

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064186.D
 Acq On : 11 Nov 2019 19:10
 Operator : VA/SY
 Sample : K5777-04
 Misc : 4.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 02:50:21 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	385255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	714587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	513610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.60	152	182963	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	256478	80.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.90%	
35) Dibromofluoromethane	7.92	113	241173	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
50) Toluene-d8	10.34	98	766752	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.64	95	249247	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

					Qvalue
10) Methyl Iodide	4.29	142	444	2.141	ug/l # 60
11) Tert butyl alcohol	5.25	59	1032	4.663	ug/l # 1
13) Acrolein	3.92	56	352	1.880	ug/l # 15
16) Acetone	4.17	43	180159	240.014	ug/l 95
17) Carbon Disulfide	4.40	76	68360	6.781	ug/l 97
18) Methyl Acetate	4.75	43	2844	1.357	ug/l # 58
25) 2-Butanone	7.23	43	78858	81.317	ug/l 92
31) Cyclohexane	7.98	56	21629	3.478	ug/l # 62
36) 1,1-Dichloropropene	7.98	75	25580	3.879	ug/l # 52
37) Ethyl Acetate	7.23	43	78858	28.363	ug/l # 70
38) Carbon Tetrachloride	7.98	117	35257	4.996	ug/l # 16
39) Methylcyclohexane	9.36	83	29692	3.558	ug/l 96
40) Benzene	8.36	78	9164648	508.461	ug/l 95
42) 1,2-Dichloroethane	8.36	62	87686	16.198	ug/l 75
48) Methyl methacrylate	9.42	41	8454	3.018	ug/l # 13
52) Toluene	10.41	92	2191965	184.943	ug/l 99
53) t-1,3-Dichloropropene	10.41	75	27260	4.301	ug/l # 1
55) 1,1,2-Trichloroethane	10.78	97	9275	2.911	ug/l # 30
58) 2-Chloroethyl Vinyl ether	9.93	63	2556	1.416	ug/l # 49
59) 2-Hexanone	10.96	43	10426	5.335	ug/l # 27
65) Chlorobenzene	11.84	112	595777	57.043	ug/l # 50
67) Ethyl Benzene	11.84	91	2579306	136.529	ug/l # 8
68) m/p-Xylenes	11.85	106	3275976	452.401	ug/l # 20
70) Styrene	12.20	104	4484143	382.508	ug/l # 1
74) N-amyl acetate	12.28	43	23769	7.495	ug/l # 34
75) 1,1,2,2-Tetrachloroethane	12.70	83	7255	3.585	ug/l # 23
76) 1,2,3-Trichloropropane	12.76	75	136723	92.775	ug/l # 100
78) n-propylbenzene	12.83	91	16450885	1072.187	ug/l 91
79) 2-Chlorotoluene	12.90	91	42432313	4898.379	ug/l # 39
80) 1,3,5-Trimethylbenzene	12.87	105	2812410	254.863	ug/l # 35
81) trans-1,4-Dichloro-2-buten	12.49	75	1108504	1494.135	ug/l # 65
82) 4-Chlorotoluene	12.98	91	6292009	696.388	ug/l # 39
83) tert-Butylbenzene	13.28	119	19384259	1992.134	ug/l # 59
84) 1,2,4-Trimethylbenzene	13.41	105	312080	28.646	ug/l # 30

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

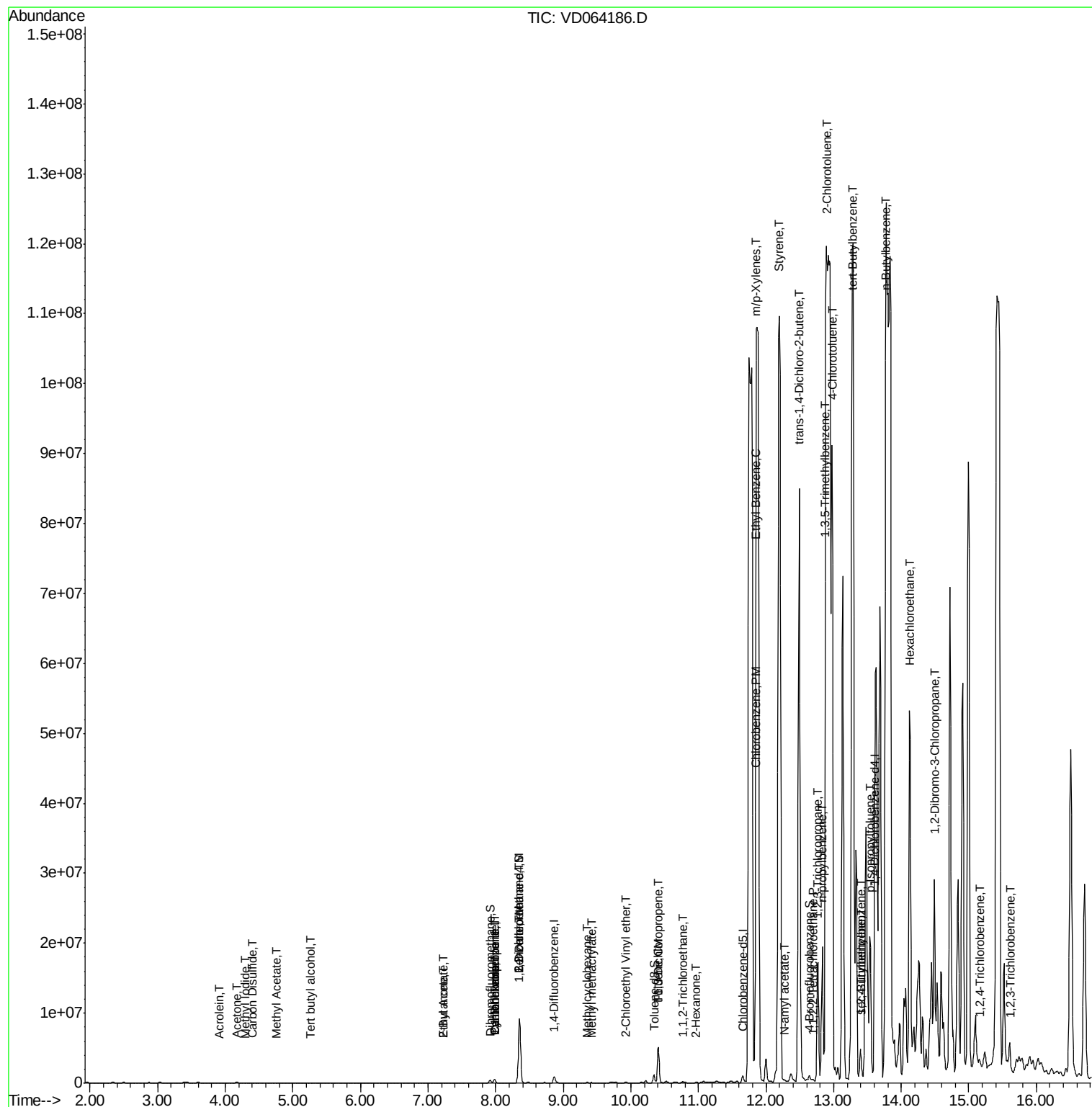
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.41	105	312080	23.880	ug/l #	55
86) p-Isopropyltoluene	13.54	119	11752381	945.905	ug/l	91
89) n-Butylbenzene	13.78	91	4077822	363.285	ug/l #	1
90) Hexachloroethane	14.12	117	5914533	2575.828	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.49	75	105157	290.648	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	5976	1.511	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.63	180	10566	3.143	ug/l #	12

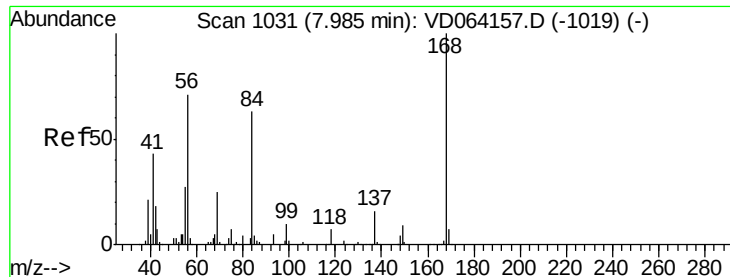
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

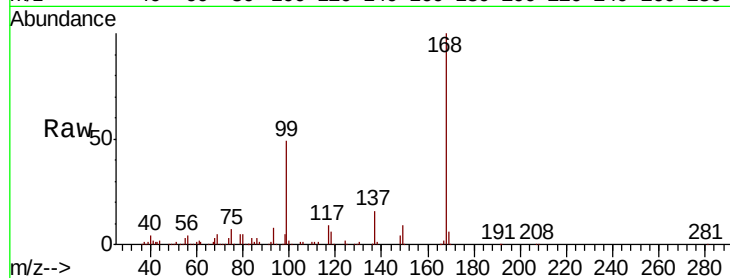
ClientSampleId :

Tot Ion:168 Resp: 385255

Ion Ratio Lower Upper

168 100

99 48.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

200000

150000

100000

50000

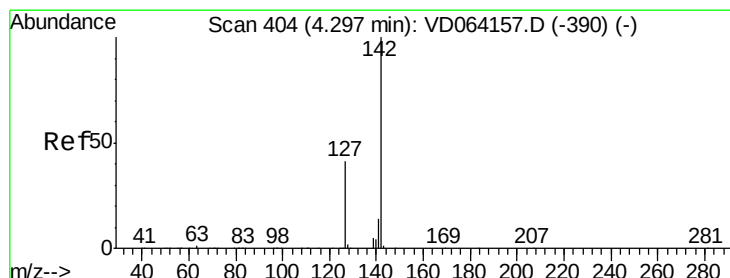
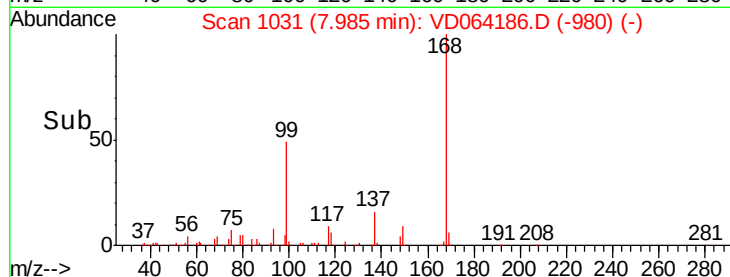
0

7.90

8.00

8.10

Time-->



#10

Methyl Iodide

Concen: 2.141 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

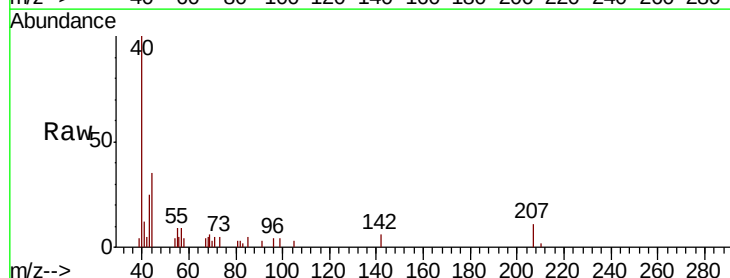
Tgt Ion:142 Resp: 444

Ion Ratio Lower Upper

142 100

127 16.0 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

500

400

300

200

100

0

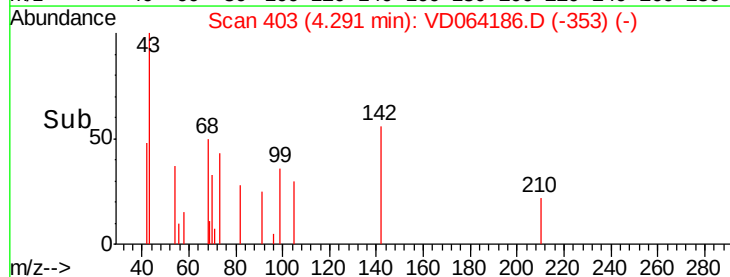
4.24

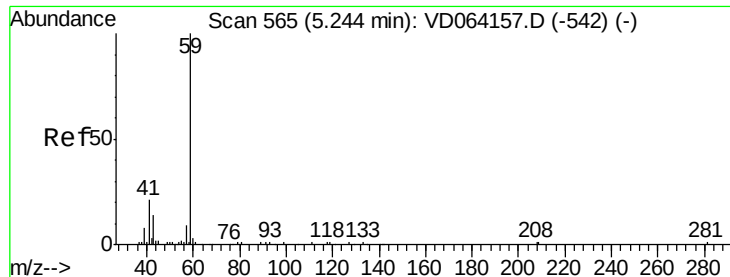
4.26

4.28

4.30

Time-->

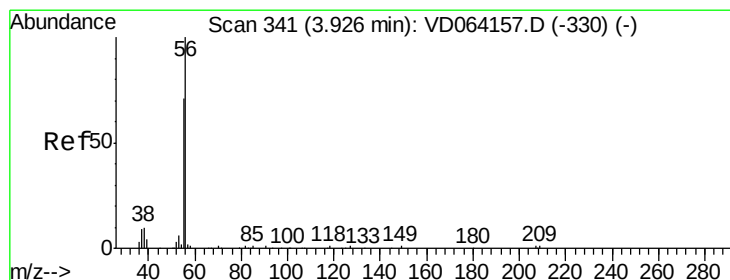
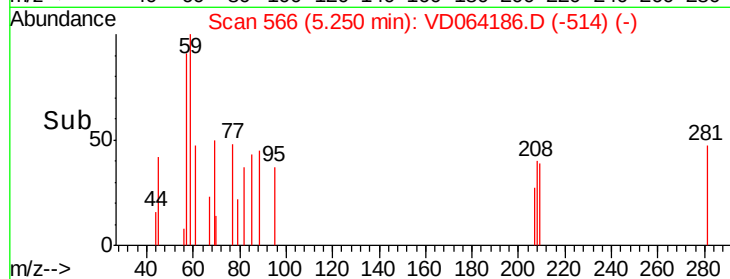
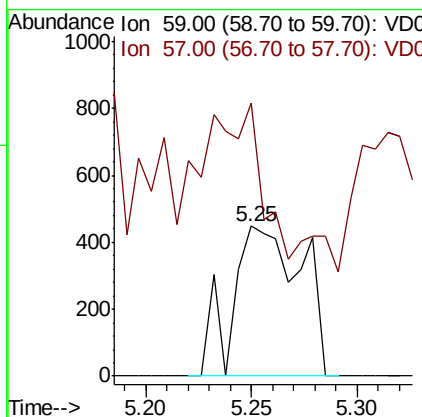
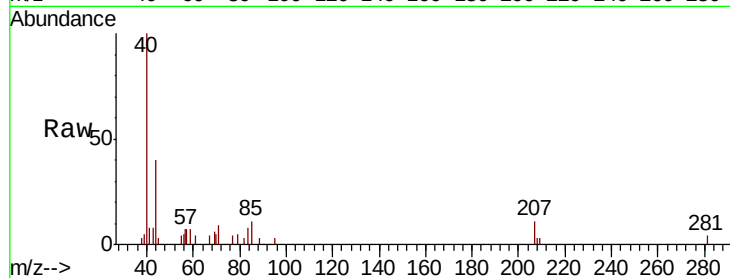




#11
Tert butyl alcohol
Concen: 4.663 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

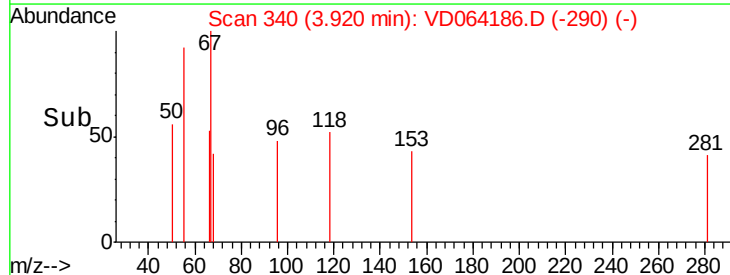
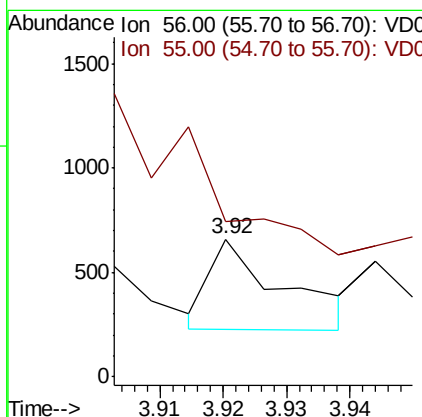
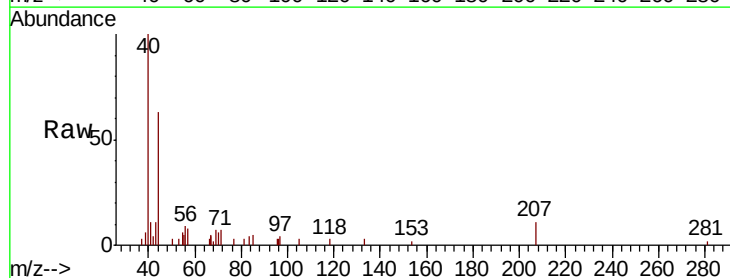
Instrument :
MSVOA_D
ClientSampleId :

