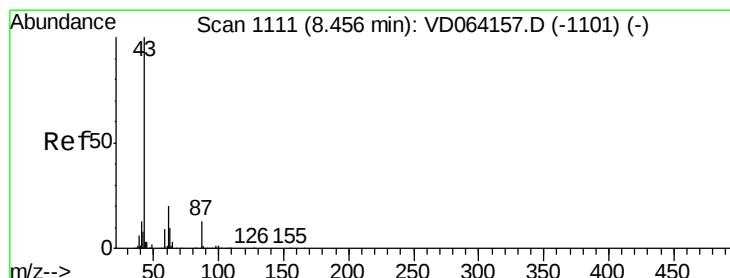
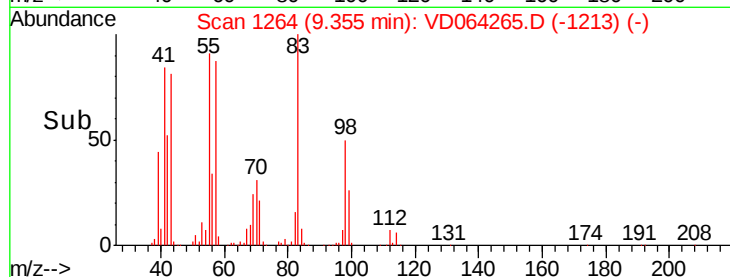
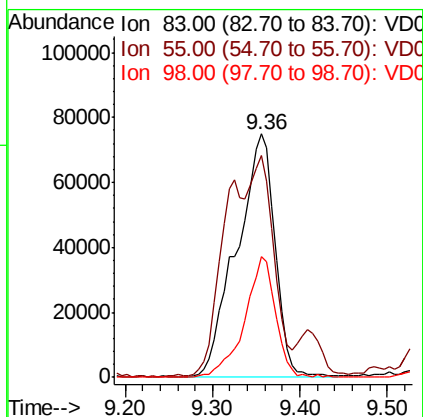
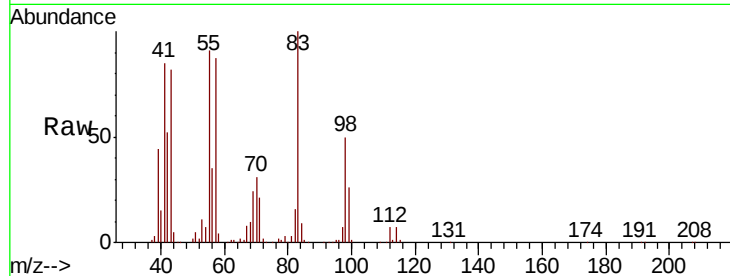




#39
Methvlcvclohexane
Concen: 14.064 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

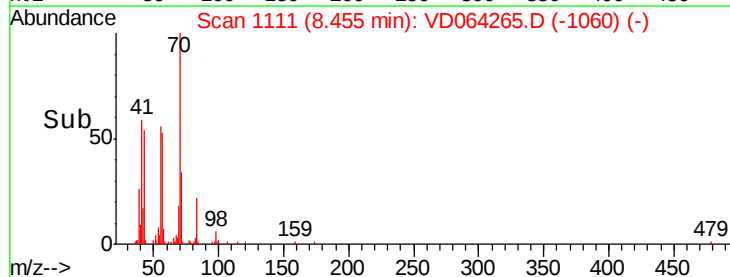
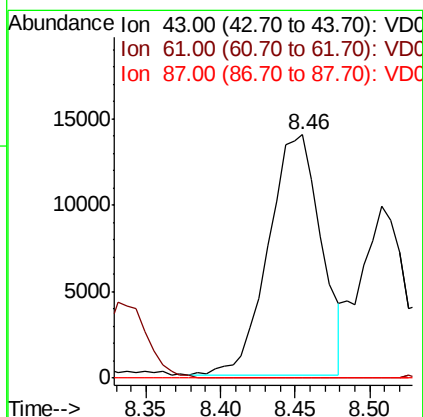
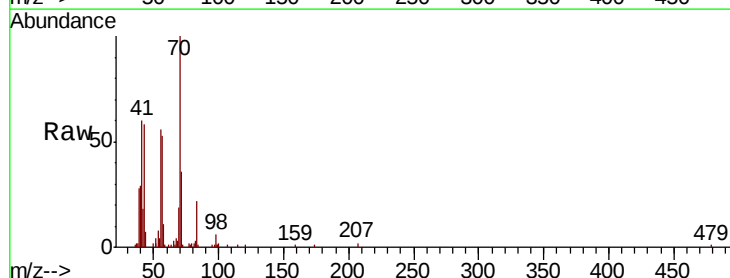
Instrument :
MSVOA_D
ClientSampleId :

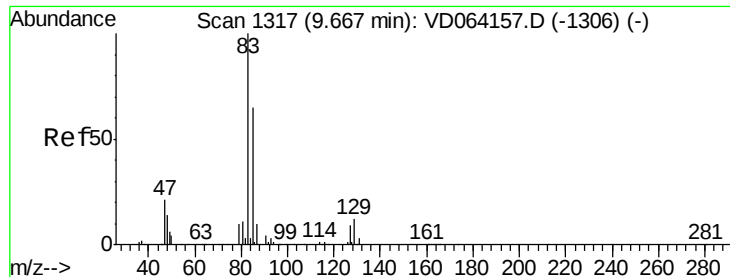
Tot Ion: 83 Resp: 224037
Ion Ratio Lower Upper
83 100
55 90.4 61.7 92.5
98 49.5 38.6 58.0



#43
Isopropyl Acetate
Concen: 3.126 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 43 Resp: 34181
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.2 15.2#





#47

Bromodichloromethane

Concen: 1.672 ug/l

RT: 9.64 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

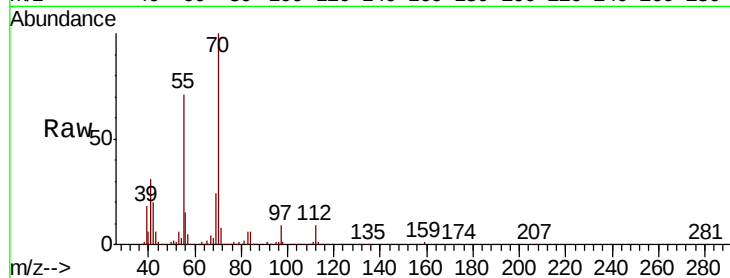
Tot Ion: 83 Resp: 20189

Ion Ratio Lower Upper

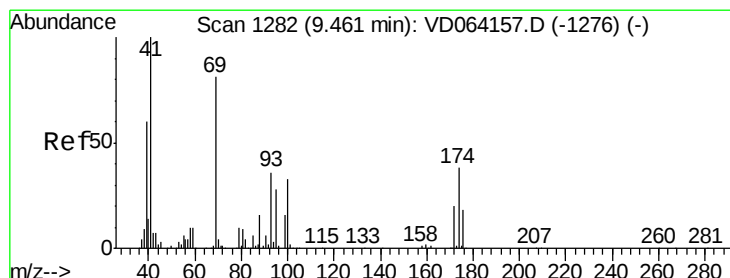
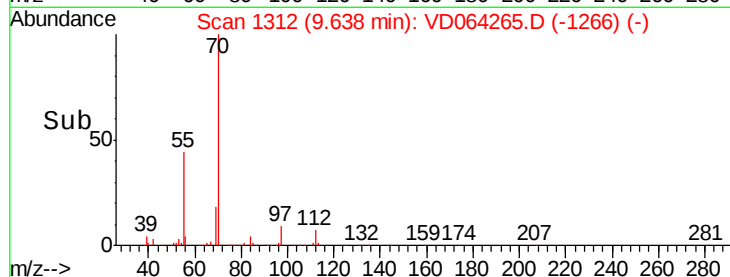
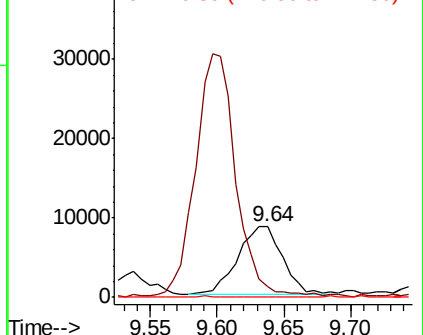
83 100

85 11.7 52.2 78.4#

127 0.0 7.5 11.3#



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: 3.878 ug/l

RT: 9.50 min Scan# 1288

Delta R.T. 0.03 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

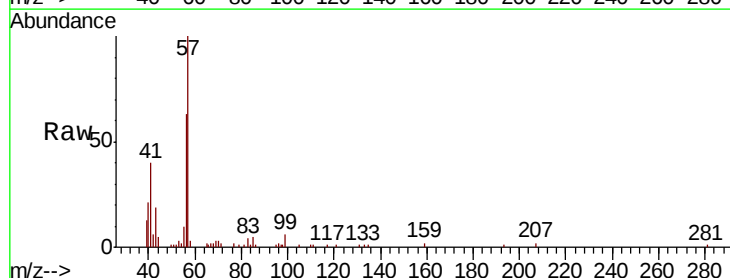
Tgt Ion: 41 Resp: 20734

Ion Ratio Lower Upper

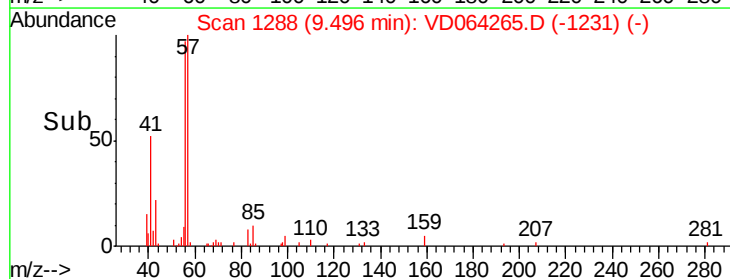
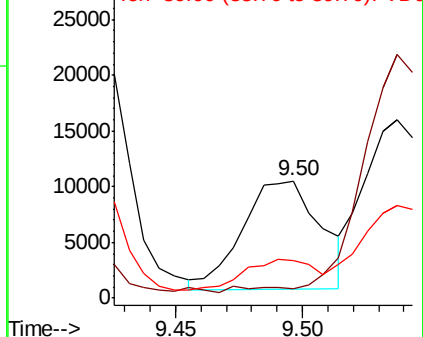
41 100

