

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065177.D
 Acq On : 13 Feb 2020 15:03
 Operator : VA/SY
 Sample : L1518-01
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:18:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	343257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	638079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	360145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	41084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	184023	63.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.16%	
35) Dibromofluoromethane	7.92	113	200913	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
50) Toluene-d8	10.34	98	542966	38.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.64%	
62) 4-Bromofluorobenzene	12.64	95	101147	22.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.06%	

Target Compounds

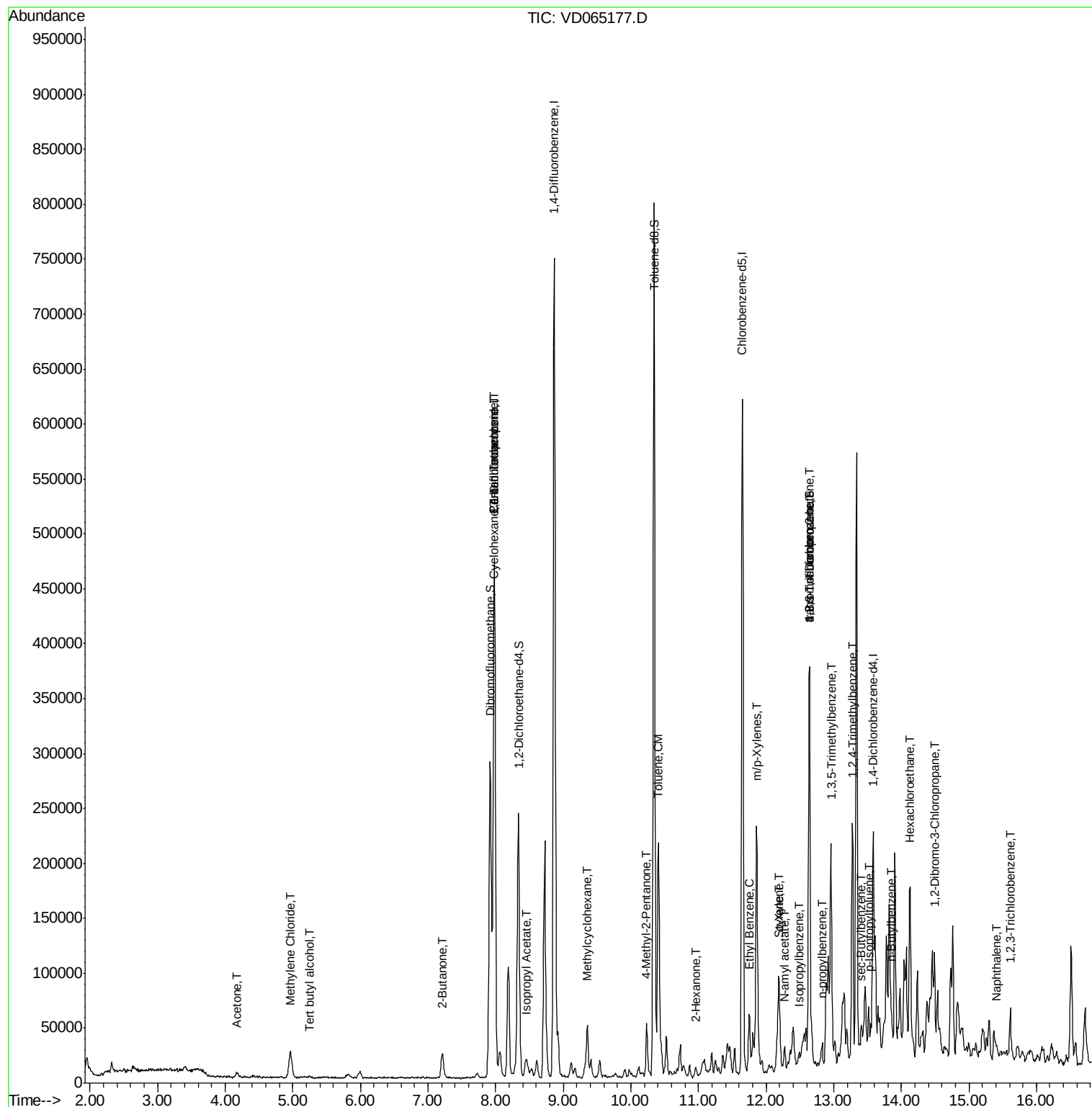
						Qvalue
11) Tert butyl alcohol	5.24	59	522	2.928	ug/l #	71
16) Acetone	4.17	43	7678	10.526	ug/l	98
20) Methylene Chloride	4.97	84	18073	1.831	ug/l	91
25) 2-Butanone	7.22	43	2960	3.402	ug/l #	77
31) Cyclohexane	7.97	56	21898	3.773	ug/l #	61
36) 1,1-Dichloropropene	7.98	75	25724	4.336	ug/l #	49
38) Carbon Tetrachloride	7.98	117	33016	5.448	ug/l #	17
39) Methylcyclohexane	9.36	83	14189	1.937	ug/l	91
43) Isopropyl Acetate	8.45	43	8539	1.842	ug/l #	52
51) 4-Methyl-2-Pentanone	10.23	43	32043	14.040	ug/l	95
52) Toluene	10.41	92	86046	8.228	ug/l	97
59) 2-Hexanone	10.96	43	4198	2.597	ug/l #	26
67) Ethyl Benzene	11.75	91	31526	2.491	ug/l	95
68) m/p-Xylenes	11.86	106	42077	8.711	ug/l	96
69) o-Xylene	12.18	106	18698	4.299	ug/l	96
70) Styrene	12.20	104	13436	1.777	ug/l #	84
73) Isopropylbenzene	12.49	105	6245	2.215	ug/l	97
74) N-amyl acetate	12.27	43	4788	7.812	ug/l #	66
76) 1,2,3-Trichloropropane	12.64	75	50464	162.238	ug/l #	100
78) n-propylbenzene	12.83	91	16840	5.099	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	29375	12.733	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.64	75	50464	324.463	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.28	105	120559	52.639	ug/l	99
85) sec-Butylbenzene	13.41	105	15401	5.666	ug/l	89
86) p-Isopropyltoluene	13.53	119	5694	2.254	ug/l	95
89) n-Butylbenzene	13.86	91	14637	6.279	ug/l #	68
90) Hexachloroethane	14.13	117	8889	18.586	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.50	75	568	7.840	ug/l #	1
95) Naphthalene	15.41	128	9231	7.132	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	682	1.024	ug/l #	5

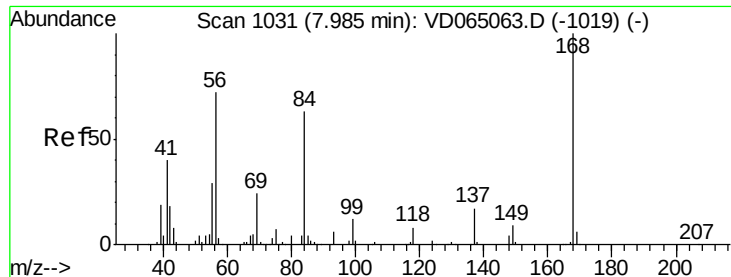
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

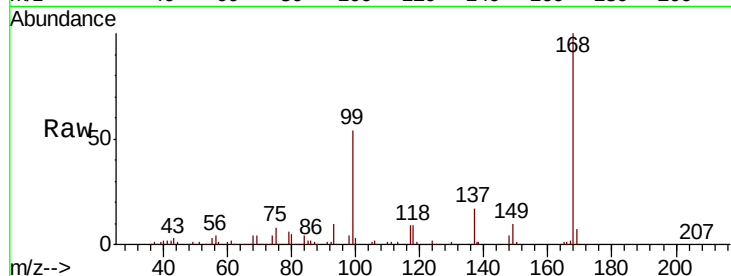
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 343257

Ion Ratio Lower Upper

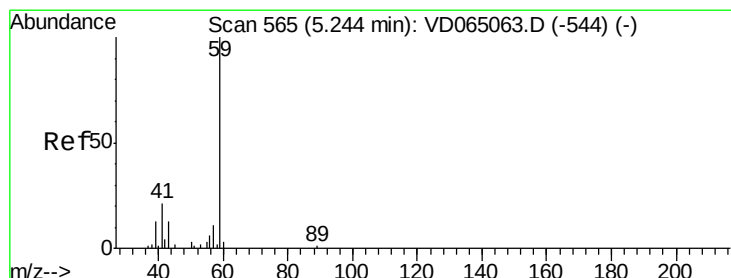
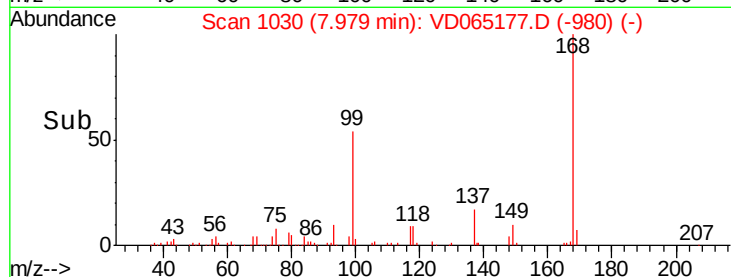
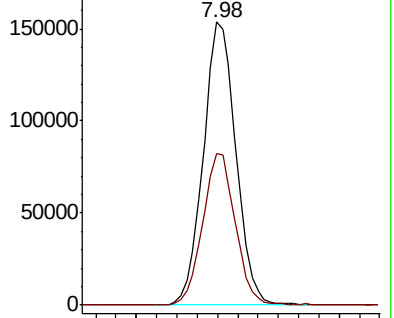
168 100

99 53.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 2.928 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.01 min

Lab File: VD065177.D

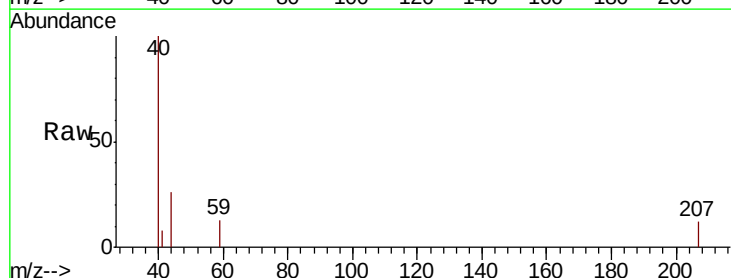
Acq: 13 Feb 2020 15:03

Tgt Ion: 59 Resp: 522

Ion Ratio Lower Upper

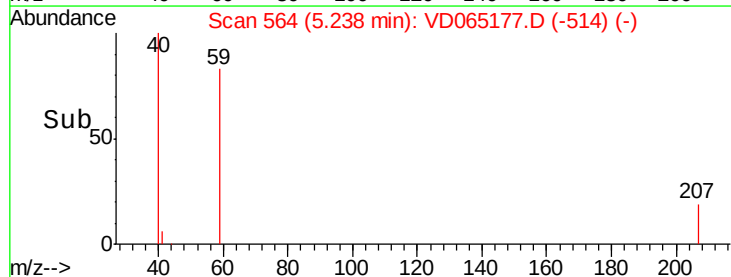
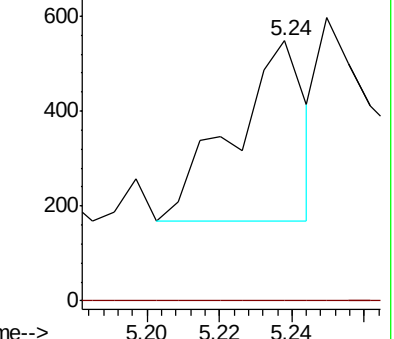
59 100

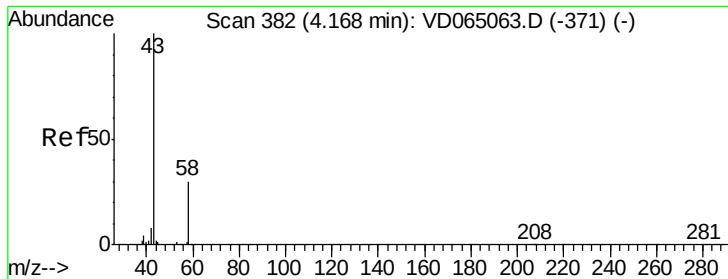
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 10.526 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

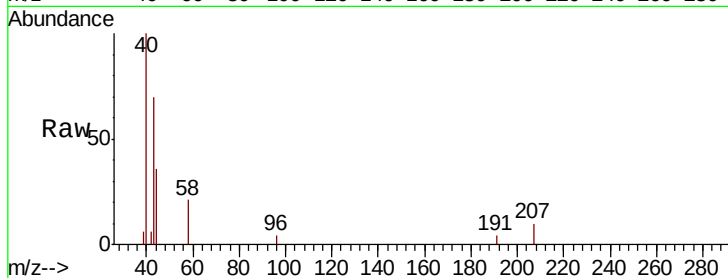
ClientSampleId :