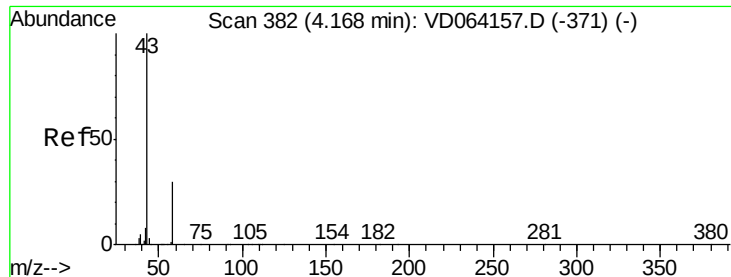
Tot Ion: 59 Resp: 1032
Ion Ratio Lower Upper
59 100
57 82.8 9.4 14.2#



#13
Acrolein
Concen: 1.880 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 56 Resp: 352
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#

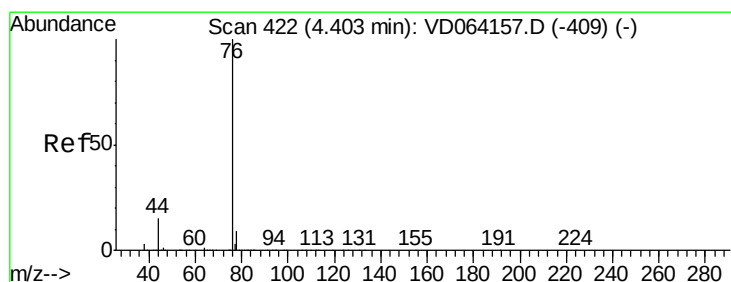
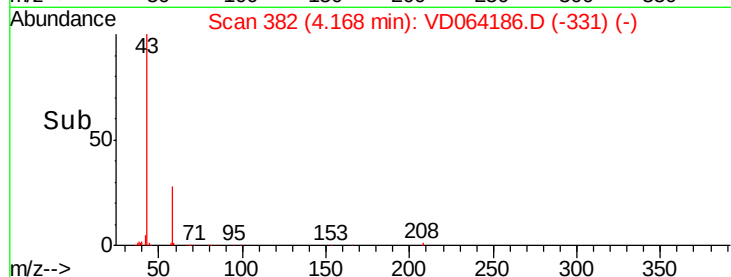
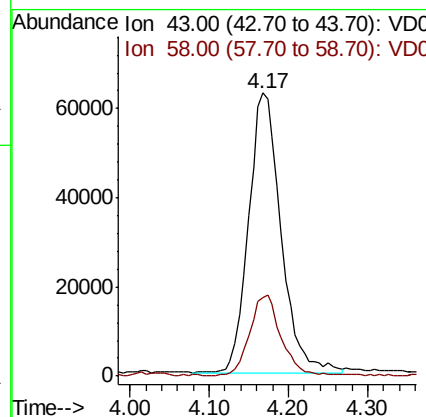
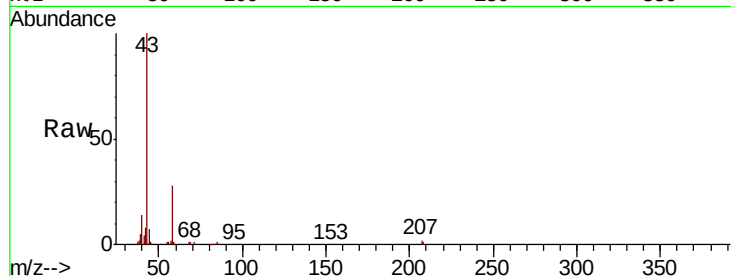




#16
Acetone
Concen: 240.014 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

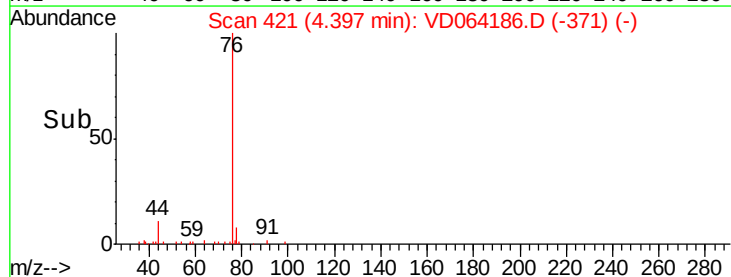
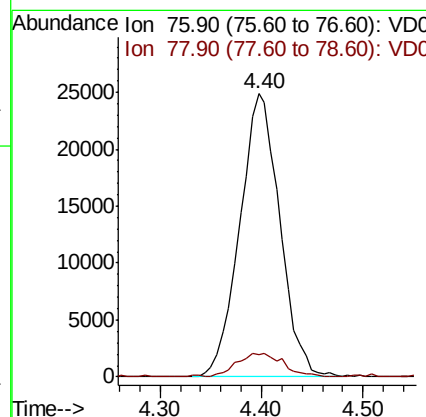
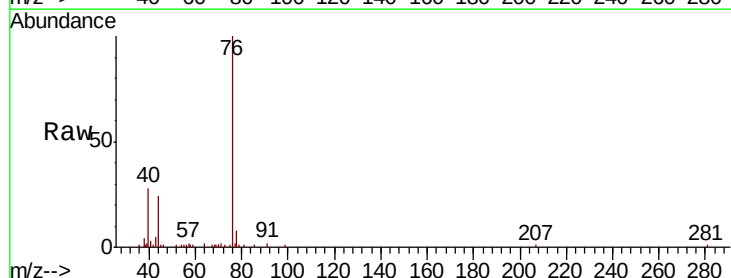
Instrument :
MSVOA_D
ClientSampleId :

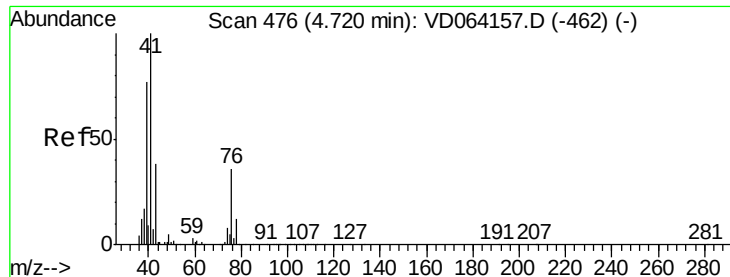
Tot Ion: 43 Resp: 180159
Ion Ratio Lower Upper
43 100
58 27.4 24.1 36.1



#17
Carbon Disulfide
Concen: 6.781 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 76 Resp: 68360
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

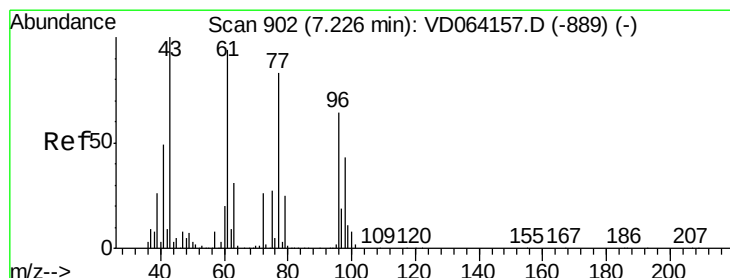
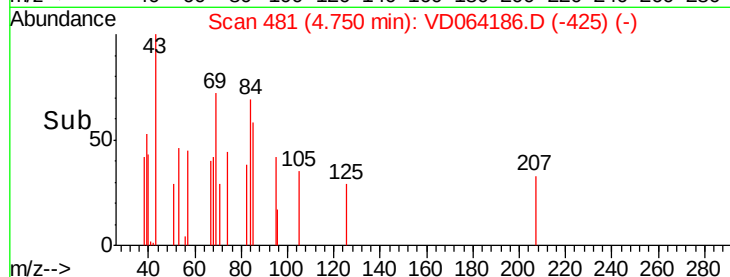
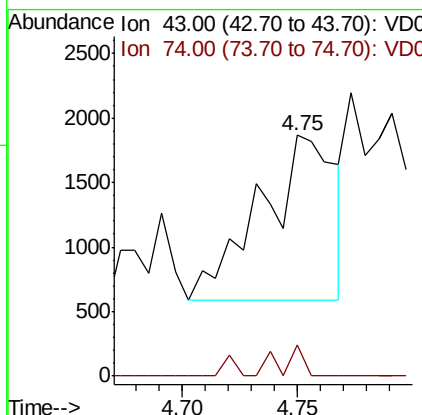
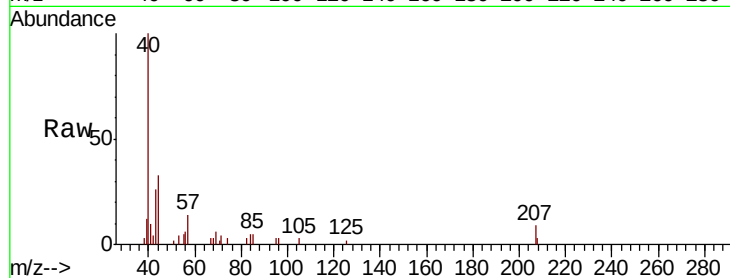




#18
Methvl Acetate
Concen: 1.357 ug/l
RT: 4.75 min Scan# 481
Delta R.T. 0.03 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

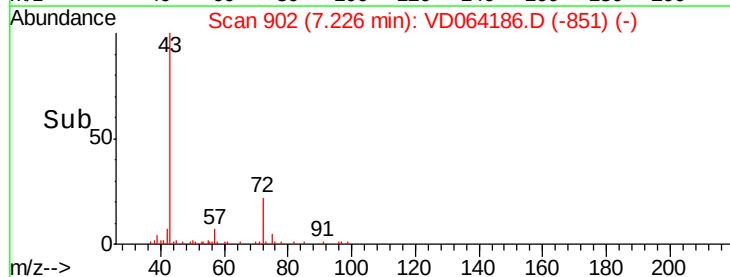
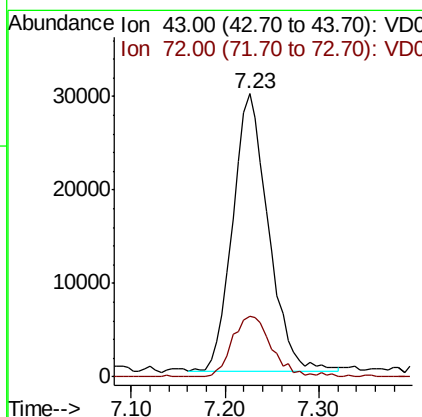
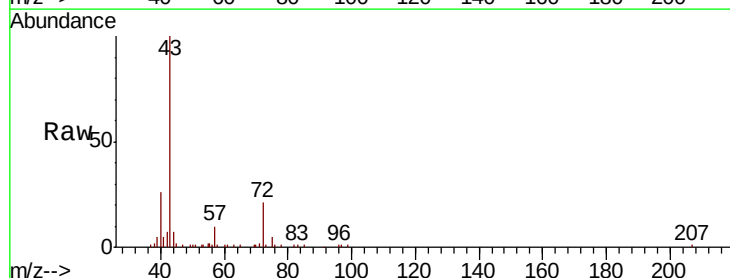
Instrument :
MSVOA_D
ClientSampleId :

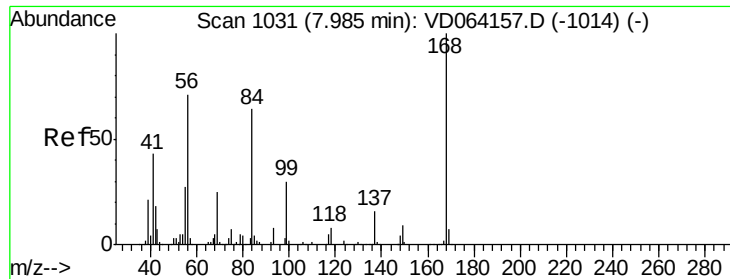
Tot Ion: 43 Resp: 2844
Ion Ratio Lower Upper
43 100
74 2.4 18.4 27.6#



#25
2-Butanone
Concen: 81.317 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 43 Resp: 78858
Ion Ratio Lower Upper
43 100
72 21.8 20.6 30.8

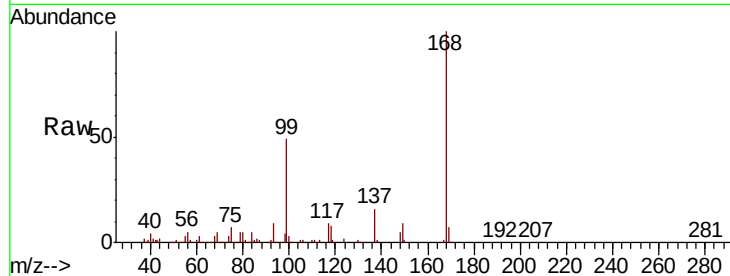




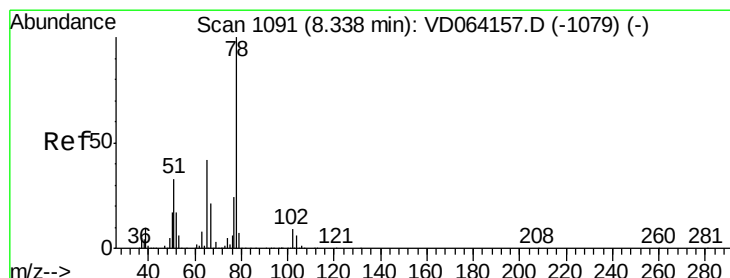
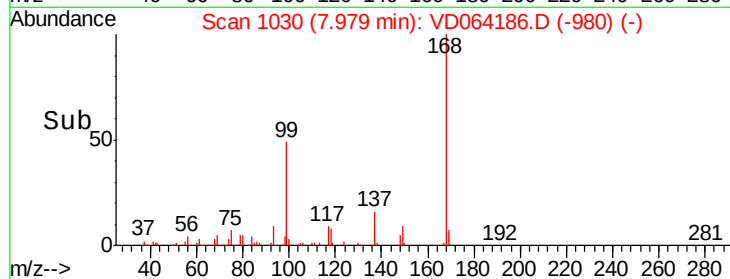
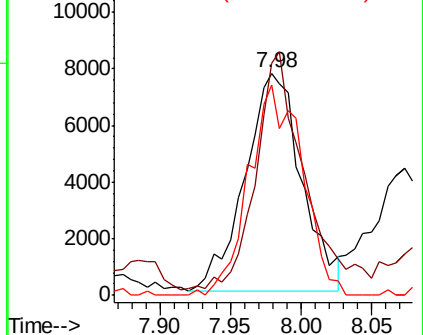
#31
Cyclohexane
Concen: 3.478 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 21629
Ion Ratio Lower Upper
56 100
69 103.8 28.2 42.4#
84 96.5 71.8 107.6

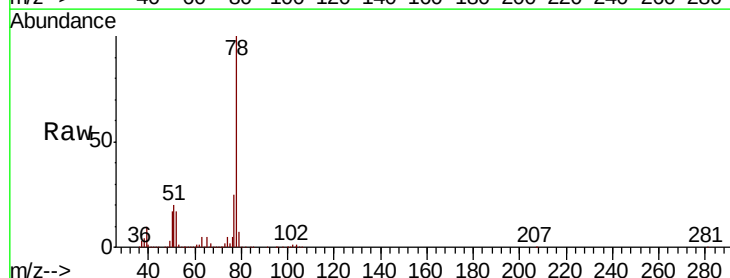


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

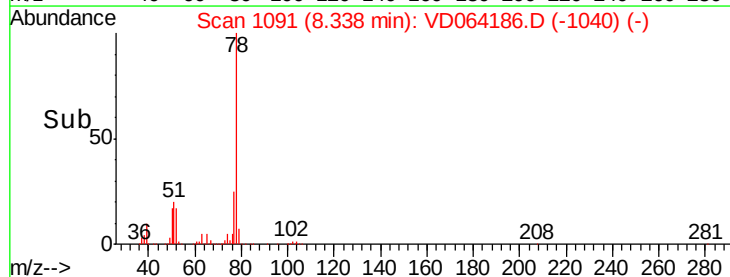
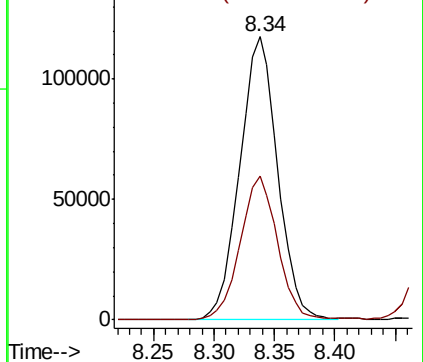


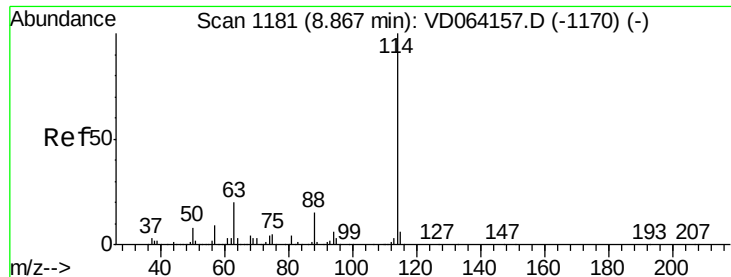
#33
1,2-Dichloroethane-d4
Concen: 80.946 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 65 Resp: 256478
Ion Ratio Lower Upper
65 100
67 50.0 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: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