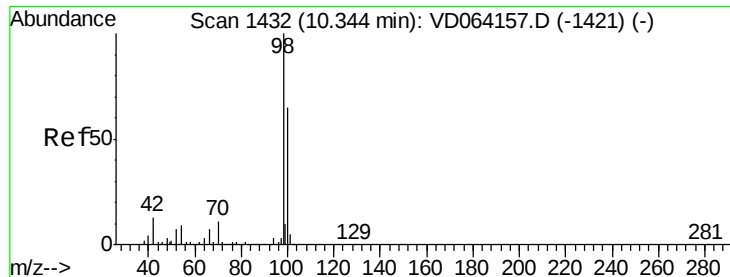
69 0.0 64.6 97.0#

39 30.0 48.2 72.2#



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

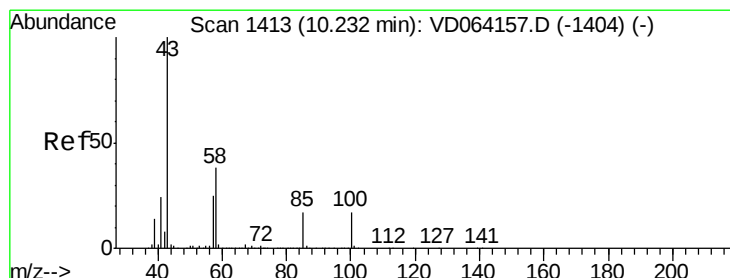
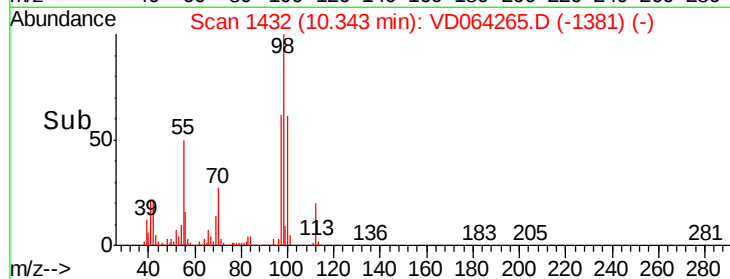
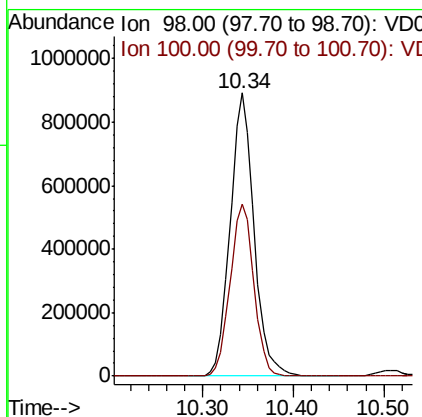
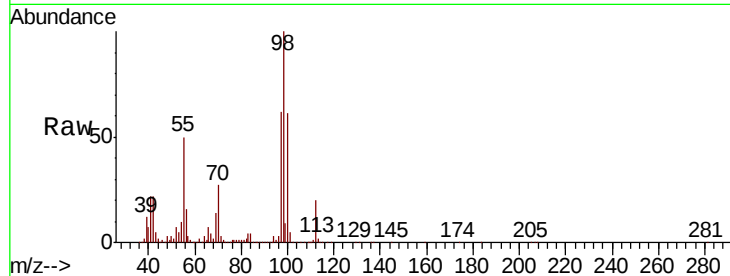




#50
Toluene-d8
Concen: 55.377 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

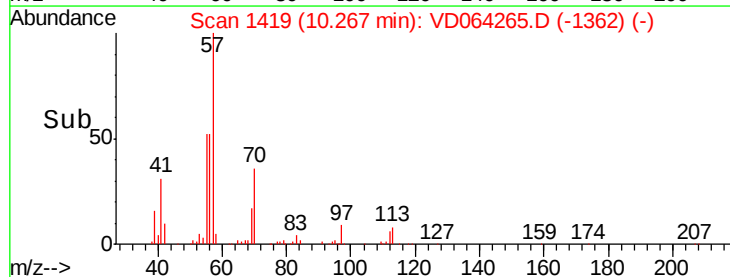
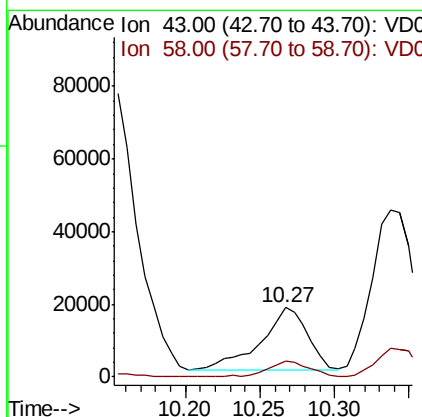
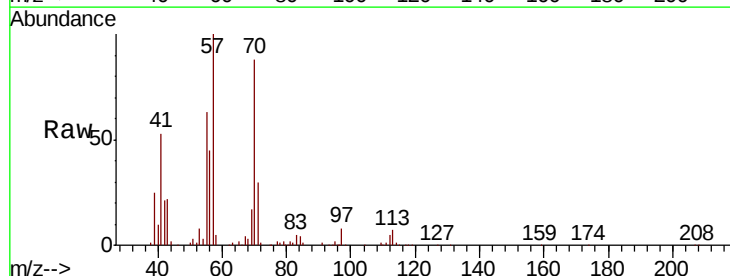
Instrument :
MSVOA_D
ClientSampled :

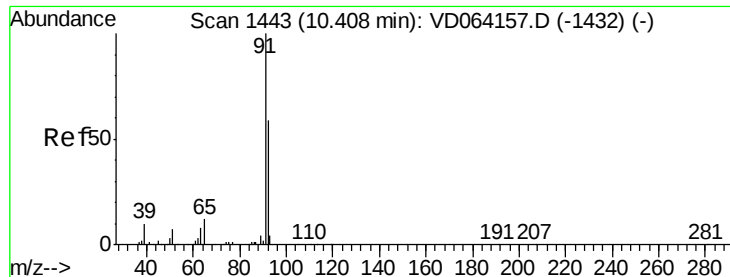
Tot Ion: 98 Resp: 1635773
Ion Ratio Lower Upper
98 100
100 60.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 7.242 ug/l
RT: 10.27 min Scan# 1419
Delta R.T. 0.03 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 43 Resp: 37978
Ion Ratio Lower Upper
43 100
58 23.3 30.2 45.4#





#52

Toluene

Concen: 4.091 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

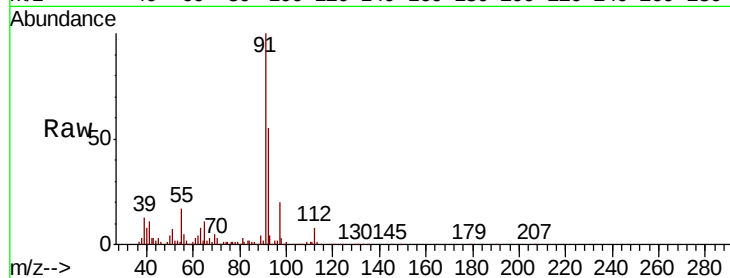
ClientSampled :

Tot Ion: 92 Resp: 92554

Ion Ratio Lower Upper

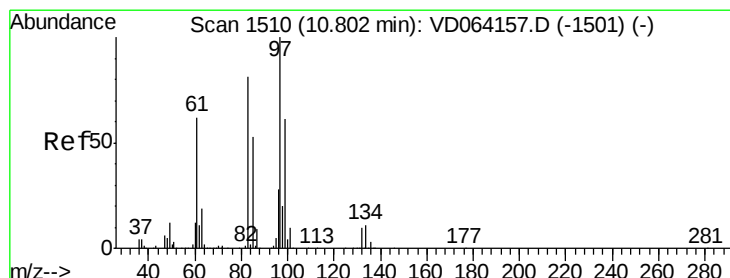
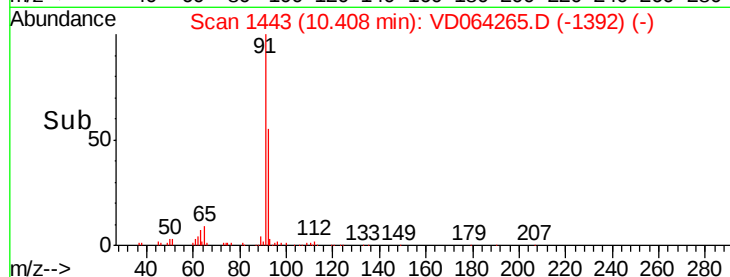
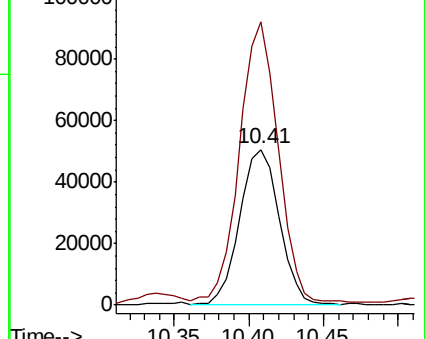
92 100

91 177.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 137.092 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Tgt Ion: 97 Resp: 833803

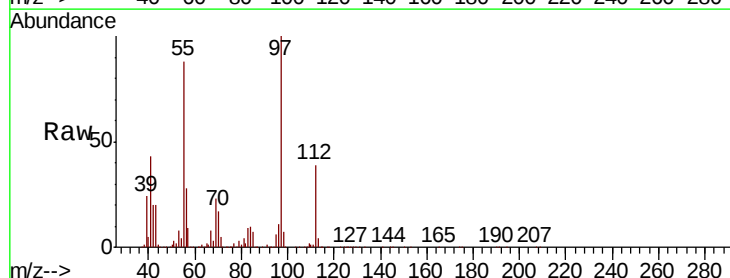
Ion Ratio Lower Upper

97 100

83 8.8 65.1 97.7#

85 7.2 42.0 63.0#

99 0.3 48.9 73.3#

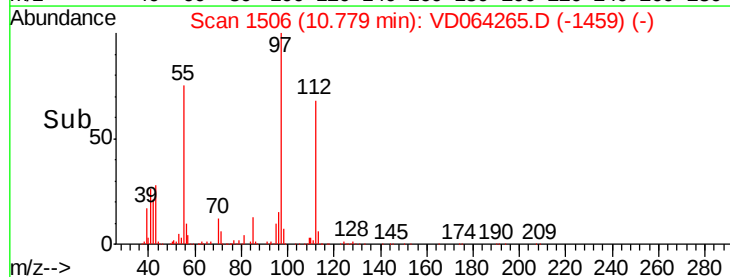
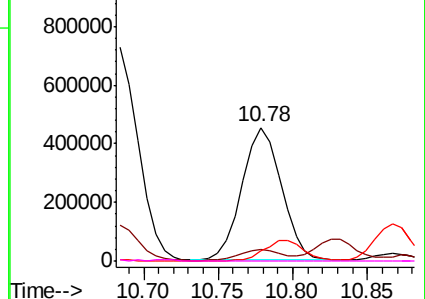


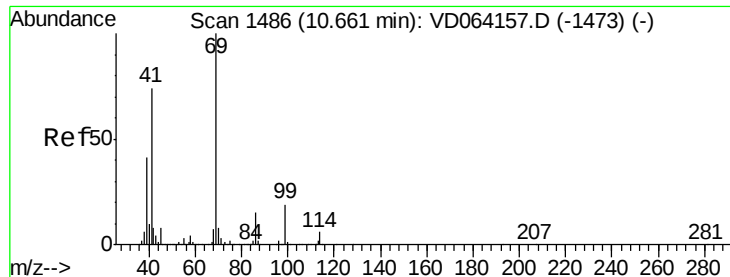
Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 26.957 ug/l

RT: 10.64 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

ClientSampled :