Tot Ion: 43 Resp: 7678

Ion Ratio Lower Upper

43 100

58 30.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

3000

2500

2000

1500

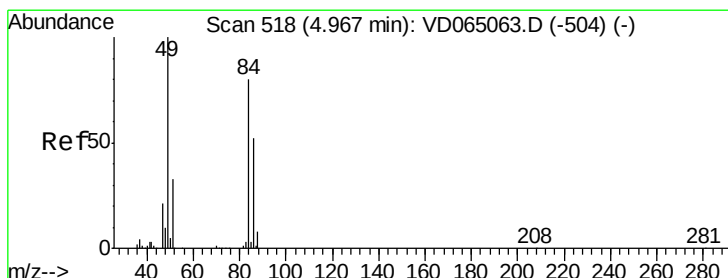
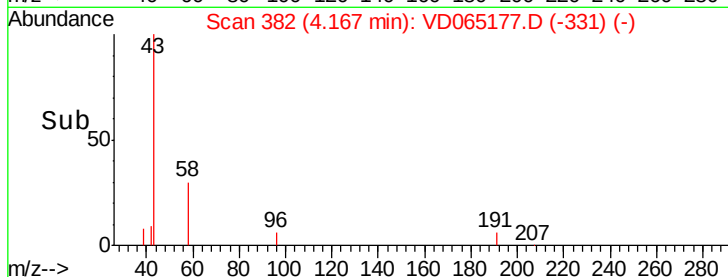
1000

500

0

4.10 4.15 4.20 4.25

Time-->



#20

Methylene Chloride

Concen: 1.831 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Tgt Ion: 84 Resp: 18073

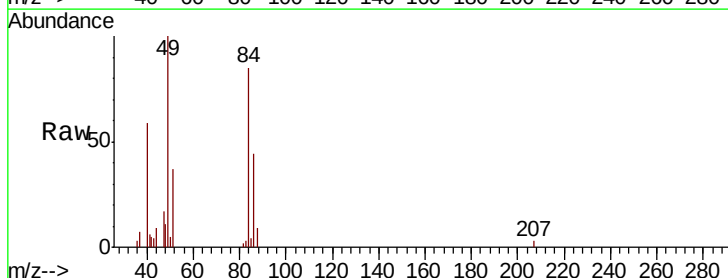
Ion Ratio Lower Upper

84 100

49 118.3 100.4 150.6

51 43.6 32.7 49.1

86 52.6 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

10000

8000

6000

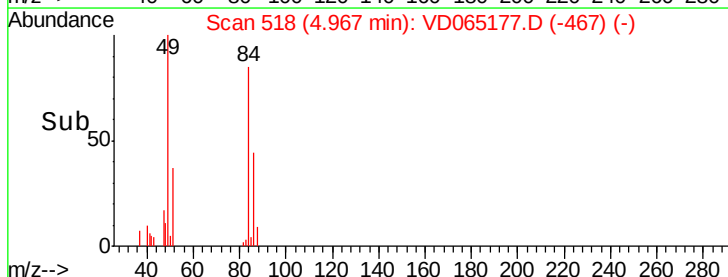
4000

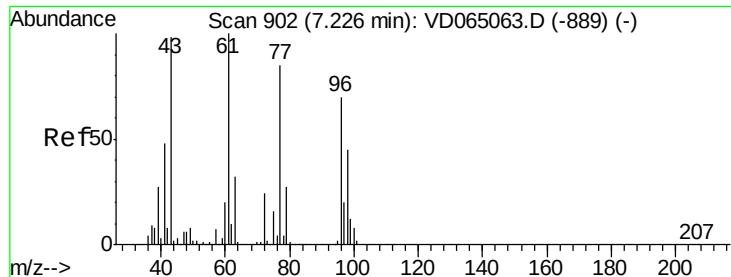
2000

0

4.90 5.00

Time-->





#25

2-Butanone

Concen: 3.402 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

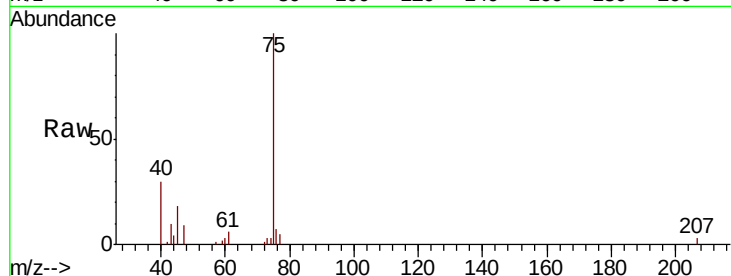
ClientSampled :

Tot Ion: 43 Resp: 2960

Ion Ratio Lower Upper

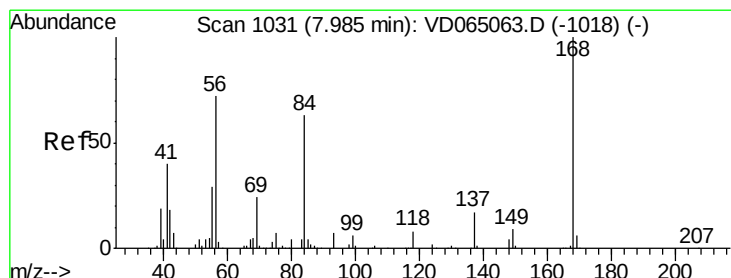
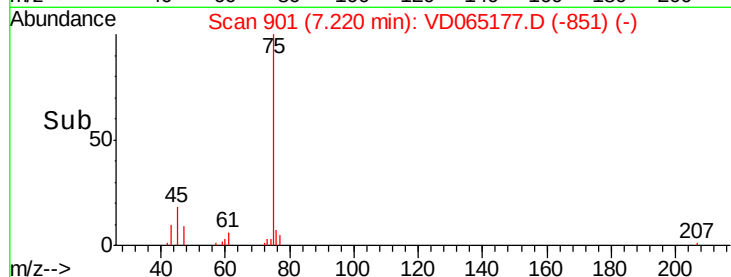
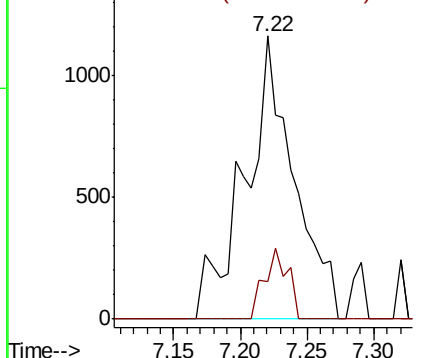
43 100

72 13.1 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 3.773 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

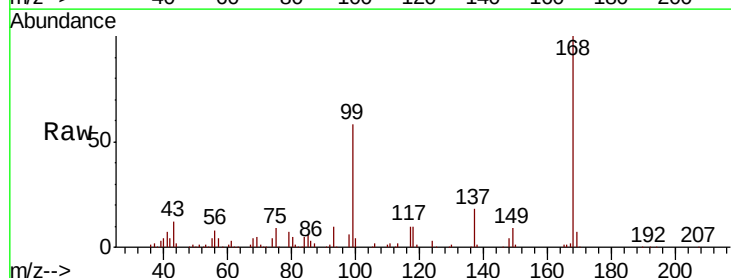
Tgt Ion: 56 Resp: 21898

Ion Ratio Lower Upper

56 100

69 67.2 26.6 40.0#

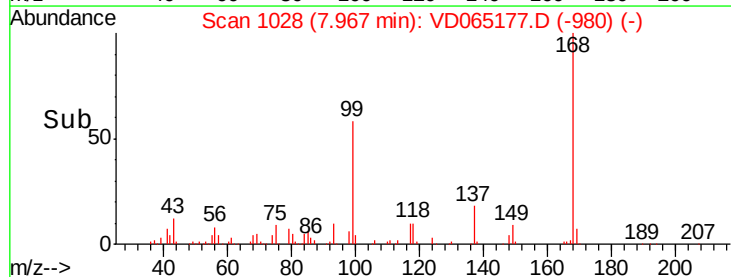
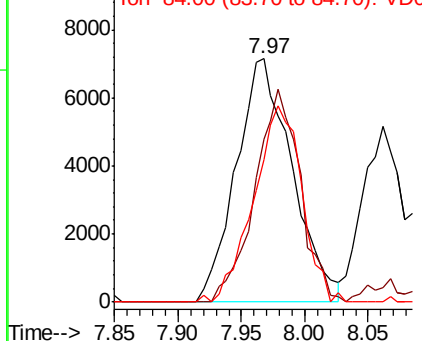
84 58.7 70.6 106.0#

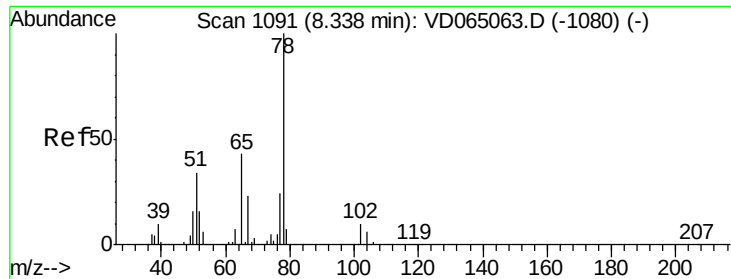


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

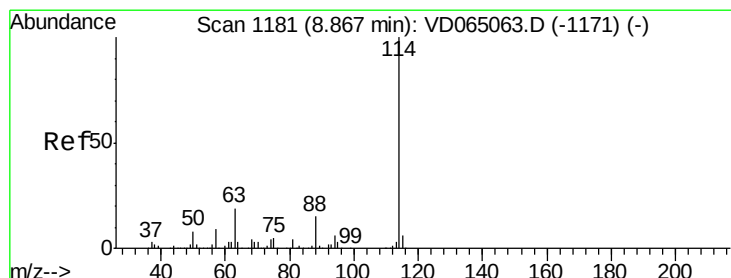
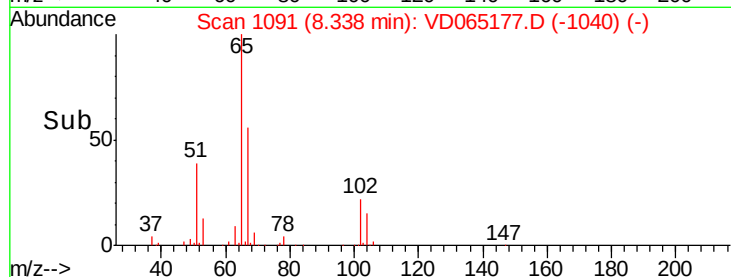
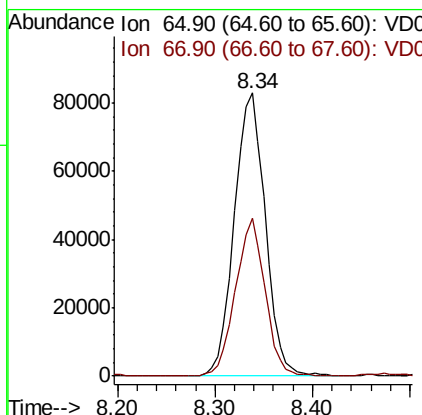
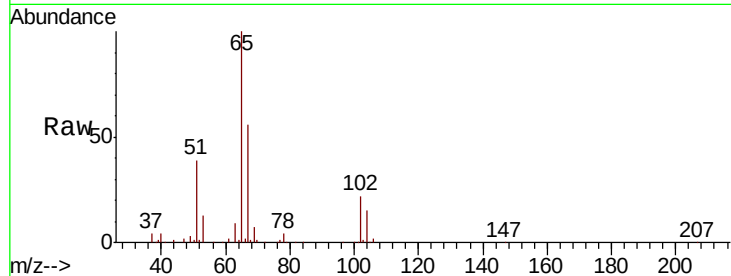




#33
 1,2-Dichloroethane-d4
 Concen: 63.078 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

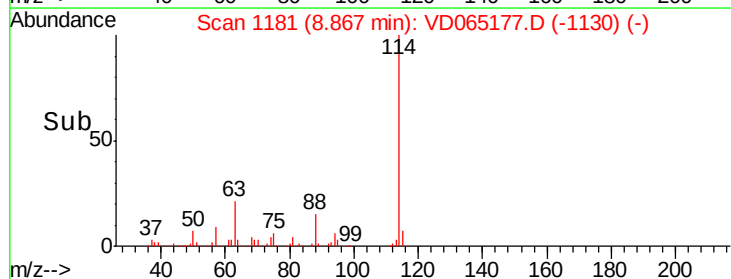
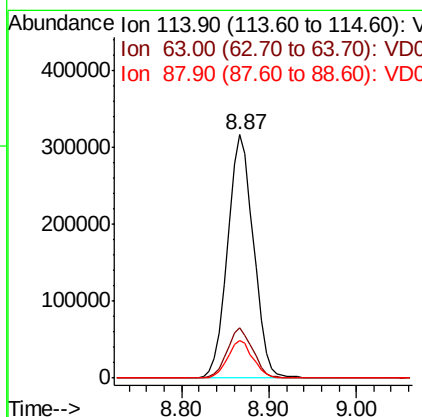
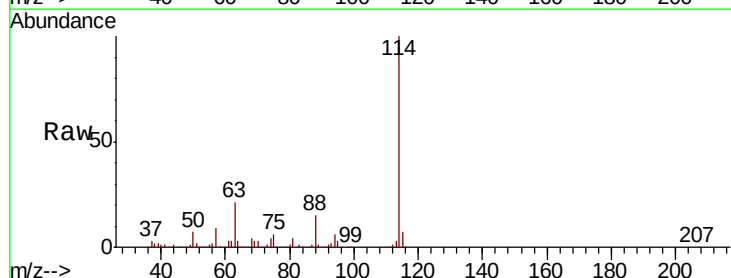
Instrument :
 MSVOA_D
 ClientSampleId :