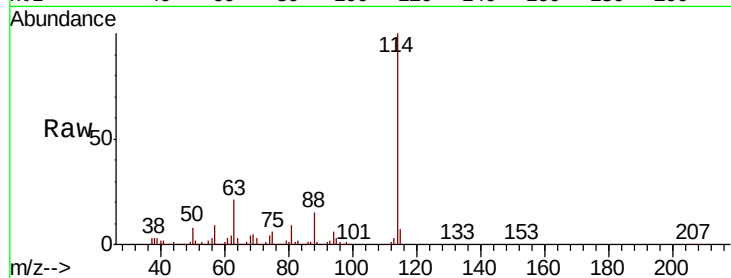
Tot Ion:114 Resp: 714587

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

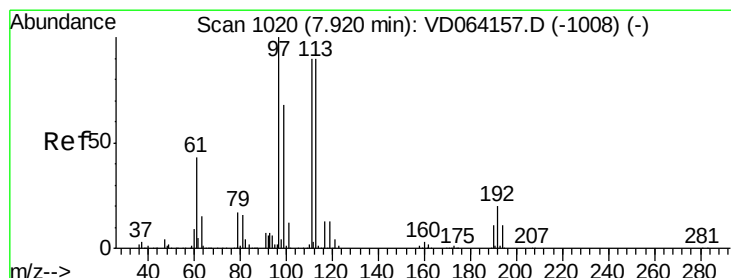
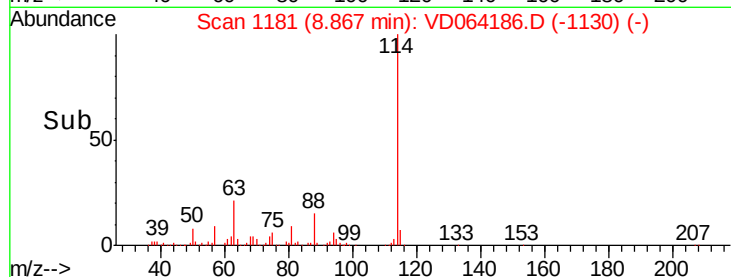
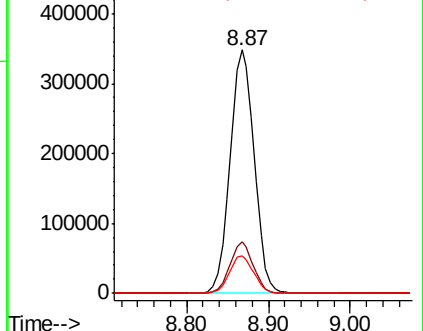
88 15.3 0.0 30.2



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: 58.796 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

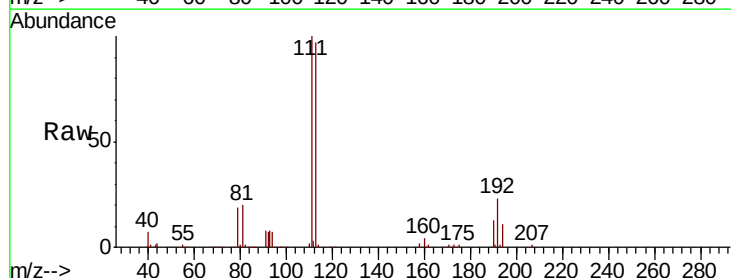
Tgt Ion:113 Resp: 241173

Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

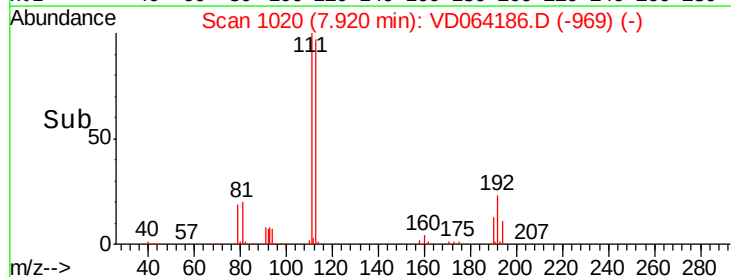
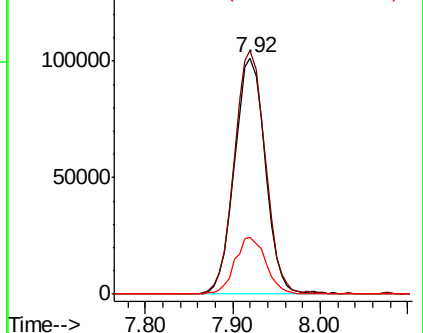
192 24.4 18.8 28.2

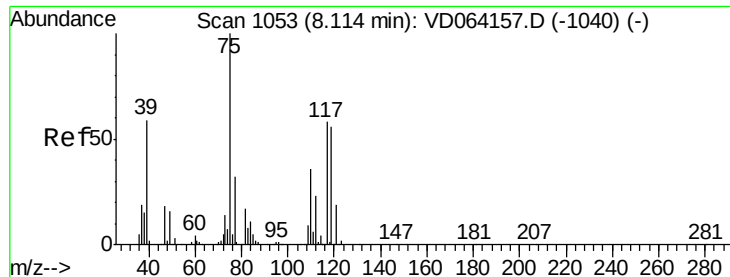


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

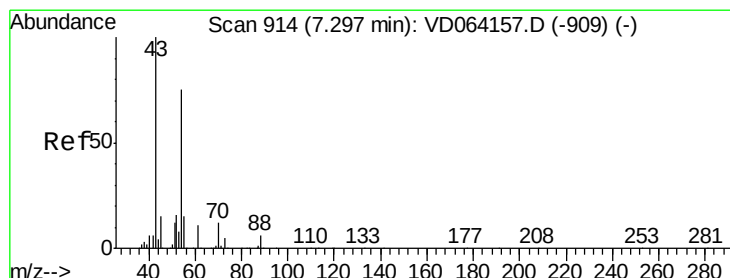
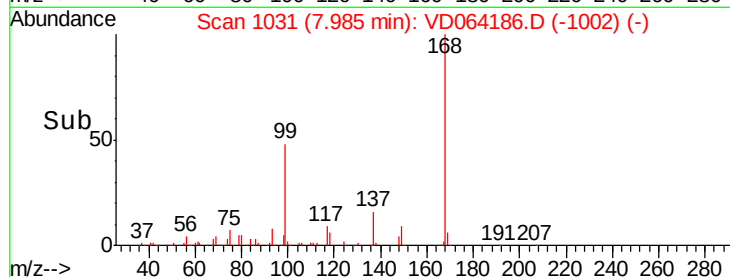
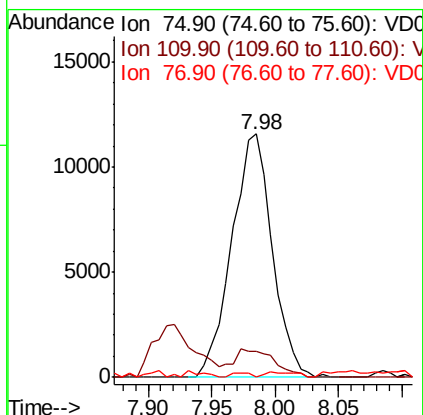
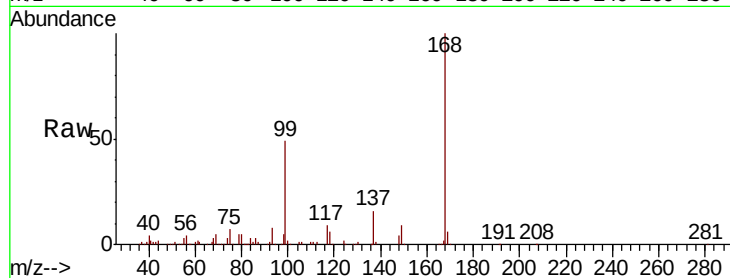




#36
 1,1-Dichloropropene
 Concen: 3.879 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

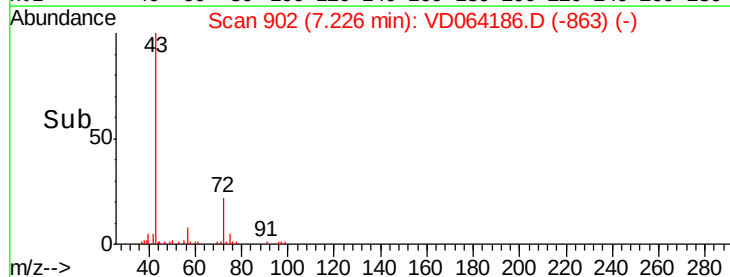
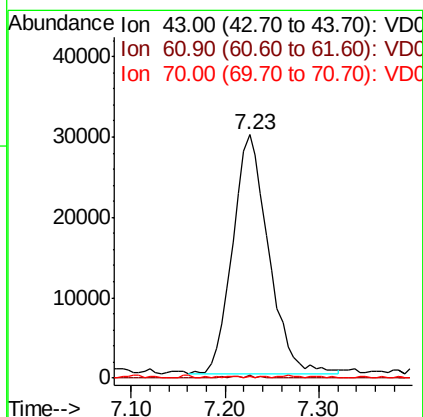
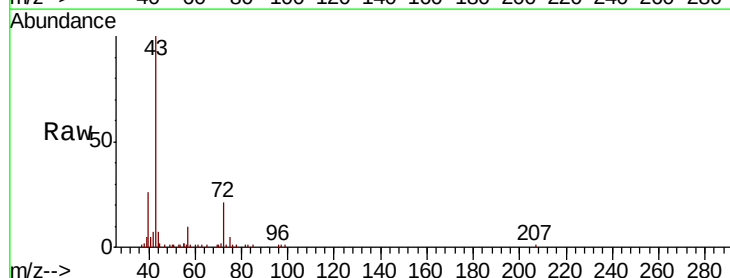
Instrument :
 MSVOA_D
 ClientSampled :

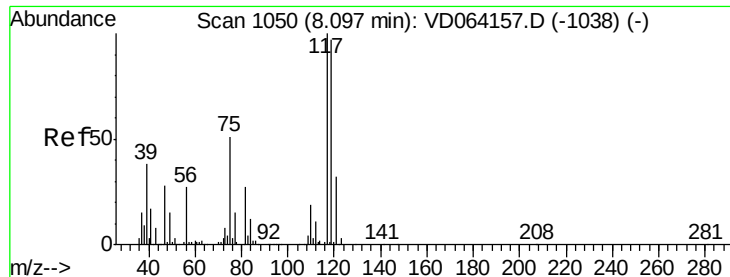
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.0	18.3	54.9#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 28.363 ug/l
 RT: 7.23 min Scan# 902
 Delta R.T. -0.07 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.3	10.2	15.2#
70	0.1	8.5	12.7#

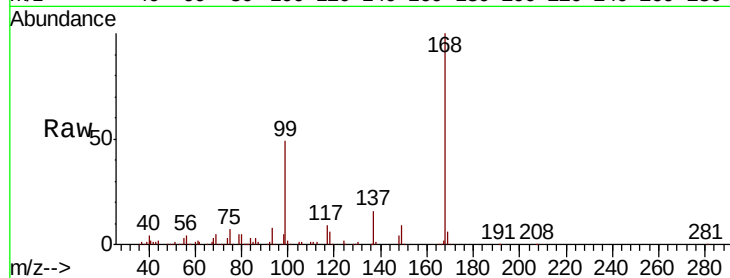




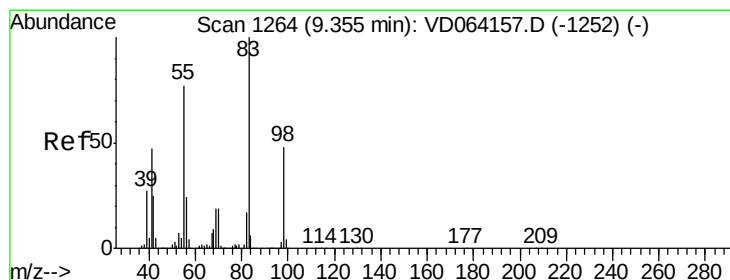
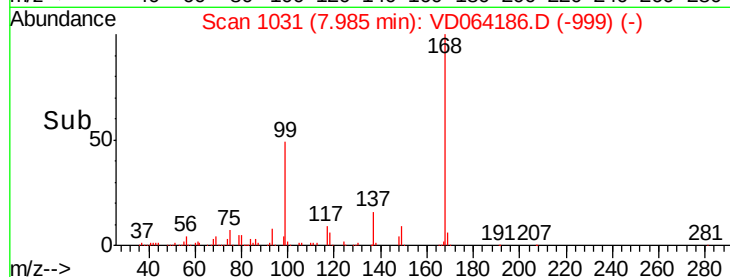
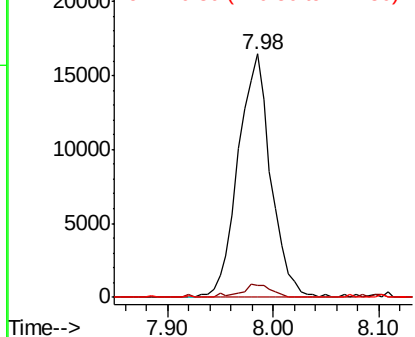
#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 35257
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.5 38.3#

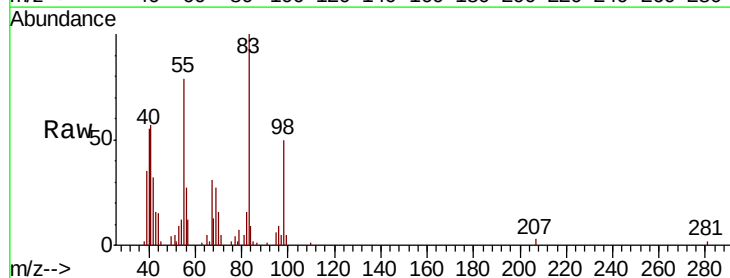


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

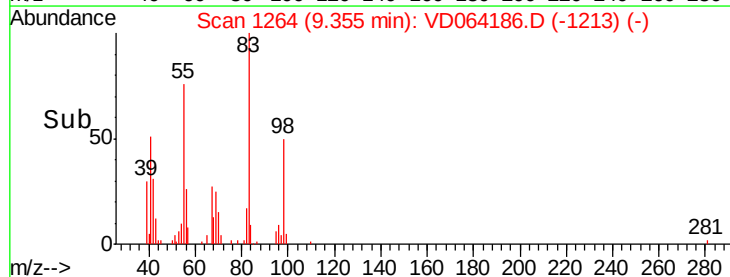
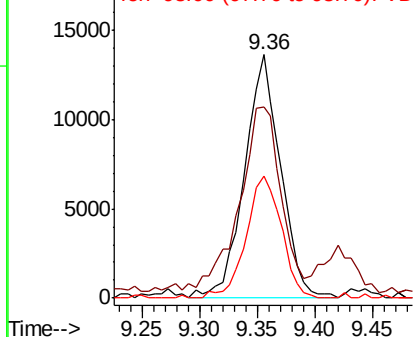


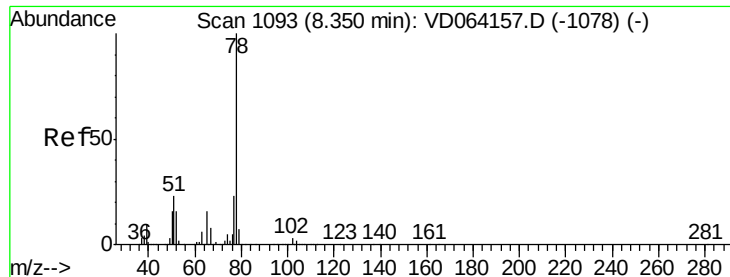
#39
Methylcyclohexane
Concen: 3.558 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 83 Resp: 29692
Ion Ratio Lower Upper
83 100
55 72.6 61.7 92.5
98 50.3 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





#40

Benzene

Concen: 508.461 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

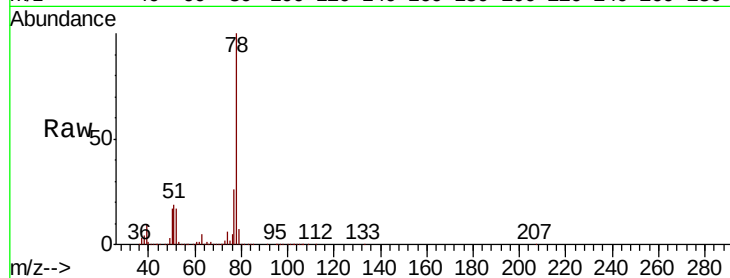
ClientSampled :

Tot Ion: 78 Resp: 9164648

Ion Ratio Lower Upper

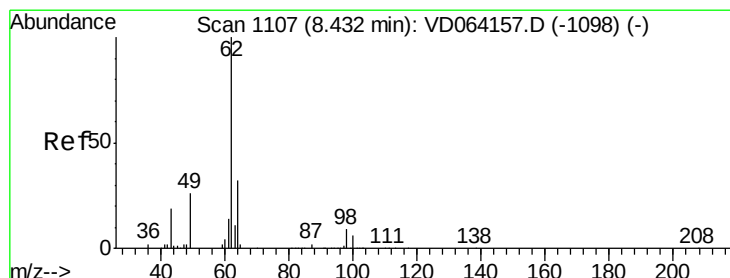
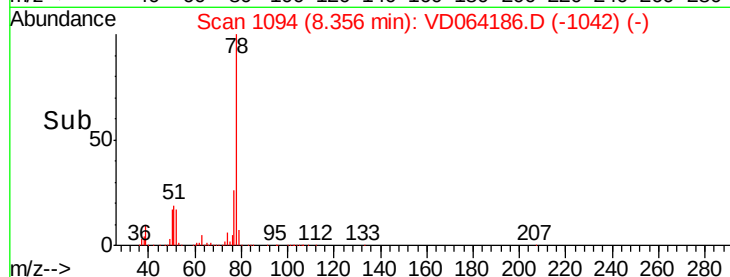
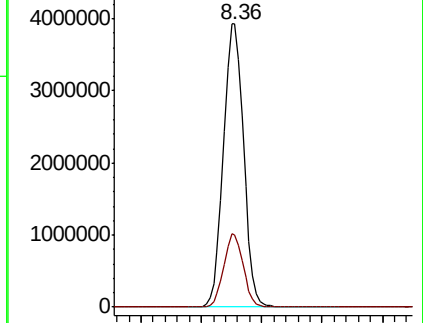
78 100