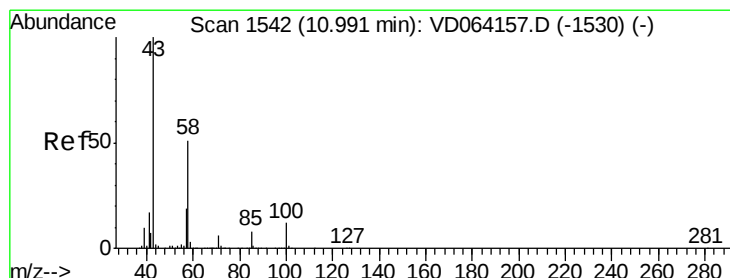
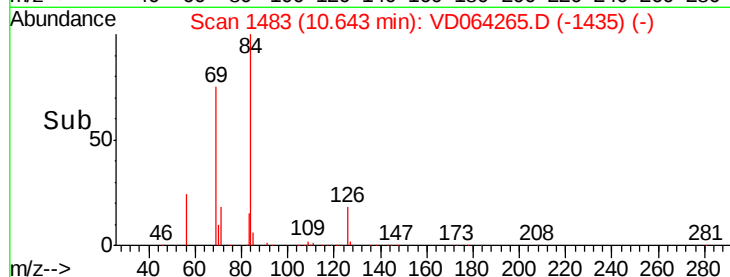
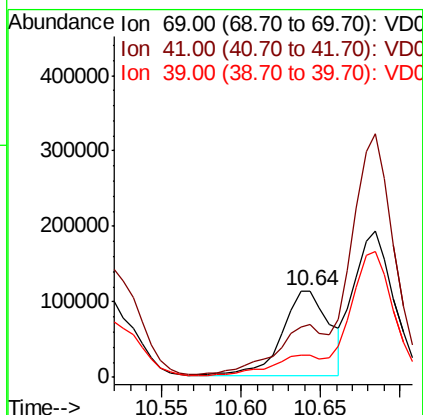
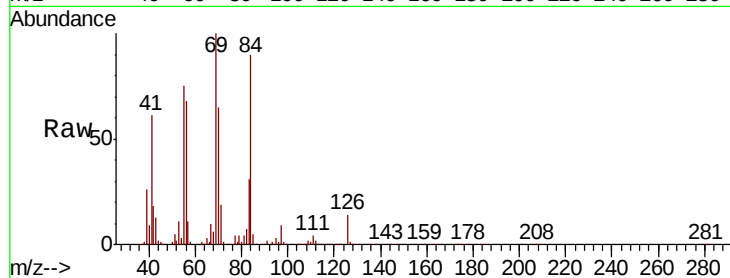
Tot Ion: 69 Resp: 229354

Ion Ratio Lower Upper

69 100

41 62.3 57.9 86.9

39 25.5 29.0 43.4#



#59

2-Hexanone

Concen: 415.937 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. -0.04 min

Lab File: VD064265.D

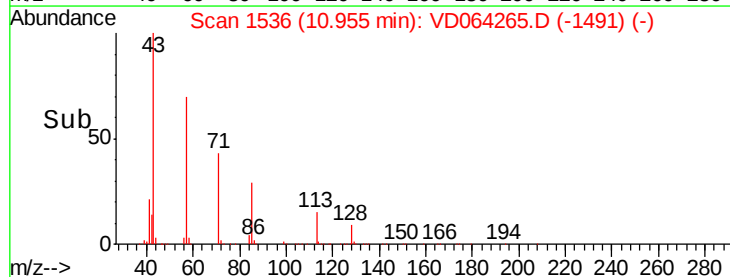
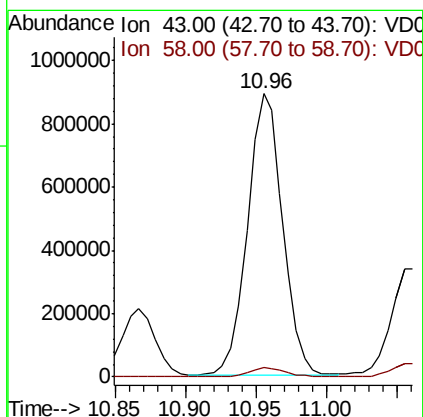
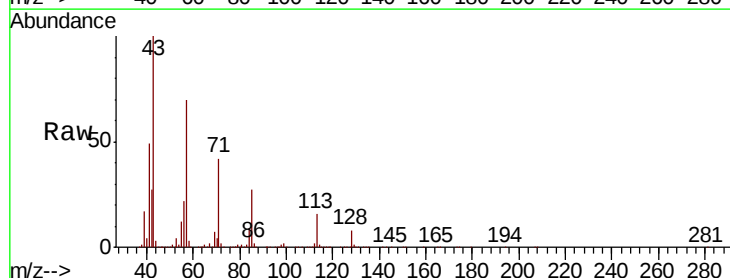
Acq: 18 Nov 2019 15:31

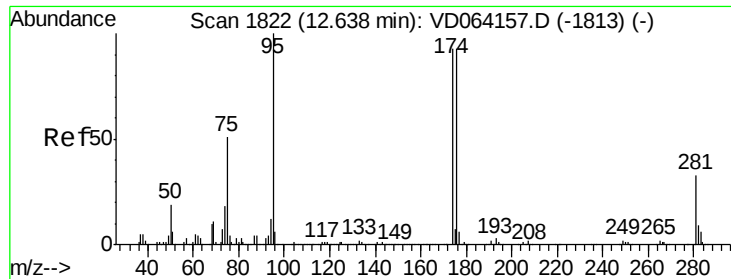
Tgt Ion: 43 Resp: 1551791

Ion Ratio Lower Upper

43 100

58 3.4 25.9 77.7#

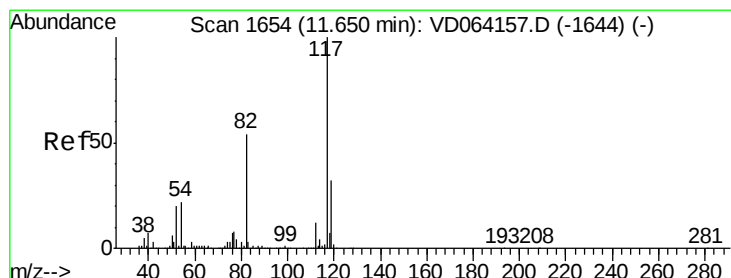
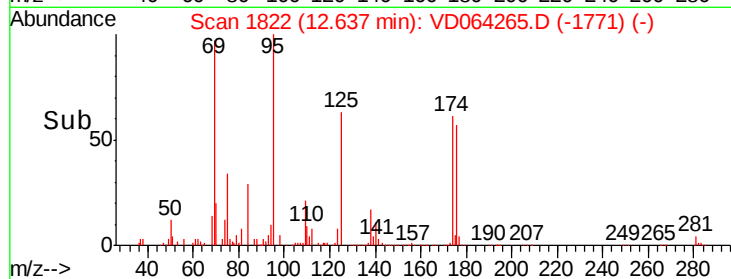
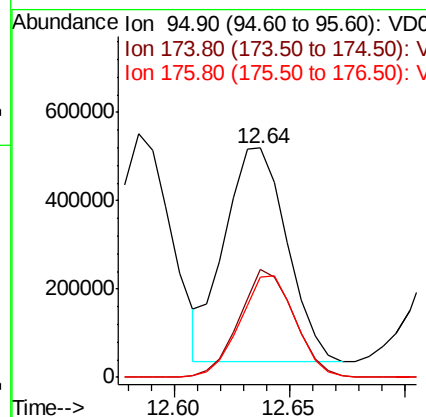
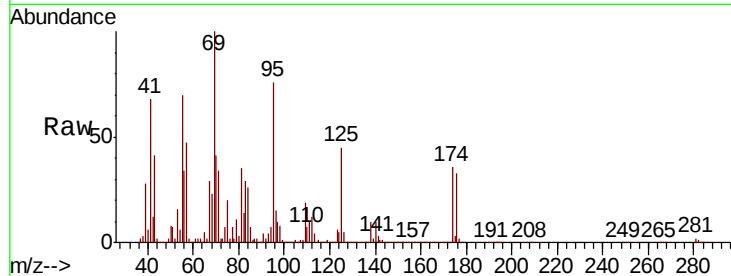




#62
4-Bromofluorobenzene
Concen: 89.061 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

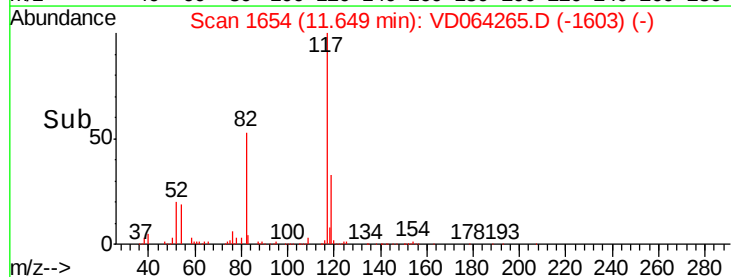
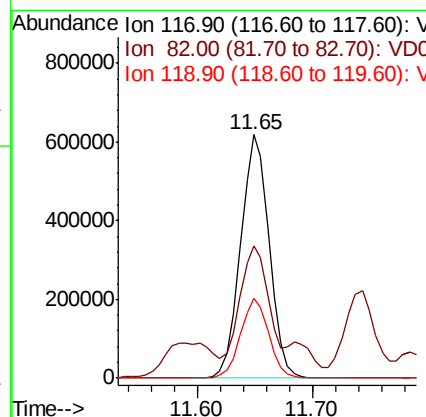
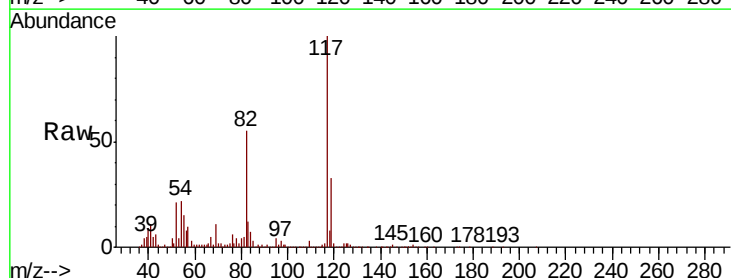
Instrument :
MSVOA_D
ClientSampled :

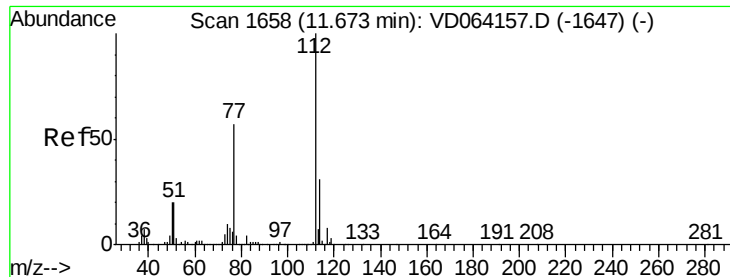
Tot Ion: 95 Resp: 911050
Ion Ratio Lower Upper
95 100
174 44.8 0.0 183.6
176 42.6 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 117 Resp: 1053472
Ion Ratio Lower Upper
117 100
82 40.9 42.8 64.2#
119 32.7 25.6 38.4

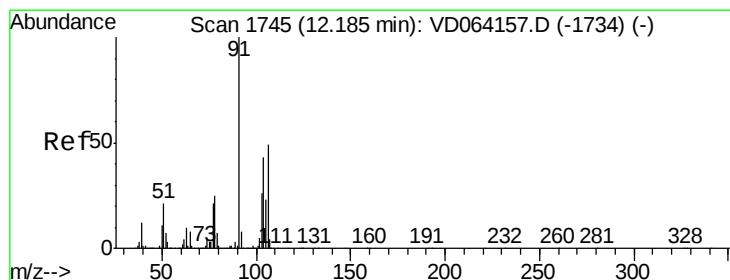
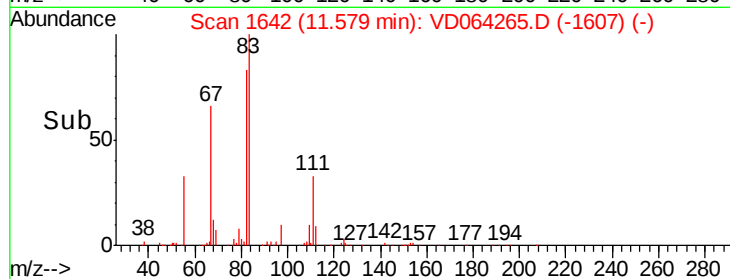
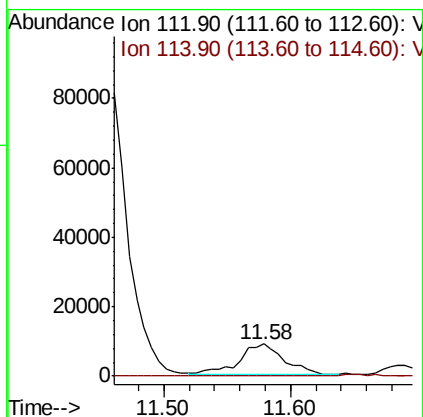
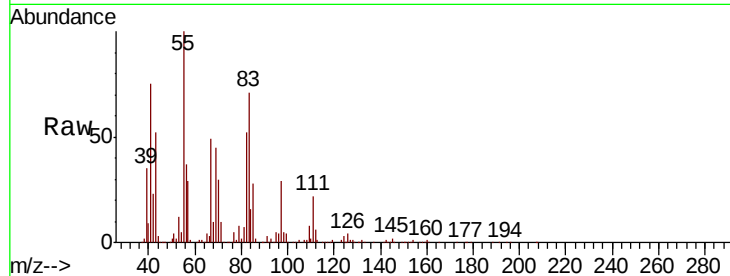




