

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064261.D
 Acq On : 18 Nov 2019 13:36
 Operator : VA/SY
 Sample : K5893-01
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:37:16 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	370708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	483923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233542	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	205372	67.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.72%	
35) Dibromofluoromethane	7.92	113	174498	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
50) Toluene-d8	10.34	98	631537	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.64	95	216215	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
10) Methyl Iodide	4.31	142	584	2.182	ug/l #	66
11) Tert butyl alcohol	5.26	59	605	2.841	ug/l #	69
16) Acetone	4.17	43	1834	2.539	ug/l #	74
25) 2-Butanone	7.22	43	1648	1.766	ug/l #	49
31) Cyclohexane	7.96	56	41177	6.881	ug/l #	41
36) 1,1-Dichloropropene	7.98	75	24920	4.954	ug/l #	51
38) Carbon Tetrachloride	7.99	117	32697	6.075	ug/l #	15
39) Methylcyclohexane	9.36	83	55306	8.689	ug/l #	65
43) Isopropyl Acetate	8.51	43	272292	62.322	ug/l #	53
48) Methyl methacrylate	9.49	41	15211	7.120	ug/l #	34
51) 4-Methyl-2-Pentanone	10.27	43	41251	19.688	ug/l #	83
52) Toluene	10.41	92	177580	19.645	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	34806	14.323	ug/l #	32
58) 2-Chloroethyl Vinyl ether	9.91	63	1803	1.309	ug/l #	45
59) 2-Hexanone	10.96	43	31991	21.462	ug/l #	33
67) Ethyl Benzene	11.75	91	71611	4.023	ug/l	95
68) m/p-Xylenes	11.86	106	47307	6.934	ug/l	96
69) o-Xylene	12.19	106	21746	3.437	ug/l	92
73) Isopropylbenzene	12.48	105	67069	3.913	ug/l	99
74) N-amyl acetate	12.27	43	26104	6.449	ug/l #	63
76) 1,2,3-Trichloropropane	12.64	75	111709	59.385	ug/l #	100
78) n-propylbenzene	12.83	91	287695	14.690	ug/l	99
79) 2-Chlorotoluene	12.83	91	287695	26.019	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	70675	5.018	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.64	75	111709	117.961	ug/l #	13
82) 4-Chlorotoluene	12.83	91	287695	24.946	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.28	105	117540	8.452	ug/l	98
85) sec-Butylbenzene	13.41	105	59274	3.553	ug/l #	49
86) p-Isopropyltoluene	13.53	119	18387	1.159	ug/l	96
89) n-Butylbenzene	13.86	91	131986	9.212	ug/l #	71
90) Hexachloroethane	14.13	117	70109	23.920	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.53	75	1004	2.174	ug/l #	5
95) Naphthalene	15.41	128	71583	8.652	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

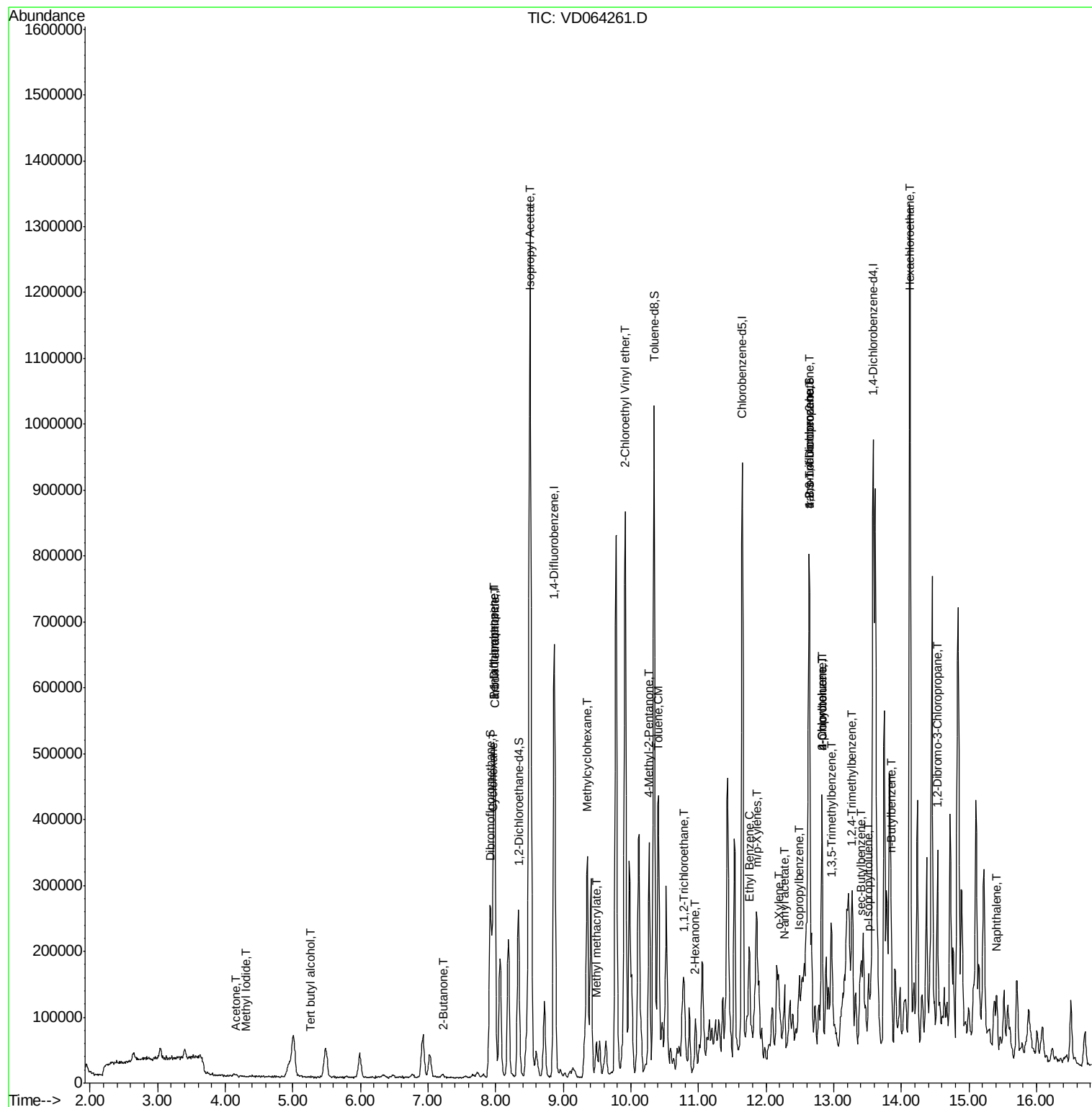
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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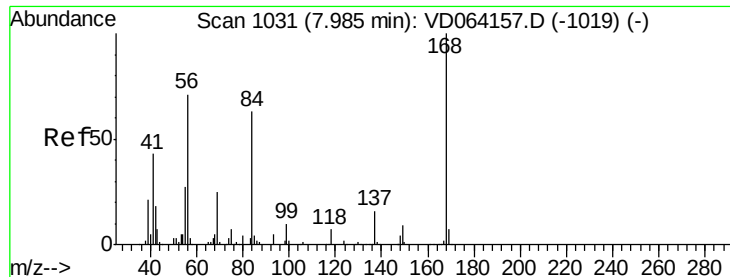
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

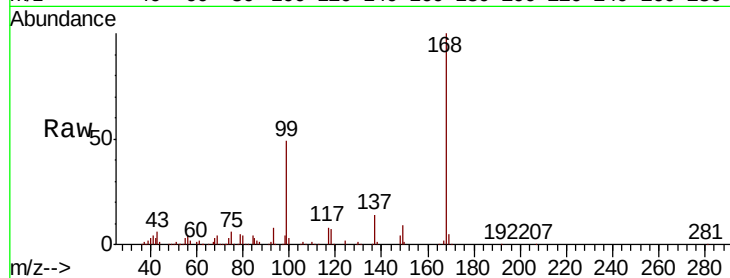
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 370708

Ion Ratio Lower Upper

168 100

99 49.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

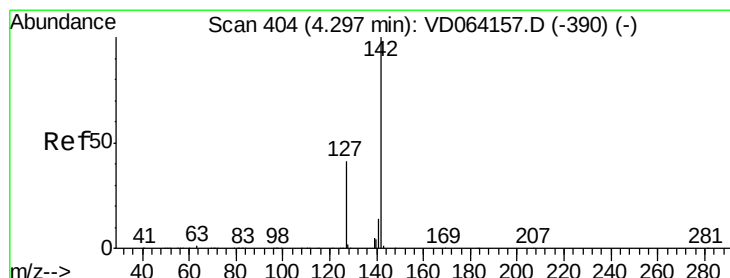
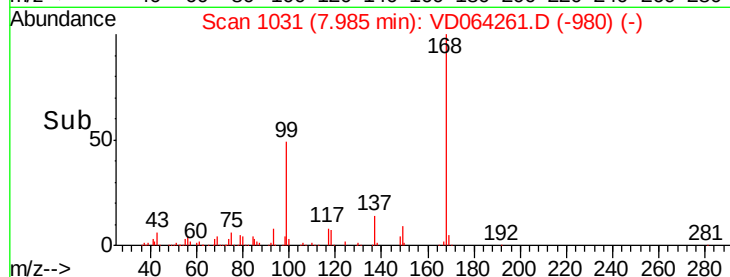
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 2.182 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

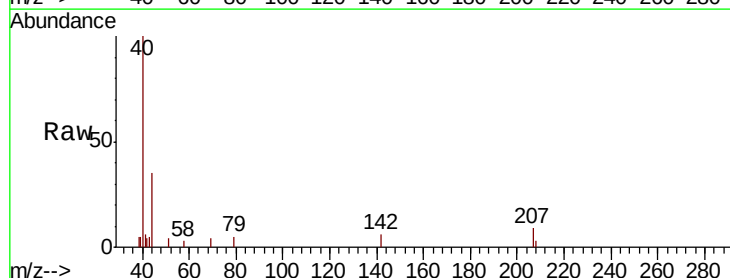
Tgt Ion:142 Resp: 584

Ion Ratio Lower Upper

142 100

127 21.7 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

4.31

400

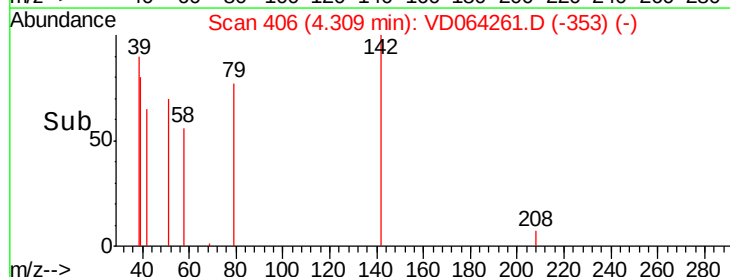
300

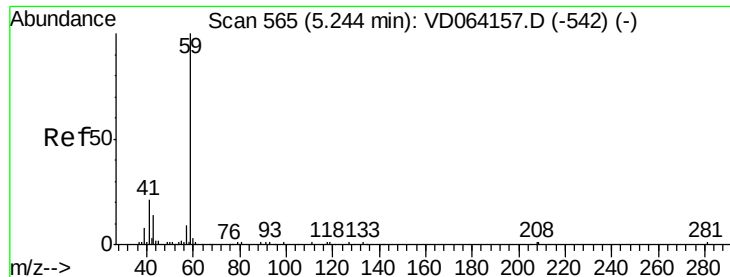
200

100

0

Time-->

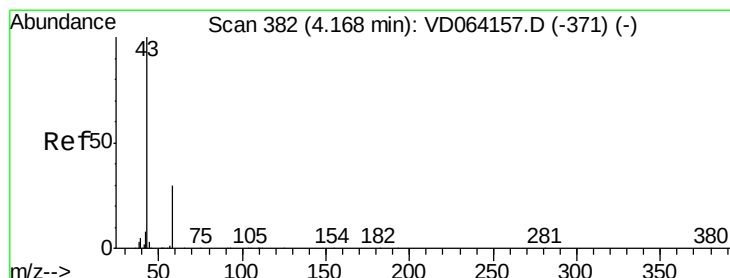
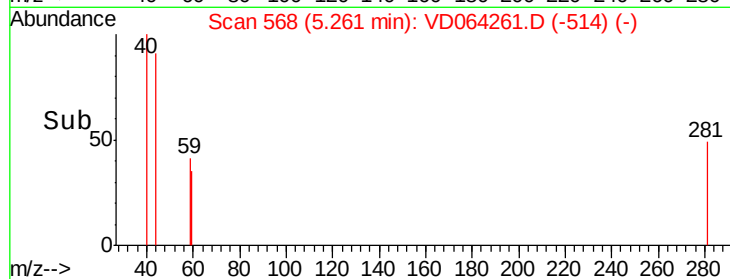
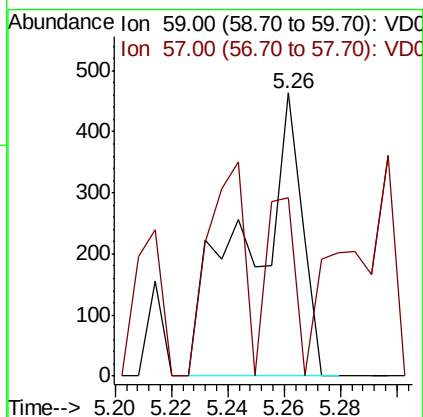
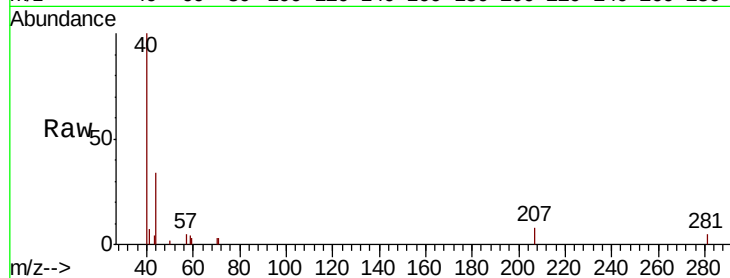




#11
Tert butyl alcohol
Concen: 2.841 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