77 25.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC



#42

1,2-Dichloroethane

Concen: 16.198 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.08 min

Lab File: VD064186.D

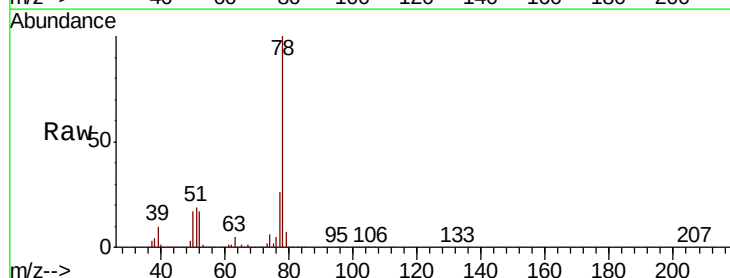
Acq: 11 Nov 2019 19:10

Tgt Ion: 62 Resp: 87686

Ion Ratio Lower Upper

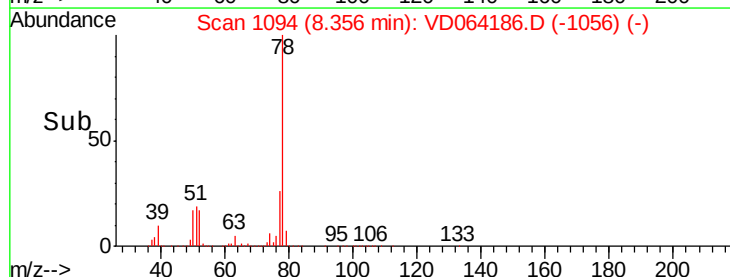
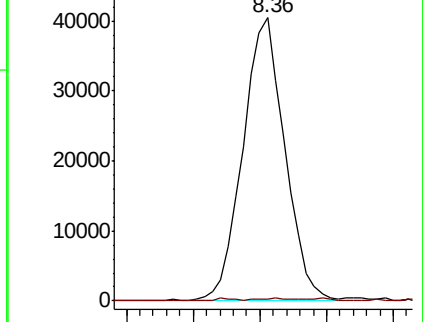
62 100

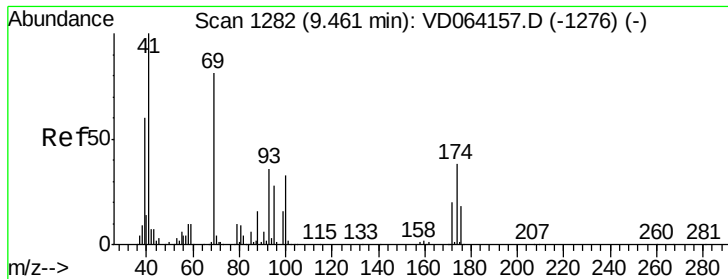
98 0.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

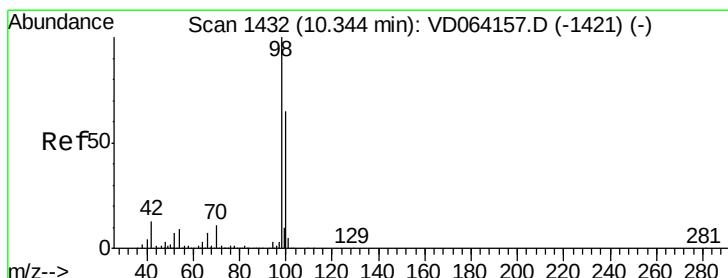
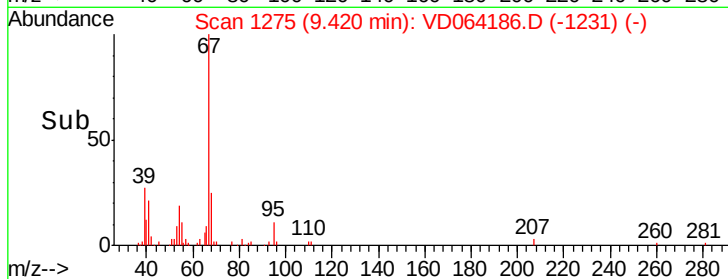
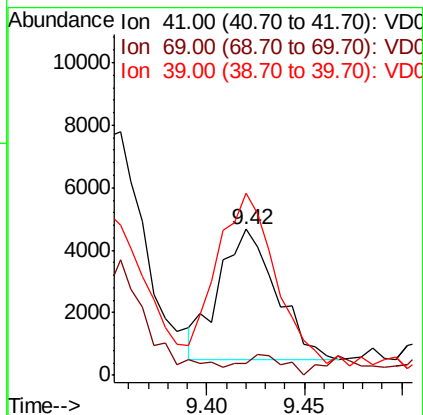
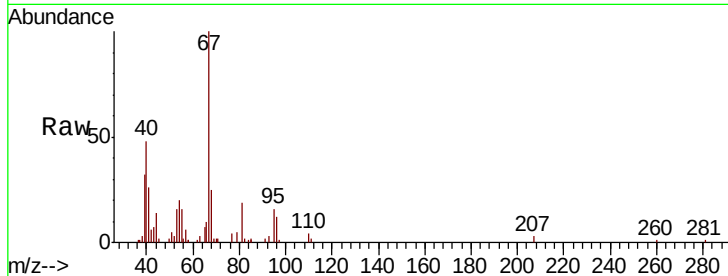




#48
Methvl methacrylate
Concen: 3.018 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. -0.04 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

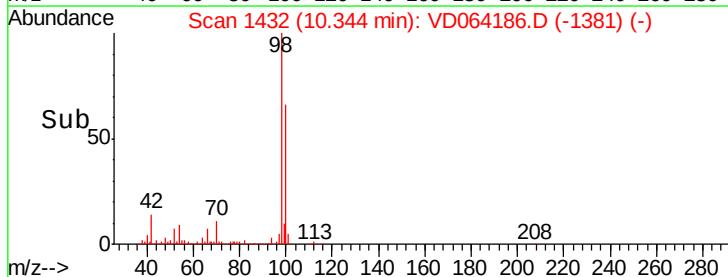
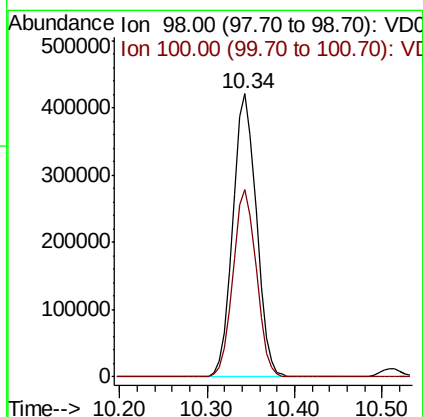
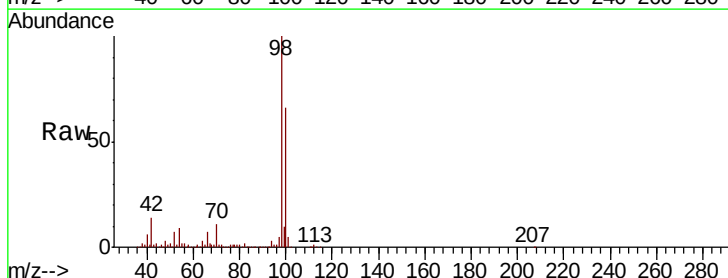
Instrument :
MSVOA_D
ClientSampled :

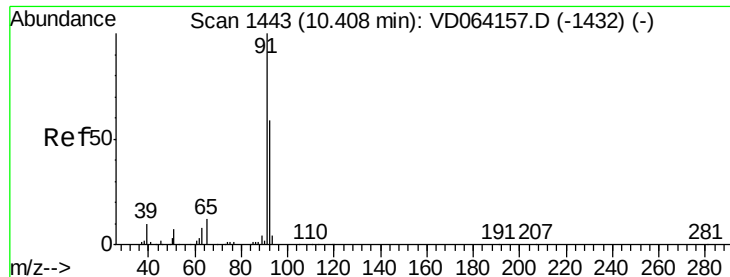
Tot Ion: 41 Resp: 8454
Ion Ratio Lower Upper
41 100
69 12.0 64.6 97.0#
39 136.4 48.2 72.2#



#50
Toluene-d8
Concen: 49.551 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 98 Resp: 766752
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#52

Toluene

Concen: 184.943 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

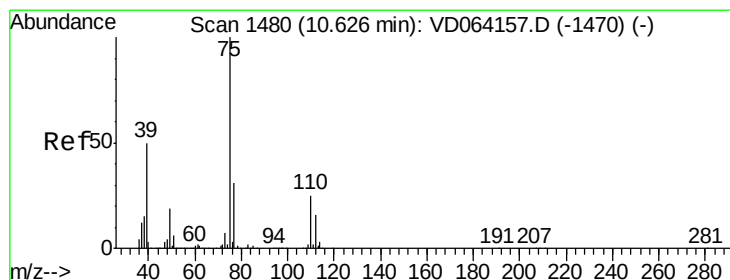
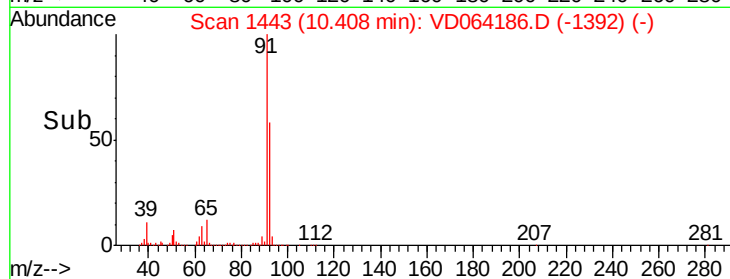
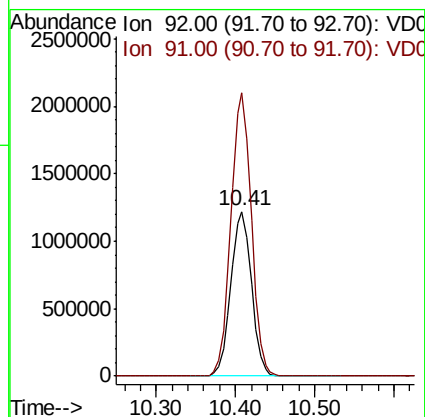
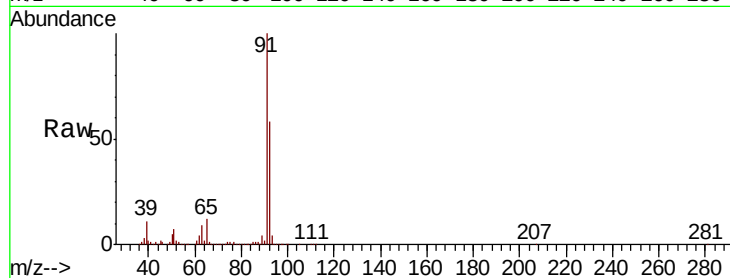
ClientSampleId :

Tot Ion: 92 Resp: 2191965

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 4.301 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.22 min

Lab File: VD064186.D

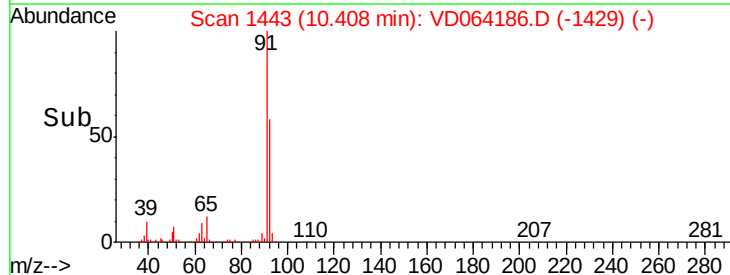
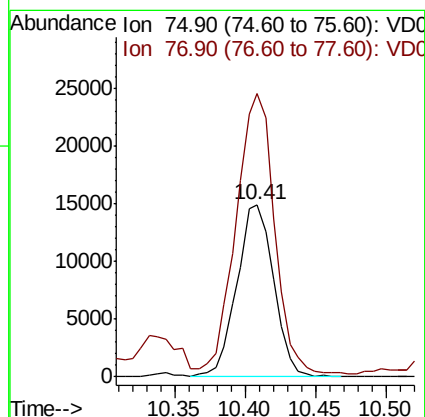
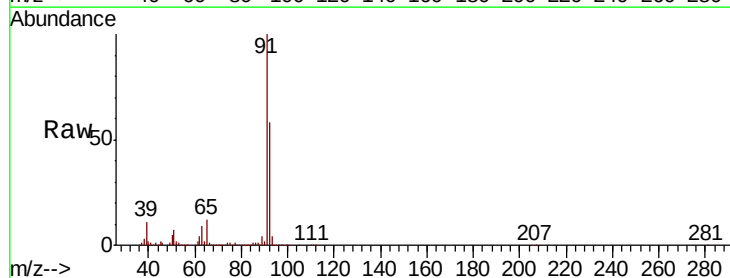
Acq: 11 Nov 2019 19:10

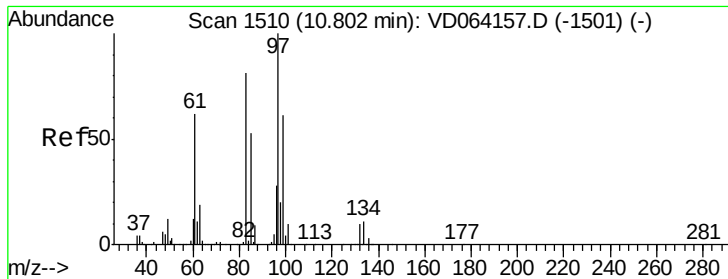
Tgt Ion: 75 Resp: 27260

Ion Ratio Lower Upper

75 100

77 162.2 24.7 37.1#





#55

1,1,2-Trichloroethane

Concen: 2.911 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 9275

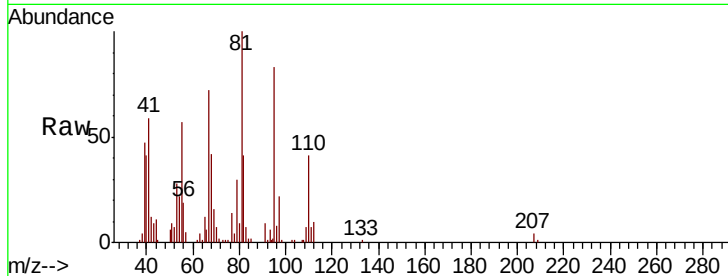
Ion Ratio Lower Upper

97 100

83 21.6 65.1 97.7#

85 7.0 42.0 63.0#

99 0.0 48.9 73.3#



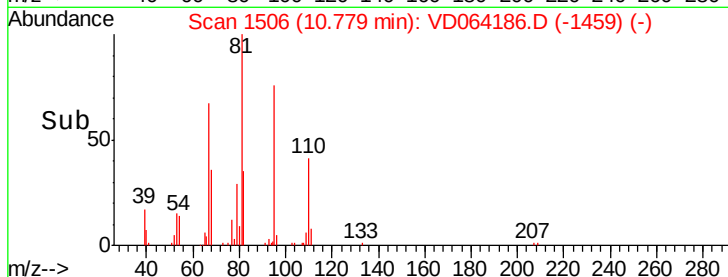
Abundance Ion 96.90 (96.60 to 97.60): VDC

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

Time-->



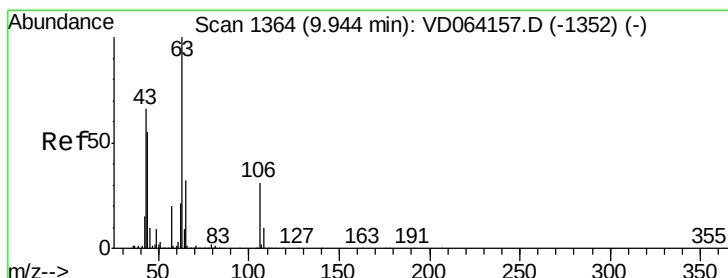
Abundance Ion 96.90 (96.60 to 97.60): VDC