#65
Chlorobenzene
Concen: 1.036 ug/l
RT: 11.58 min Scan# 1642
Delta R.T. -0.09 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

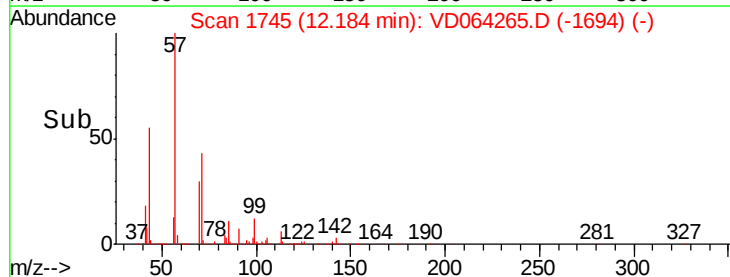
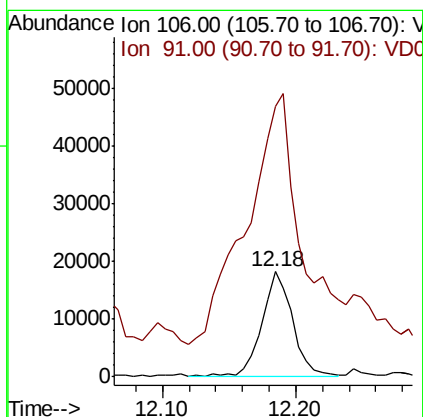
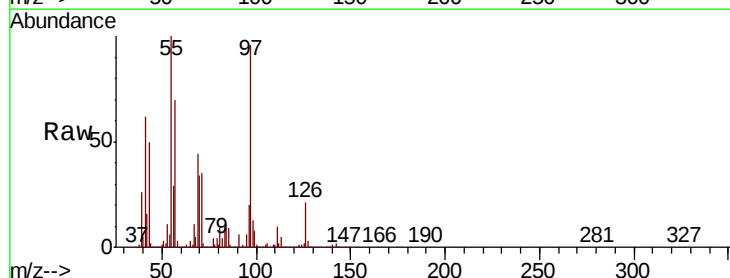
Instrument :
MSVOA_D
ClientSampleId :

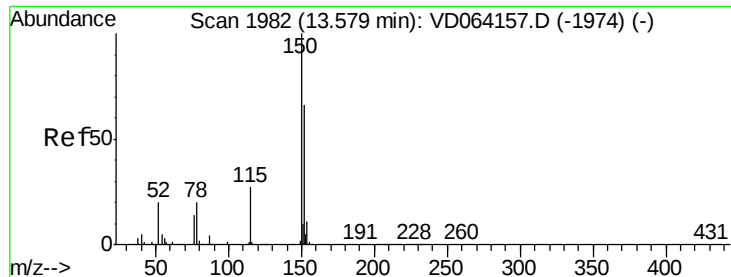
Tot Ion:112 Resp: 22194
Ion Ratio Lower Upper
112 100
114 0.0 25.2 37.8#



#69
o-Xylene
Concen: 2.150 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion:106 Resp: 29618
Ion Ratio Lower Upper
106 100
91 413.6 105.1 315.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

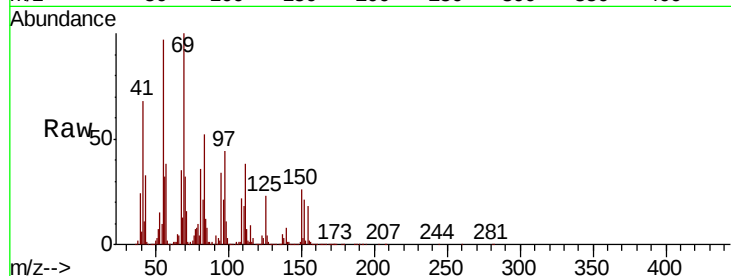
Tot Ion:152 Resp: 759796

Ion Ratio Lower Upper

152 100

115 30.4 27.4 82.2

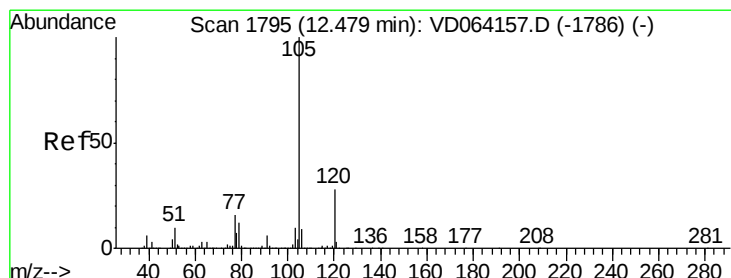
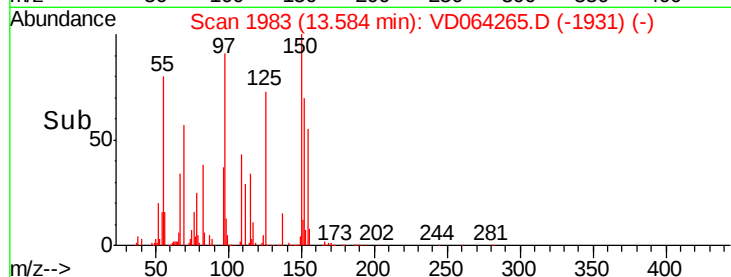
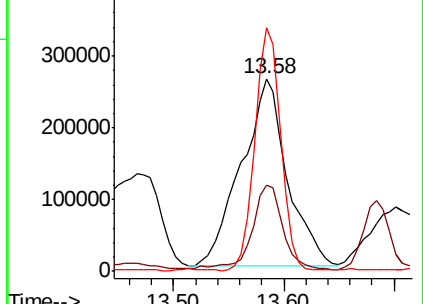
150 72.8 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 16.590 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064265.D

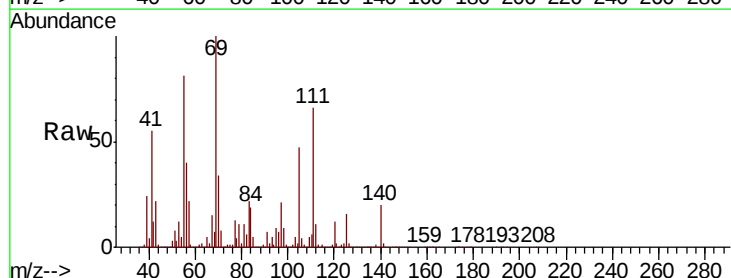
Acq: 18 Nov 2019 15:31

Tgt Ion:105 Resp: 925203

Ion Ratio Lower Upper

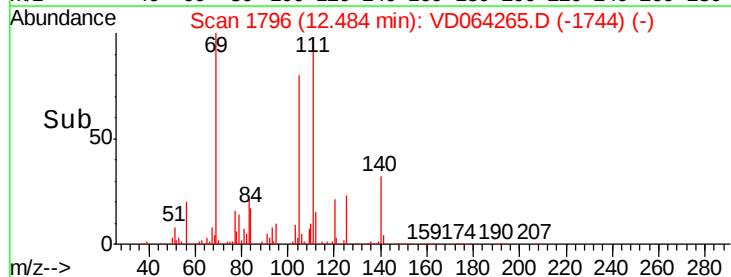
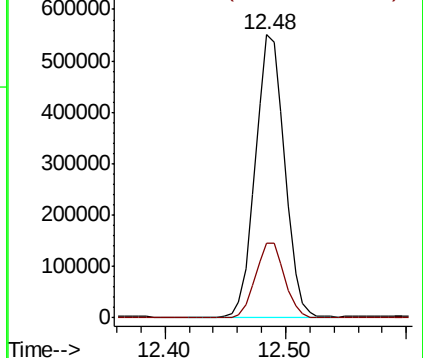
105 100

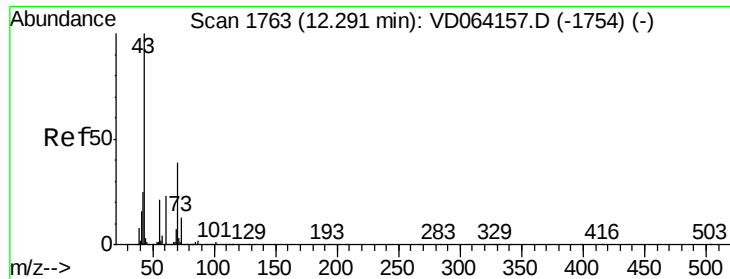
120 26.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

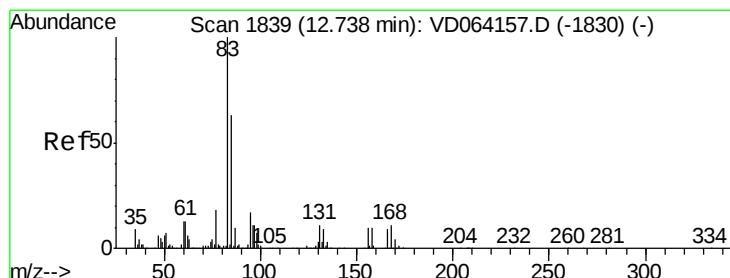
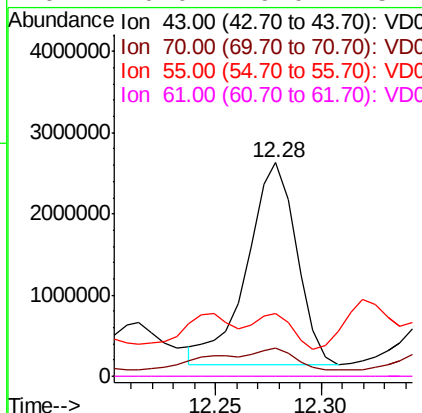
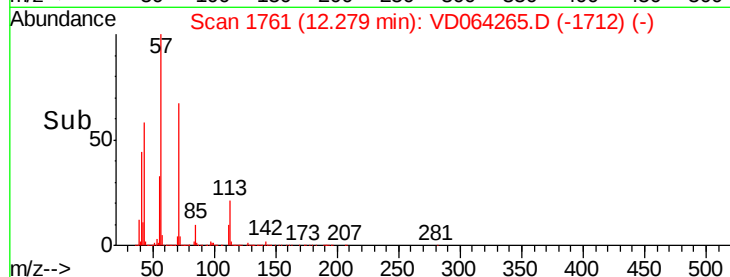
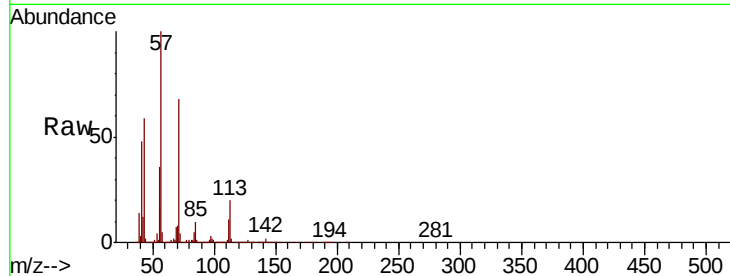