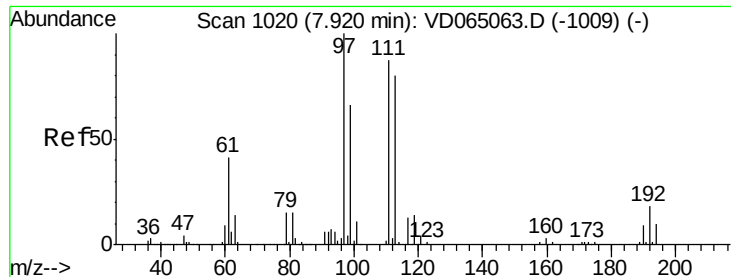
Tot Ion: 65 Resp: 184023
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Tgt Ion: 114 Resp: 638079
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 15.3 0.0 29.6

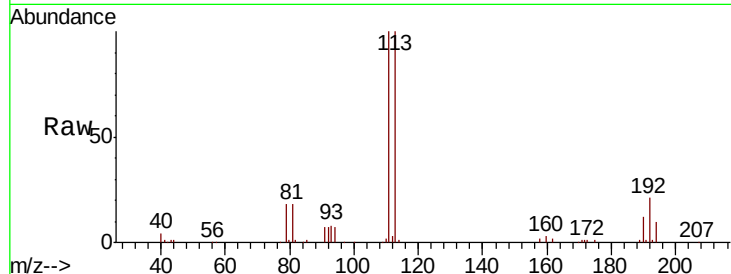




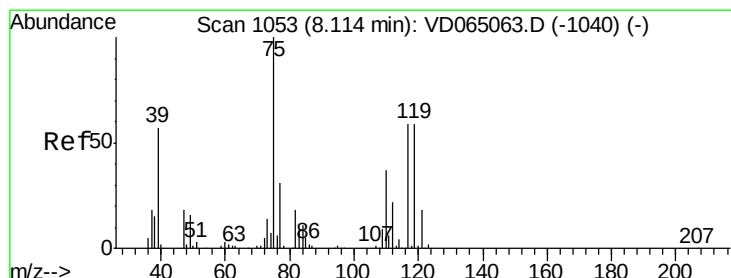
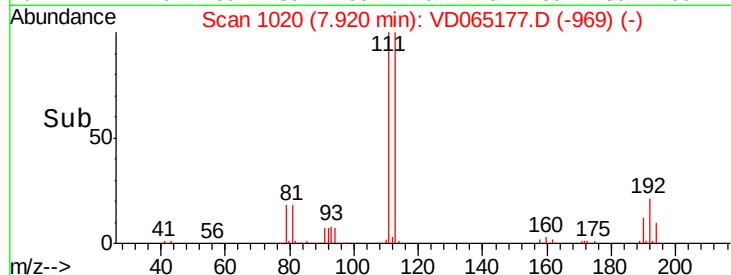
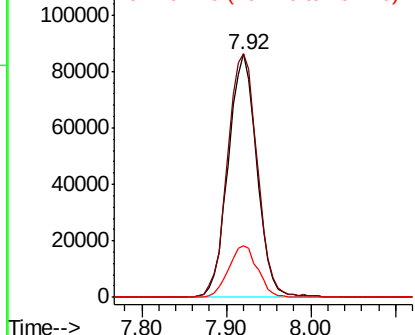
#35
 Dibromofluoromethane
 Concen: 56.435 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	21.4	18.1	27.1

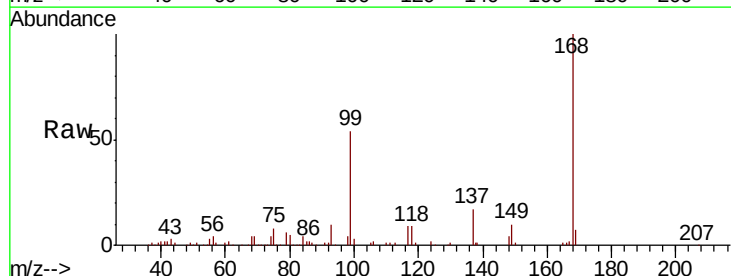


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

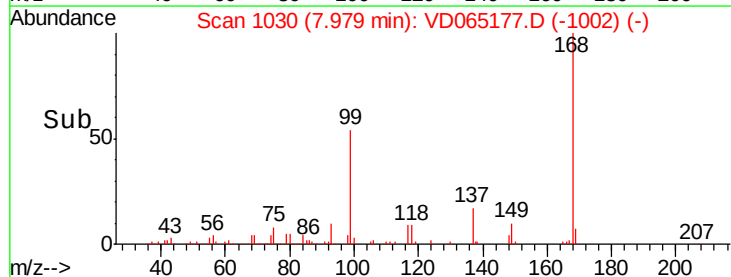
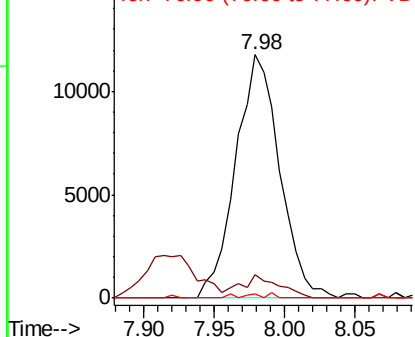


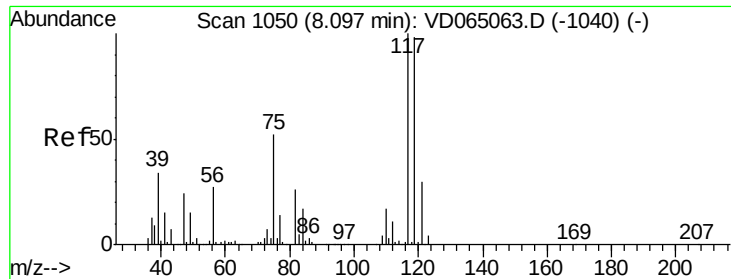
#36
 1,1-Dichloropropene
 Concen: 4.336 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.3#
77	0.5	24.7	37.1#



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

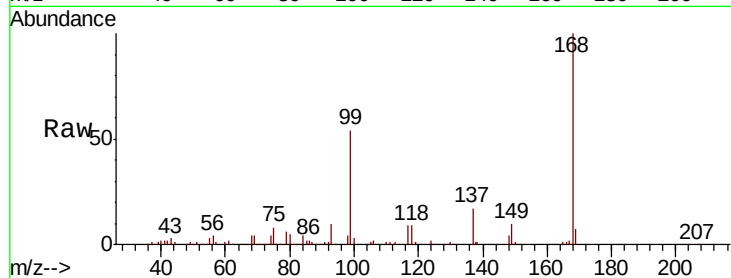




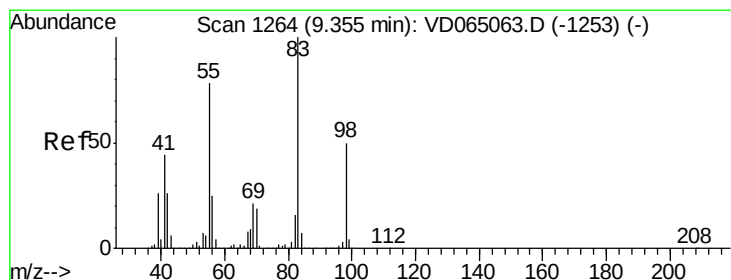
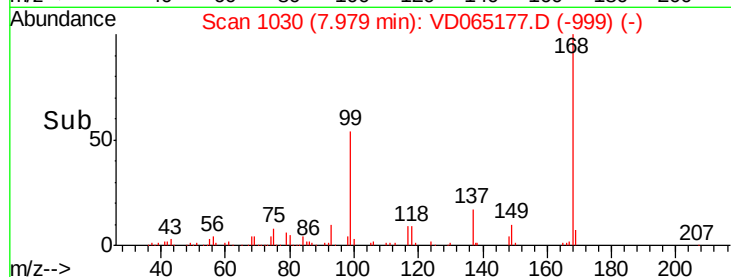
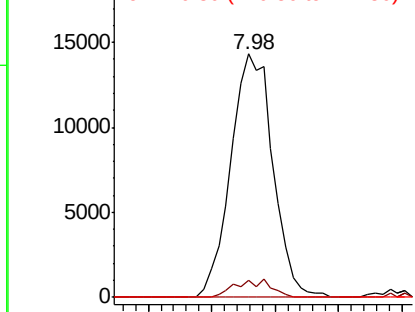
#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 33016
Ion Ratio Lower Upper
117 100
119 7.0 78.5 117.7#
121 0.0 23.8 35.6#

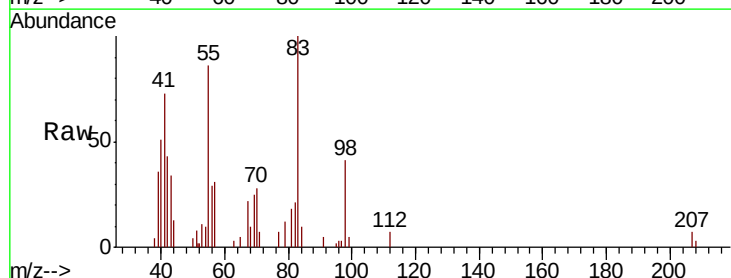


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

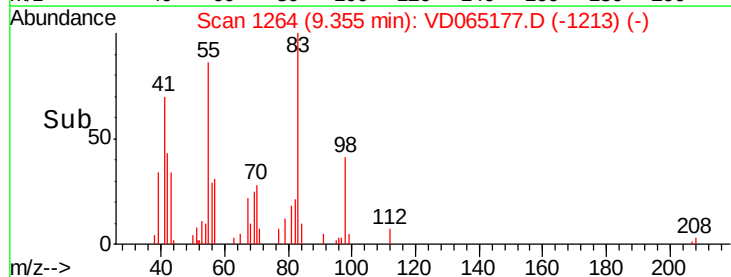
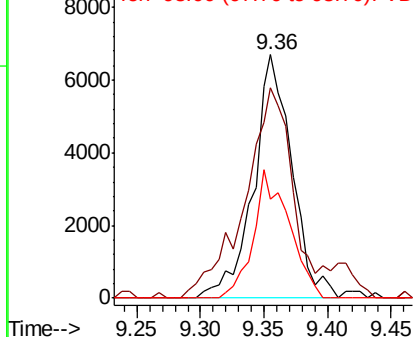


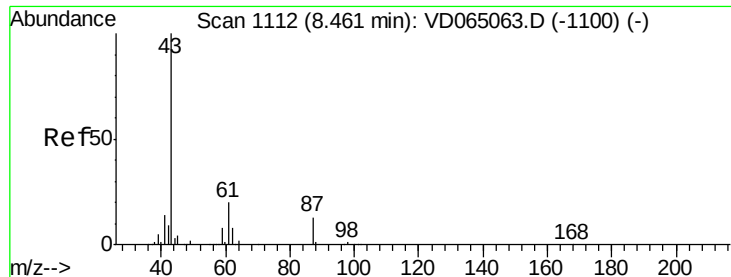
#39
Methylcyclohexane
Concen: 1.937 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

Tgt Ion: 83 Resp: 14189
Ion Ratio Lower Upper
83 100
55 82.9 62.0 93.0
98 40.8 39.9 59.9



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: 1.842 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

ClientSampled :

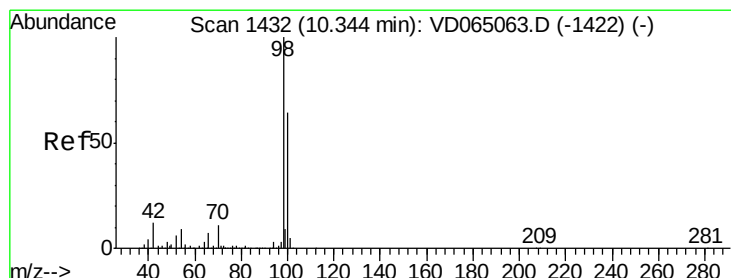
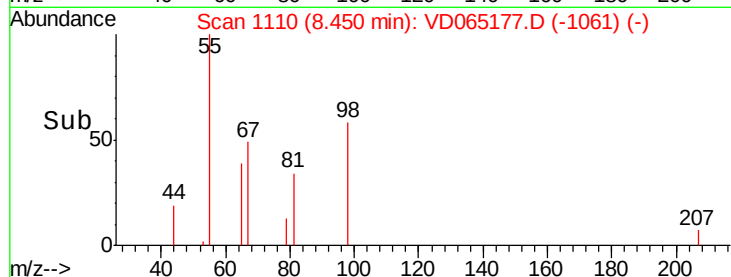
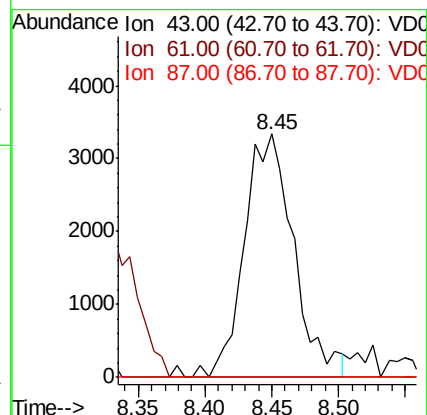
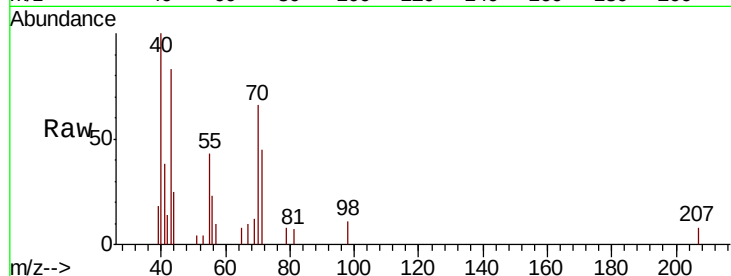
Tot Ion: 43 Resp: 8539