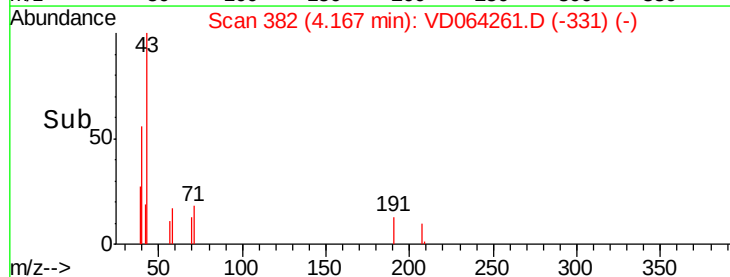
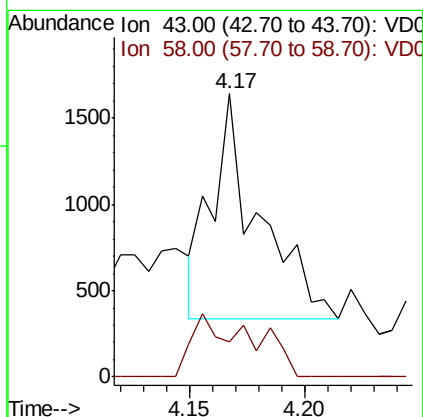
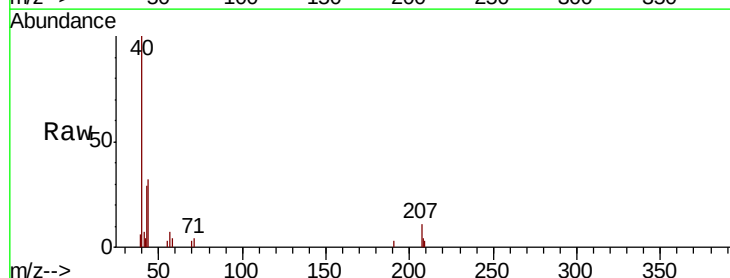
Instrument :
MSVOA_D
ClientSampled :

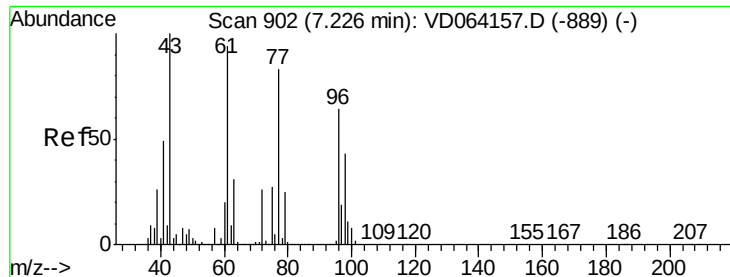
Tot Ion: 59 Resp: 605
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.2#



#16
Acetone
Concen: 2.539 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 15.7 24.1 36.1#





#25

2-Butanone

Concen: 1.766 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

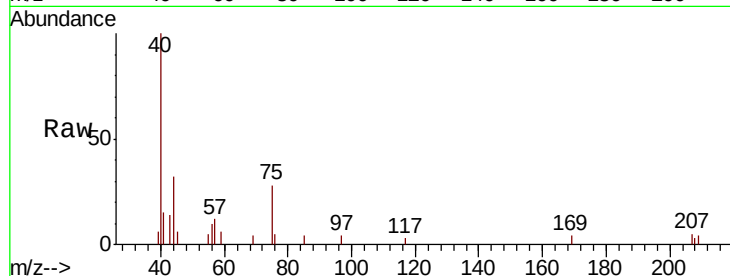
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 1648

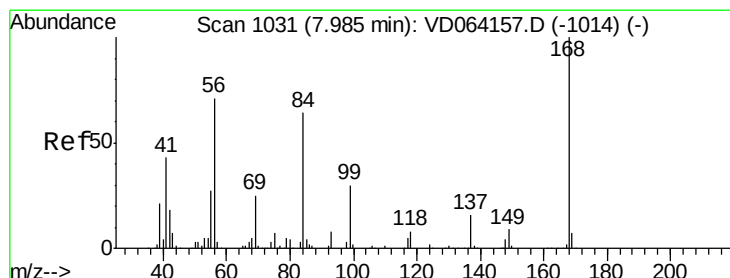
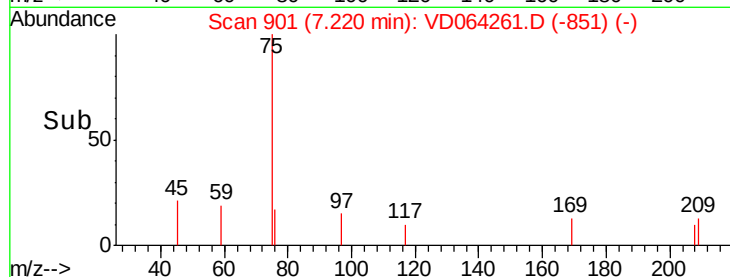
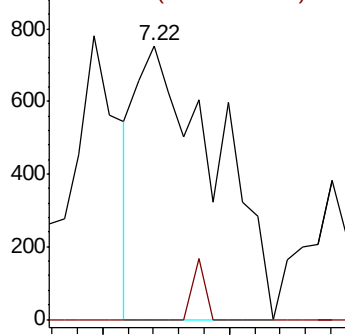
Ion Ratio Lower Upper

43 100

72 0.0 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 6.881 ug/l

RT: 7.96 min Scan# 1026

Delta R.T. -0.03 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

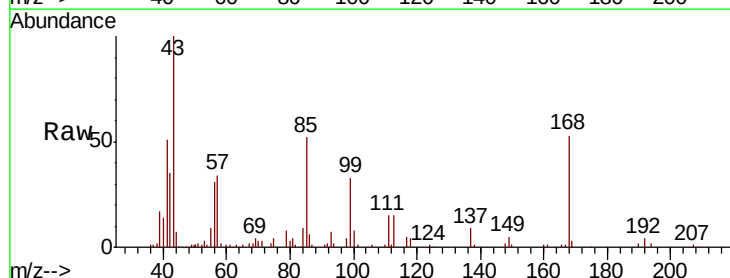
Tgt Ion: 56 Resp: 41177

Ion Ratio Lower Upper

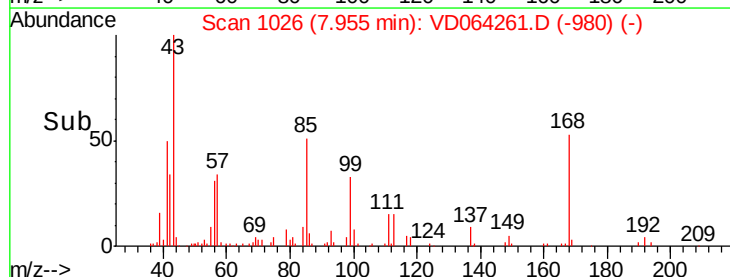
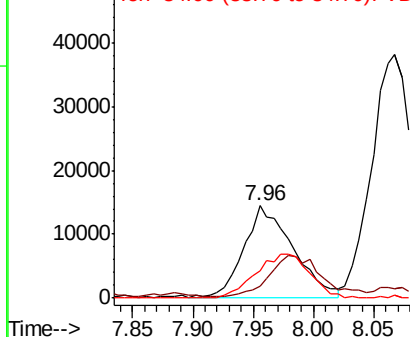
56 100

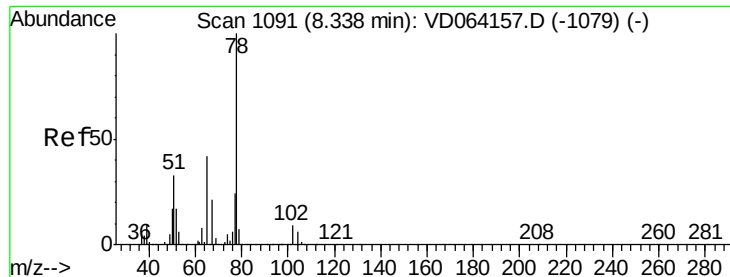
69 9.4 28.2 42.4#

84 29.3 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

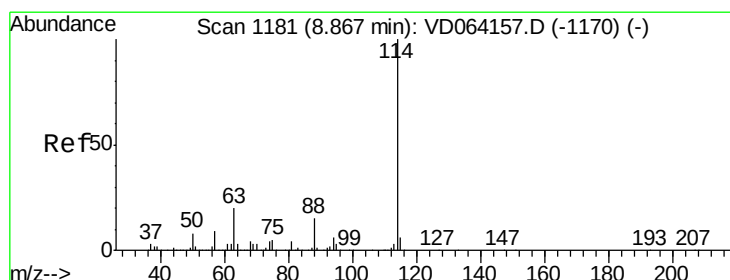
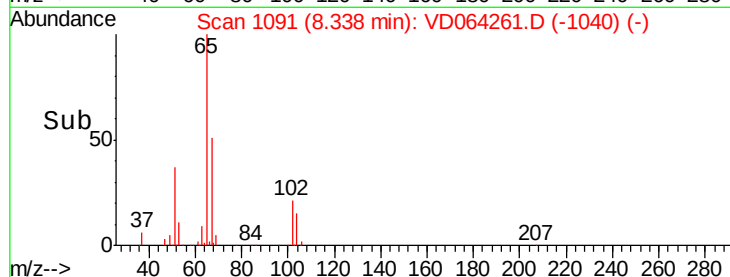
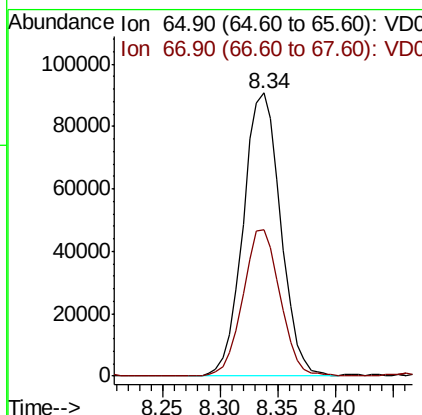
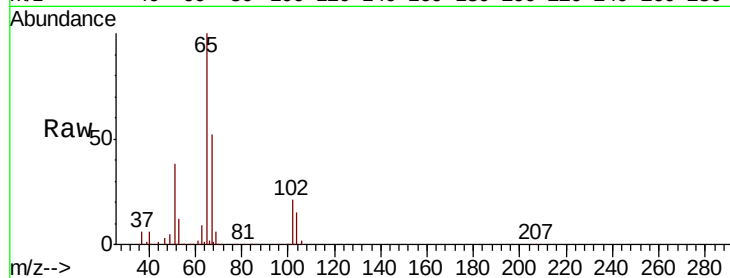




#33
 1,2-Dichloroethane-d4
 Concen: 67.360 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

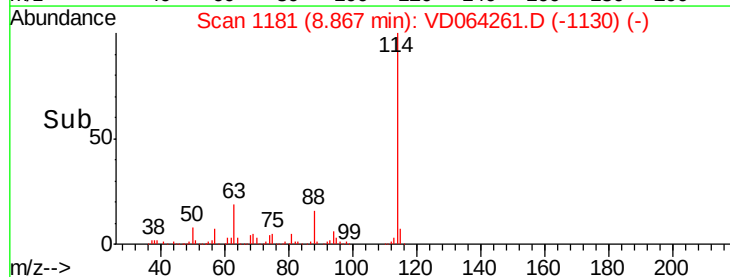
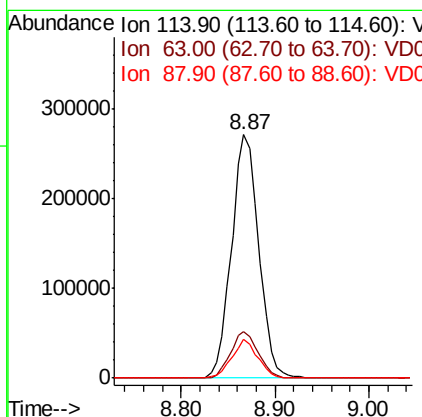
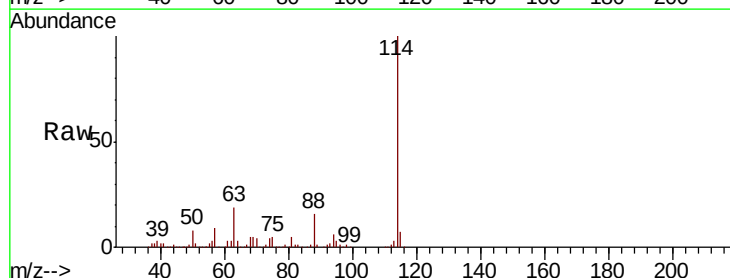
Instrument :
 MSVOA_D
 ClientSampleId :

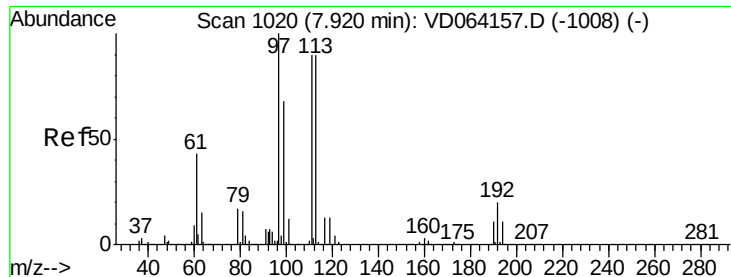
Tot Ion: 65 Resp: 205372
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

Tgt Ion: 114 Resp: 545009
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 16.1 0.0 30.2

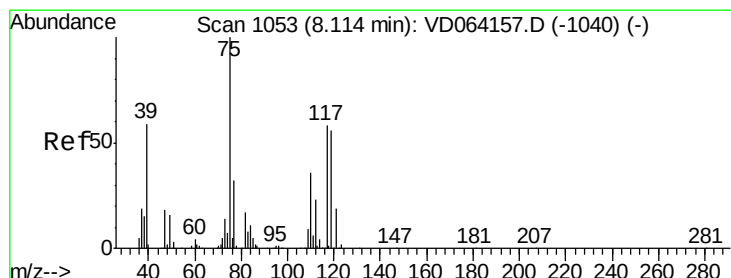
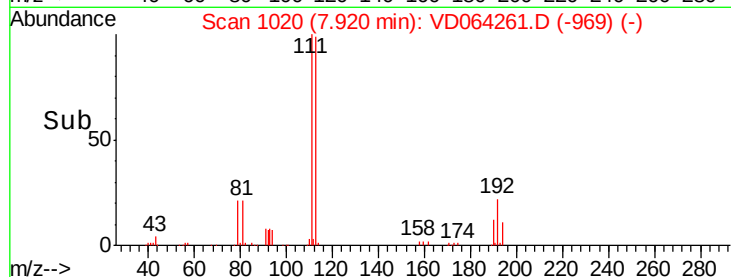
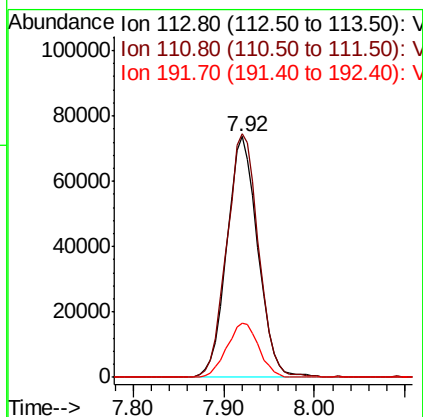
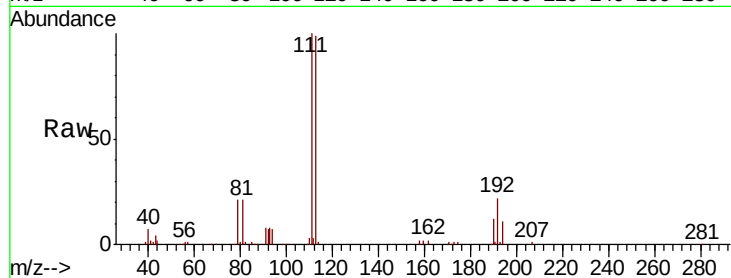