#74
N-amvl acetate
Concen: 309.177 ug/l
RT: 12.28 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

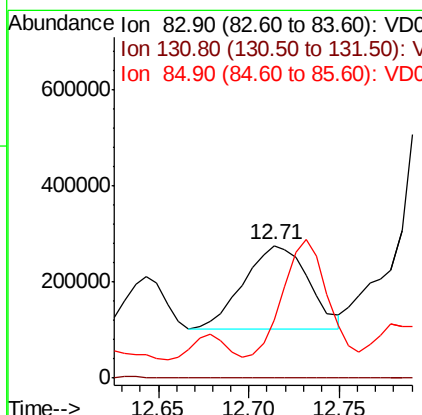
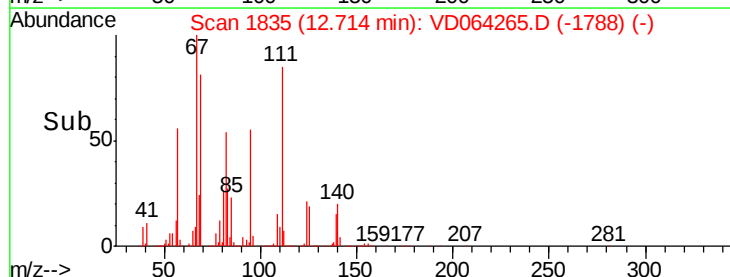
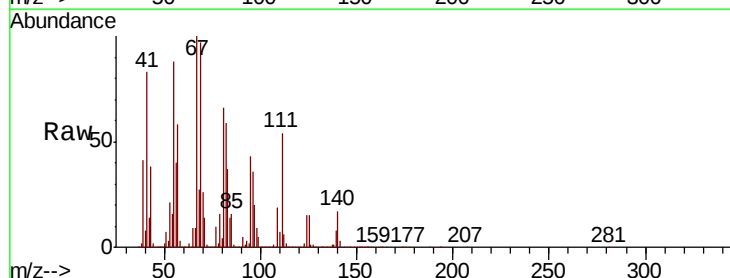
Instrument :
MSVOA_D
ClientSampleId :

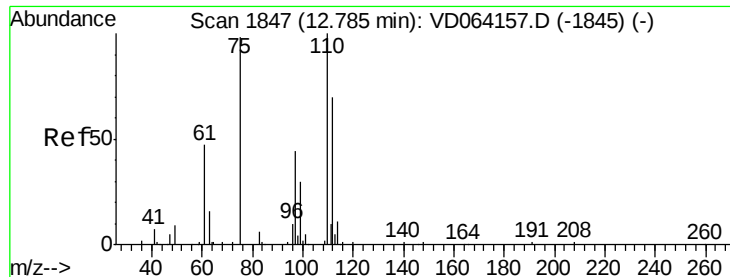
Tot Ion: 43 Resp: 4071744
Ion Ratio Lower Upper
43 100
70 9.1 32.4 48.6#
55 11.4 17.9 26.9#
61 0.0 19.0 28.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 51.242 ug/l
RT: 12.71 min Scan# 1835
Delta R.T. -0.02 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 83 Resp: 430604
Ion Ratio Lower Upper
83 100
131 0.1 5.9 17.7#
85 96.6 32.5 97.5

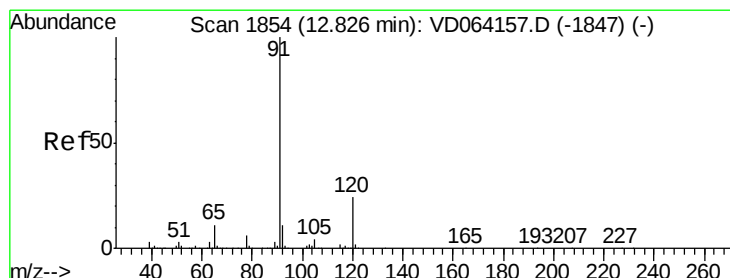
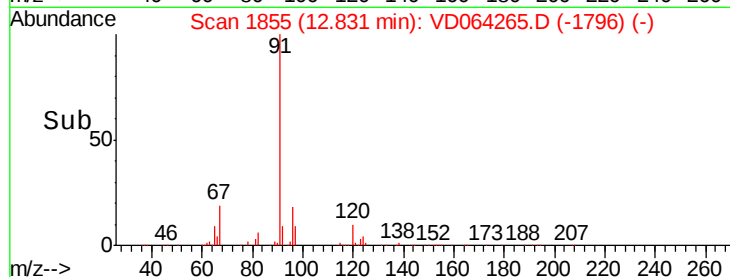
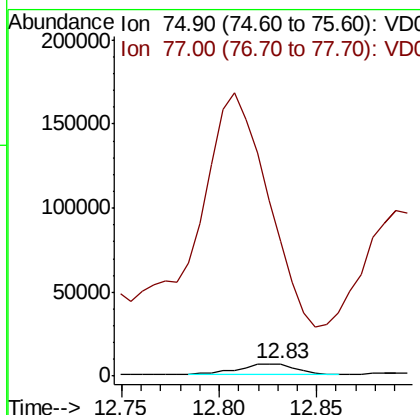
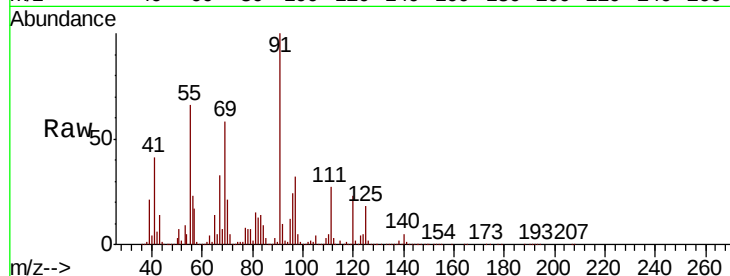




#76
 1,2,3-Trichloropropane
 Concen: 2.115 ug/l
 RT: 12.83 min Scan# 1855
 Delta R.T. 0.05 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

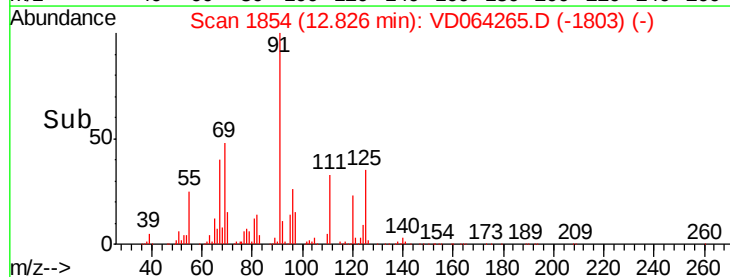
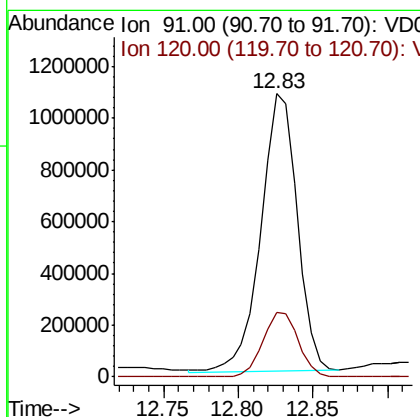
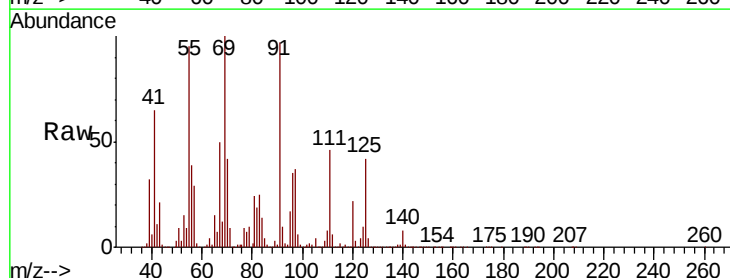
Instrument :
 MSVOA_D
 ClientSampled :

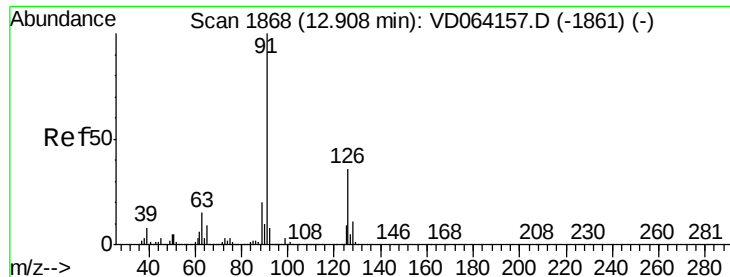
Tot Ion: 75 Resp: 12945
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#78
 n-propylbenzene
 Concen: 28.419 ug/l
 RT: 12.83 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

Tgt Ion: 91 Resp: 1810782
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.337 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.08 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

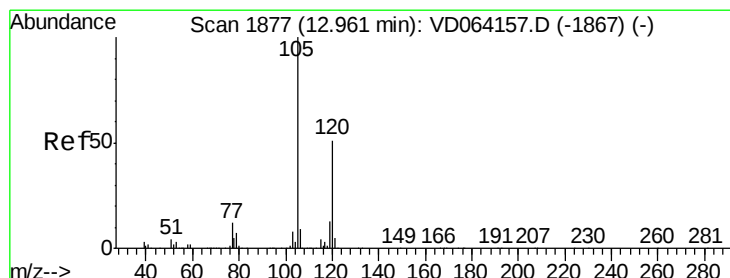
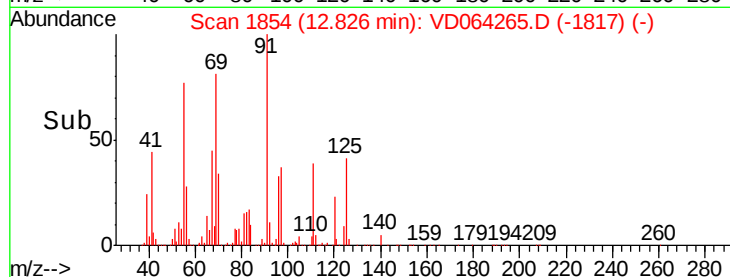
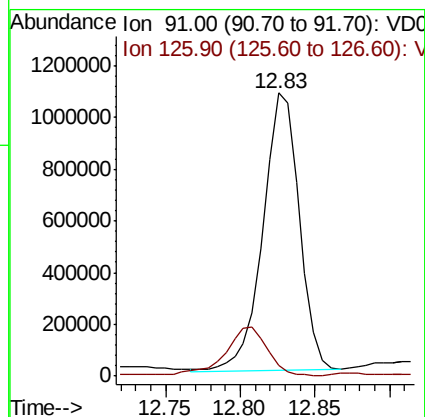
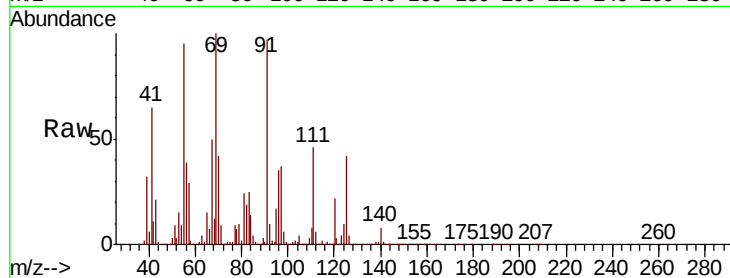
ClientSampleId :