Ion Ratio Lower Upper

43 100

61 0.0 24.0 36.0#

87 0.0 10.2 15.4#



#50

Toluene-d8

Concen: 38.317 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065177.D

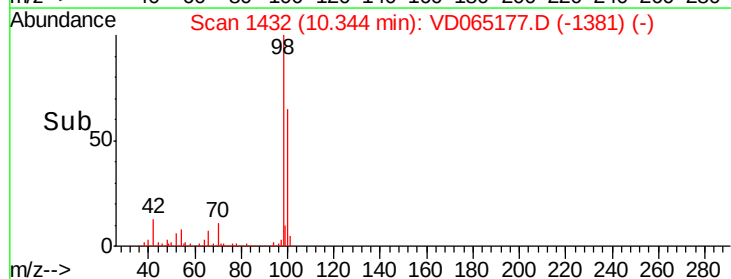
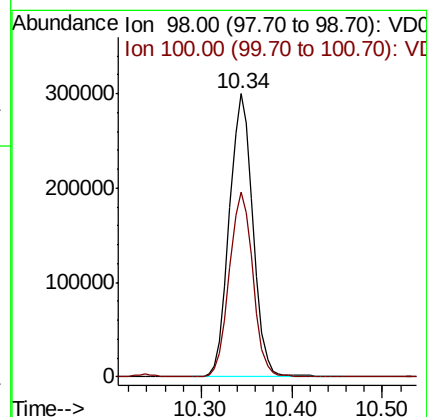
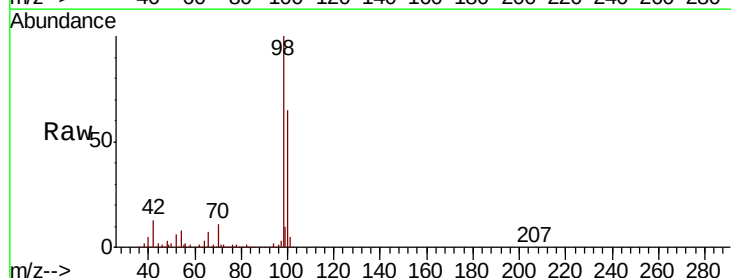
Acq: 13 Feb 2020 15:03

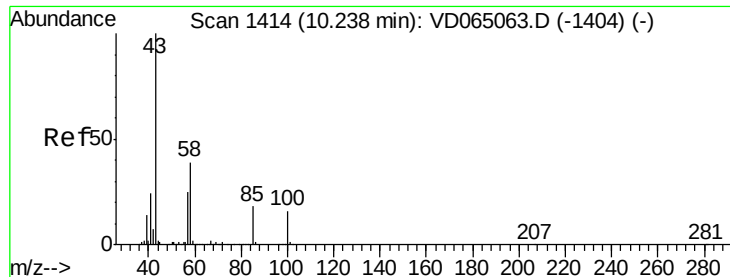
Tgt Ion: 98 Resp: 542966

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 14.040 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

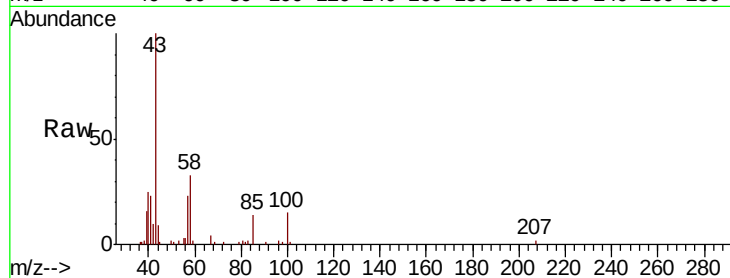
ClientSampled :

Tot Ion: 43 Resp: 32043

Ion Ratio Lower Upper

43 100

58 34.6 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

20000

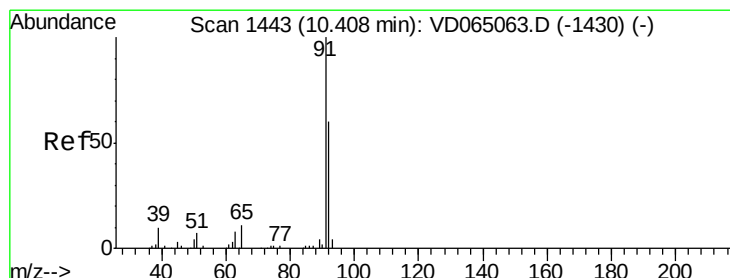
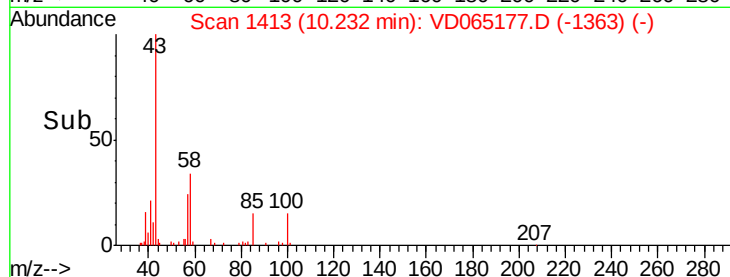
15000

10000

5000

0

Time-->



#52

Toluene

Concen: 8.228 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065177.D

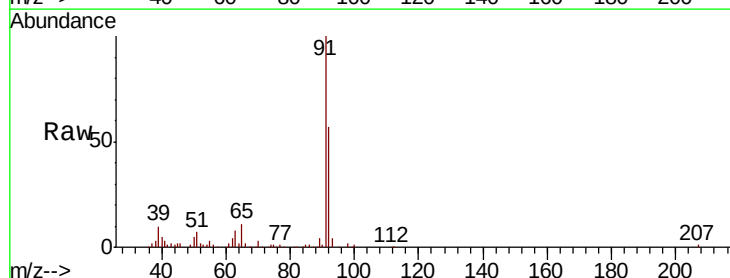
Acq: 13 Feb 2020 15:03

Tgt Ion: 92 Resp: 86046

Ion Ratio Lower Upper

92 100

91 173.3 135.3 202.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

100000

80000

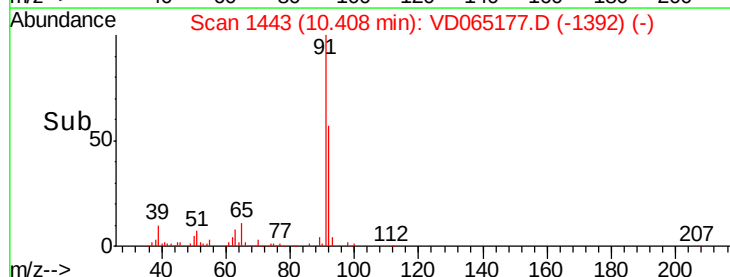
60000

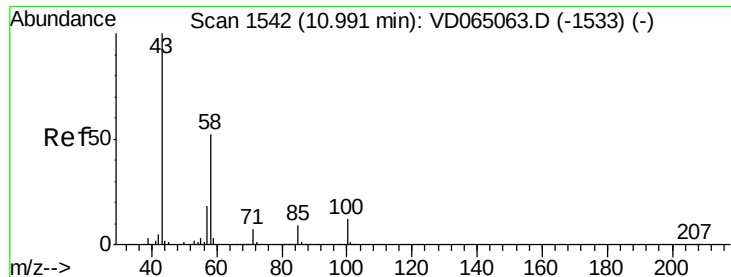
40000

20000

0

Time-->

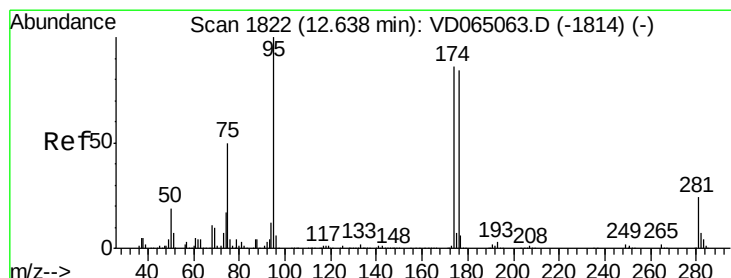
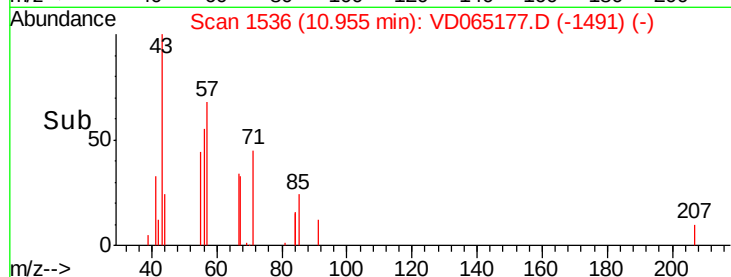
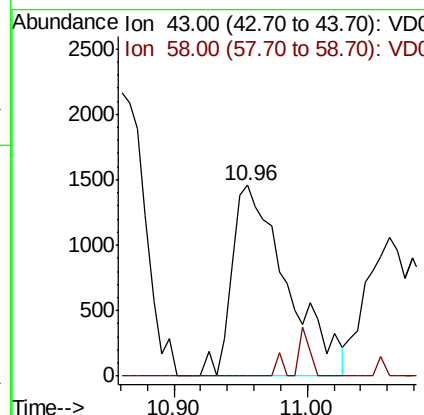
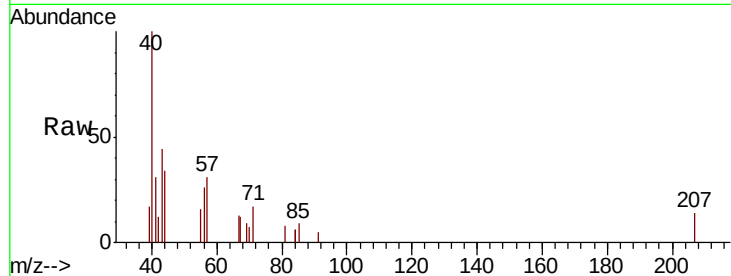




#59
2-Hexanone
Concen: 2.597 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

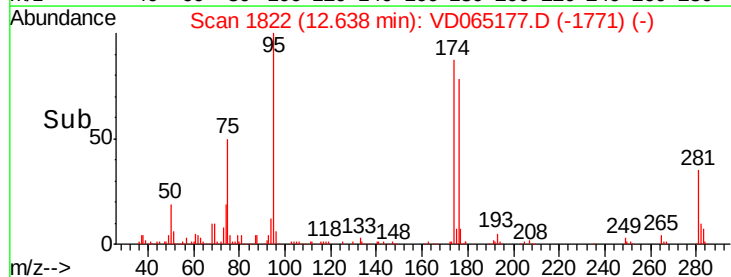
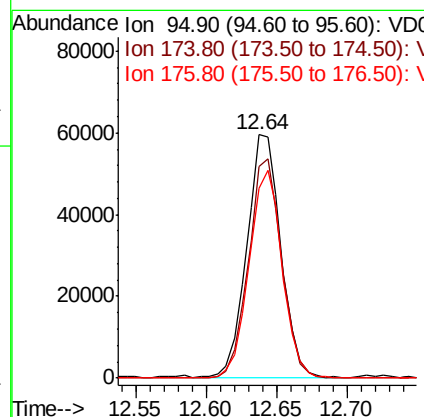
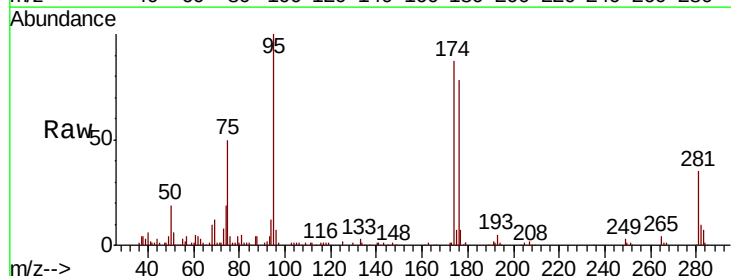
Instrument :
MSVOA_D
ClientSampled :

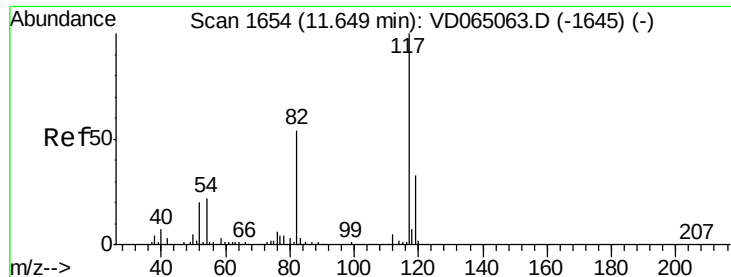
Tot Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 22.527 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

Tgt Ion: 95 Resp: 101147
Ion Ratio Lower Upper
95 100
174 87.3 0.0 180.0
176 82.6 0.0 173.2