#35
 Dibromofluoromethane
 Concen: 55.778 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

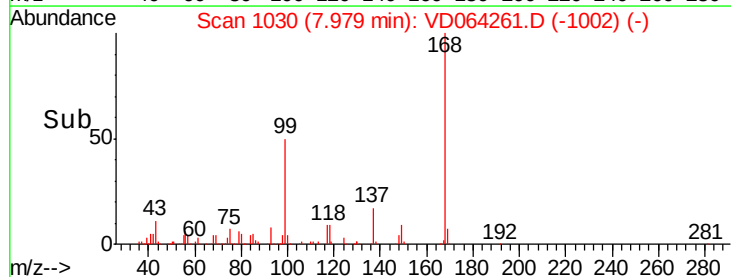
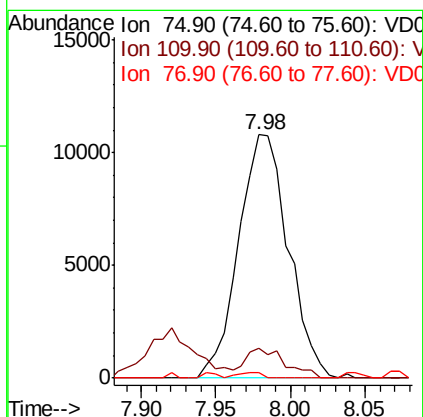
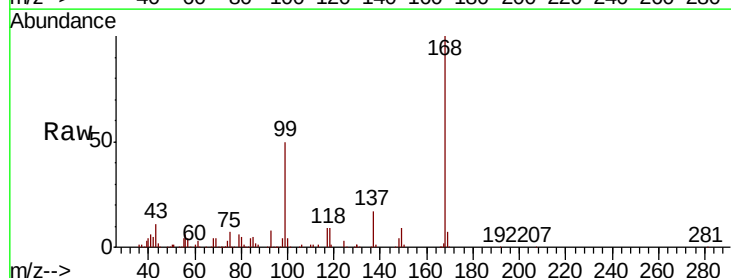
Instrument :
 MSVOA_D
 ClientSampleId :

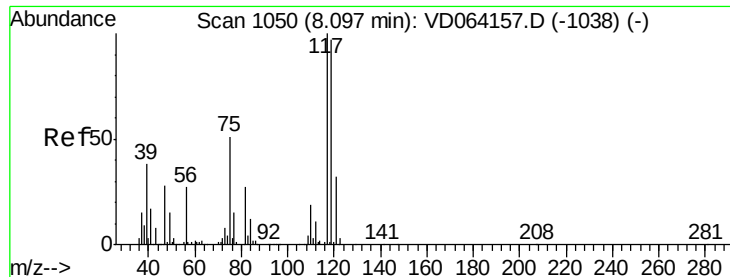
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.5	122.3
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.954 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.9#
77	1.1	25.0	37.6#

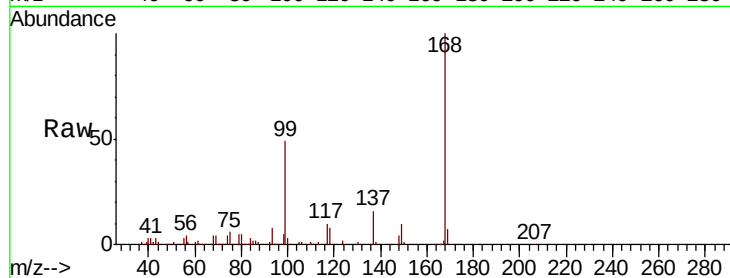




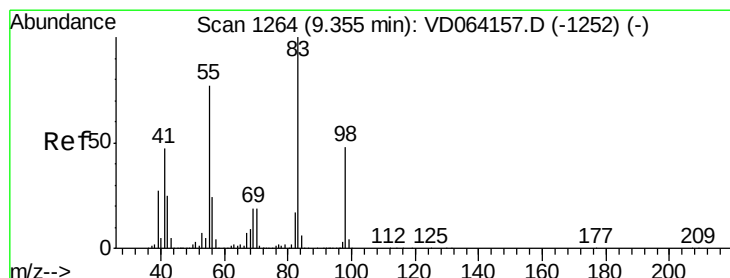
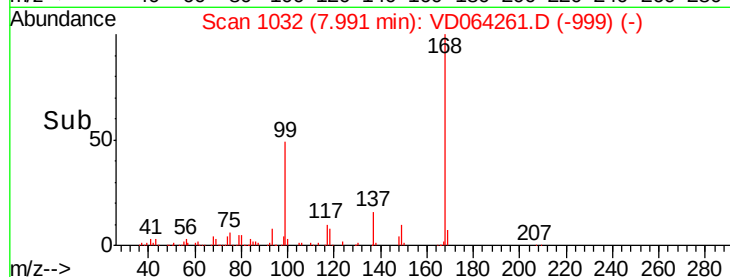
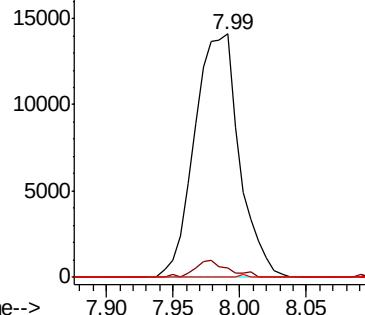
#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 32697
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.5 38.3#

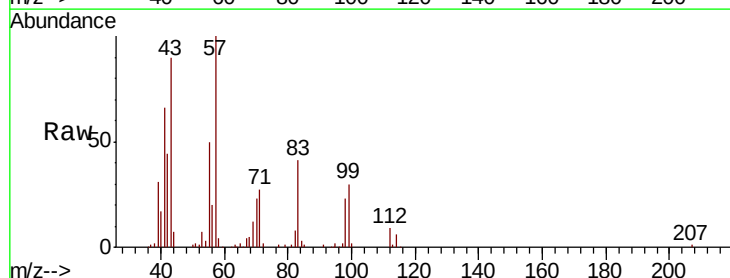


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

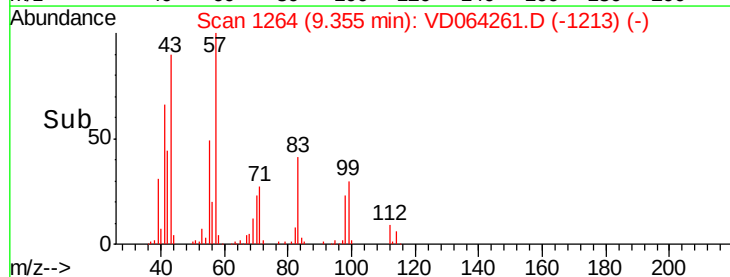
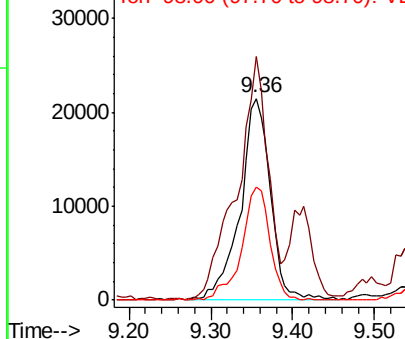


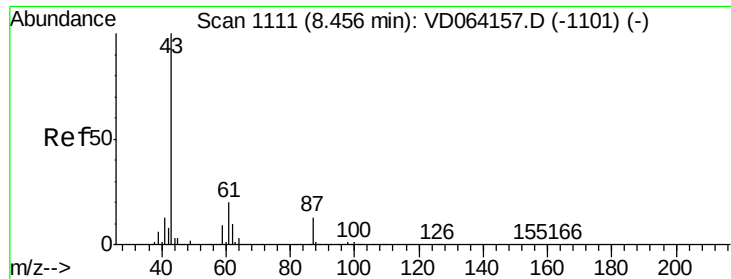
#39
Methylcyclohexane
Concen: 8.689 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion: 83 Resp: 55306
Ion Ratio Lower Upper
83 100
55 119.8 61.7 92.5#
98 56.0 38.6 58.0



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





#43

Isopropyl Acetate

Concen: 62.322 ug/l

RT: 8.51 min Scan# 1120

Delta R.T. 0.05 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

ClientSampled :

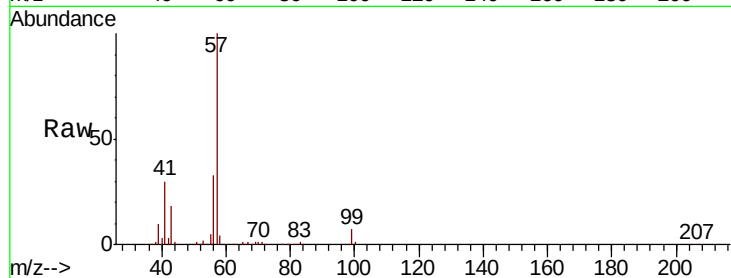
Tot Ion: 43 Resp: 272292

Ion Ratio Lower Upper

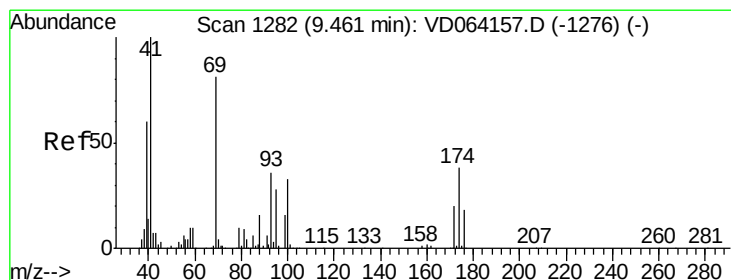
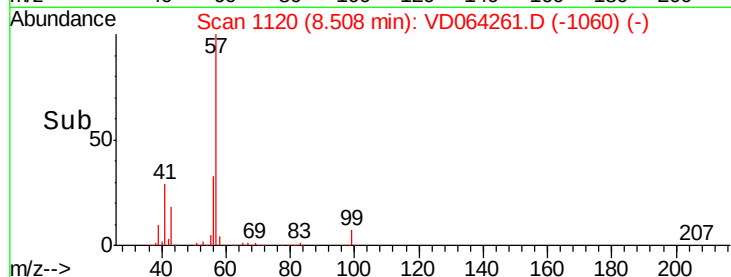
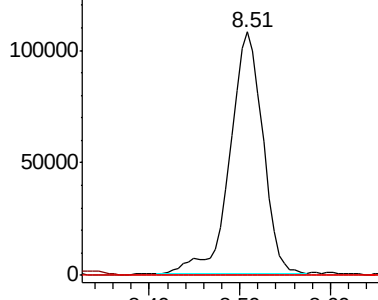
43 100

61 0.0 22.9 34.3#

87 0.0 10.2 15.2#



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



#48

Methyl methacrylate

Concen: 7.120 ug/l

RT: 9.49 min Scan# 1287

Delta R.T. 0.03 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

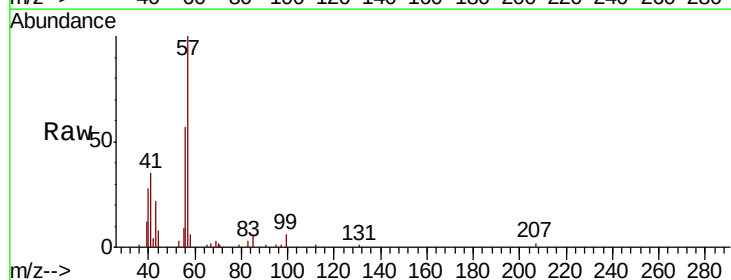
Tgt Ion: 41 Resp: 15211

Ion Ratio Lower Upper

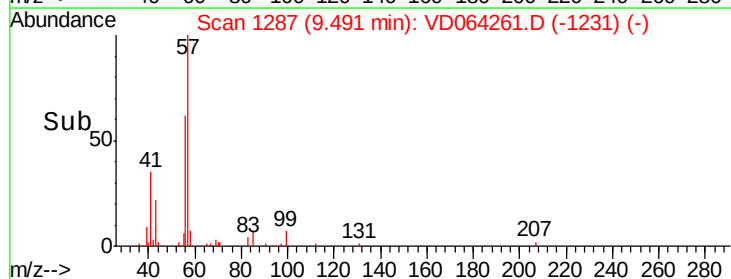
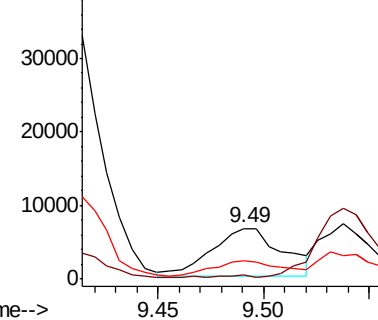
41 100