Tot Ion: 91 Resp: 1810782

Ion Ratio Lower Upper

91 100

126 20.1 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 7.194 ug/l

RT: 13.13 min Scan# 1906

Delta R.T. 0.17 min

Lab File: VD064265.D

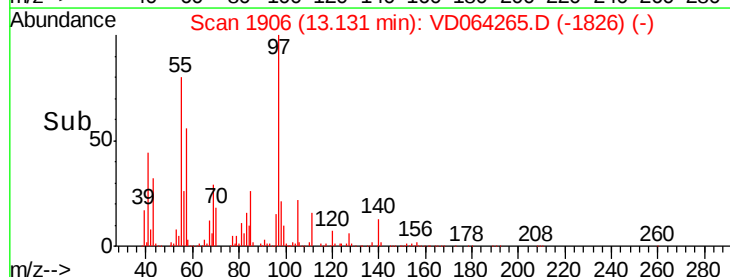
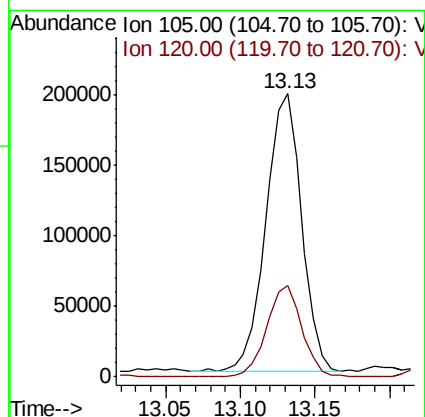
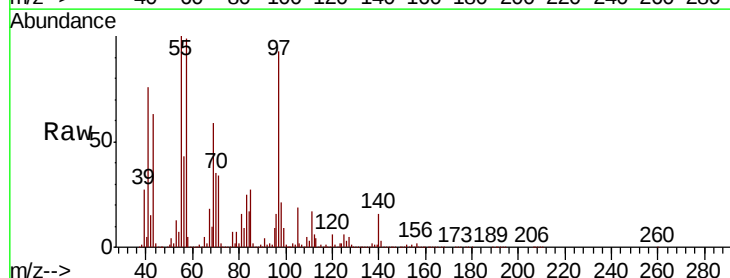
Acq: 18 Nov 2019 15:31

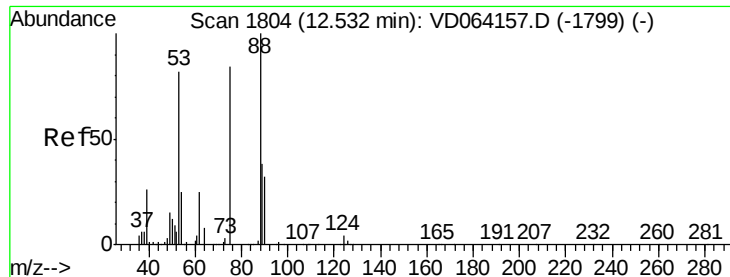
Tgt Ion:105 Resp: 329666

Ion Ratio Lower Upper

105 100

120 31.7 25.4 76.4

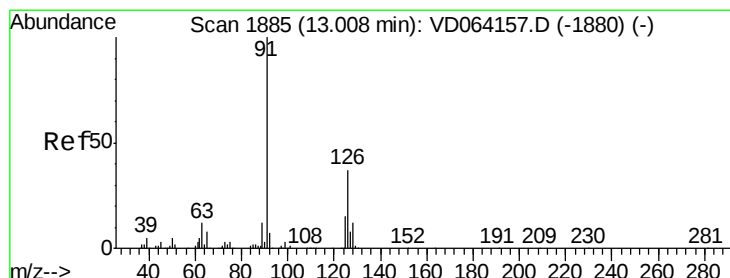
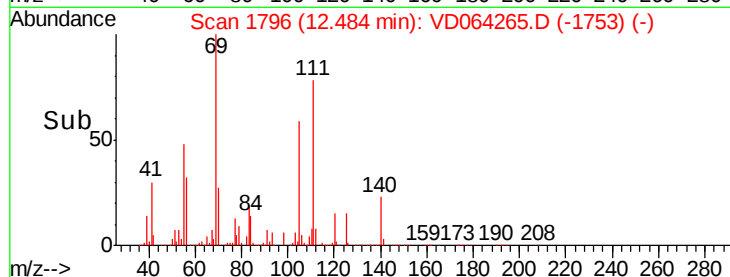
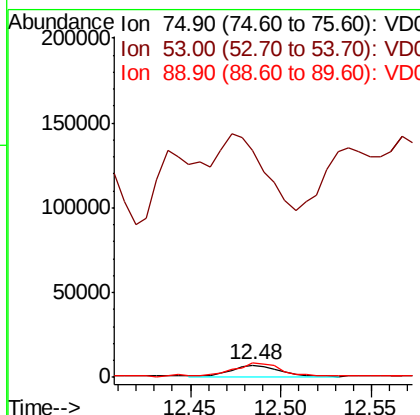
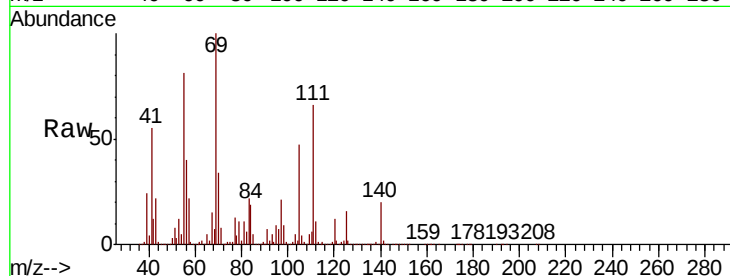




#81
trans-1,4-Dichloro-2-butene
Concen: 3.929 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.05 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

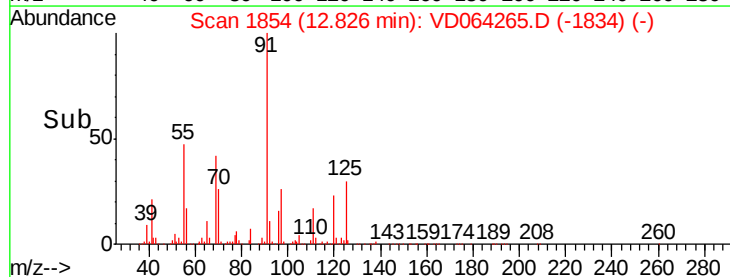
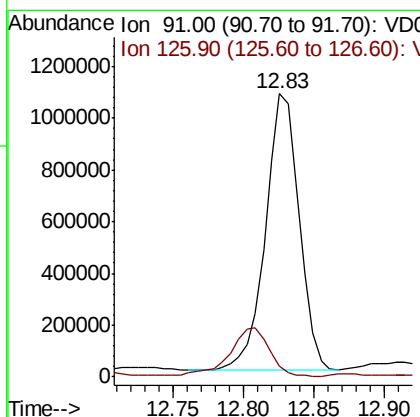
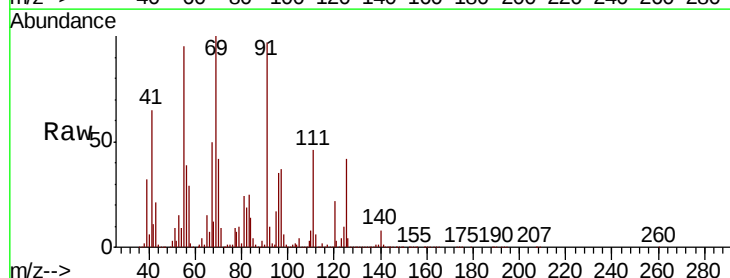
Instrument :
MSVOA_D
ClientSampleId :

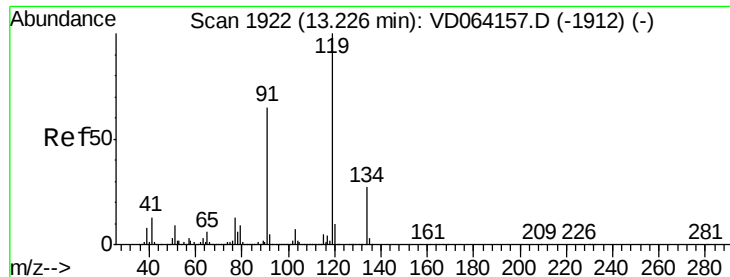
Tot Ion: 75 Resp: 12105
Ion Ratio Lower Upper
75 100
53 0.0 79.4 119.0#
89 108.4 36.6 55.0#



#82
4-Chlorotoluene
Concen: 47.830 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.18 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 91 Resp: 1794632
Ion Ratio Lower Upper
91 100
126 20.2 17.8 53.4

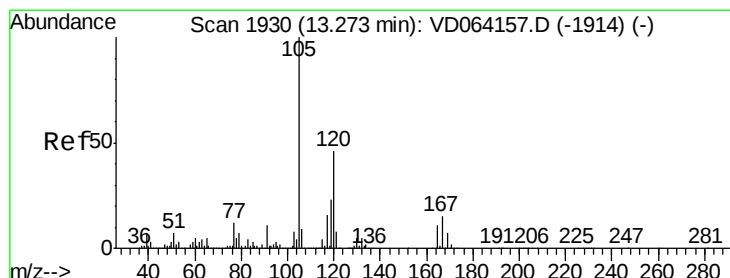
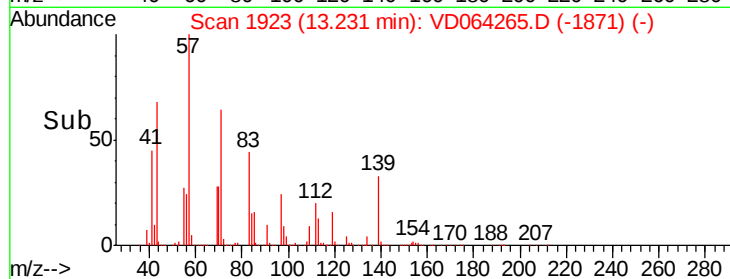
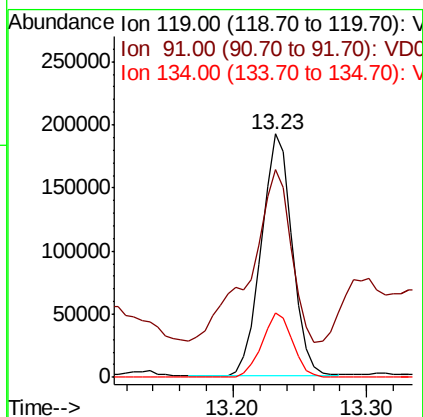
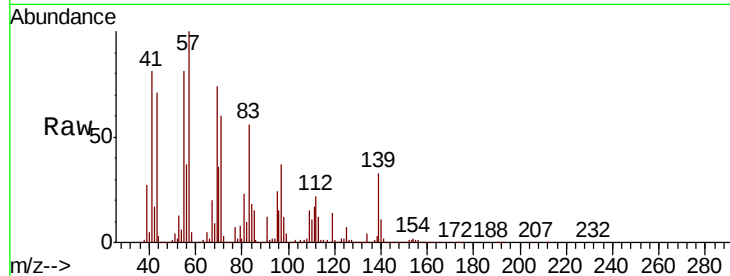




#83
tert-Butylbenzene
Concen: 7.621 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