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

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1.416 ug/l

RT: 9.93 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VD064186.D

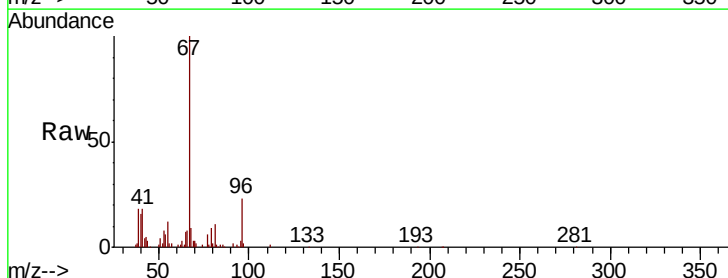
Acq: 11 Nov 2019 19:10

Tgt Ion: 63 Resp: 2556

Ion Ratio Lower Upper

63 100

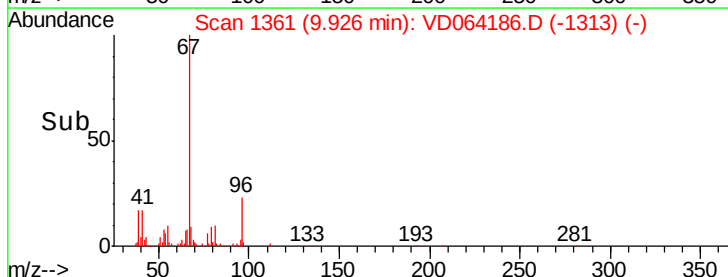
106 2.3 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

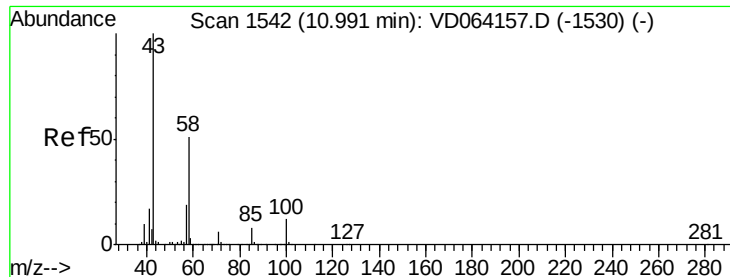
Time-->



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

Time-->



#59

2-Hexanone

Concen: 5.335 ug/l

RT: 10.96 min Scan# 1537

Delta R.T. -0.03 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

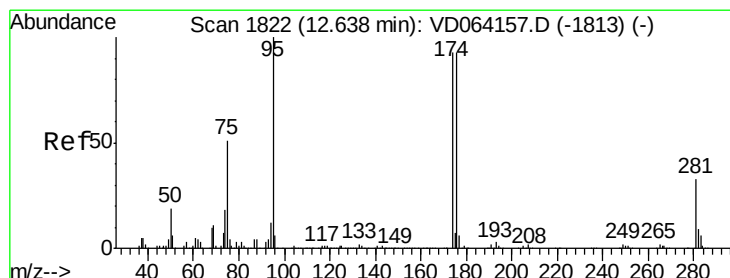
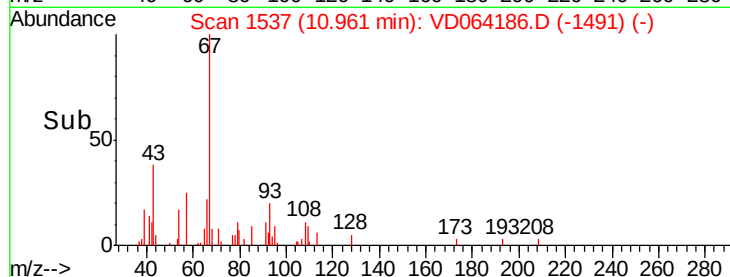
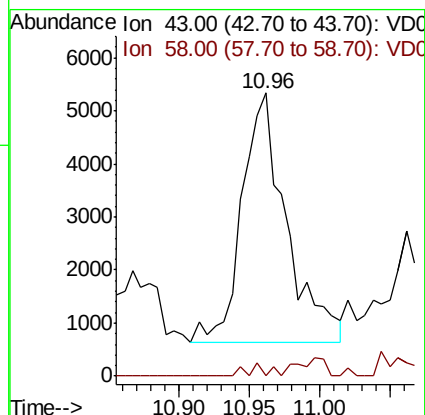
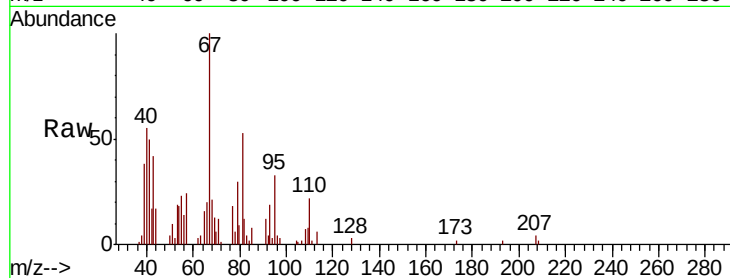
ClientSampled :

Tot Ion: 43 Resp: 10426

Ion Ratio Lower Upper

43 100

58 0.8 25.9 77.7#



#62

4-Bromofluorobenzene

Concen: 46.512 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

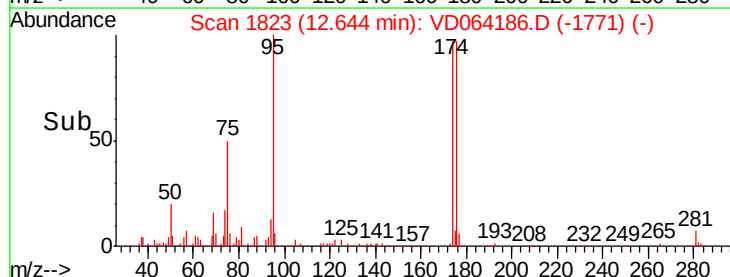
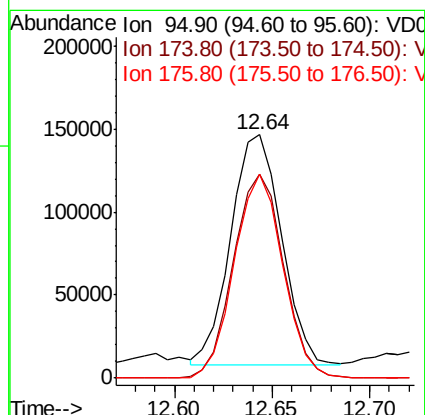
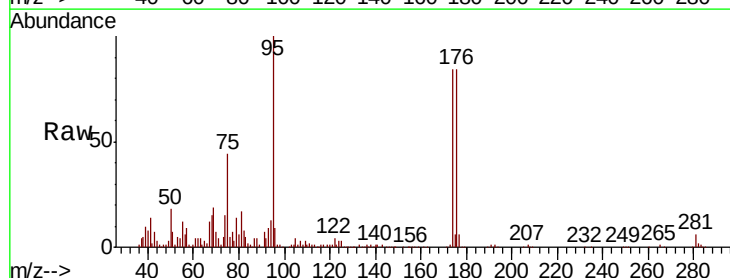
Tgt Ion: 95 Resp: 249247

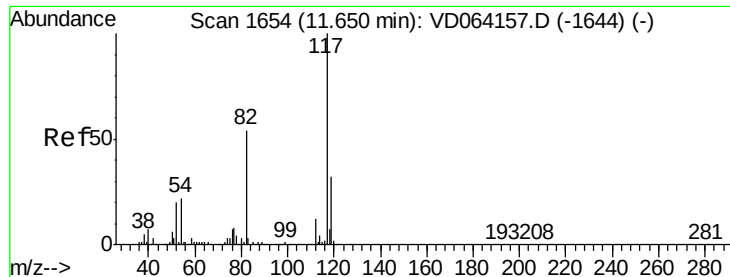
Ion Ratio Lower Upper

95 100

174 88.1 0.0 183.6

176 85.1 0.0 180.2

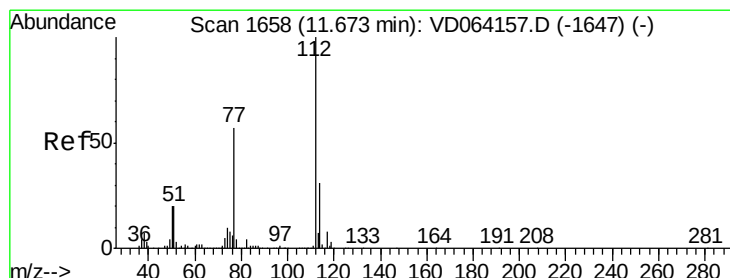
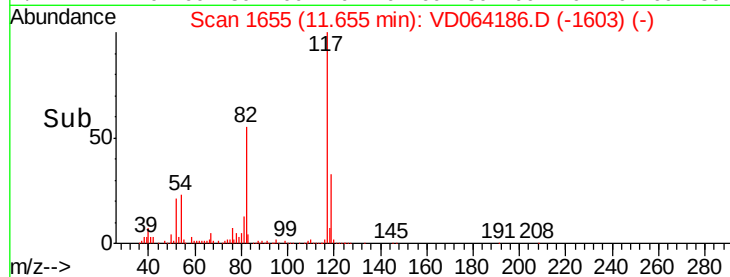
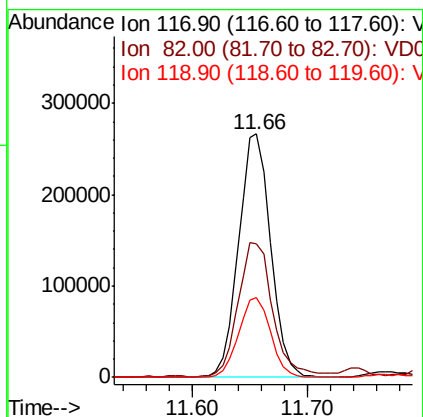
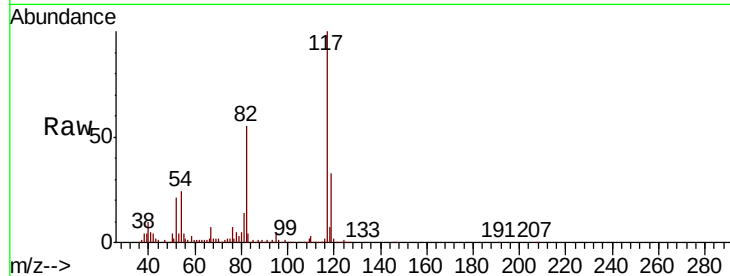




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

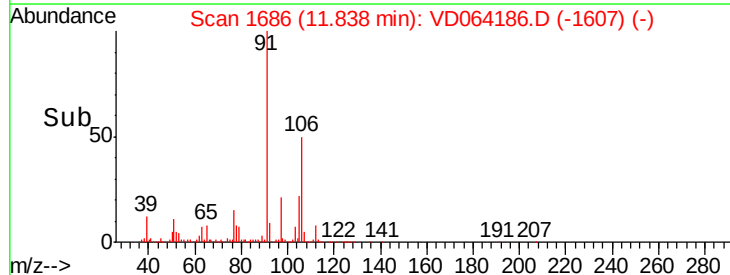
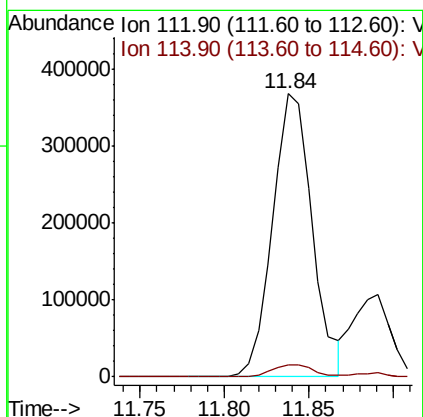
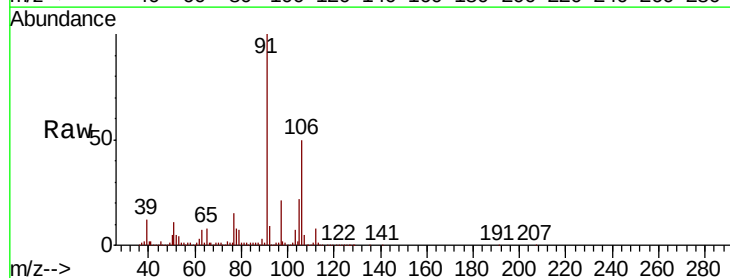
Instrument :
MSVOA_D
ClientSampleId :

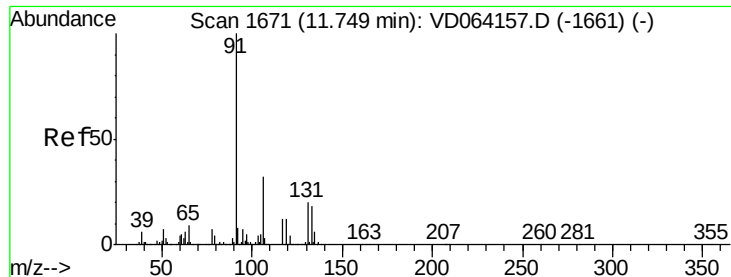
Tot Ion:117 Resp: 513610
Ion Ratio Lower Upper
117 100
82 54.6 42.8 64.2
119 32.7 25.6 38.4



#65
Chlorobenzene
Concen: 57.043 ug/l
RT: 11.84 min Scan# 1686
Delta R.T. 0.16 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion:112 Resp: 595777
Ion Ratio Lower Upper
112 100
114 4.1 25.2 37.8#





#67

Ethyl Benzene

Concen: 136.529 ug/l

RT: 11.84 min Scan# 1687

Delta R.T. 0.09 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

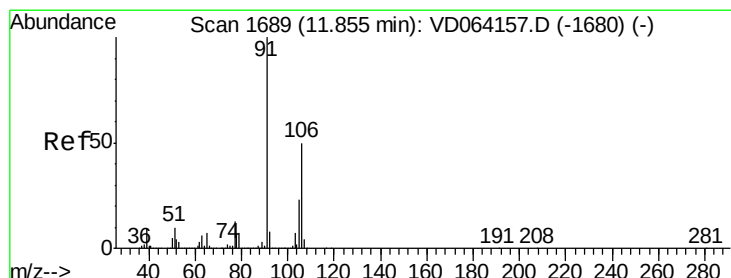
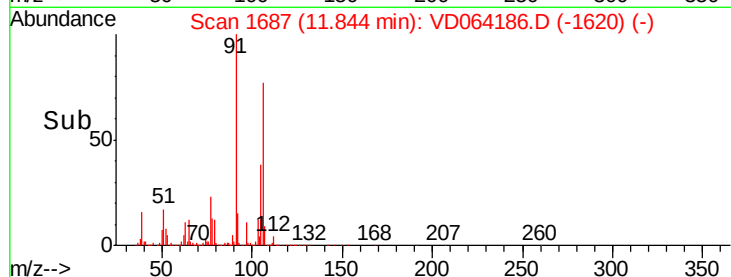
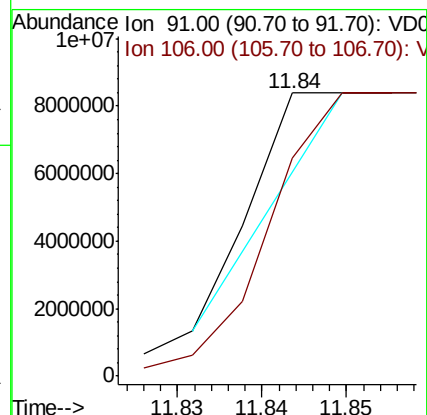
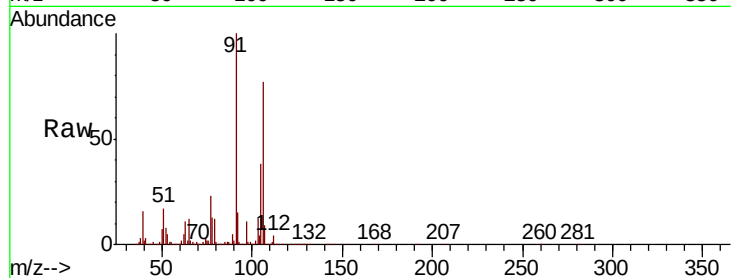
ClientSampled :

Tot Ion: 91 Resp: 2579306

Ion Ratio Lower Upper

91 100

106 83.0 25.5 38.3#



#68

m/p-Xylenes

Concen: 452.401 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD064186.D

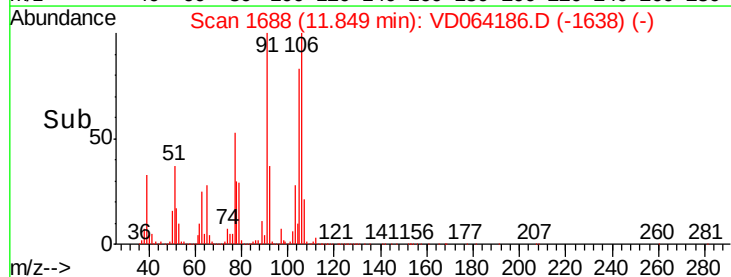
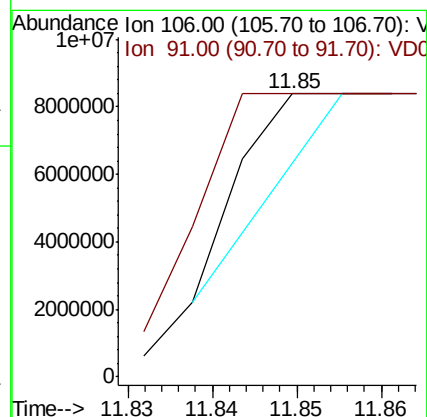
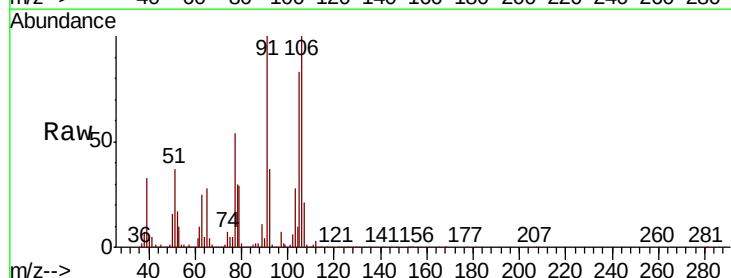
Acq: 11 Nov 2019 19:10