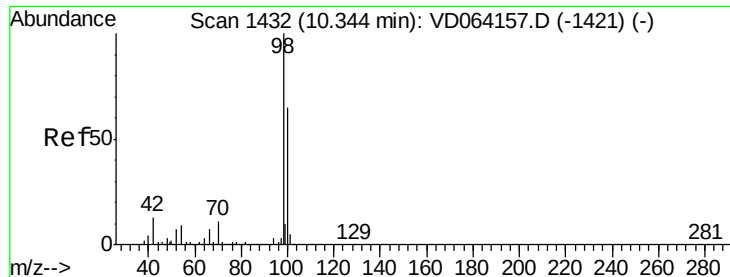
69 0.0 64.6 97.0#

39 35.5 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

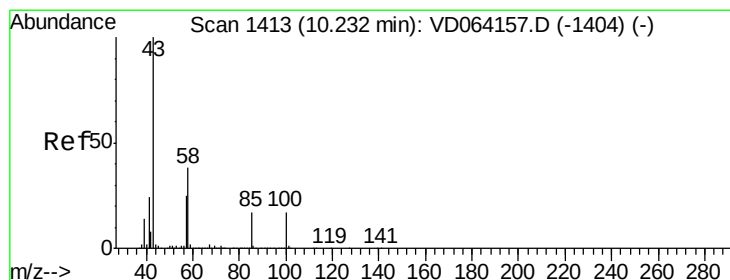
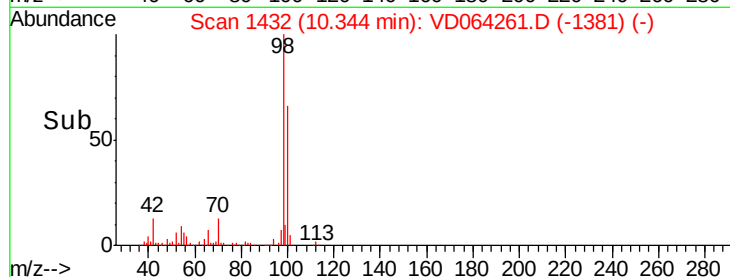
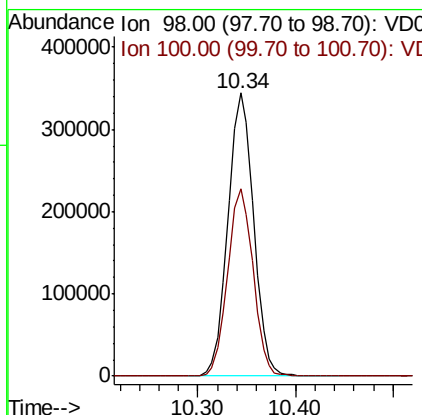
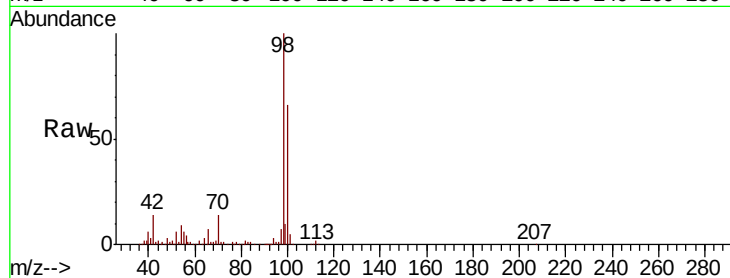




#50
Toluene-d8
Concen: 53.512 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

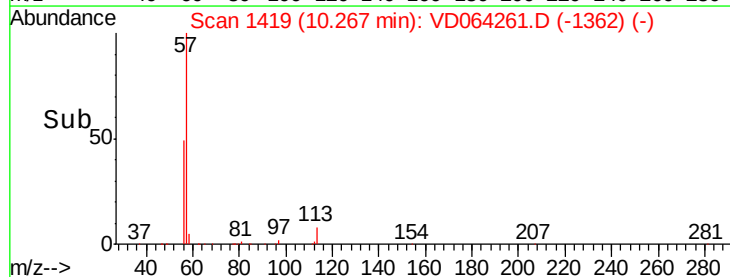
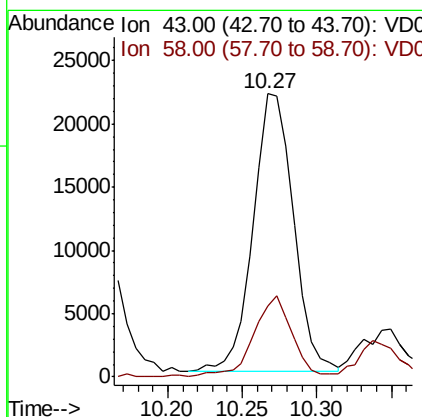
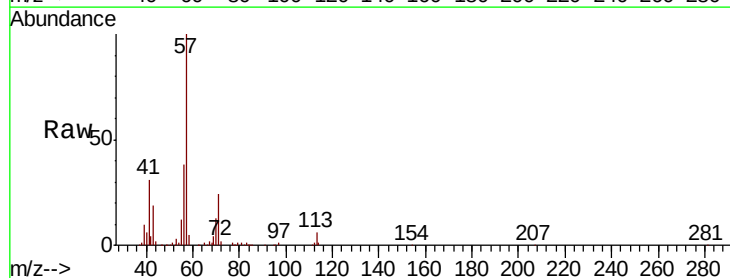
Instrument :
MSVOA_D
ClientSampleId :

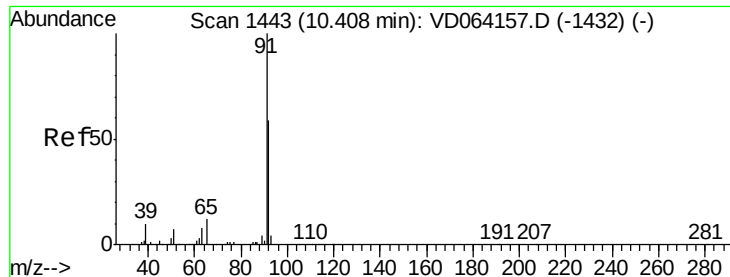
Tot Ion: 98 Resp: 631537
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.688 ug/l
RT: 10.27 min Scan# 1419
Delta R.T. 0.04 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion: 43 Resp: 41251
Ion Ratio Lower Upper
43 100
58 27.6 30.2 45.4#





#52

Toluene

Concen: 19.645 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

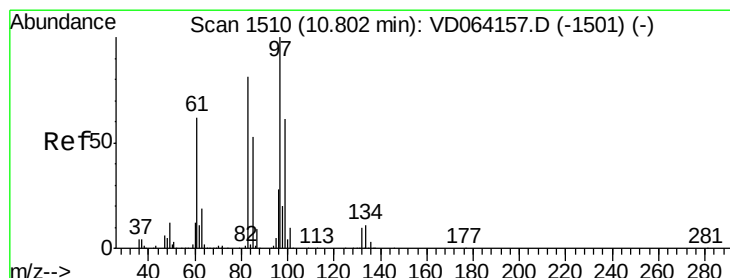
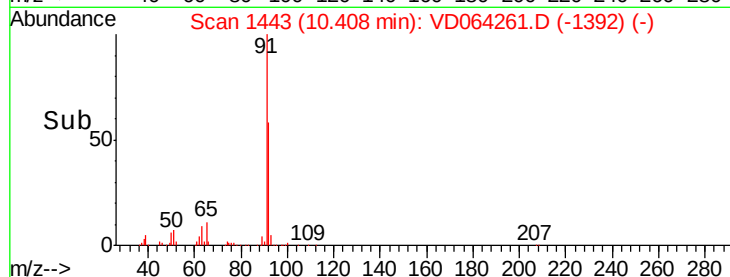
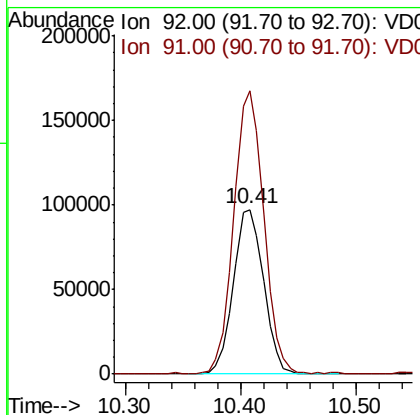
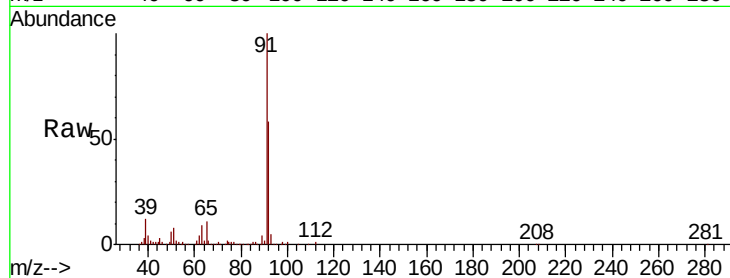
ClientSampleId :

Tot Ion: 92 Resp: 177580

Ion Ratio Lower Upper

92 100

91 169.5 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 14.323 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Tgt Ion: 97 Resp: 34806

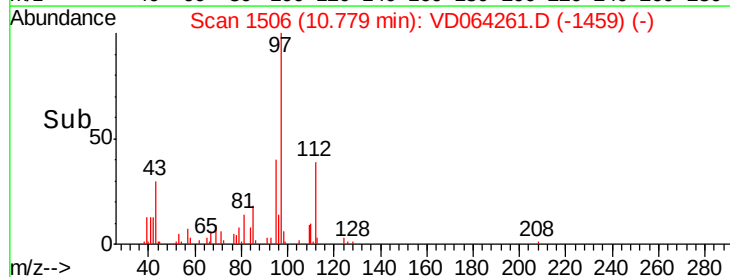
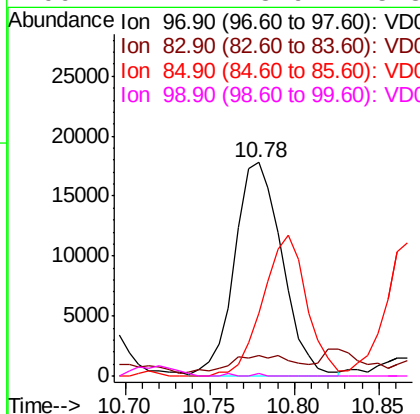
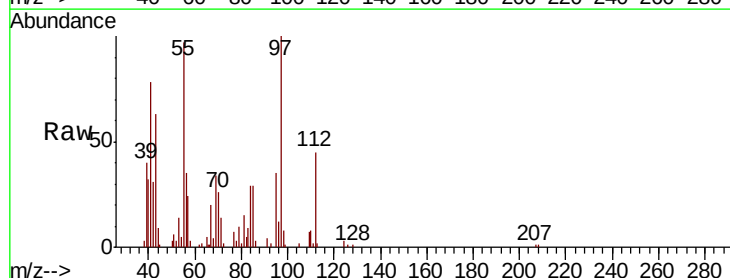
Ion Ratio Lower Upper

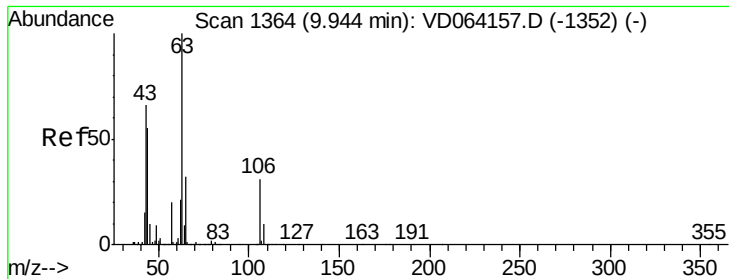
97 100

83 7.4 65.1 97.7#

85 29.6 42.0 63.0#

99 1.1 48.9 73.3#

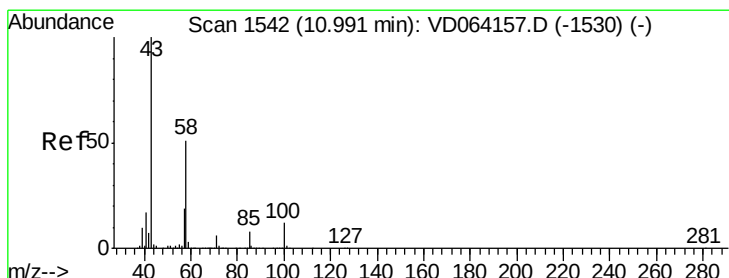
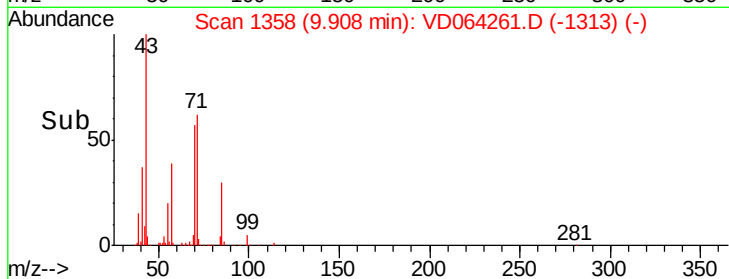
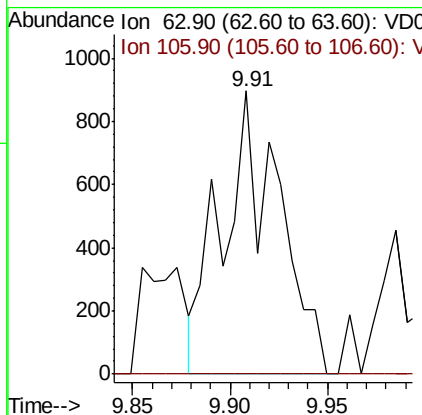
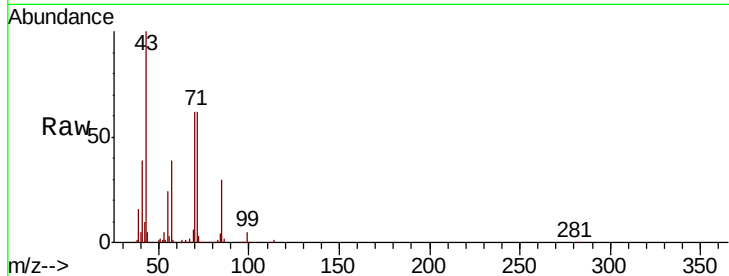




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.309 ug/l
 RT: 9.91 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