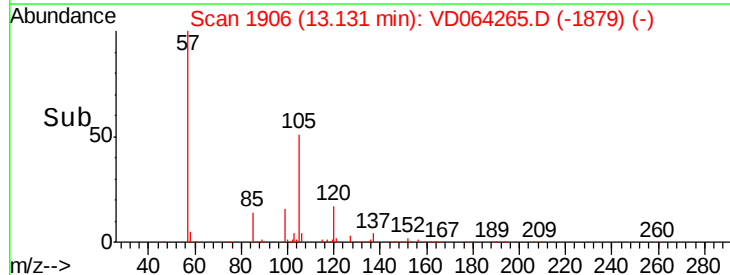
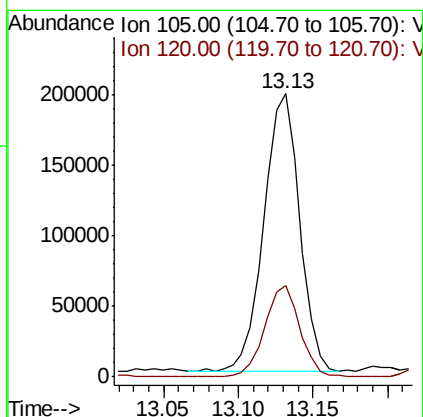
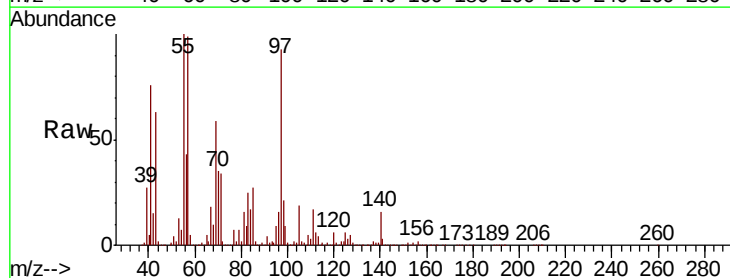
Instrument :
MSVOA_D
ClientSampled :

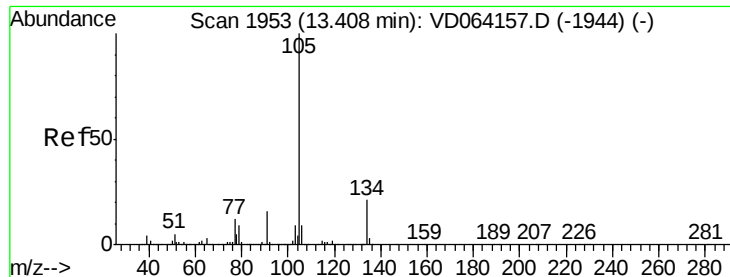
Tot Ion:119 Resp: 307966
Ion Ratio Lower Upper
119 100
91 93.4 31.8 95.4
134 26.1 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 7.287 ug/l
RT: 13.13 min Scan# 1906
Delta R.T. -0.14 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion:105 Resp: 329666
Ion Ratio Lower Upper
105 100
120 31.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 68.933 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

Instrument :

MSVOA_D

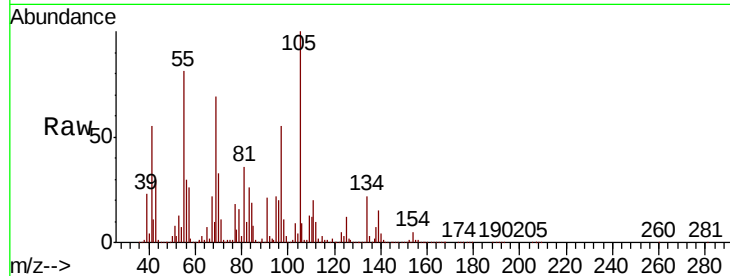
ClientSampled :

Tot Ion:105 Resp: 3741072

Ion Ratio Lower Upper

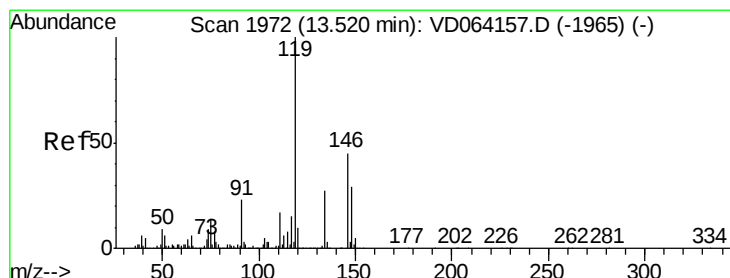
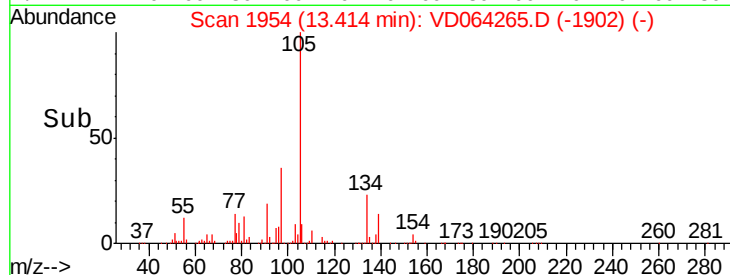
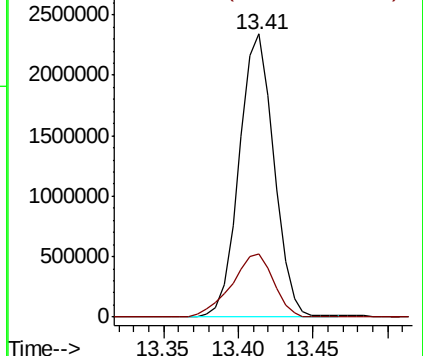
105 100

134 27.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 34.013 ug/l

RT: 13.68 min Scan# 2000

Delta R.T. 0.16 min

Lab File: VD064265.D

Acq: 18 Nov 2019 15:31

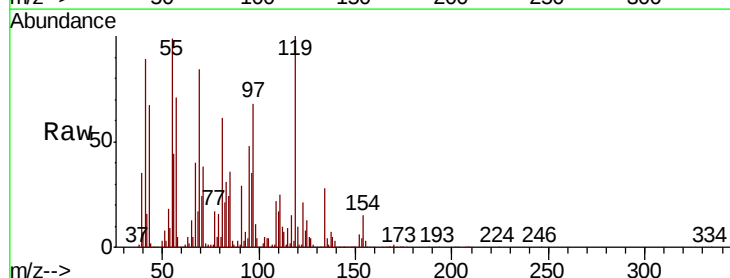
Tgt Ion:119 Resp: 1754943

Ion Ratio Lower Upper

119 100

134 28.4 13.5 40.5

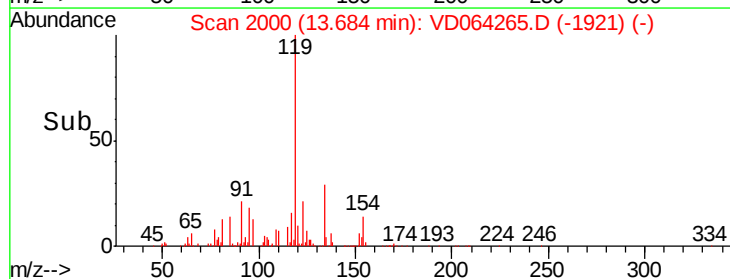
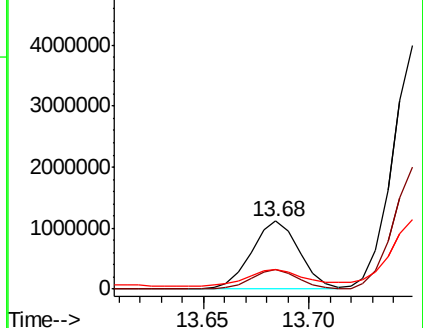
91 30.7 11.5 34.4

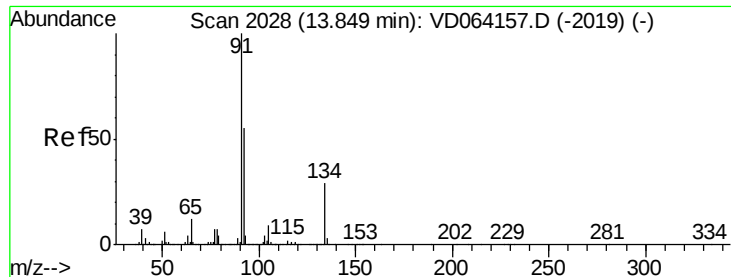


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

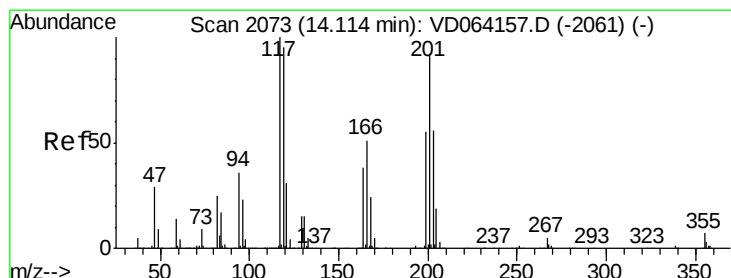
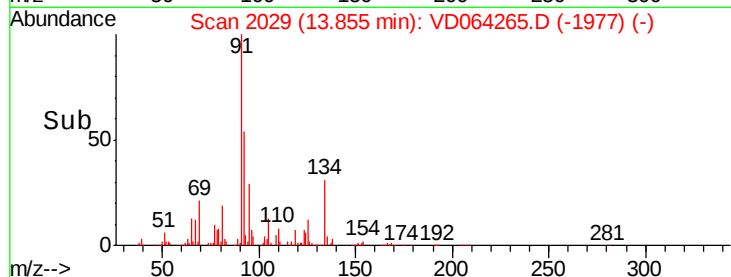
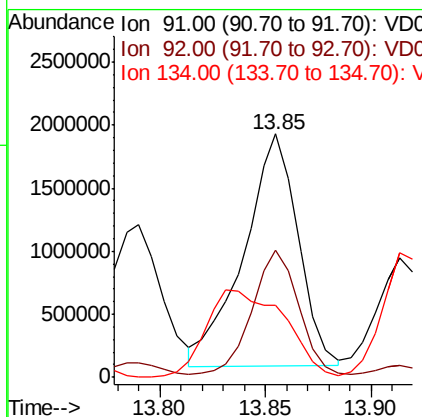
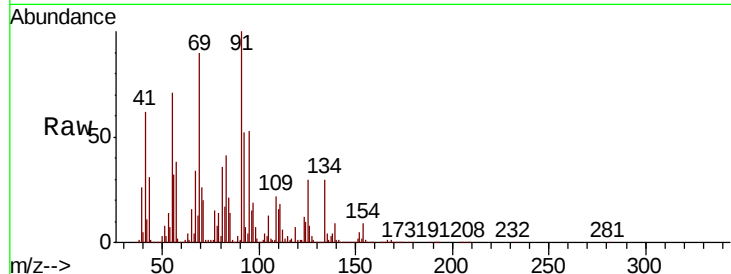




#89
n-Butylbenzene
Concen: 70.211 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