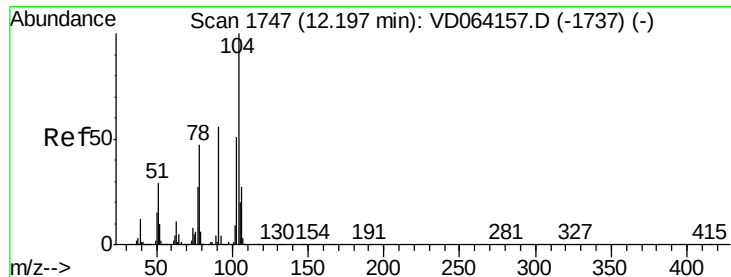
Tgt Ion: 106 Resp: 3275976

Ion Ratio Lower Upper

106 100

91 78.7 160.3 240.5#





#70

Stvrene

Concen: 382.508 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

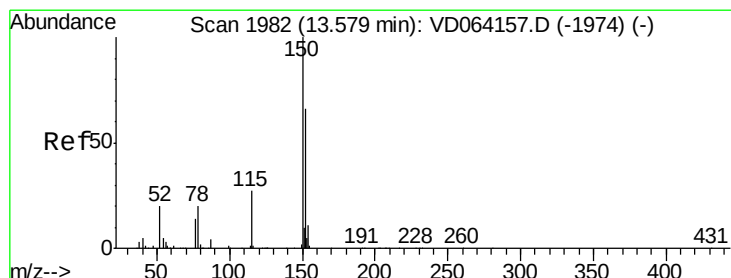
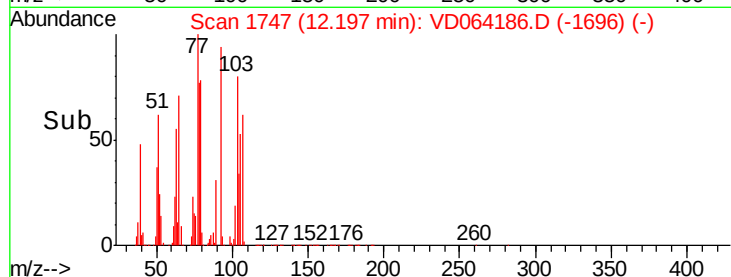
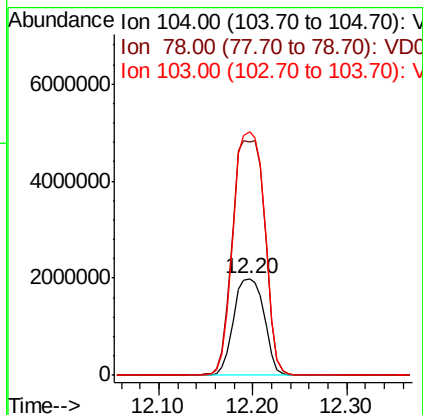
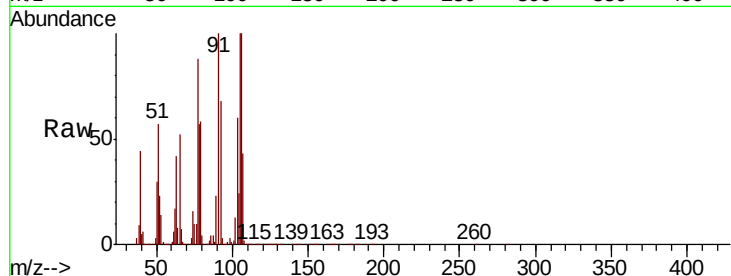
Tot Ion:104 Resp: 4484143

Ion Ratio Lower Upper

104 100

78 258.9 39.9 59.9#

103 259.0 43.4 65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.02 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

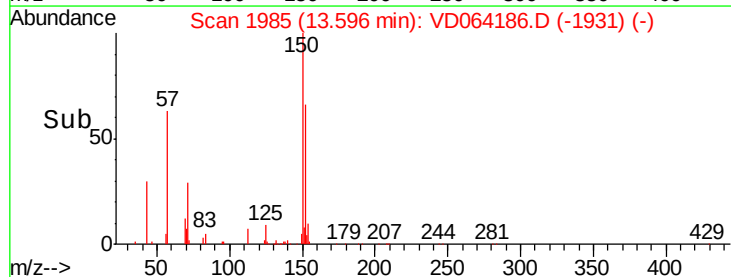
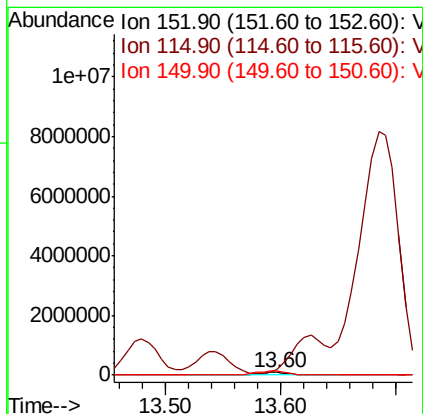
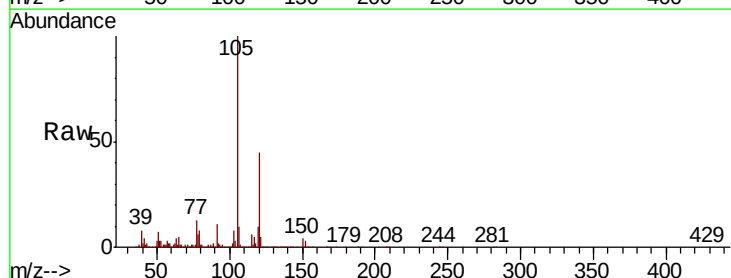
Tgt Ion:152 Resp: 182963

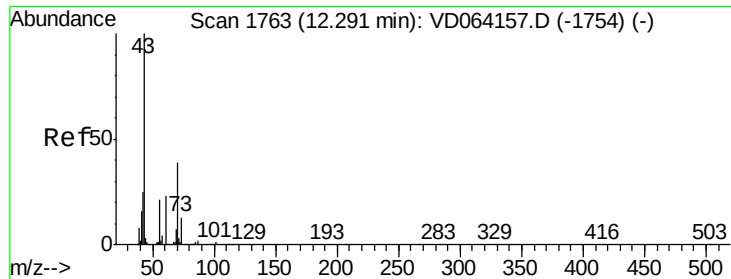
Ion Ratio Lower Upper

152 100

115 0.0 27.4 82.2#

150 149.3 0.0 351.6

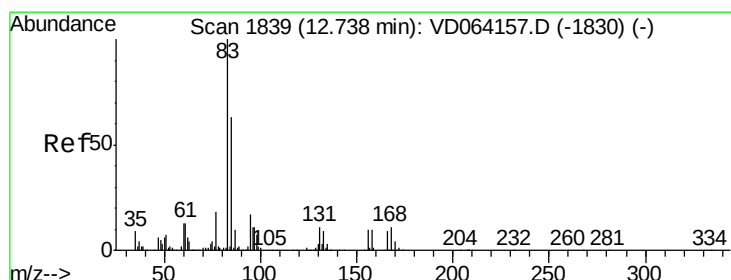
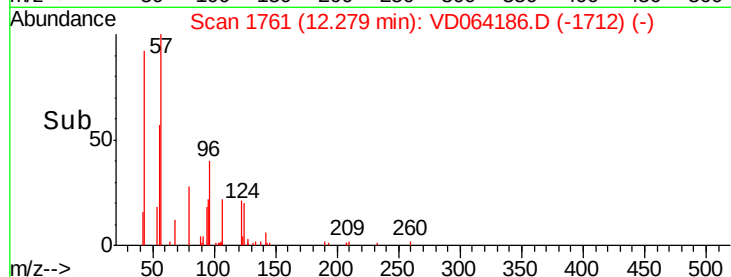
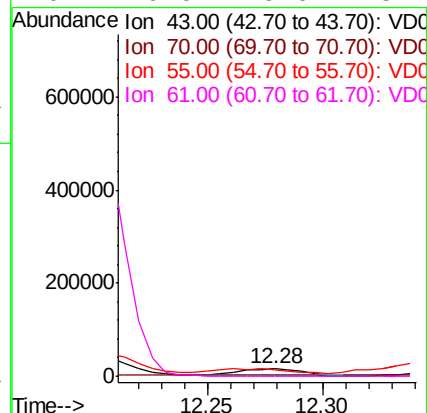
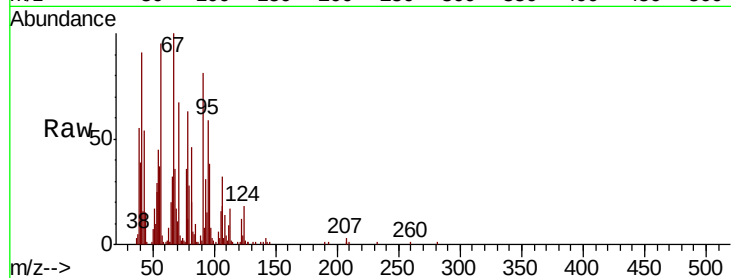




#74
N-amvl acetate
Concen: 7.495 ug/l
RT: 12.28 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

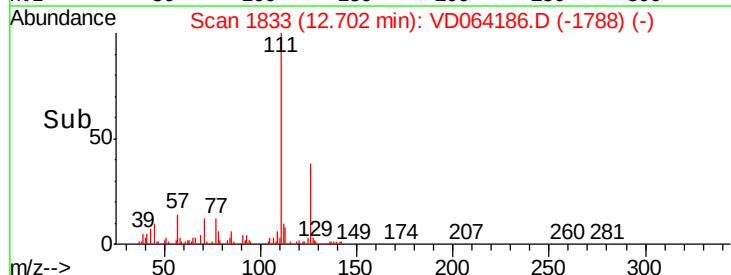
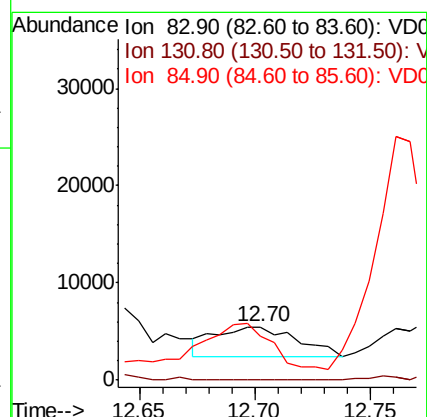
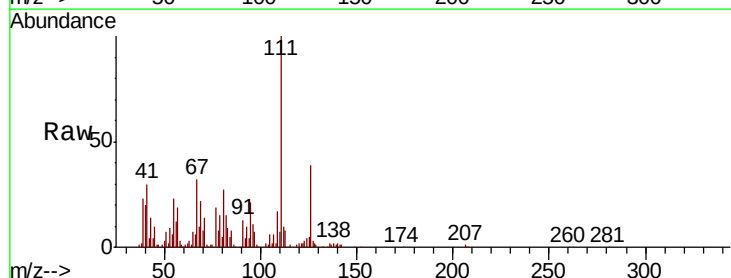
Instrument :
MSVOA_D
ClientSampleId :

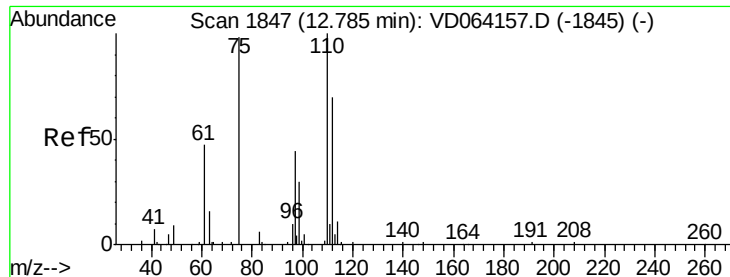
Tot Ion: 43 Resp: 23769
Ion Ratio Lower Upper
43 100
70 16.7 32.4 48.6#
55 87.3 17.9 26.9#
61 0.0 19.0 28.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.585 ug/l
RT: 12.70 min Scan# 1833
Delta R.T. -0.04 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 83 Resp: 7255
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.7#
85 132.2 32.5 97.5#

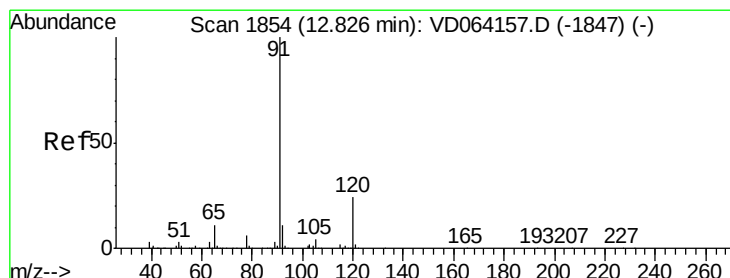
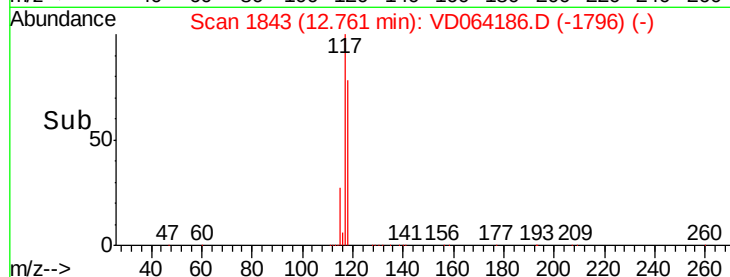
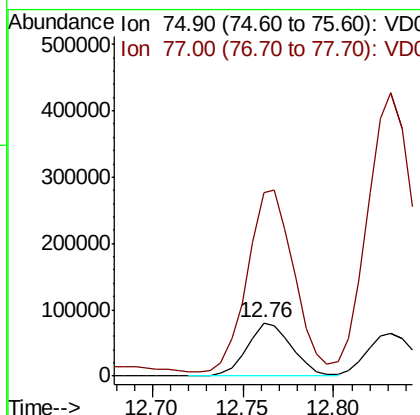
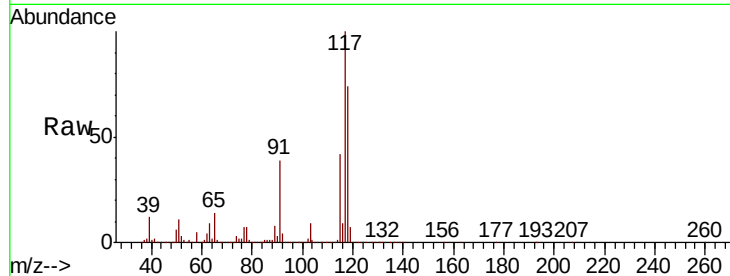




#76
 1,2,3-Trichloropropane
 Concen: 92.775 ug/l
 RT: 12.76 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

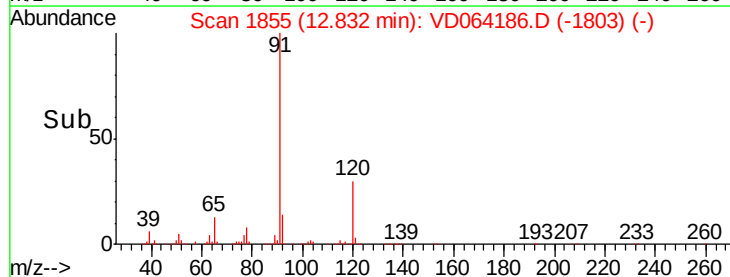
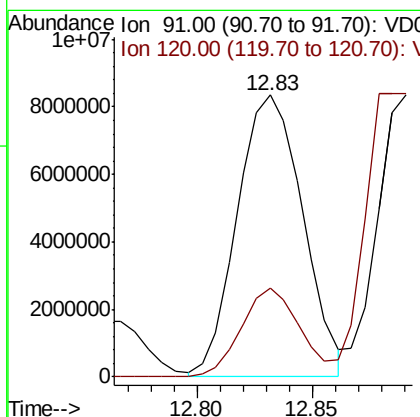
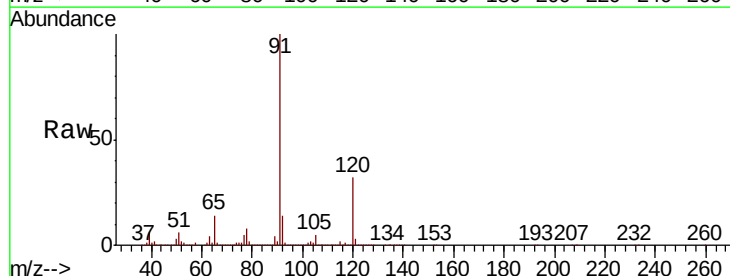
Instrument :
 MSVOA_D
 ClientSampleId :

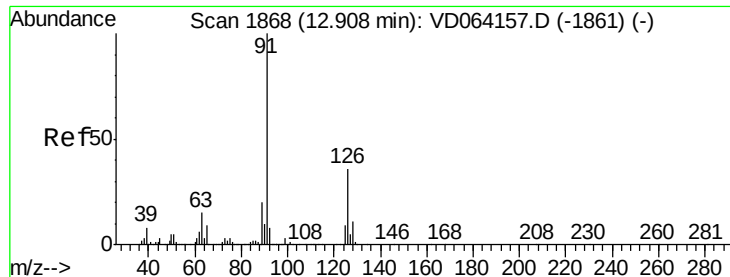
Tot Ion: 75 Resp: 136723
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#78
 n-propylbenzene
 Concen: 1072.187 ug/l
 RT: 12.83 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