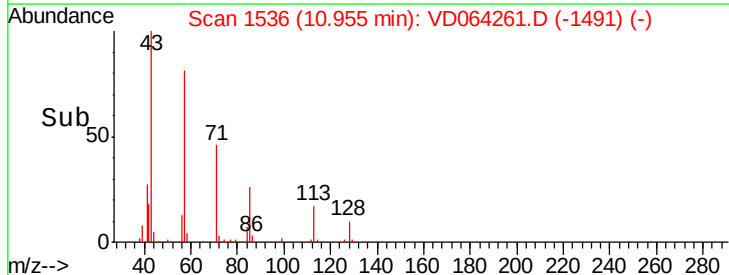
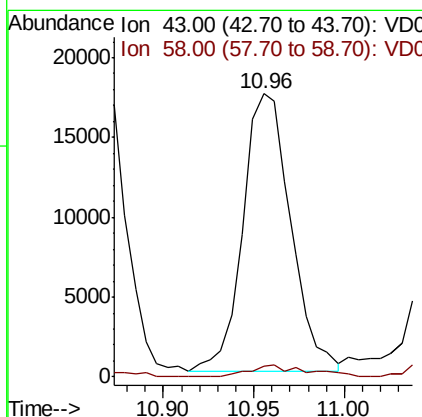
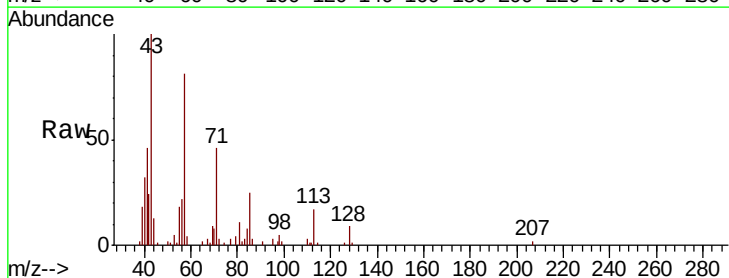
Instrument :
 MSVOA_D
 ClientSampleId :

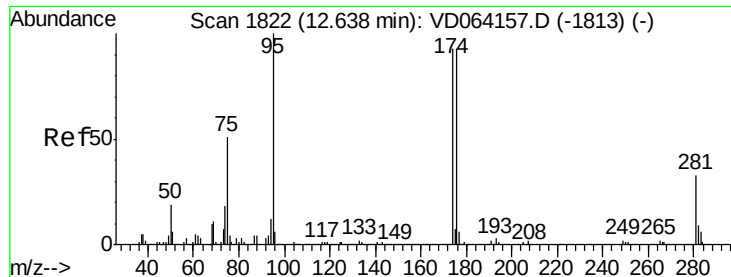
Tot Ion: 63 Resp: 1803
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.1 36.1#



#59
 2-Hexanone
 Concen: 21.462 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

Tgt Ion: 43 Resp: 31991
 Ion Ratio Lower Upper
 43 100
 58 5.2 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 52.902 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

ClientSampleId :

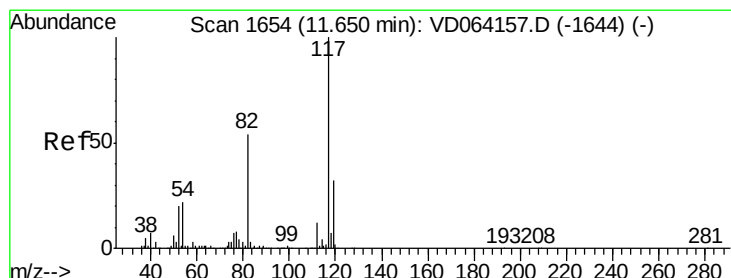
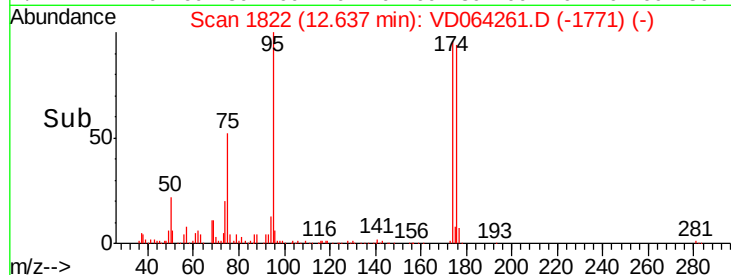
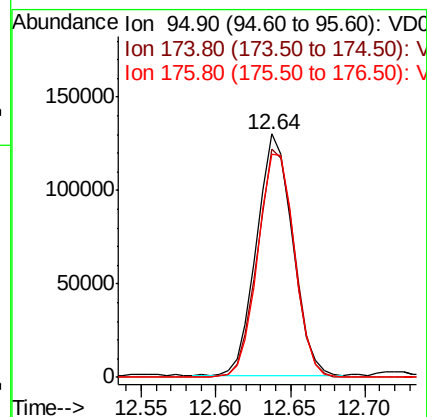
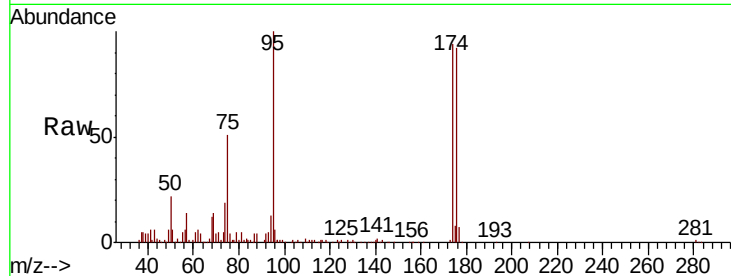
Tot Ion: 95 Resp: 216215

Ion Ratio Lower Upper

95 100

174 95.6 0.0 183.6

176 94.0 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: VD064261.D

Acq: 18 Nov 2019 13:36

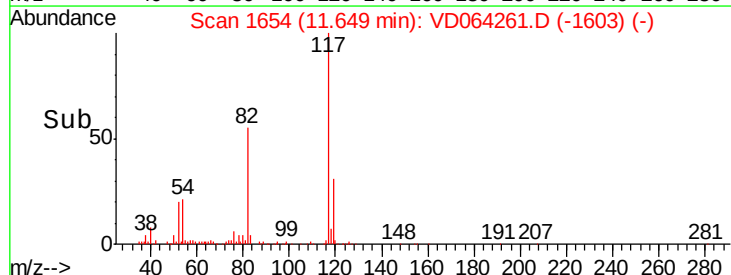
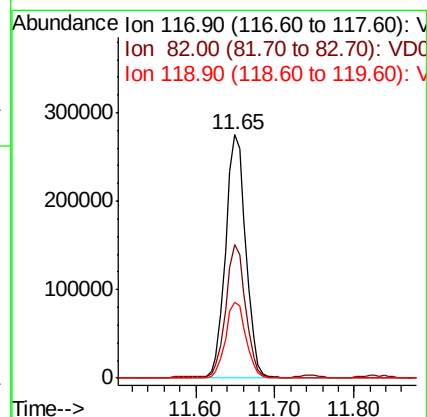
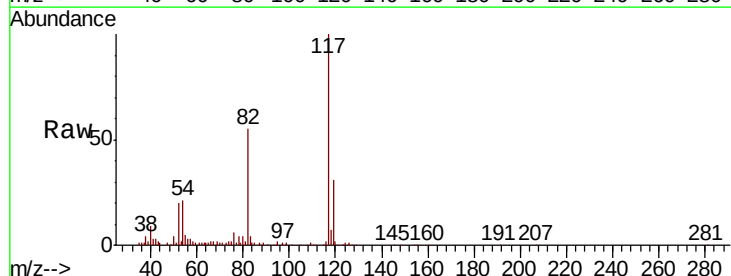
Tgt Ion: 117 Resp: 483923

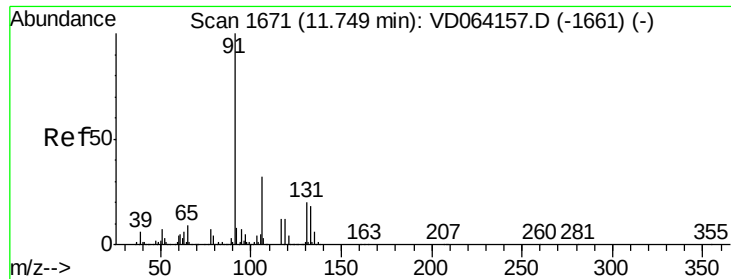
Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

119 31.4 25.6 38.4

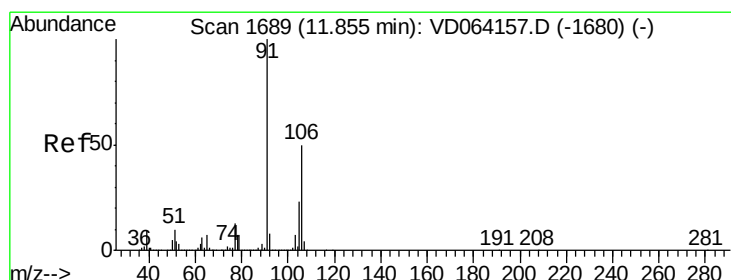
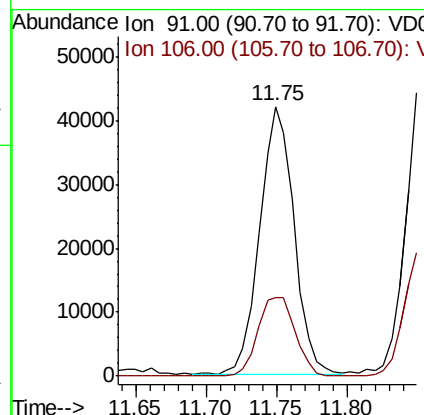
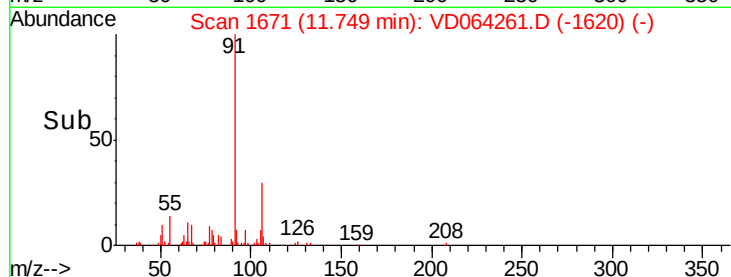
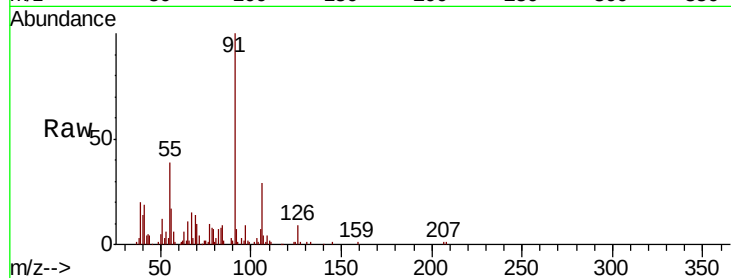




#67
Ethyl Benzene
Concen: 4.023 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

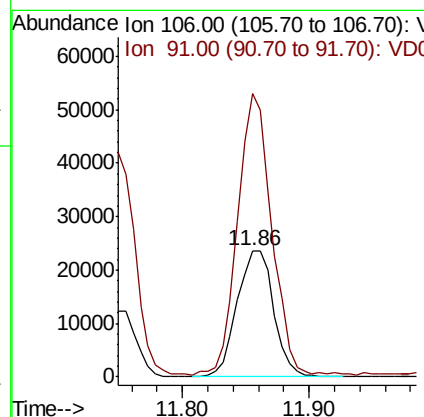
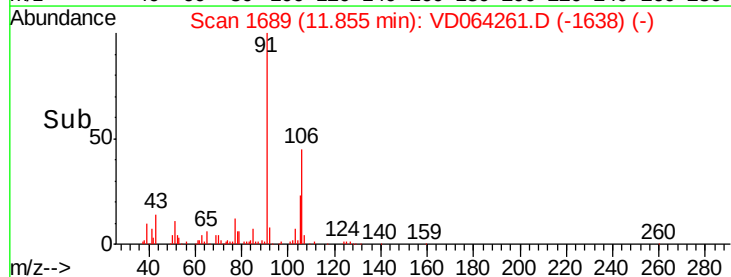
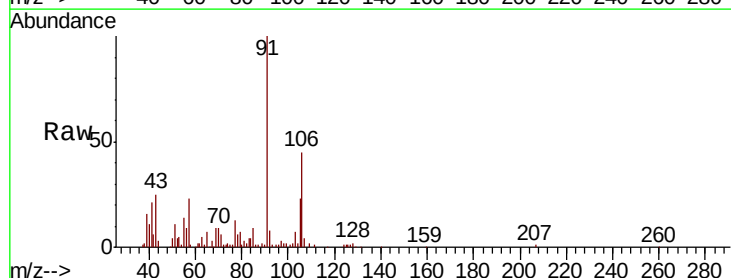
Instrument :
MSVOA_D
ClientSampled :

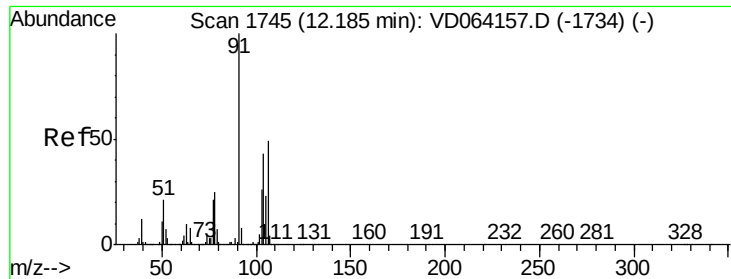
Tot Ion: 91 Resp: 71611
Ion Ratio Lower Upper
91 100
106 29.3 25.5 38.3



#68
m/p-Xylenes
Concen: 6.934 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion: 106 Resp: 47307
Ion Ratio Lower Upper
106 100
91 206.4 160.3 240.5