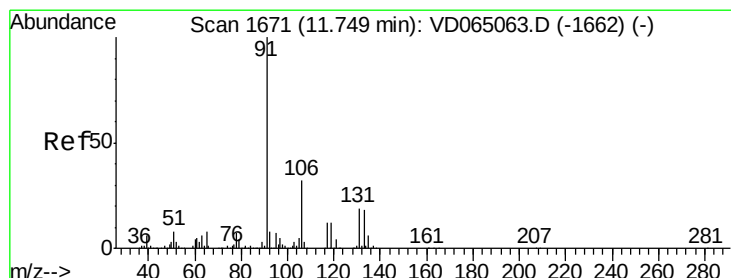
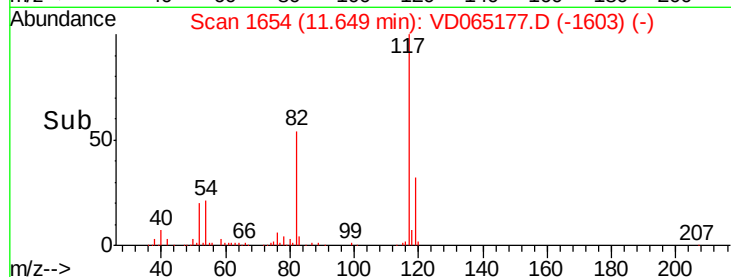
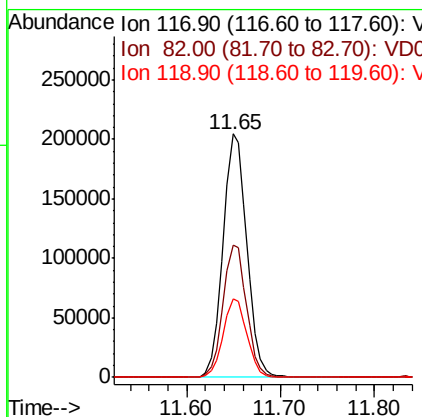
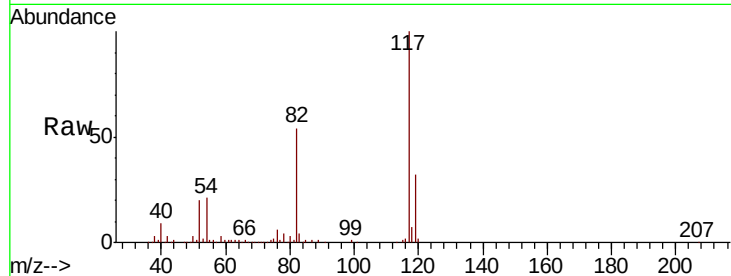




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

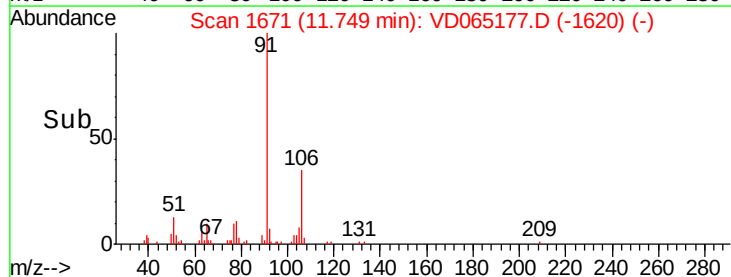
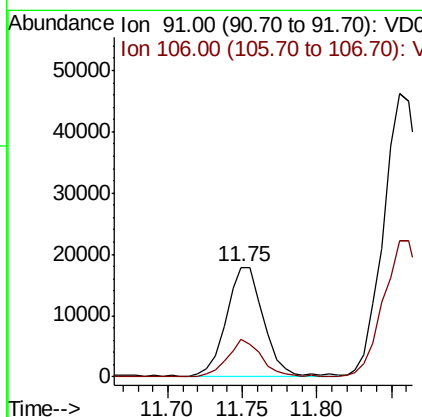
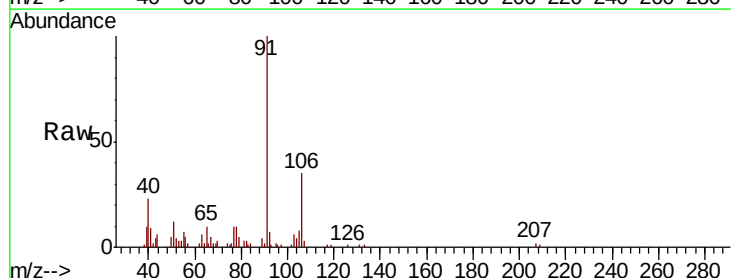
Instrument :
MSVOA_D
ClientSampled :

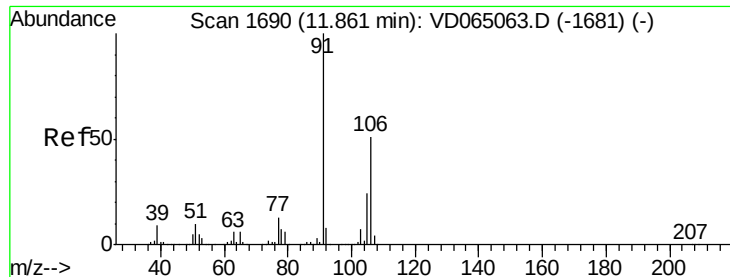
Tot Ion:117 Resp: 360145
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 32.0 26.0 39.0



#67
Ethyl Benzene
Concen: 2.491 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

Tgt Ion: 91 Resp: 31526
Ion Ratio Lower Upper
91 100
106 34.5 25.4 38.2

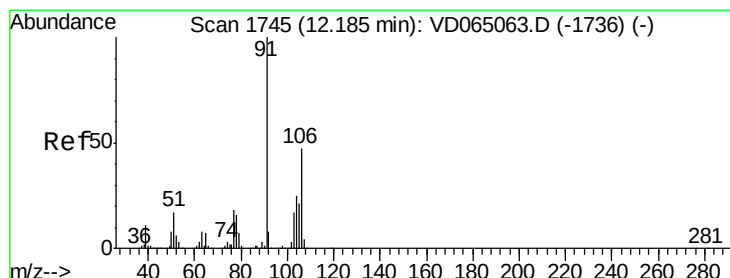
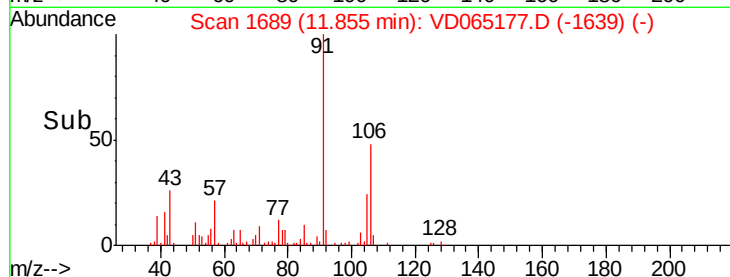
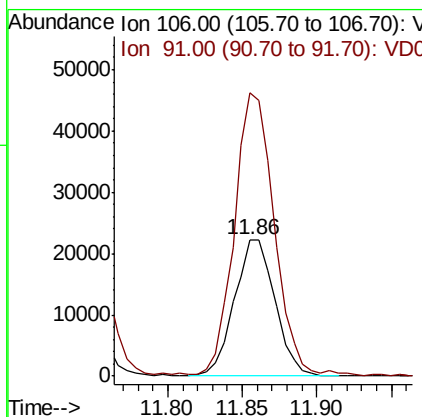
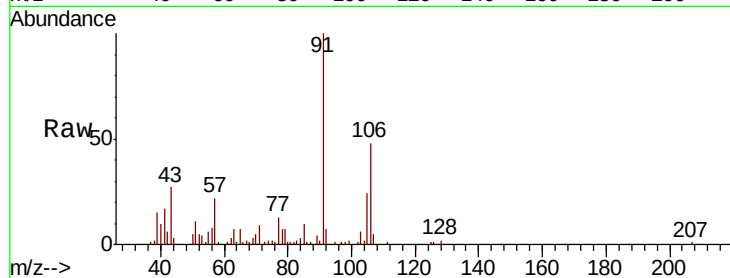




#68
m/p-Xylenes
Concen: 8.711 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

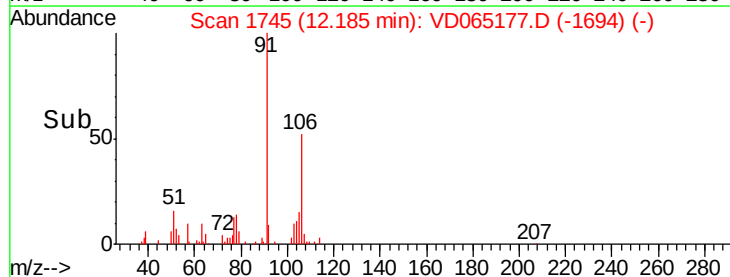
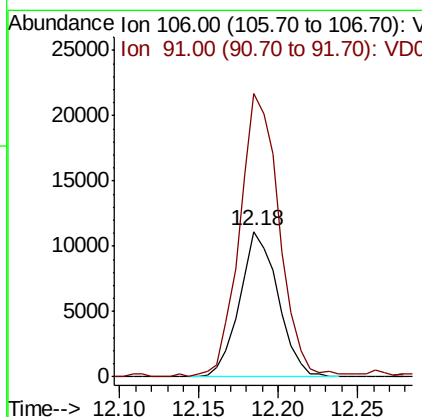
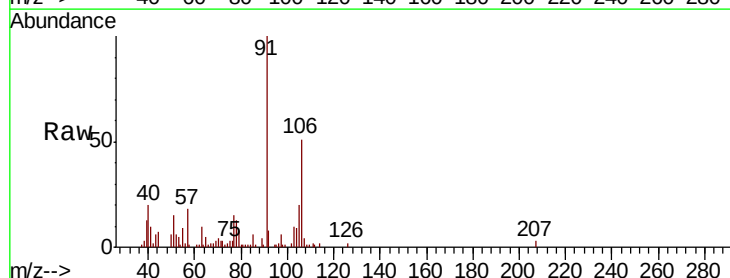
Instrument :
MSVOA_D
ClientSampleId :

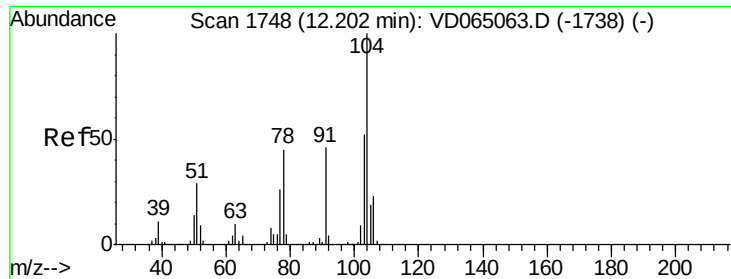
Tot Ion:106 Resp: 42077
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3



#69
o-Xylene
Concen: 4.299 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065177.D
Acq: 13 Feb 2020 15:03

Tgt Ion:106 Resp: 18698
Ion Ratio Lower Upper
106 100
91 202.4 104.7 313.9





#70

Stvrene

Concen: 1.777 ug/l

RT: 12.20 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

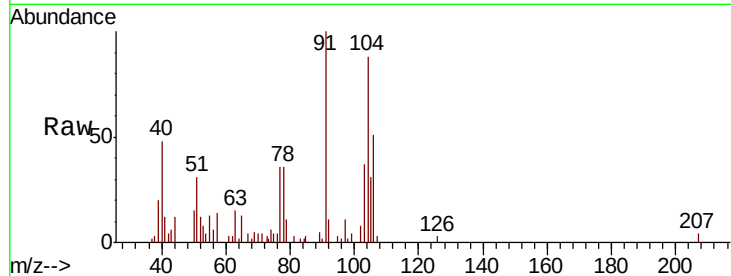
Tot Ion:104 Resp: 13436

Ion Ratio Lower Upper

104 100

78 64.1 38.5 57.7#

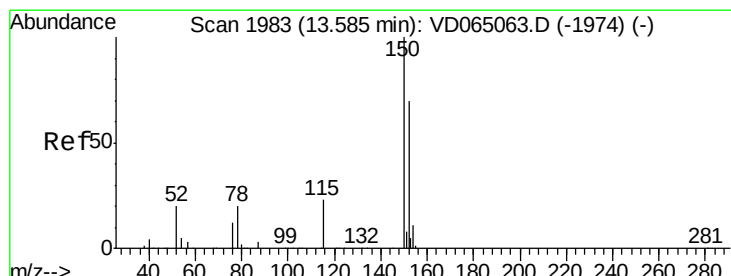
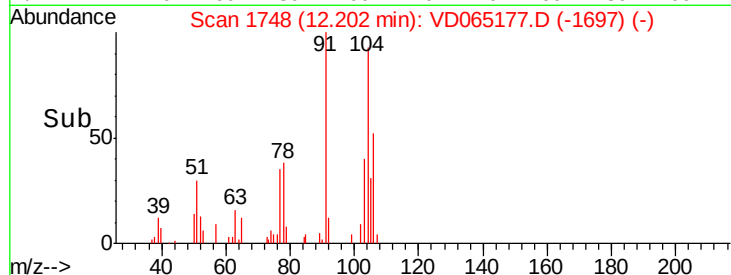
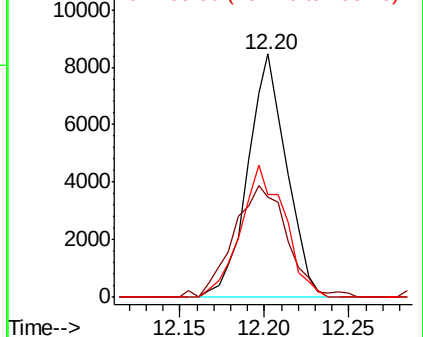
103 61.6 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