Tgt Ion: 91 Resp: 16450885
 Ion Ratio Lower Upper
 91 100
 120 27.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 4898.379 ug/l

RT: 12.90 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

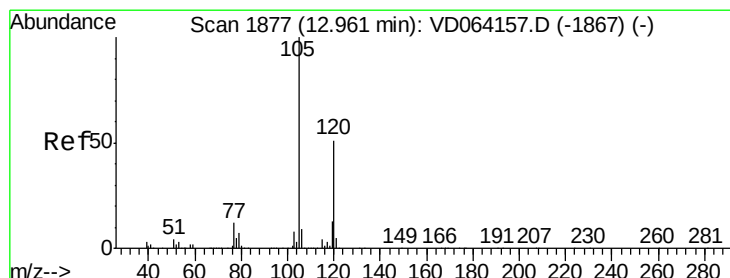
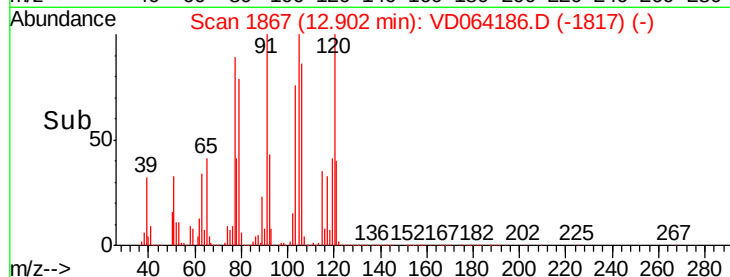
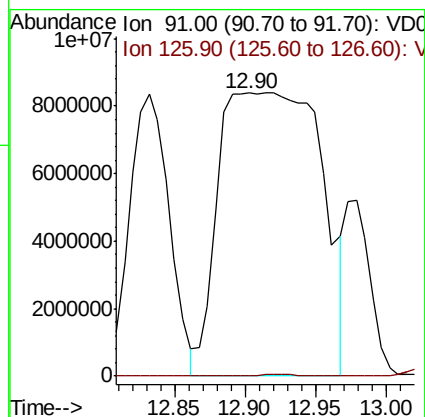
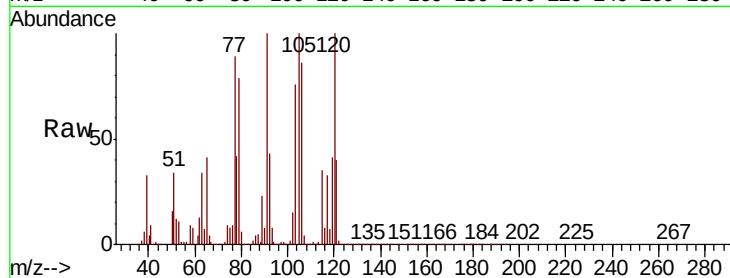
ClientSampled :

Tot Ion: 91 Resp: 42432313

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 254.863 ug/l

RT: 12.87 min Scan# 1862

Delta R.T. -0.09 min

Lab File: VD064186.D

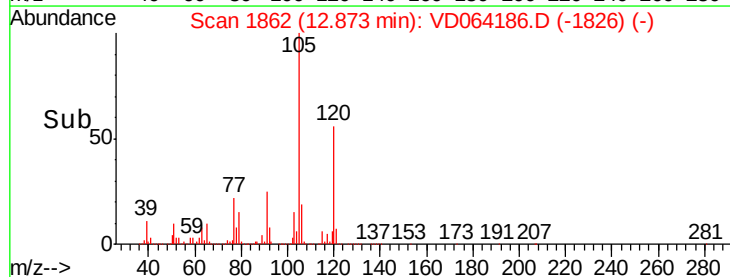
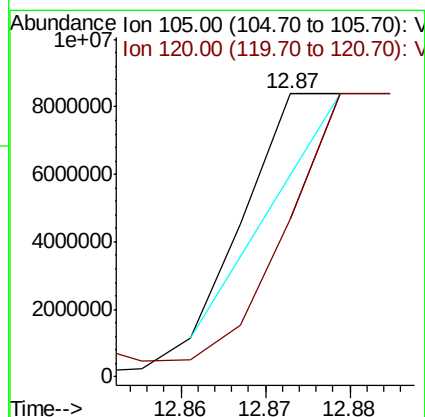
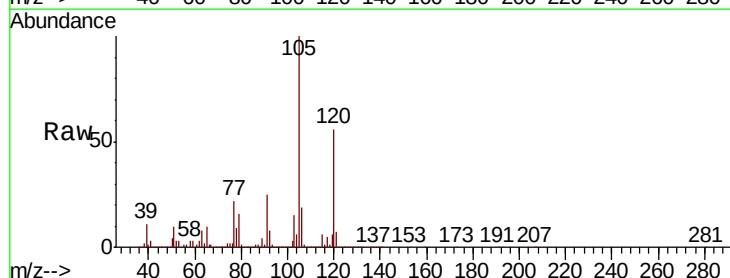
Acq: 11 Nov 2019 19:10

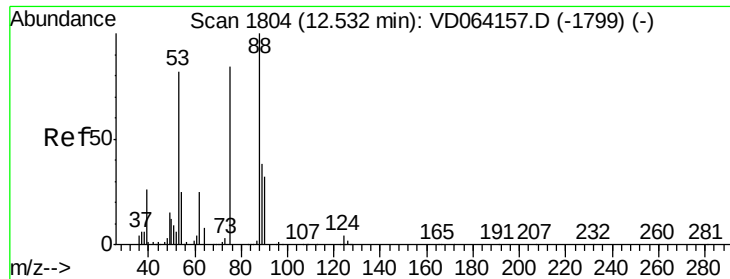
Tgt Ion: 105 Resp: 2812410

Ion Ratio Lower Upper

105 100

120 96.1 25.4 76.4#

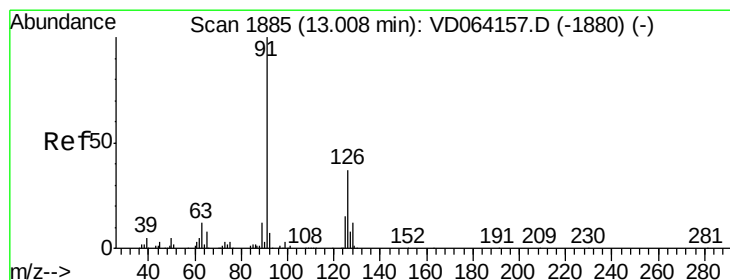
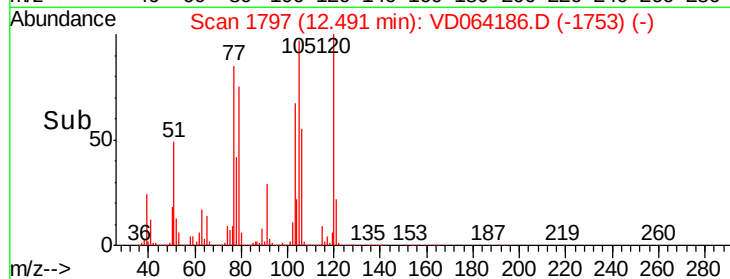
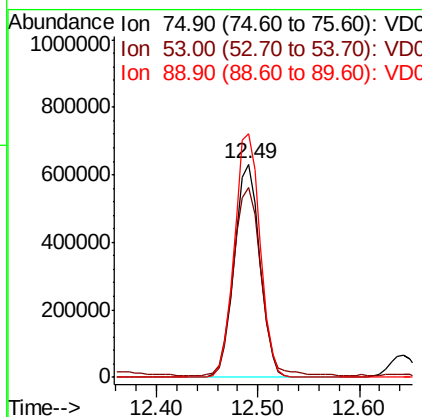
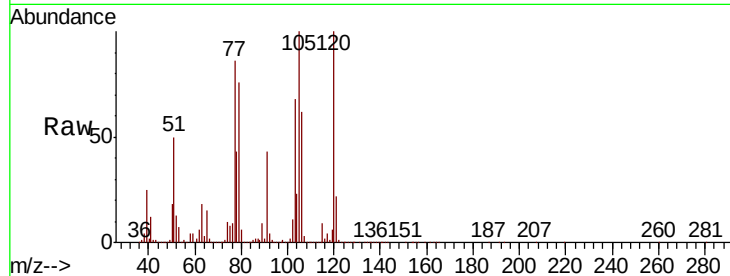




#81
trans-1,4-Dichloro-2-butene
Concen: 1494.135 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. -0.04 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

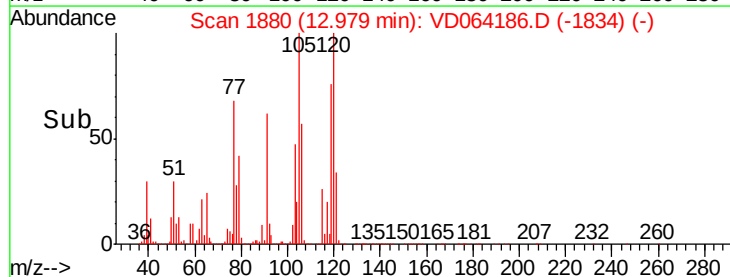
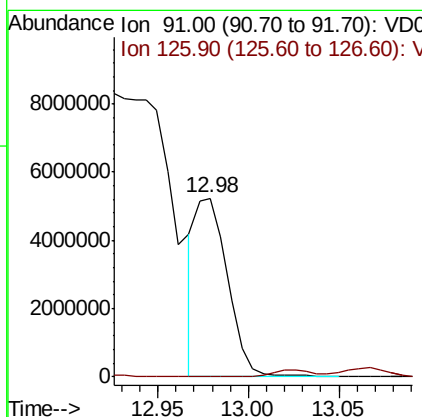
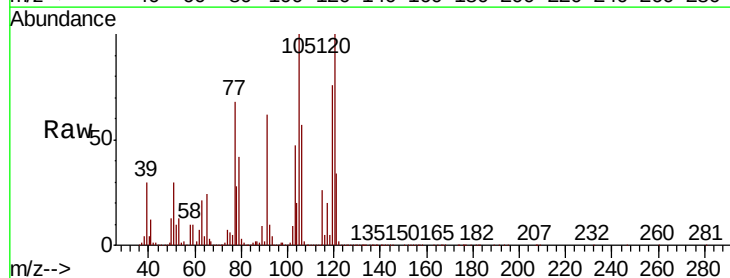
Instrument :
MSVOA_D
ClientSampleID :

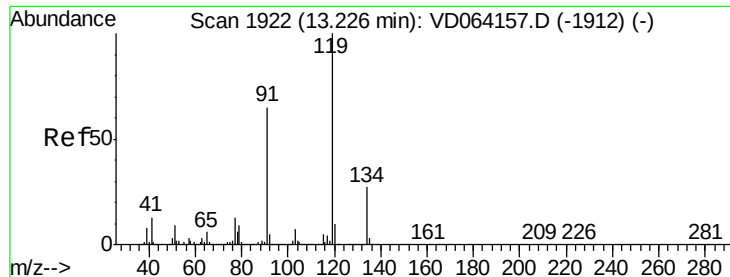
Tot Ion: 75 Resp: 1108504
Ion Ratio Lower Upper
75 100
53 96.2 79.4 119.0
89 114.7 36.6 55.0#



#82
4-Chlorotoluene
Concen: 696.388 ug/l
RT: 12.98 min Scan# 1880
Delta R.T. -0.03 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 91 Resp: 6292009
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

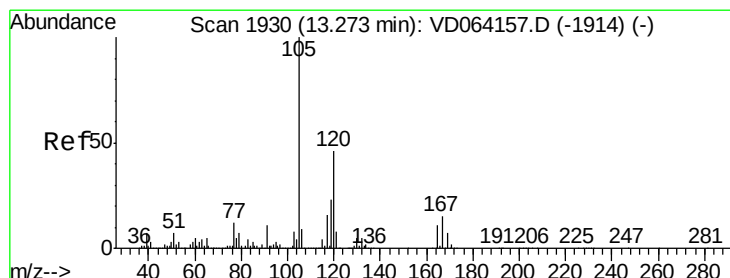
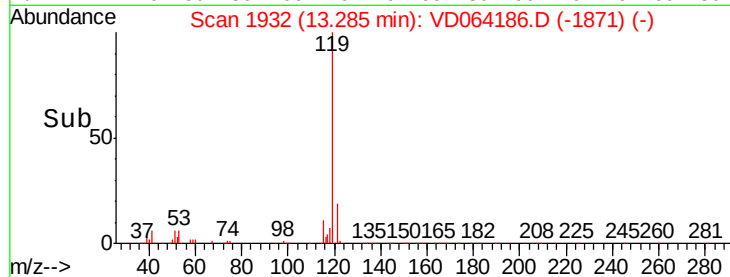
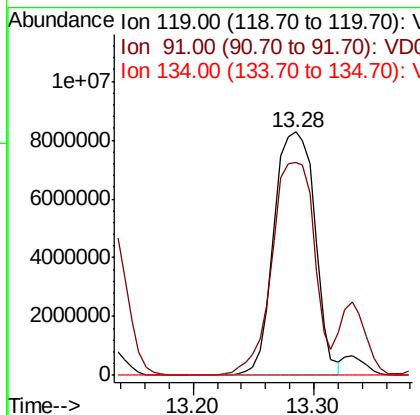
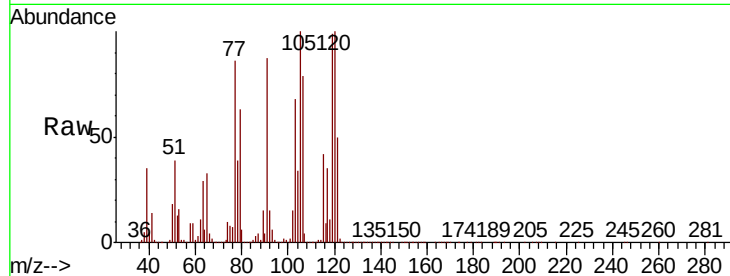




#83
 tert-Butylbenzene
 Concen: 1992.134 ug/l
 RT: 13.28 min Scan# 1932
 Delta R.T. 0.06 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

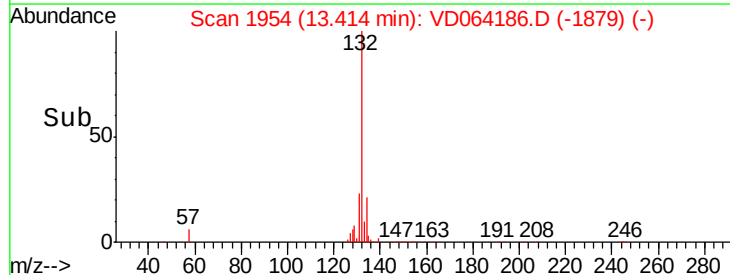
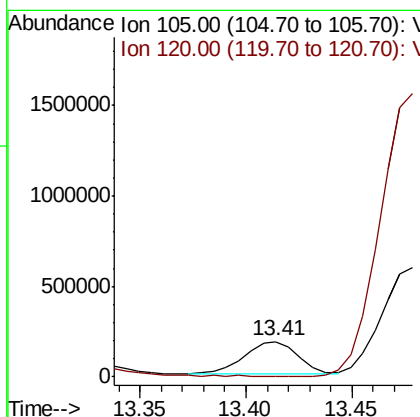
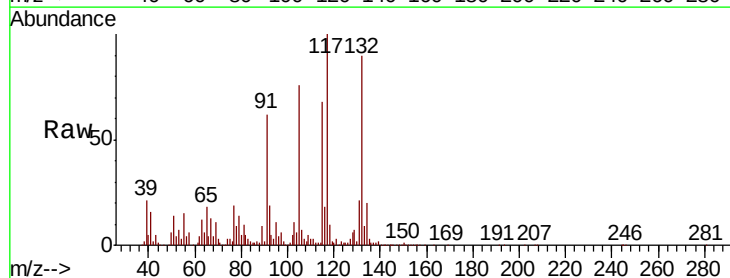
Instrument :
 MSVOA_D
 ClientSampleId :

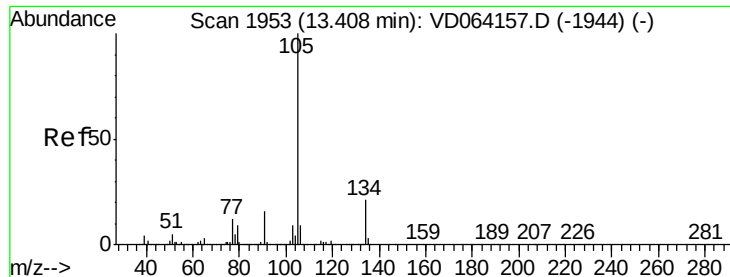
Tot Ion:119 Resp:19384259
 Ion Ratio Lower Upper
 119 100
 91 91.2 31.8 95.4
 134 0.0 13.7 41.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 28.646 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.14 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

Tgt Ion:105 Resp: 312080
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#





#85

sec-Butylbenzene

Concen: 23.880 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

Instrument :