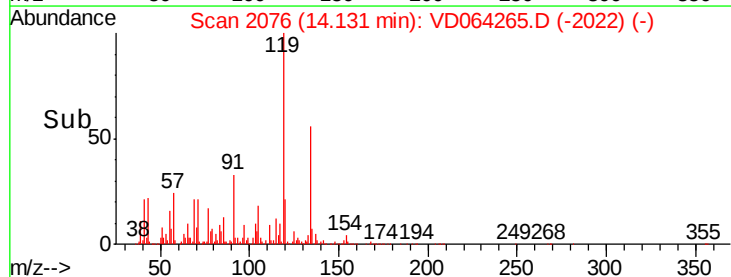
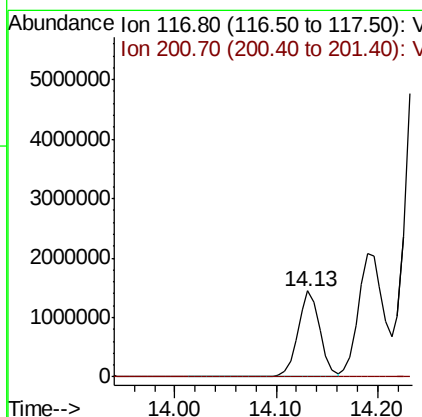
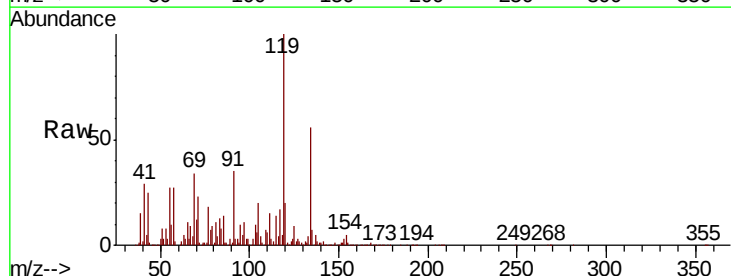
Instrument :
MSVOA_D
ClientSampled :

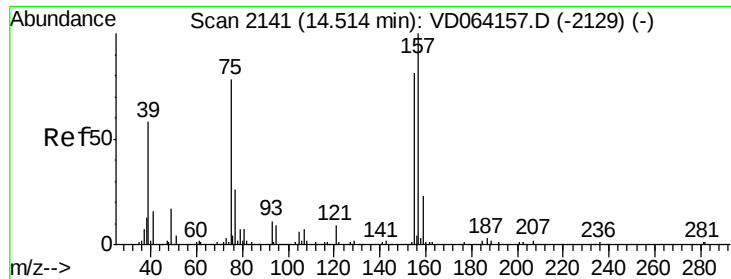
Tot Ion: 91 Resp: 3272800
Ion Ratio Lower Upper
91 100
92 47.4 27.3 81.8
134 0.0 14.1 42.4#



#90
Hexachloroethane
Concen: 229.036 ug/l
RT: 14.13 min Scan# 2076
Delta R.T. 0.02 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion: 117 Resp: 2183938
Ion Ratio Lower Upper
117 100
201 0.0 45.8 137.4#

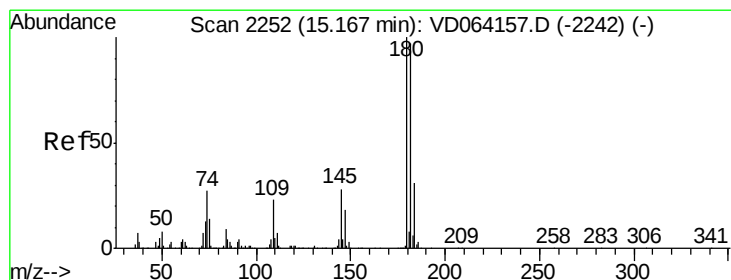
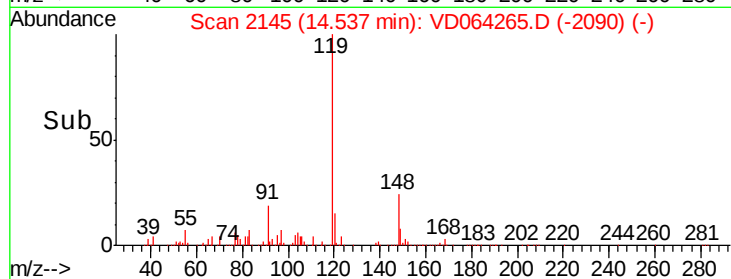
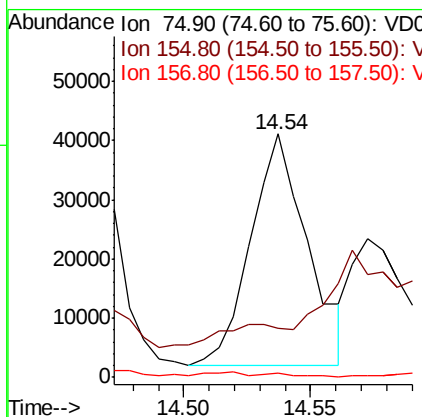
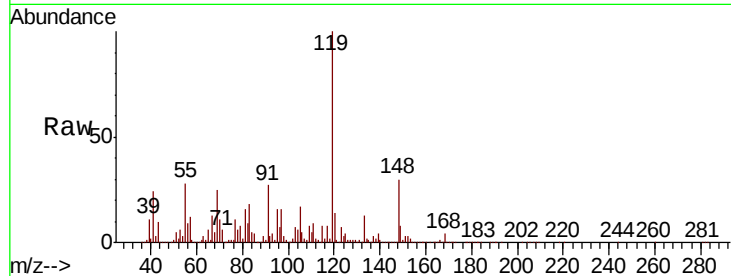




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.455 ug/l
 RT: 14.54 min Scan# 2145
 Delta R.T. 0.02 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

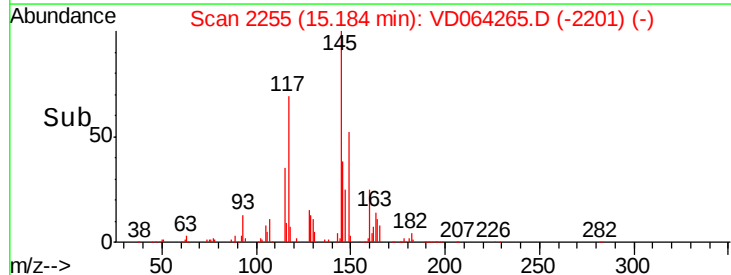
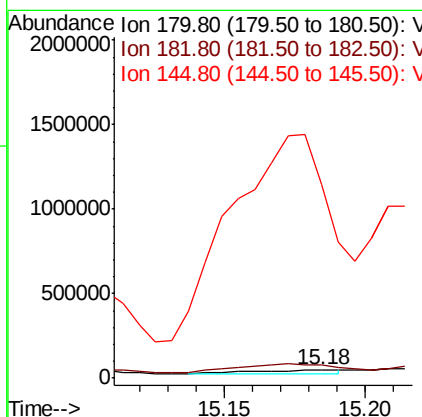
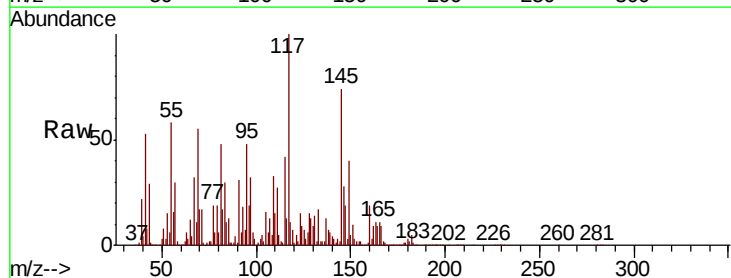
Instrument :
 MSVOA_D
 ClientSampleId :

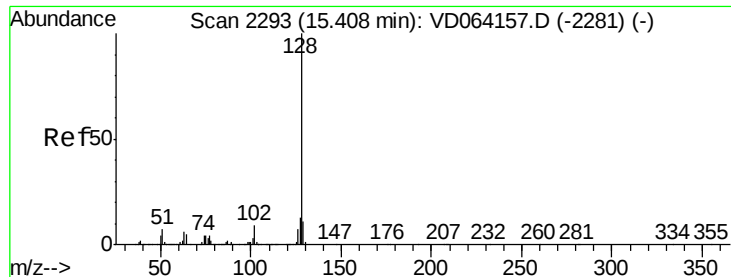
Tot Ion: 75 Resp: 60782
 Ion Ratio Lower Upper
 75 100
 155 10.7 48.0 144.0#
 157 2.6 61.5 184.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.449 ug/l
 RT: 15.18 min Scan# 2255
 Delta R.T. 0.02 min
 Lab File: VD064265.D
 Acq: 18 Nov 2019 15:31

Tgt Ion:180 Resp: 40214
 Ion Ratio Lower Upper
 180 100
 182 353.0 47.5 142.5#
 145 9762.3 14.2 42.6#

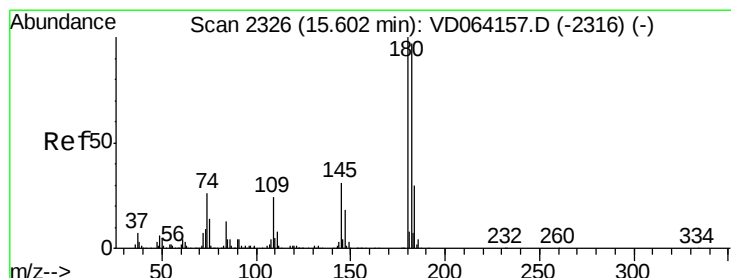
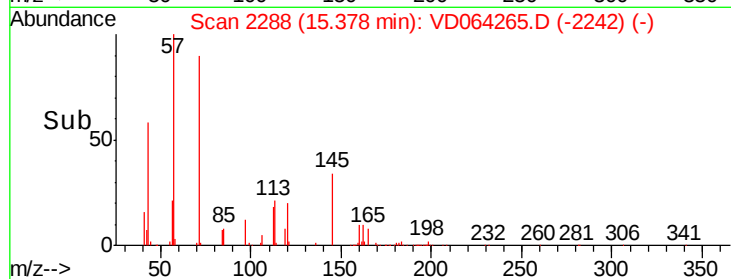
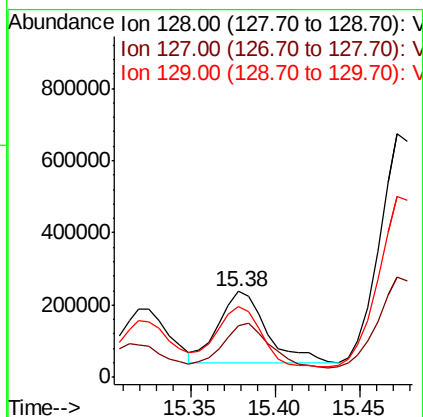
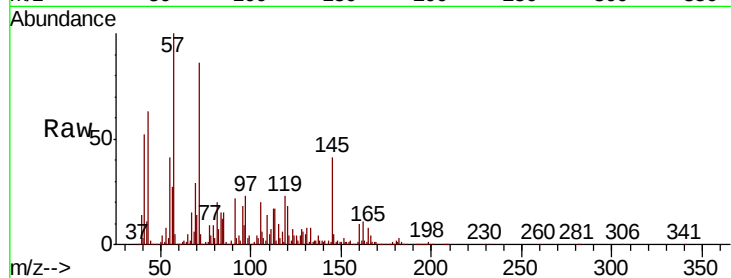




#95
Naphthalene
Concen: 14.204 ug/l
RT: 15.38 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 382347
Ion Ratio Lower Upper
128 100
127 62.7 10.5 15.7#
129 82.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 10.262 ug/l
RT: 15.57 min Scan# 2321
Delta R.T. -0.03 min
Lab File: VD064265.D
Acq: 18 Nov 2019 15:31

Tgt Ion:180 Resp: 143250
Ion Ratio Lower Upper
180 100
182 20.5 48.3 144.9#
145 1336.9 15.3 45.8#