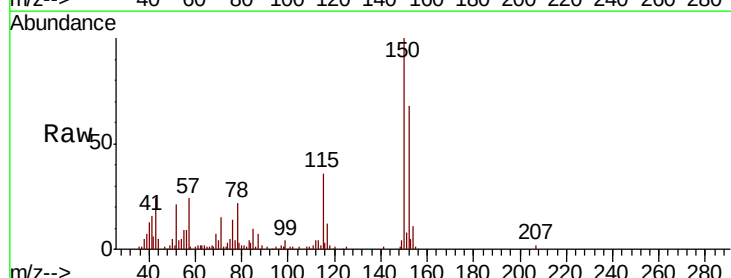
Tgt Ion:152 Resp: 41084

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.4

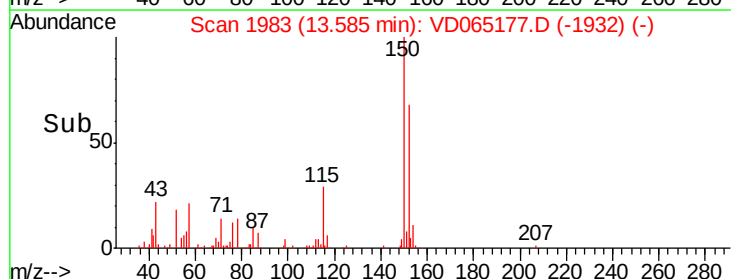
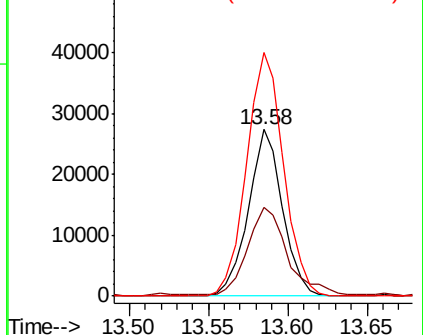
150 157.4 0.0 343.2

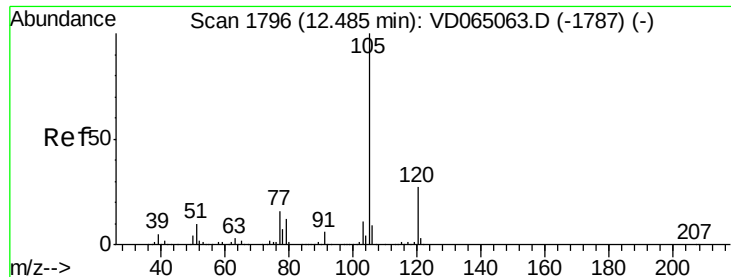


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.215 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

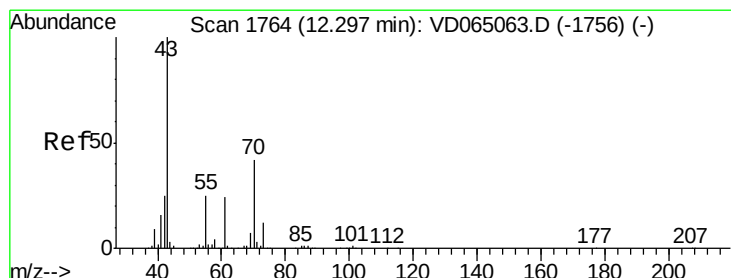
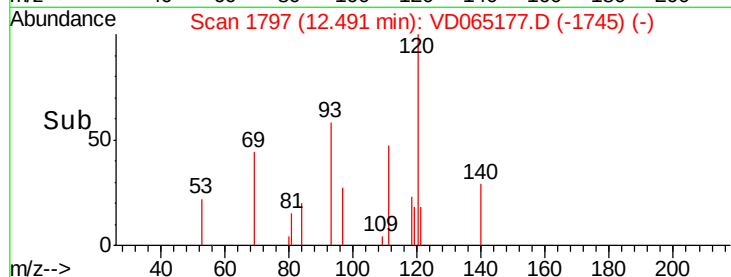
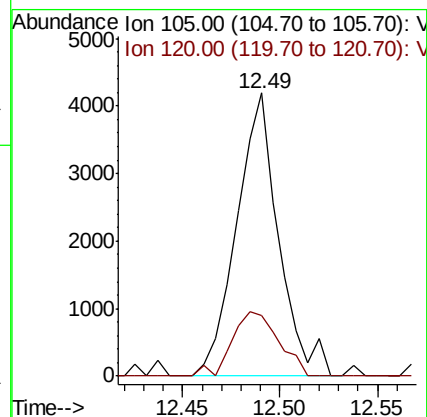
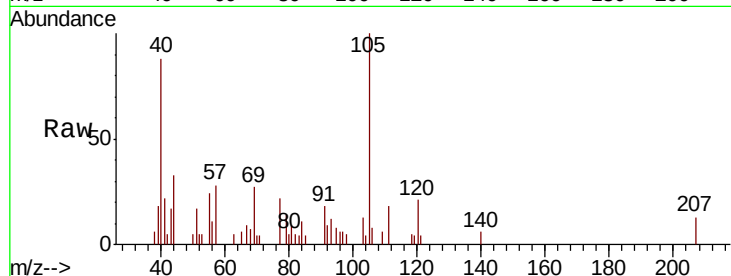
ClientSampleId :

Tot Ion:105 Resp: 6245

Ion Ratio Lower Upper

105 100

120 25.2 13.3 39.9



#74

N-ethyl acetate

Concen: 7.812 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.03 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Tgt Ion: 43 Resp: 4788

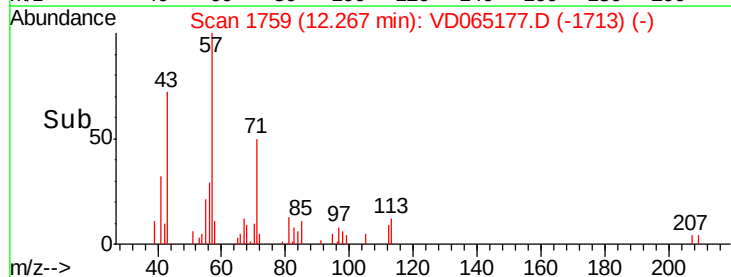
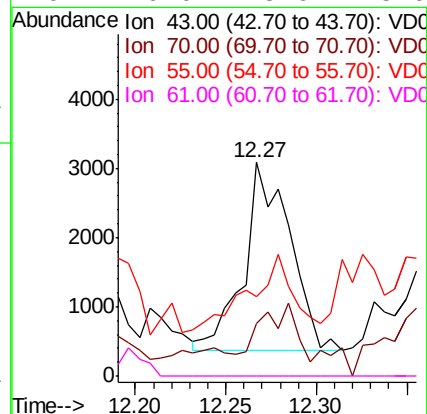
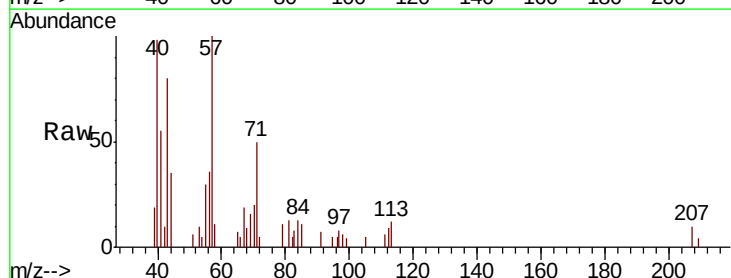
Ion Ratio Lower Upper

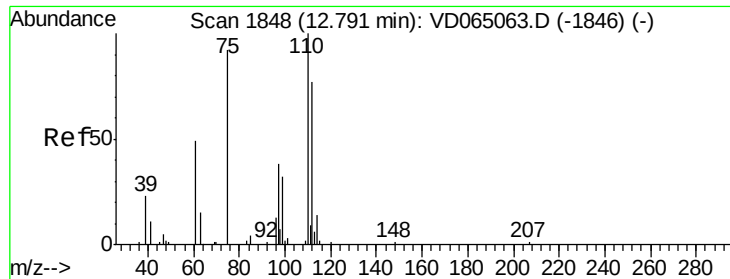
43 100

70 22.4 33.5 50.3#

55 36.6 19.4 29.2#

61 0.0 18.6 28.0#

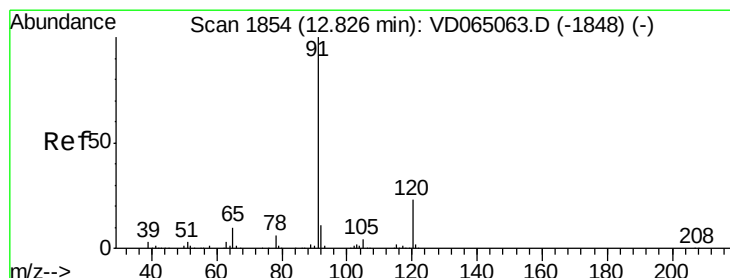
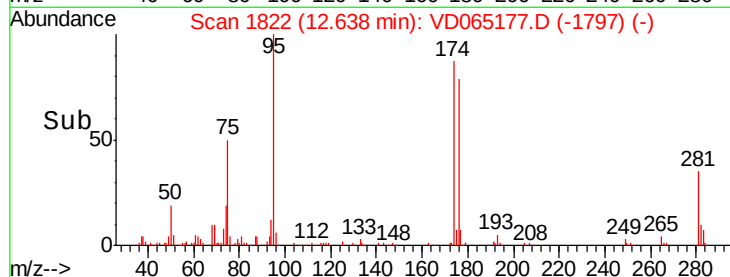
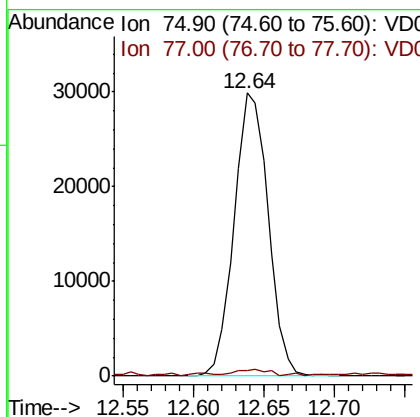
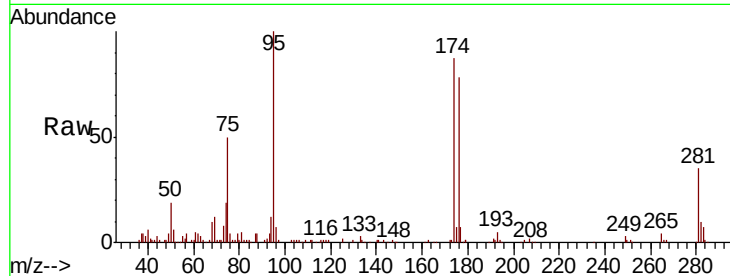




#76
 1,2,3-Trichloropropane
 Concen: 162.238 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

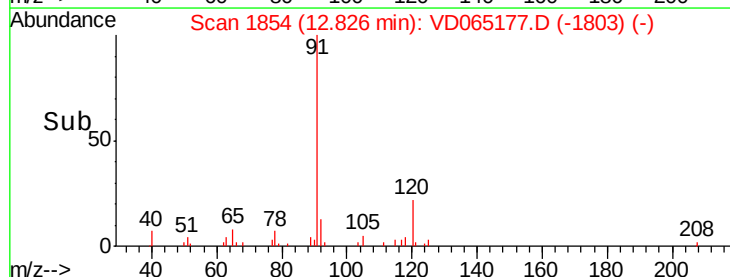
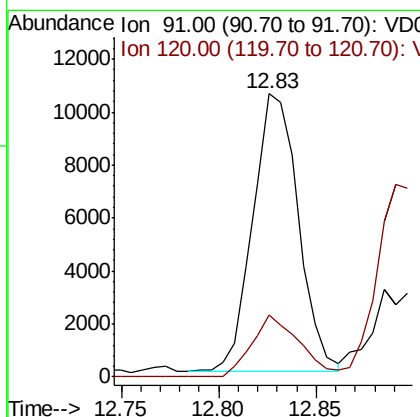
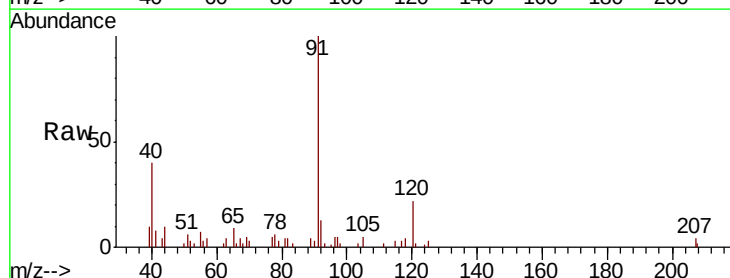
Instrument :
 MSVOA_D
 ClientSampleId :