MSVOA_D

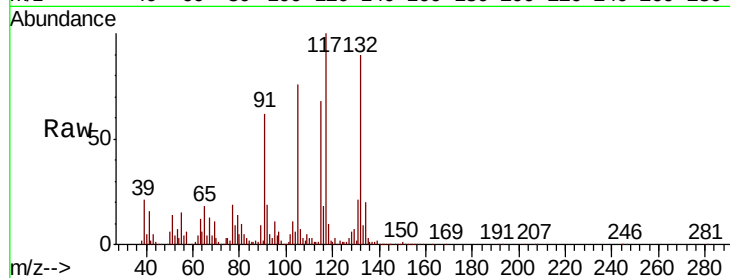
ClientSampleId :

Tot Ion:105 Resp: 312080

Ion Ratio Lower Upper

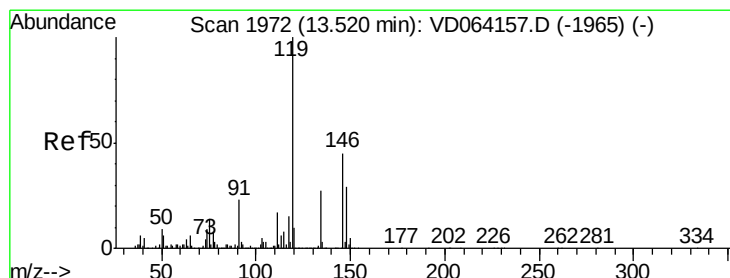
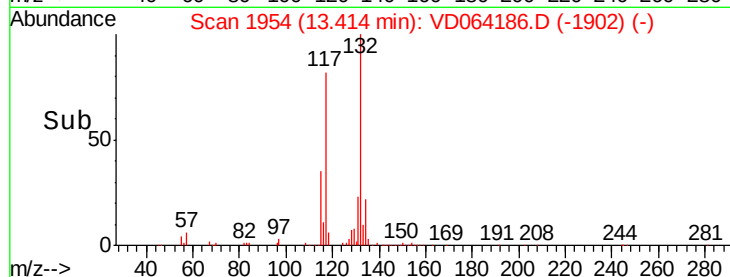
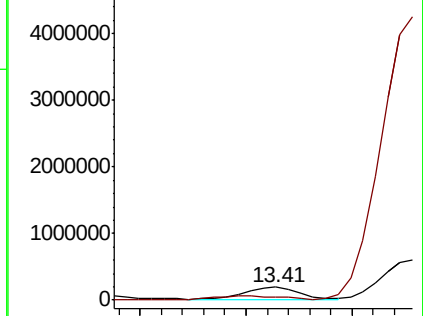
105 100

134 0.0 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: 945.905 ug/l

RT: 13.54 min Scan# 1975

Delta R.T. 0.02 min

Lab File: VD064186.D

Acq: 11 Nov 2019 19:10

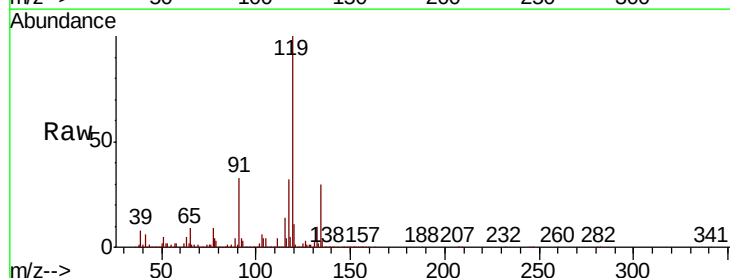
Tgt Ion:119 Resp:11752381

Ion Ratio Lower Upper

119 100

134 28.8 13.5 40.5

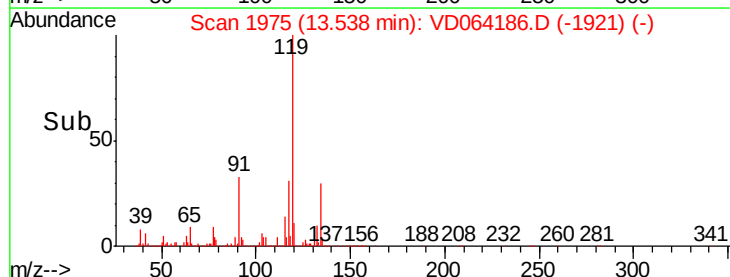
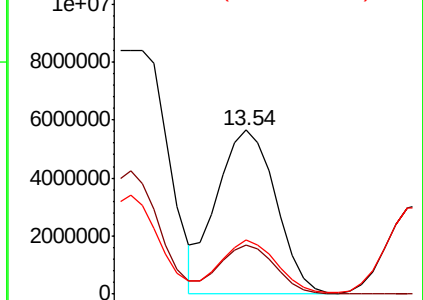
91 30.7 11.5 34.4

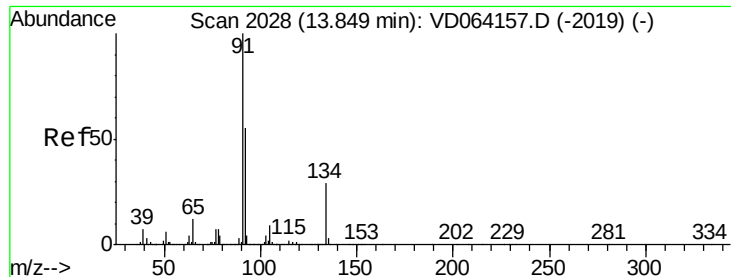


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

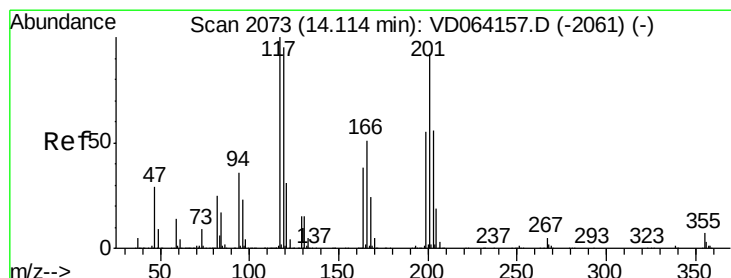
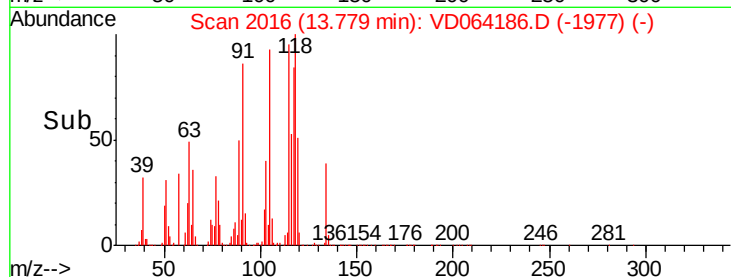
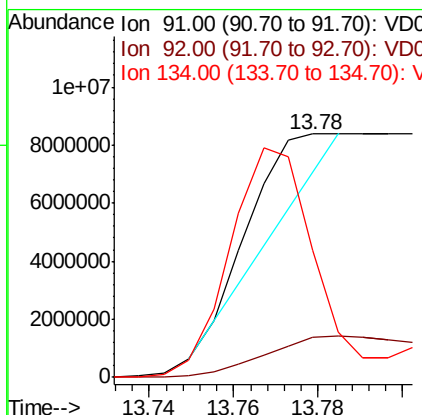
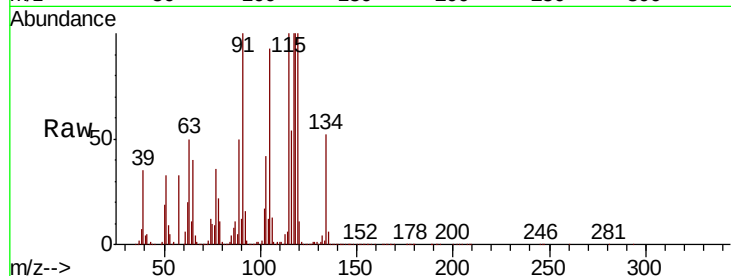




#89
n-Butylbenzene
Concen: 363.285 ug/l
RT: 13.78 min Scan# 2016
Delta R.T. -0.07 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

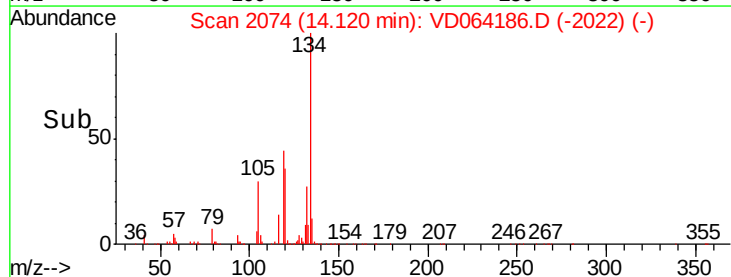
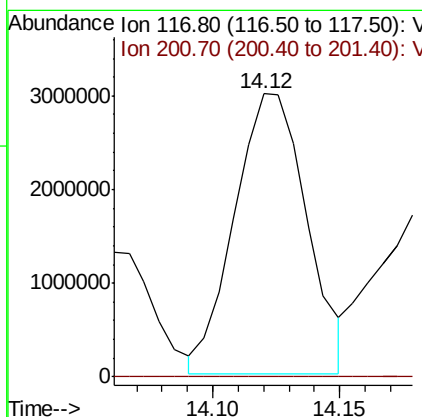
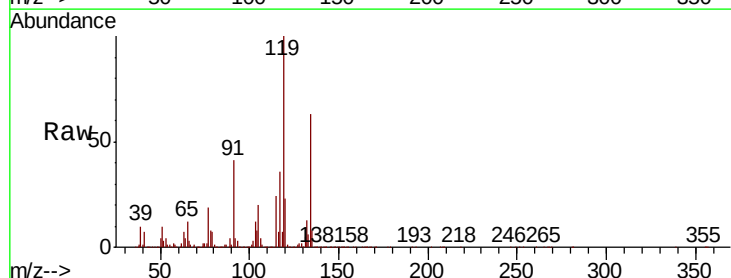
Instrument :
MSVOA_D
ClientSampled :

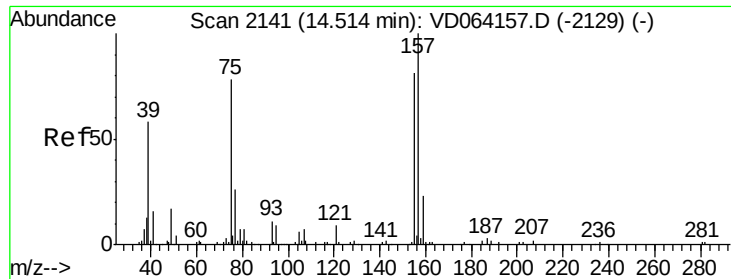
Tot Ion: 91 Resp: 4077822
Ion Ratio Lower Upper
91 100
92 90.7 27.3 81.8#
134 271.2 14.1 42.4#



#90
Hexachloroethane
Concen: 2575.828 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064186.D
Acq: 11 Nov 2019 19:10

Tgt Ion: 117 Resp: 5914533
Ion Ratio Lower Upper
117 100
201 0.0 45.8 137.4#

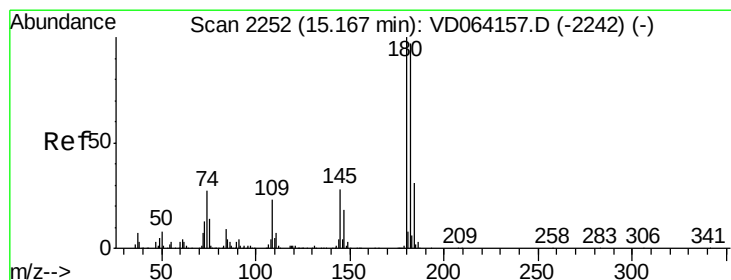
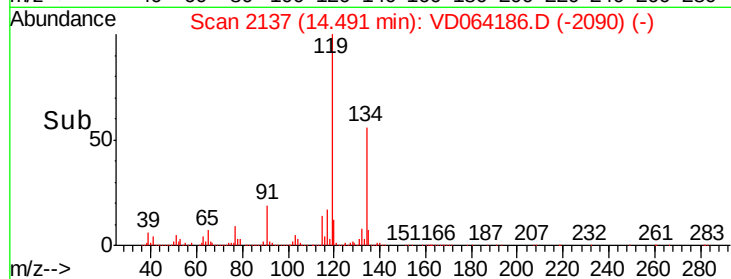
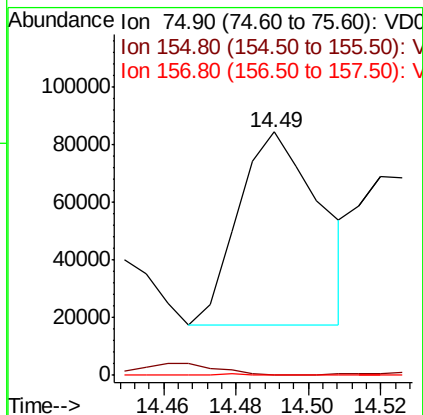
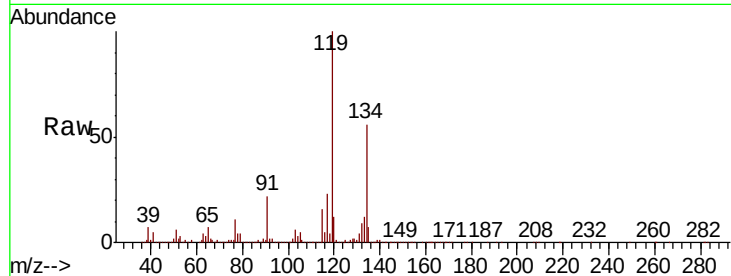




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 290.648 ug/l
 RT: 14.49 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

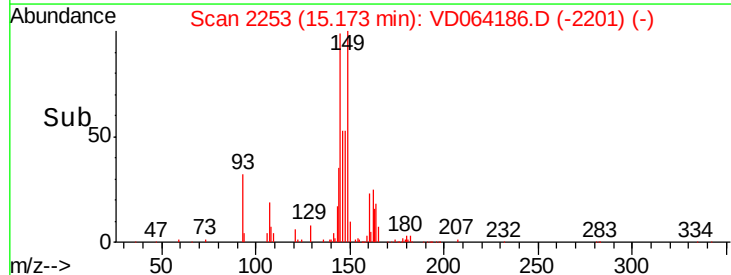
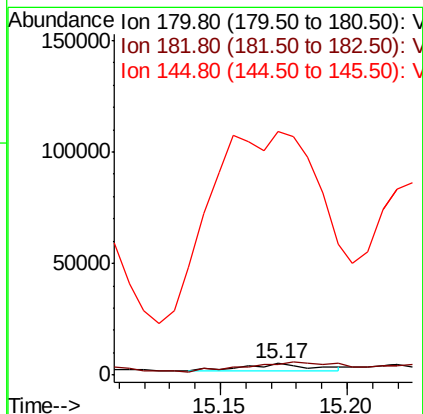
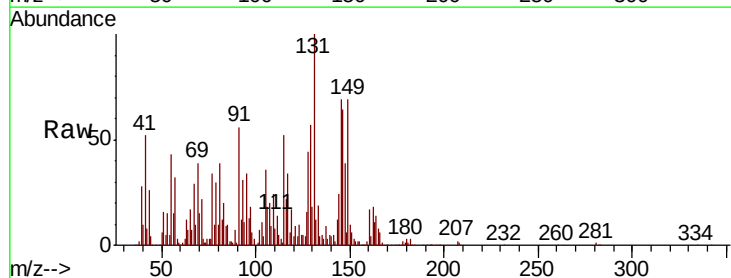
Instrument :
 MSVOA_D
 ClientSampleId :

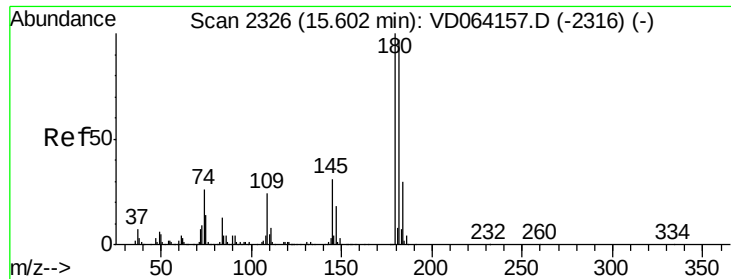
Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.0#
157	0.1	61.5	184.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.511 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	220.2	47.5	142.5#
145	0.0	14.2	42.6#

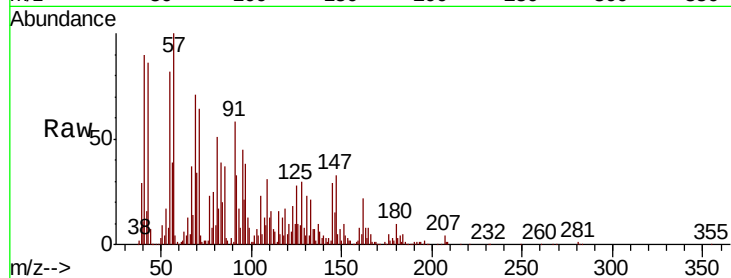




#96
 1,2,3-Trichlorobenzene
 Concen: 3.143 ug/l
 RT: 15.63 min Scan# 2330
 Delta R.T. 0.02 min
 Lab File: VD064186.D
 Acq: 11 Nov 2019 19:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	0.0	15.3	45.8#



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