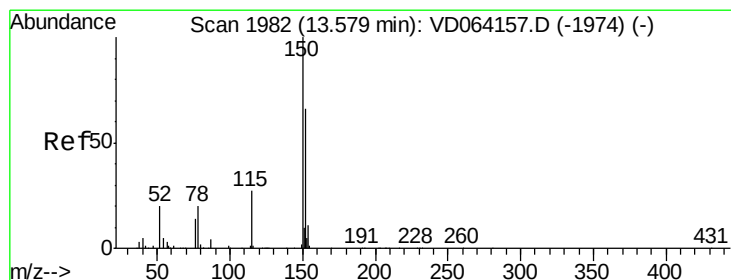
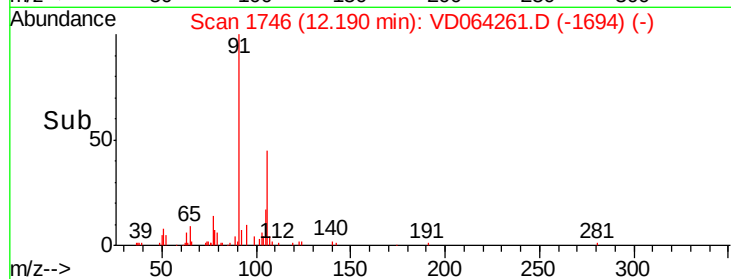
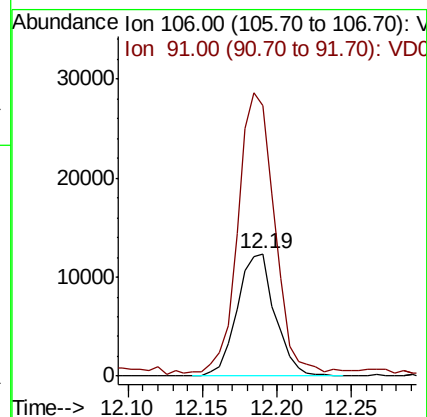
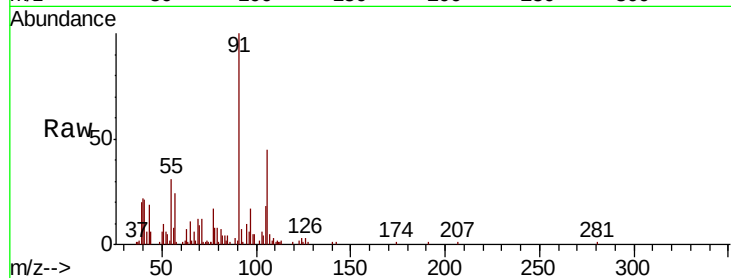




#69
o-Xylene
Concen: 3.437 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

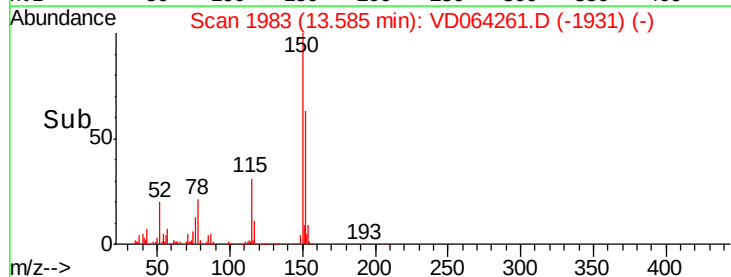
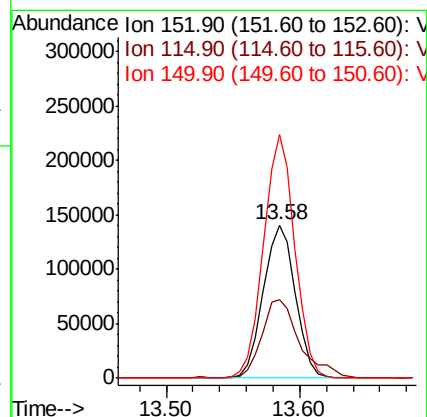
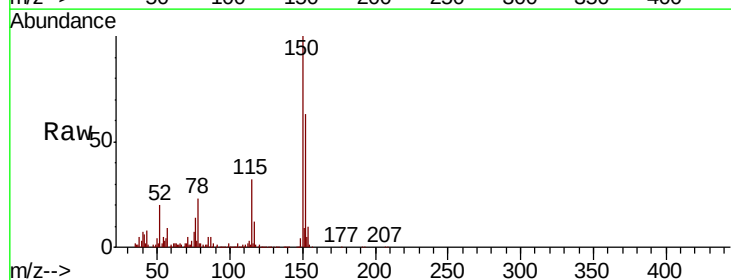
Instrument :
MSVOA_D
ClientSampleId :

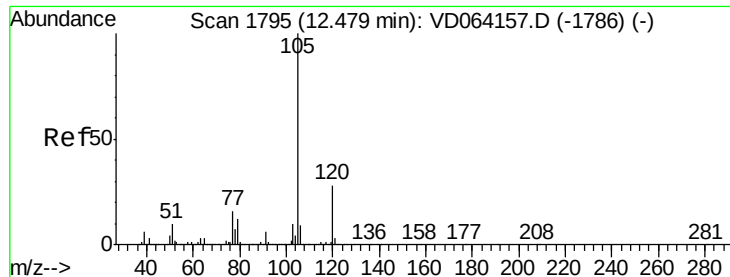
Tot Ion:106 Resp: 21746
Ion Ratio Lower Upper
106 100
91 222.1 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion:152 Resp: 233542
Ion Ratio Lower Upper
152 100
115 59.7 27.4 82.2
150 154.4 0.0 351.6





#73

Isopropylbenzene

Concen: 3.913 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

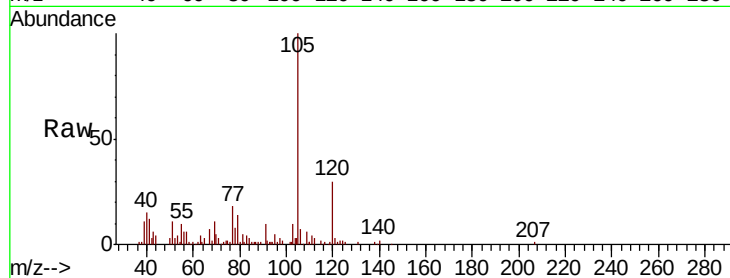
ClientSampleId :

Tot Ion:105 Resp: 67069

Ion Ratio Lower Upper

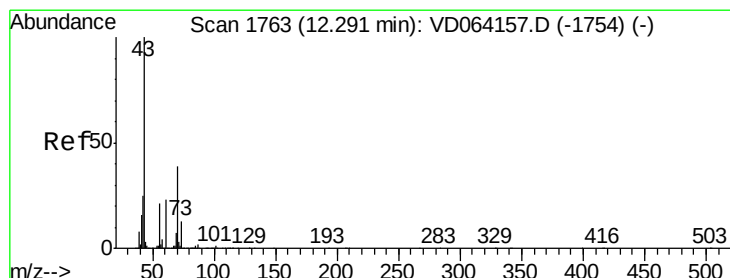
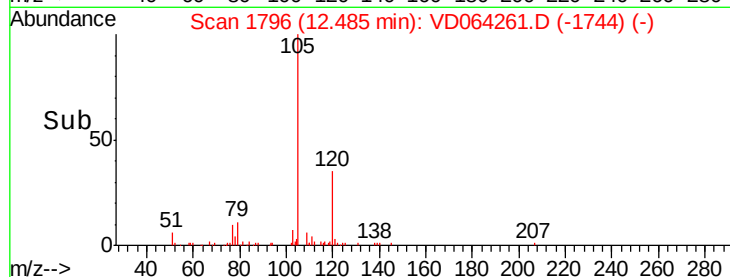
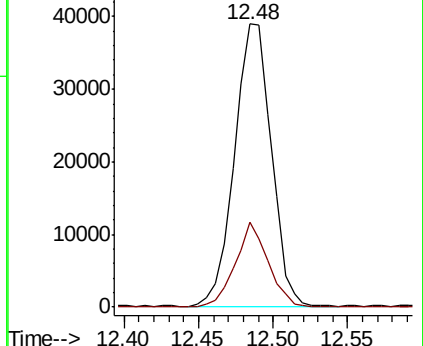
105 100

120 26.7 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-ethyl acetate

Concen: 6.449 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Tgt Ion: 43 Resp: 26104

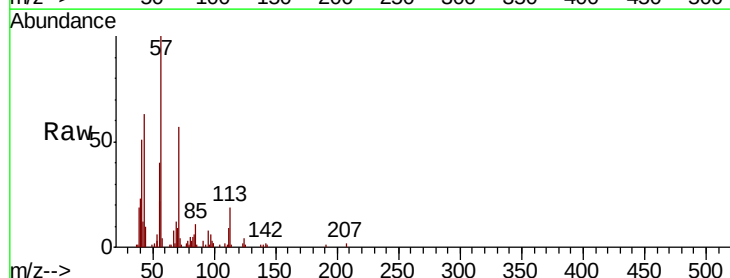
Ion Ratio Lower Upper

43 100

70 10.6 32.4 48.6#

55 19.9 17.9 26.9

61 0.0 19.0 28.4#

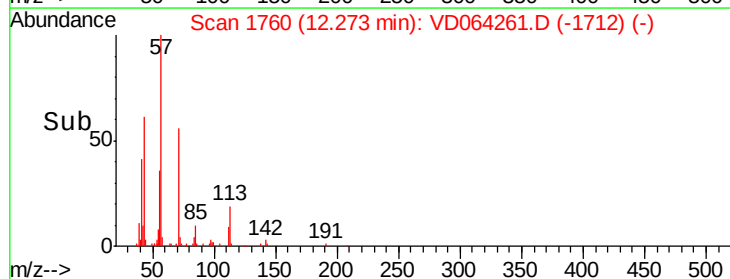
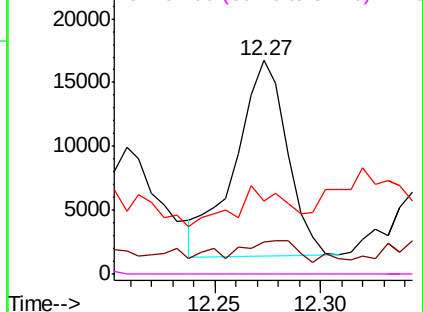


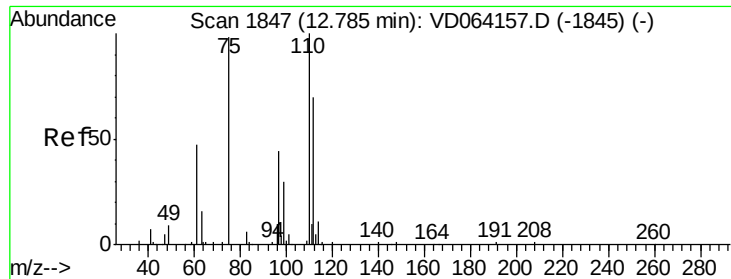
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#76

1,2,3-Trichloropropane

Concen: 59.385 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

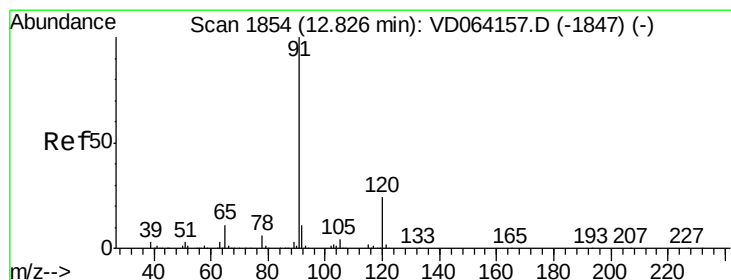
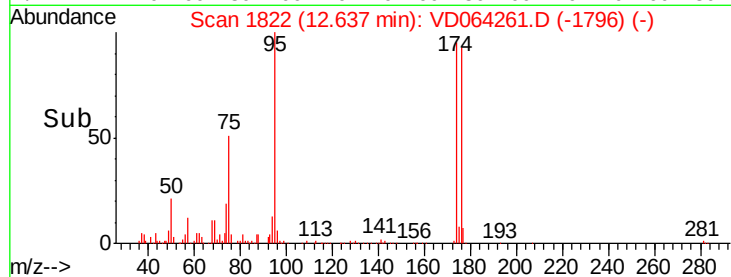
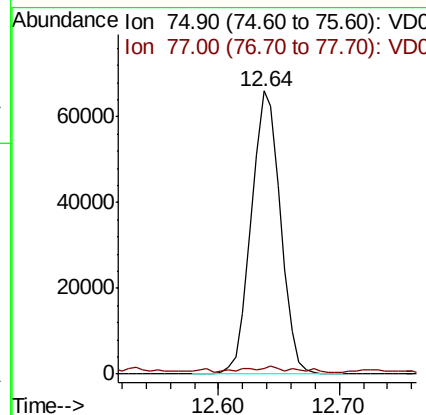
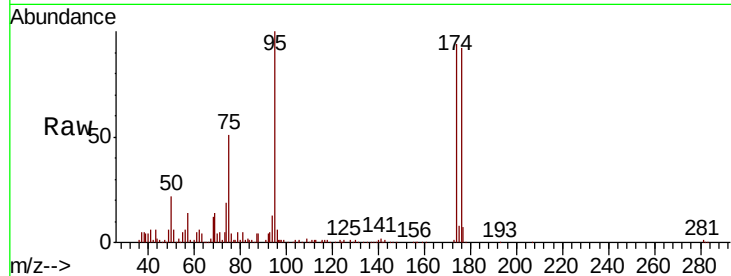
ClientSampleId :

Tot Ion: 75 Resp: 111709

Ion Ratio Lower Upper

75 100

77 2.5 0.0 0.0#



#78

n-propylbenzene

Concen: 14.690 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064261.D

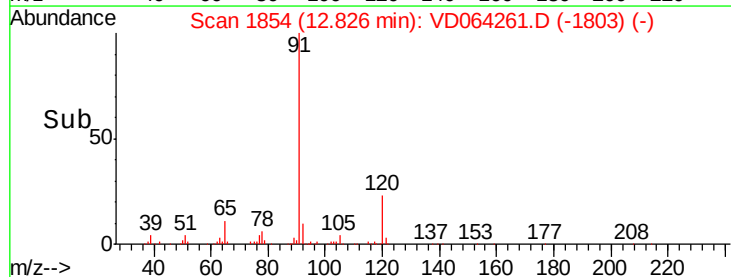
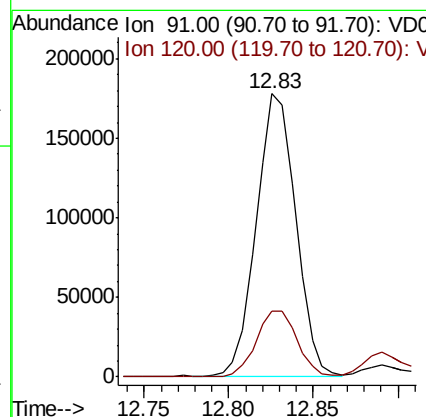
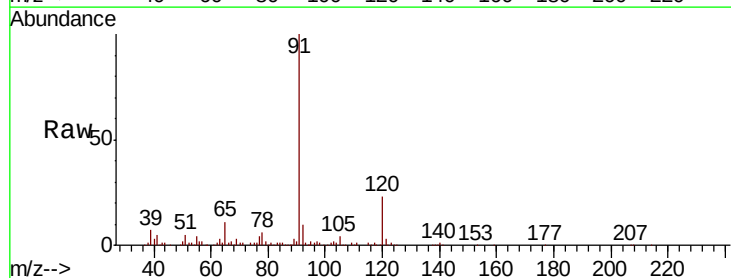
Acq: 18 Nov 2019 13:36