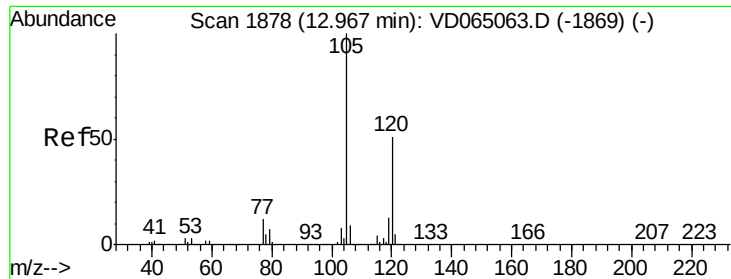
Tot Ion: 75 Resp: 50464
 Ion Ratio Lower Upper
 75 100
 77 2.6 0.0 0.0#



#78
 n-propylbenzene
 Concen: 5.099 ug/l
 RT: 12.83 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Tgt Ion: 91 Resp: 16840
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 12.733 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

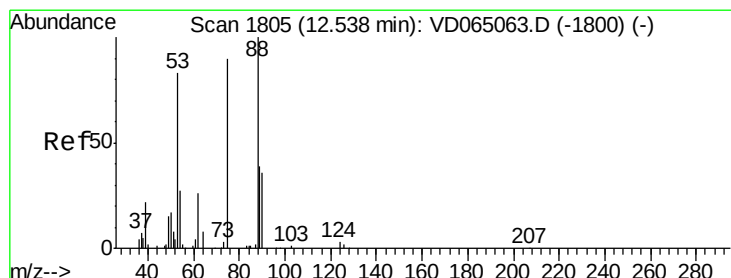
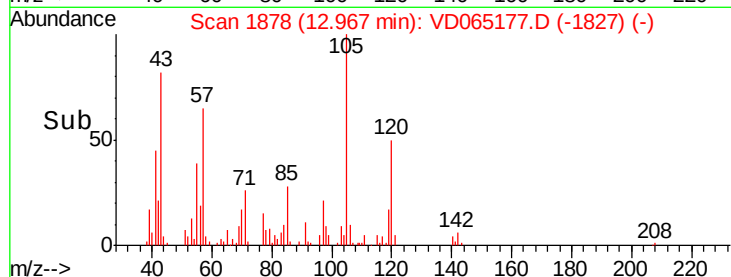
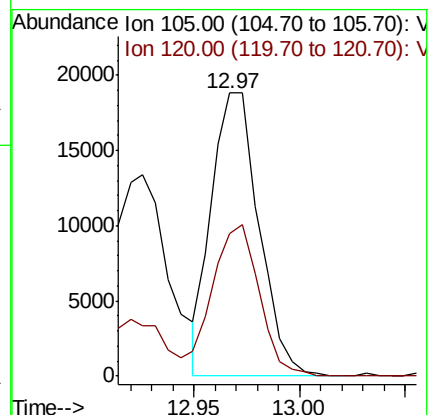
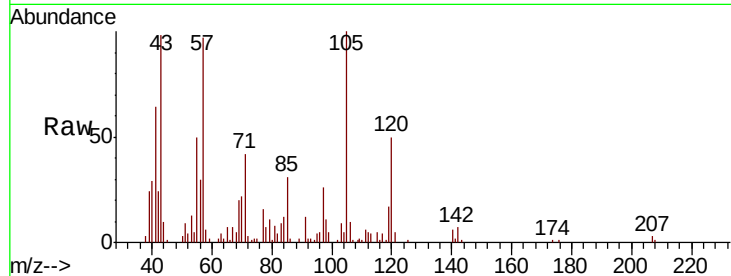
ClientSampled :

Tot Ion:105 Resp: 29375

Ion Ratio Lower Upper

105 100

120 53.3 25.1 75.4



#81

trans-1,4-Dichloro-2-butene

Concen: 324.463 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

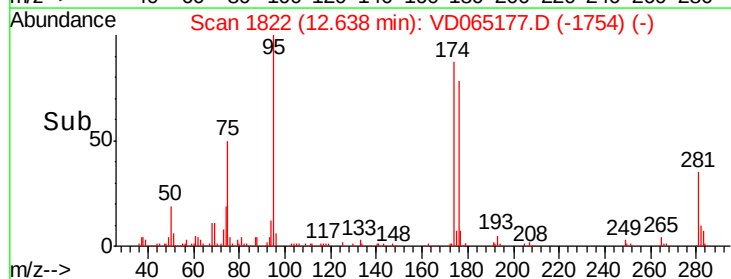
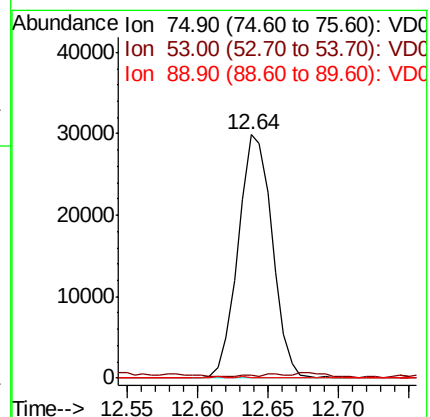
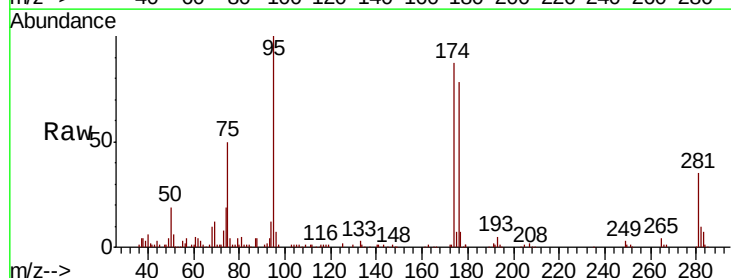
Tgt Ion: 75 Resp: 50464

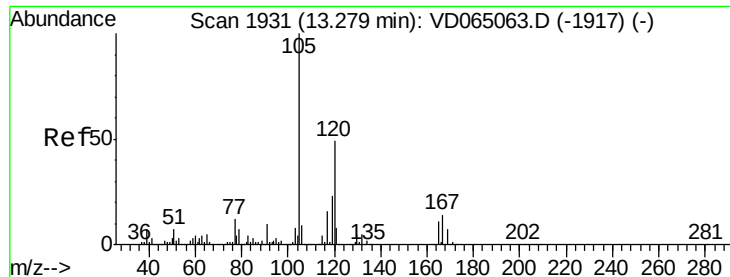
Ion Ratio Lower Upper

75 100

53 0.7 78.5 117.7#

89 0.1 37.0 55.4#

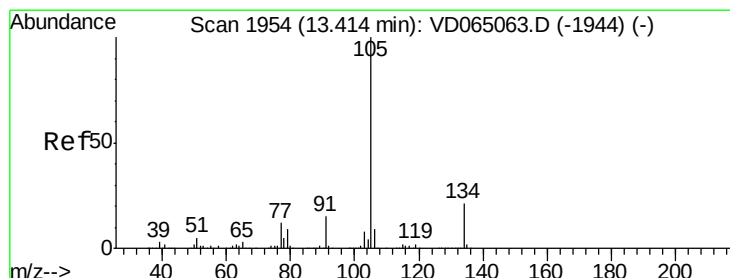
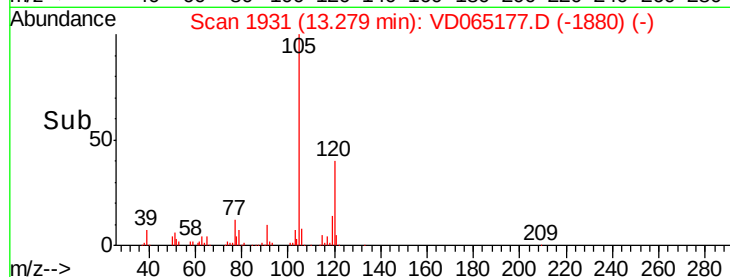
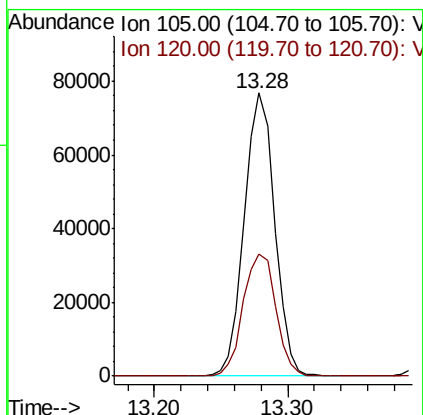
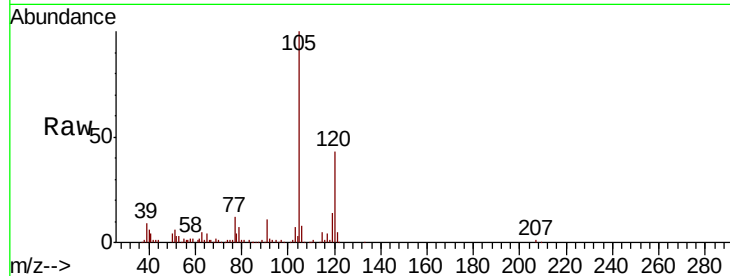




#84
 1,2,4-Trimethylbenzene
 Concen: 52.639 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

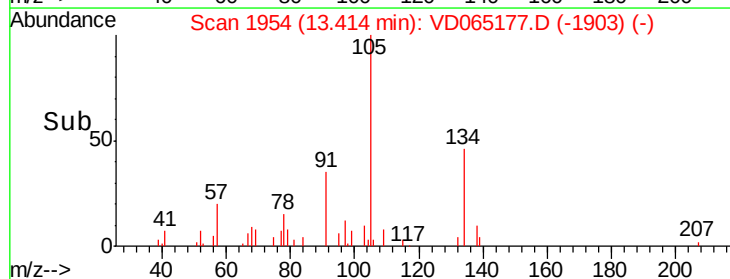
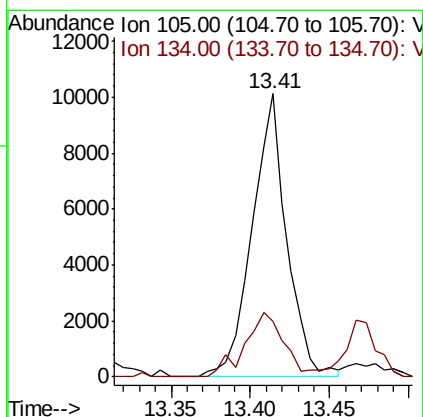
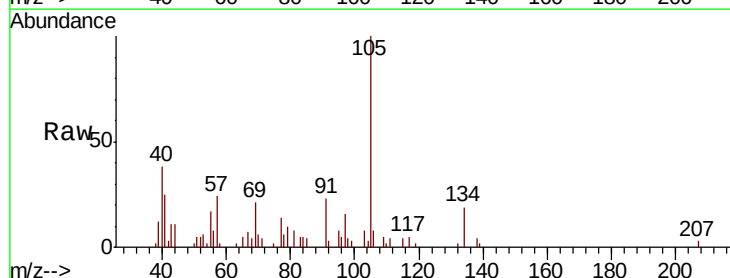
Instrument :
 MSVOA_D
 ClientSampled :

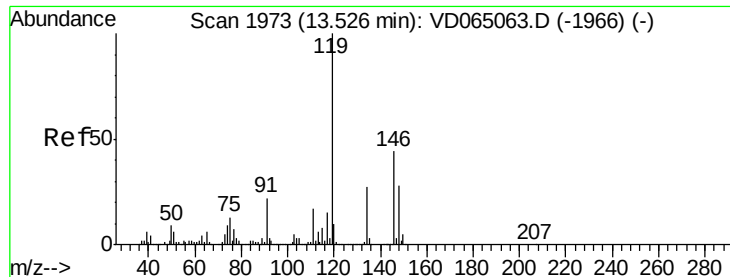
Tot Ion:105 Resp: 120559
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 5.666 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Tgt Ion:105 Resp: 15401
 Ion Ratio Lower Upper
 105 100
 134 26.0 10.4 31.1

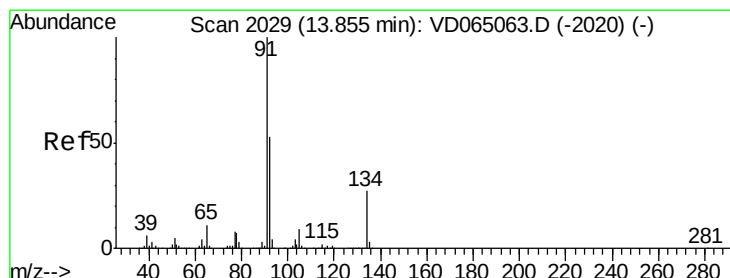
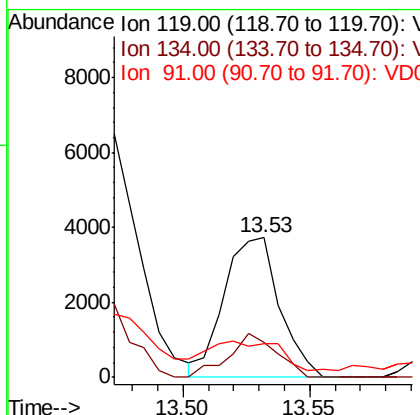
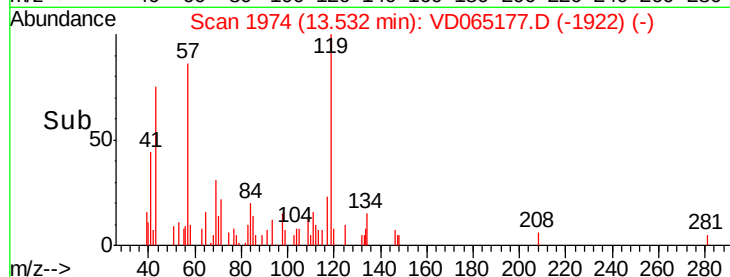
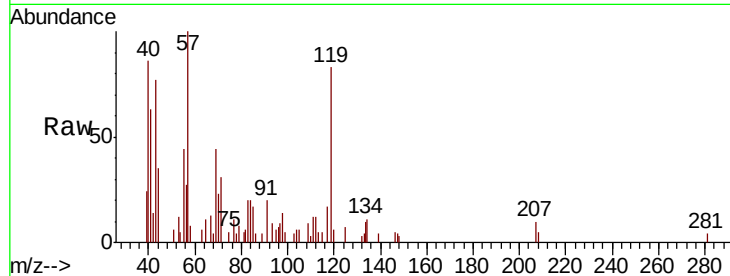




#86
 p-Isopropyltoluene
 Concen: 2.254 ug/l
 RT: 13.53 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

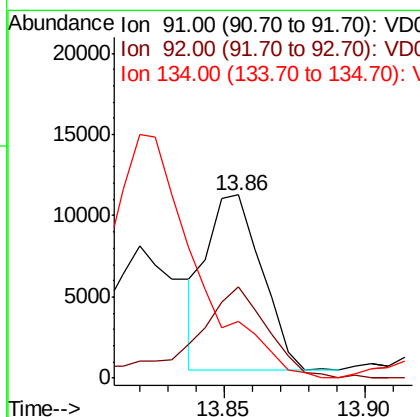
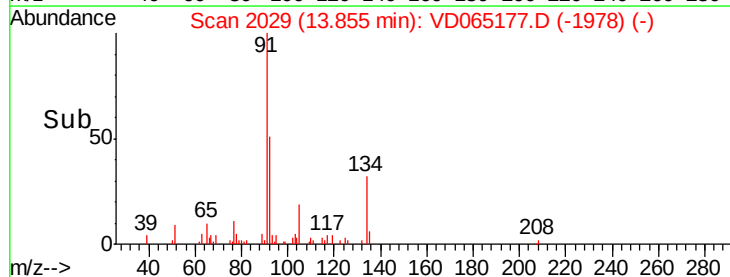
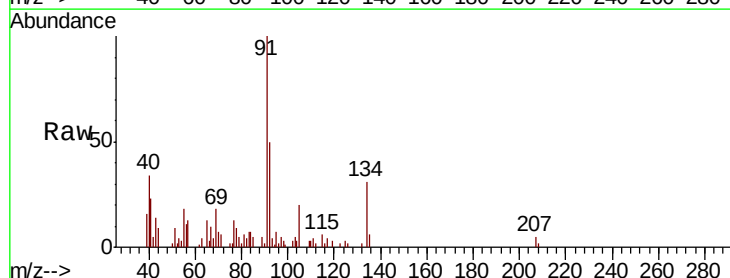
Instrument :
 MSVOA_D
 ClientSampleID :

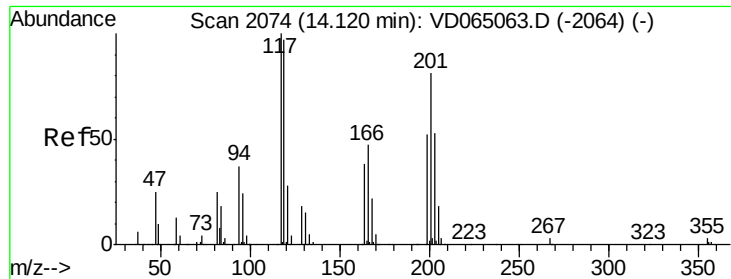
Tot Ion: 119 Resp: 5694
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 27.2 11.3 33.9



#89
 n-Butylbenzene
 Concen: 6.279 ug/l
 RT: 13.86 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VD065177.D
 Acq: 13 Feb 2020 15:03

Tgt Ion: 91 Resp: 14637
 Ion Ratio Lower Upper
 91 100
 92 68.6 26.7 80.1
 134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 18.586 ug/l

RT: 14.13 min Scan# 2076

Delta R.T. 0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

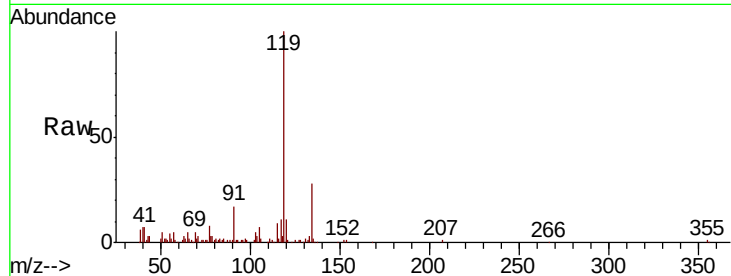
ClientSampleId :

Tot Ion:117 Resp: 8889

Ion Ratio Lower Upper

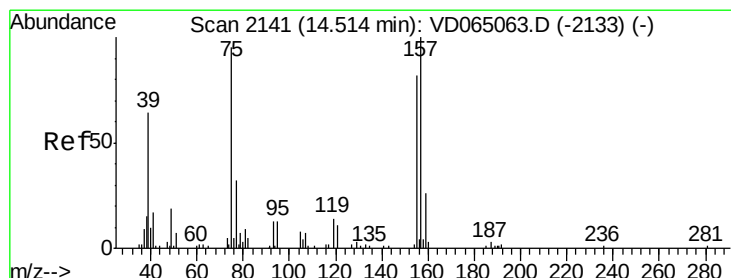
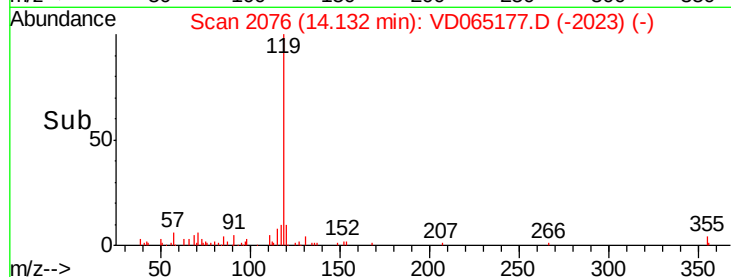
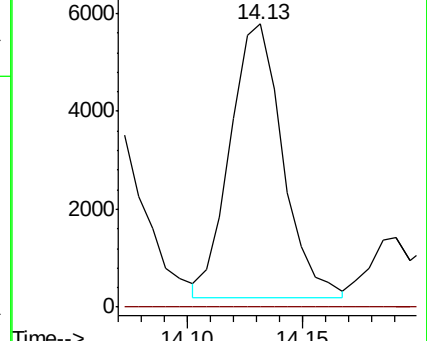
117 100

201 0.0 42.5 127.6#



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: 7.840 ug/l

RT: 14.50 min Scan# 2138

Delta R.T. -0.02 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

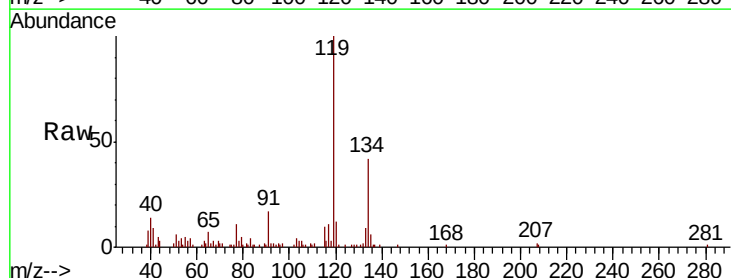
Tgt Ion: 75 Resp: 568

Ion Ratio Lower Upper

75 100

155 0.0 43.4 130.1#

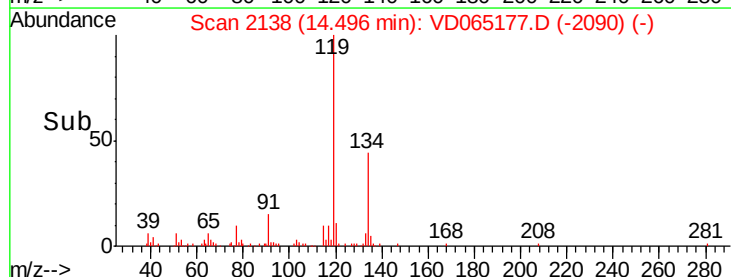
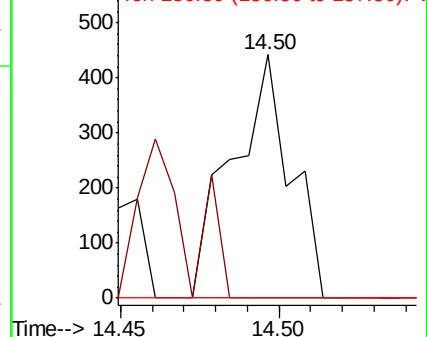
157 0.0 55.8 167.3#

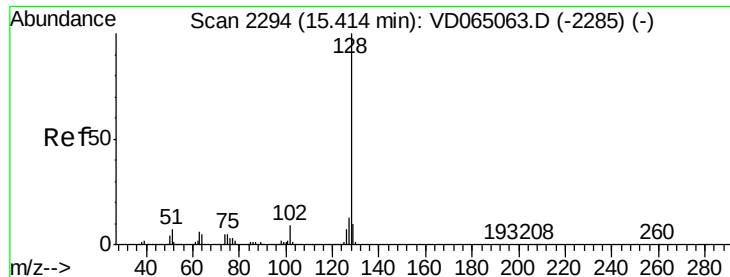


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 7.132 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

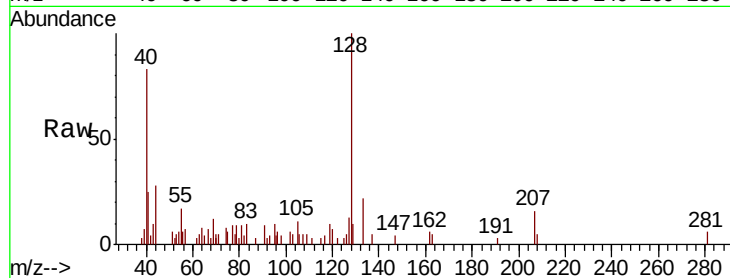
Tot Ion:128 Resp: 9231

Ion Ratio Lower Upper

128 100

127 14.9 10.6 15.8

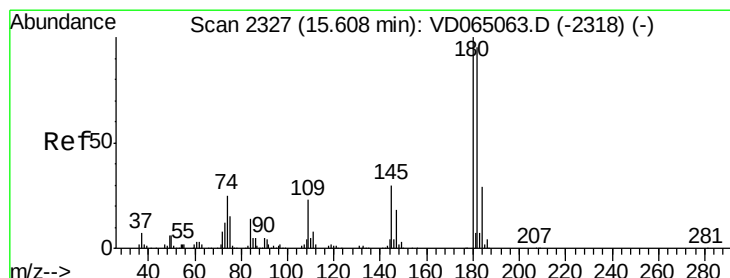
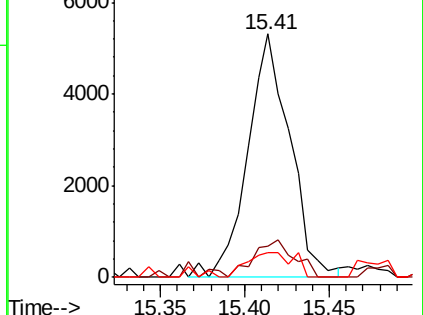
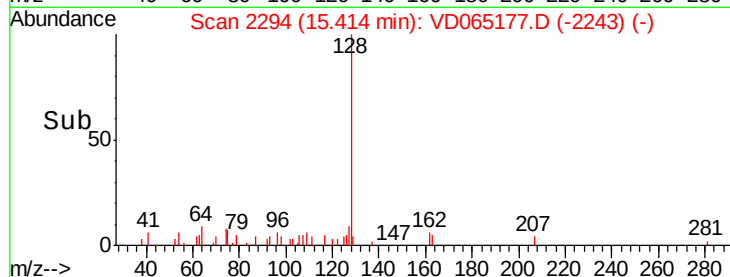
129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.024 ug/l

RT: 15.61 min Scan# 2328

Delta R.T. 0.01 min

Lab File: VD065177.D

Acq: 13 Feb 2020 15:03

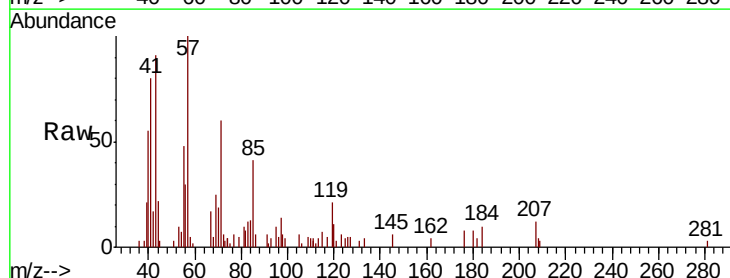
Tgt Ion:180 Resp: 682

Ion Ratio Lower Upper

180 100

182 55.3 47.1 141.4

145 173.6 14.9 44.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