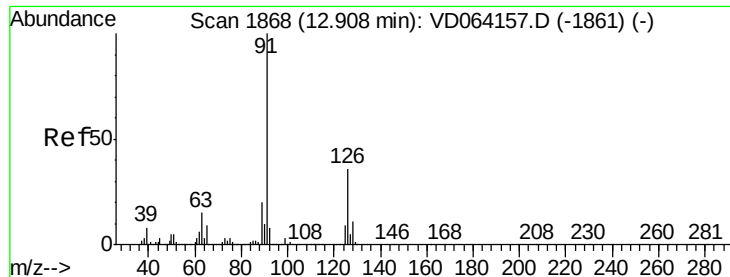
Tgt Ion: 91 Resp: 287695

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4

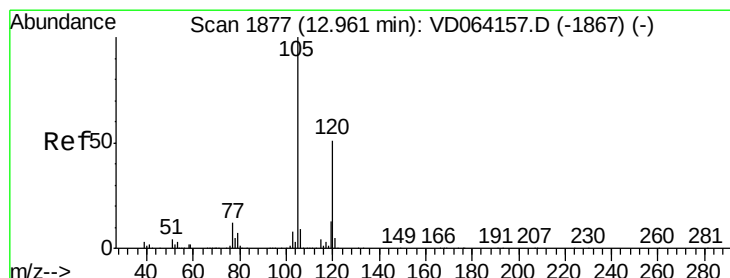
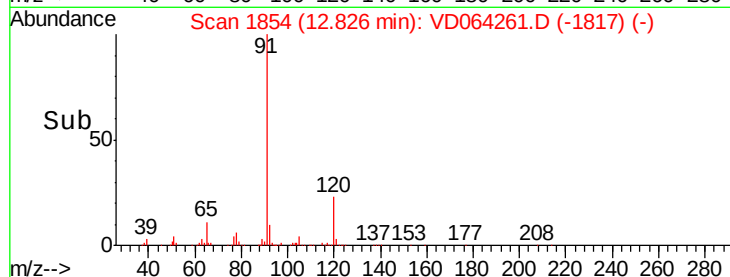
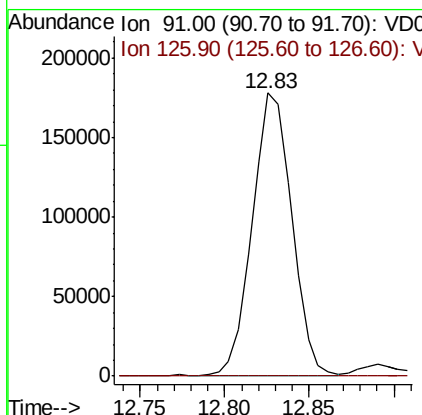
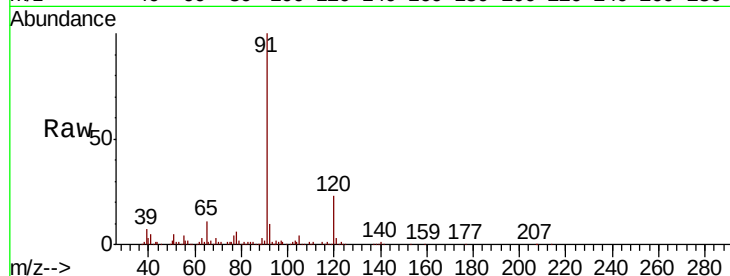




#79
2-Chlorotoluene
Concen: 26.019 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.08 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

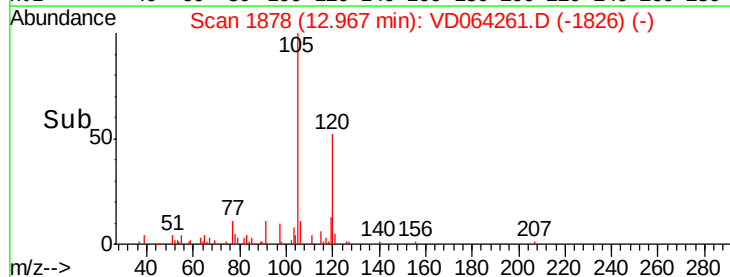
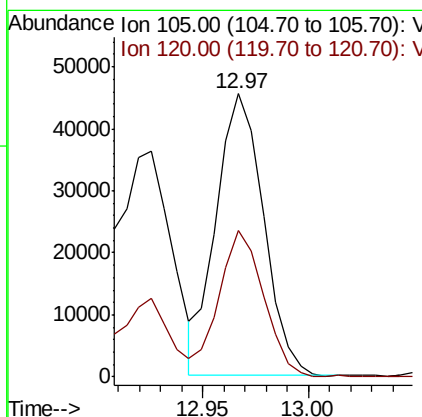
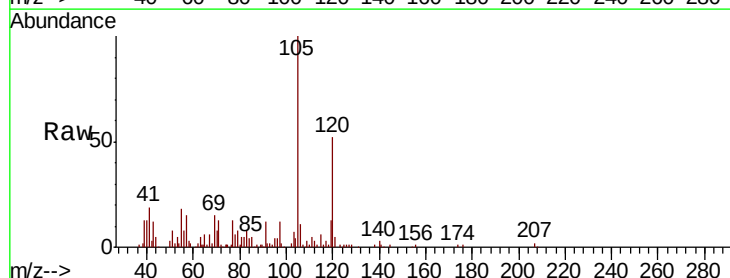
Instrument :
MSVOA_D
ClientSampleId :

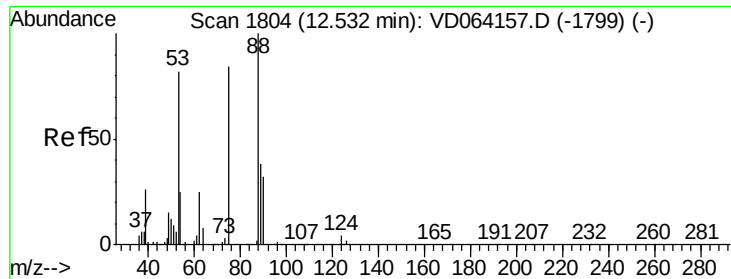
Tot Ion: 91 Resp: 287695
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#80
1,3,5-Trimethylbenzene
Concen: 5.018 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD064261.D
Acq: 18 Nov 2019 13:36

Tgt Ion: 105 Resp: 70675
Ion Ratio Lower Upper
105 100
120 49.0 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 117.961 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

ClientSampleId :

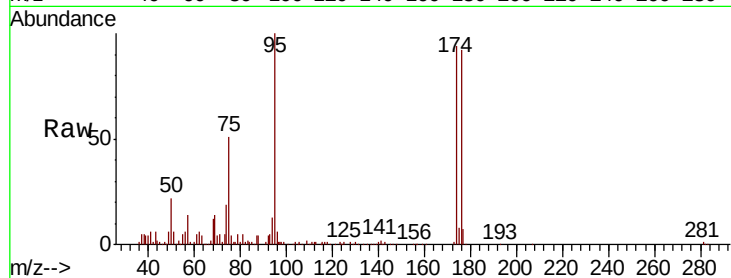
Tot Ion: 75 Resp: 111709

Ion Ratio Lower Upper

75 100

53 5.0 79.4 119.0#

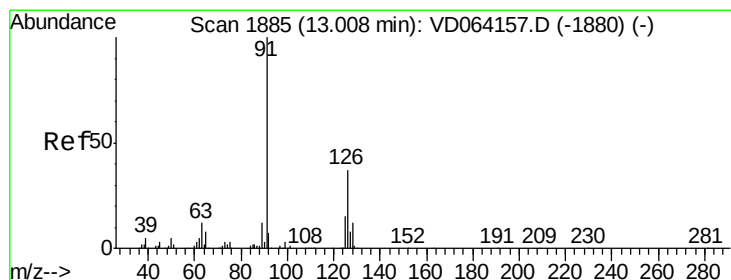
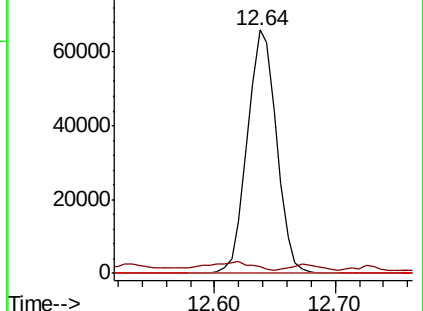
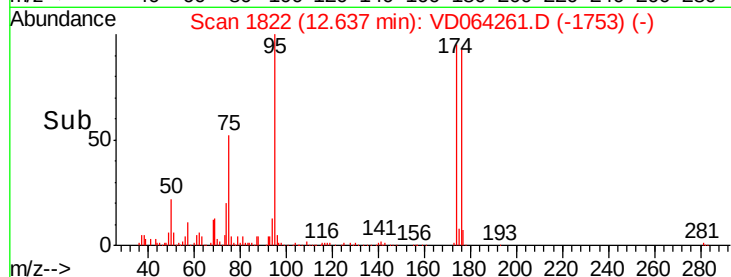
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 24.946 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.18 min

Lab File: VD064261.D

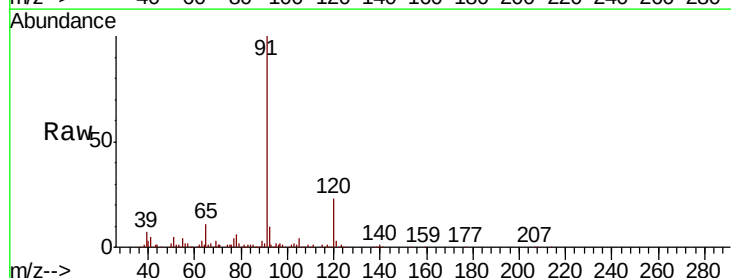
Acq: 18 Nov 2019 13:36

Tgt Ion: 91 Resp: 287695

Ion Ratio Lower Upper

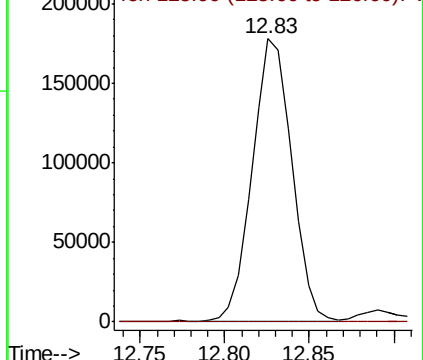
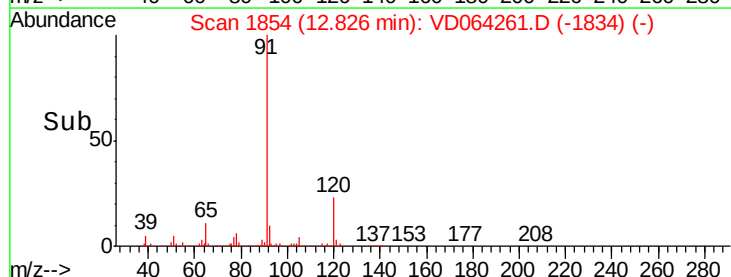
91 100

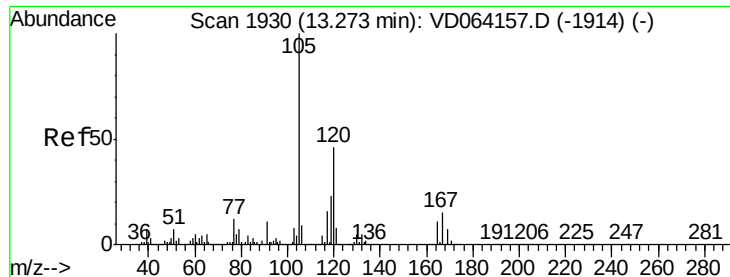
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 8.452 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

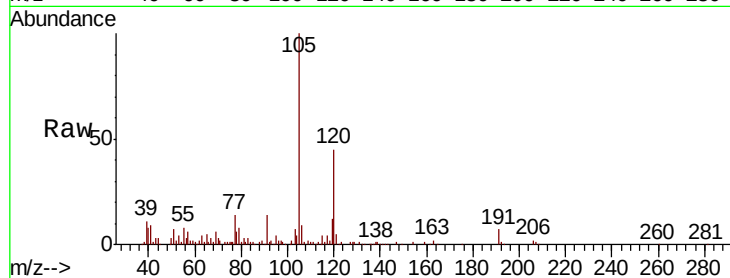
ClientSampleId :

Tot Ion:105 Resp: 117540

Ion Ratio Lower Upper

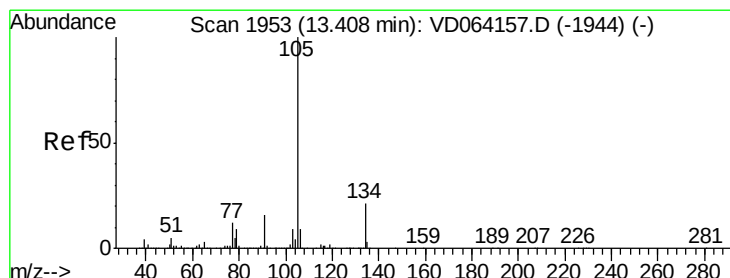
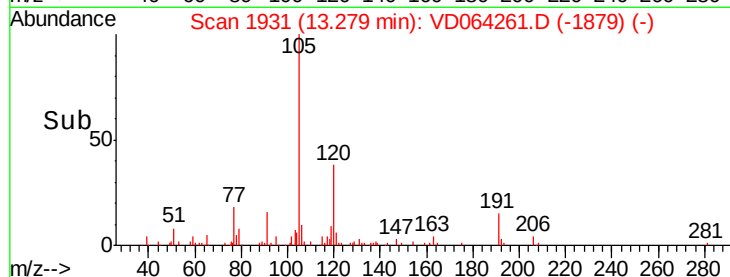
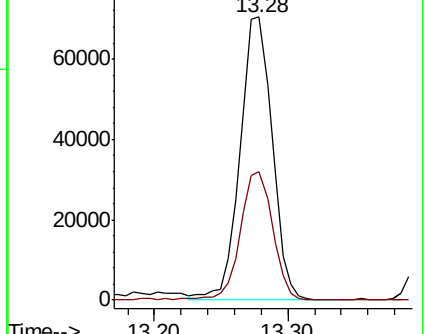
105 100

120 45.5 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: 3.553 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064261.D

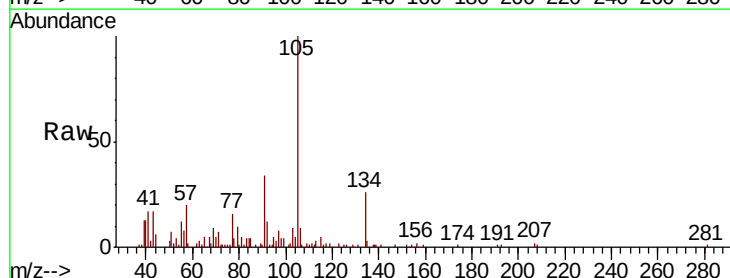
Acq: 18 Nov 2019 13:36

Tgt Ion:105 Resp: 59274

Ion Ratio Lower Upper

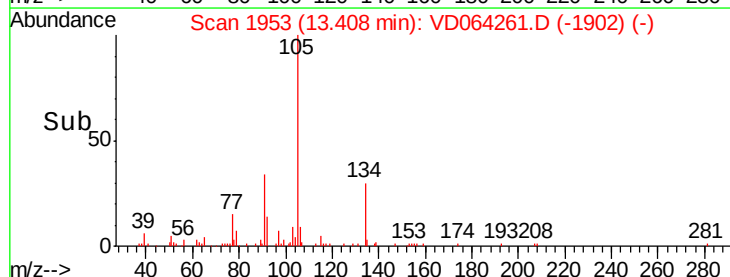
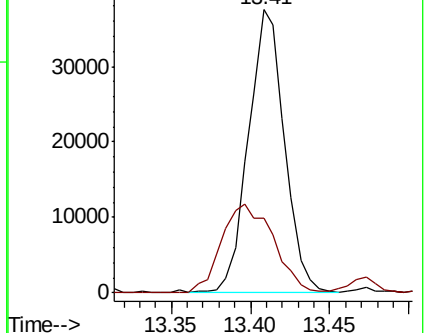
105 100

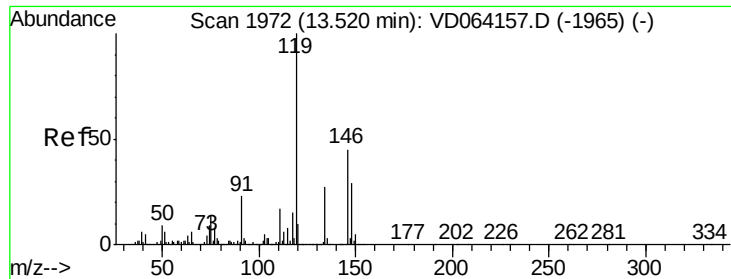
134 45.2 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

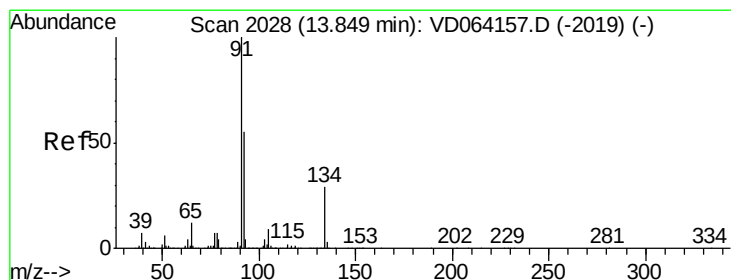
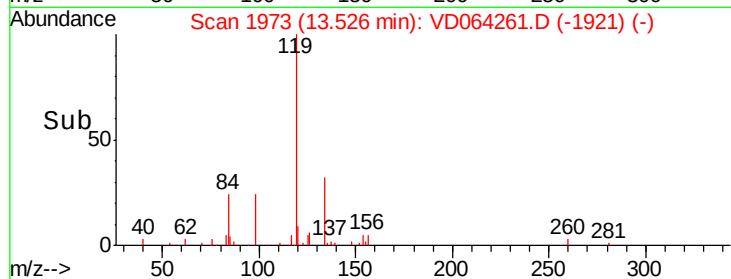
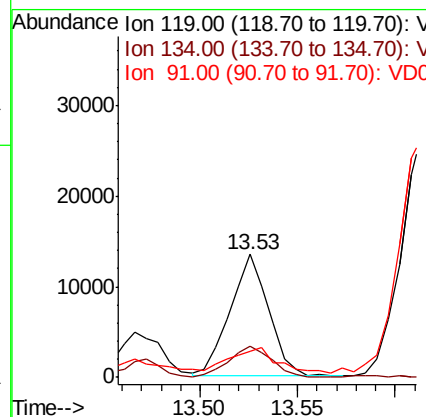
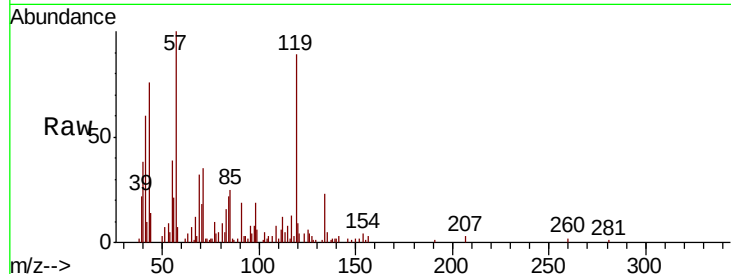




#86
 p-Isopropyltoluene
 Concen: 1.159 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

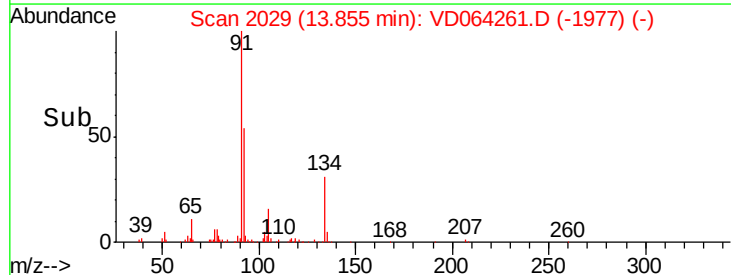
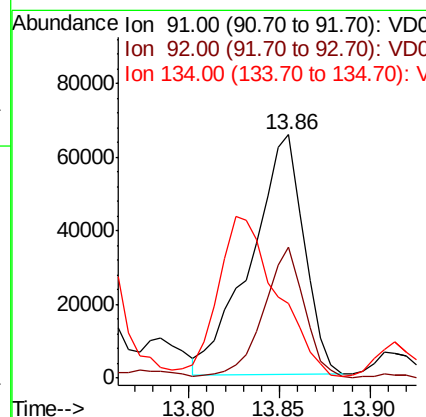
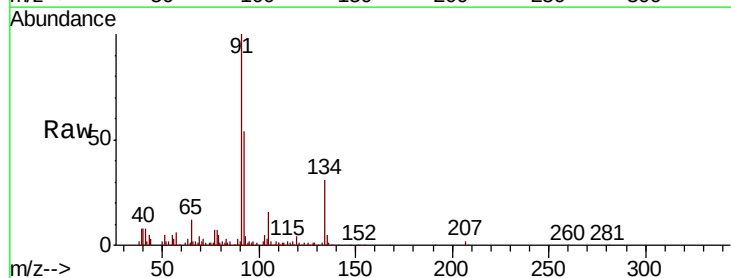
Instrument :
 MSVOA_D
 ClientSampleId :

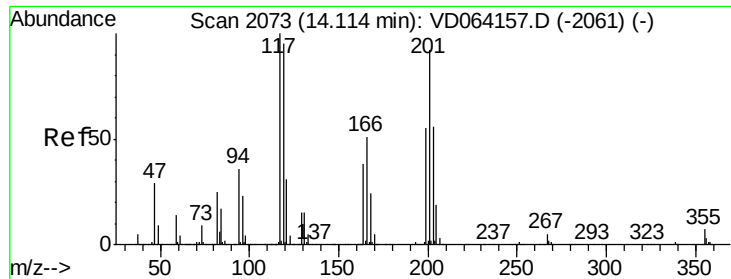
Tot Ion: 119 Resp: 18387
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.5 40.5
 91 25.6 11.5 34.4



#89
 n-Butylbenzene
 Concen: 9.212 ug/l
 RT: 13.86 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

Tgt Ion: 91 Resp: 131986
 Ion Ratio Lower Upper
 91 100
 92 42.8 27.3 81.8
 134 0.0 14.1 42.4#





#90

Hexachloroethane

Concen: 23.920 ug/l

RT: 14.13 min Scan# 2076

Delta R.T. 0.02 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

Instrument :

MSVOA_D

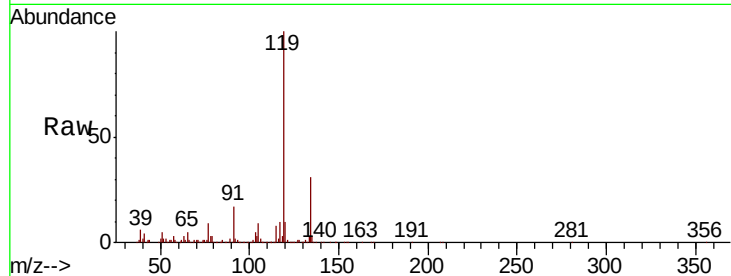
ClientSampled :

Tot Ion:117 Resp: 70109

Ion Ratio Lower Upper

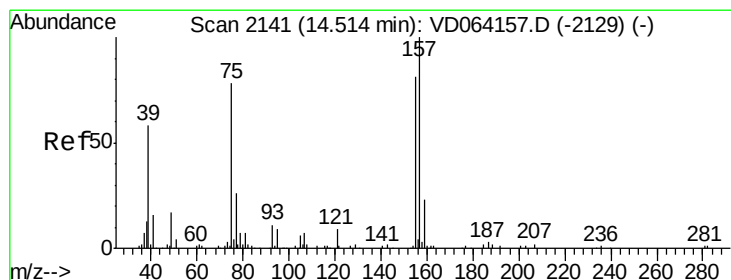
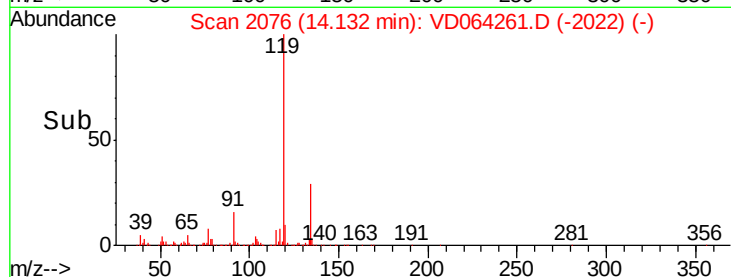
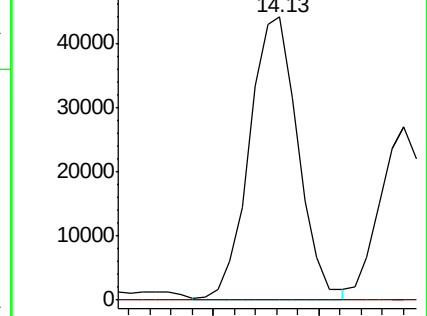
117 100

201 0.0 45.8 137.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.174 ug/l

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD064261.D

Acq: 18 Nov 2019 13:36

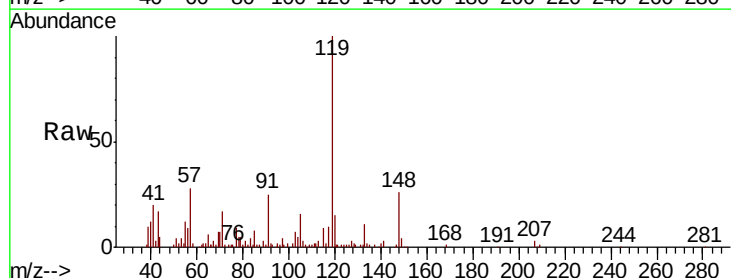
Tgt Ion: 75 Resp: 1004

Ion Ratio Lower Upper

75 100

155 21.6 48.0 144.0#

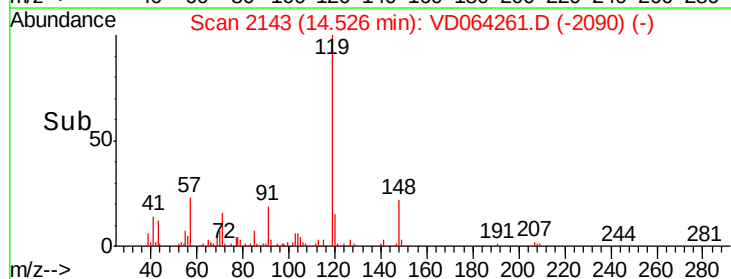
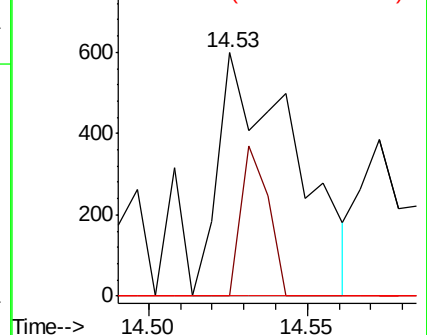
157 0.0 61.5 184.4#

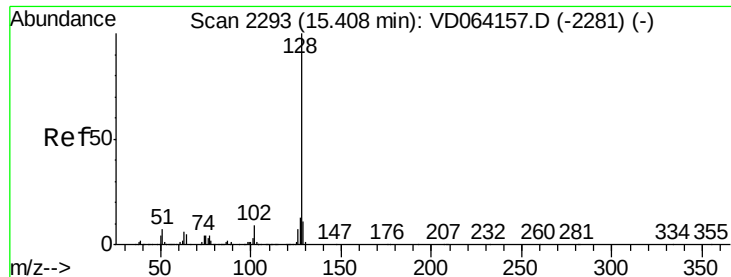


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

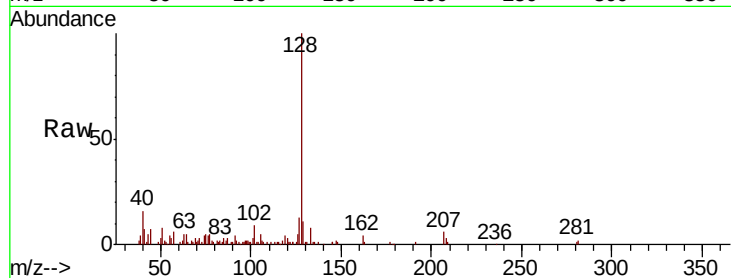




#95
 Naphthalene
 Concen: 8.652 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD064261.D
 Acq: 18 Nov 2019 13:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.5	15.7
129	10.0	8.6	13.0



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

