

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065948.D
 Acq On : 10 Jul 2020 14:59
 Operator : VA/SY
 Sample : L3259-01
 Misc : 3.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 11 04:30:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	184933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	294921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	178649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	34896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102343	62.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.90%	
35) Dibromofluoromethane	7.92	113	100728	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
50) Toluene-d8	10.34	98	281545	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
62) 4-Bromofluorobenzene	12.64	95	55406	24.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.62%	

Target Compounds

					Qvalue	
10) Methyl Iodide	4.30	142	636	2.812	ug/l #	61
11) Tert butyl alcohol	5.21	59	2398	Below Cal	#	71
13) Acrolein	3.66	56	55	Below Cal	#	15
16) Acetone	4.16	43	7948	20.693	ug/l #	82
18) Methyl Acetate	4.72	43	4371	4.855	ug/l #	84
20) Methylene Chloride	4.96	84	16848	Below Cal	#	87
25) 2-Butanone	7.23	43	1796	3.539	ug/l #	47
31) Cyclohexane	7.98	56	3957	1.182	ug/l #	27
38) Carbon Tetrachloride	7.98	117	18143	5.811	ug/l #	17
51) 4-Methyl-2-Pentanone	10.23	43	1569	1.366	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.94	63	1749	2.064	ug/l	93
59) 2-Hexanone	10.98	43	1467	1.857	ug/l	65
68) m/p-Xylenes	11.86	106	2881	1.186	ug/l	96
73) Isopropylbenzene	12.48	105	4223	1.734	ug/l	92
74) N-amyl acetate	12.26	43	2547	4.661	ug/l #	66
76) 1,2,3-Trichloropropane	12.63	75	27689	94.589	ug/l #	100
78) n-propylbenzene	12.82	91	4036	1.414	ug/l	85
79) 2-Chlorotoluene	12.92	91	2293	1.416	ug/l	79
80) 1,3,5-Trimethylbenzene	12.97	105	3262	1.638	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.63	75	27689	203.243	ug/l #	12
82) 4-Chlorotoluene	12.92	91	2316	1.363	ug/l	79
83) tert-Butylbenzene	13.23	119	1759	1.036	ug/l #	32
84) 1,2,4-Trimethylbenzene	13.27	105	3922	1.978	ug/l	76
85) sec-Butylbenzene	13.40	105	3476	1.445	ug/l	79
87) 1,3-Dichlorobenzene	13.52	146	1182	1.069	ug/l #	76
88) 1,4-Dichlorobenzene	13.60	146	2104	1.908	ug/l #	61
89) n-Butylbenzene	13.84	91	5638	2.729	ug/l	76
90) Hexachloroethane	14.12	117	953	2.148	ug/l #	17
91) 1,2-Dichlorobenzene	13.90	146	970	1.004	ug/l #	69
92) 1,2-Dibromo-3-Chloropropan	14.41	75	94	1.390	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.16	180	997	1.448	ug/l #	1
94) Hexachlorobutadiene	15.26	225	480	1.153	ug/l #	40
95) Naphthalene	15.41	128	17873	15.478	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.62	180	5317	8.953	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

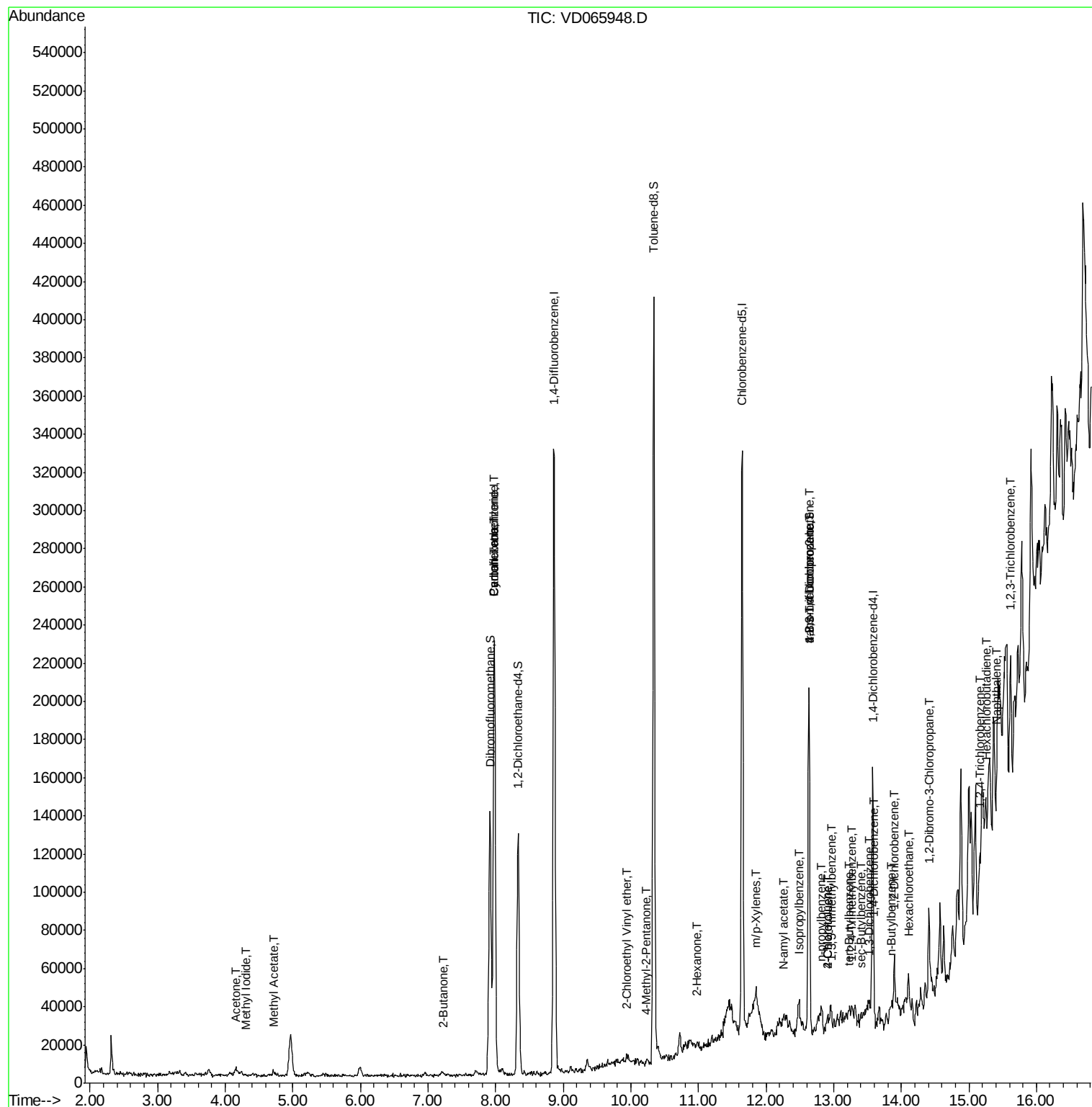
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

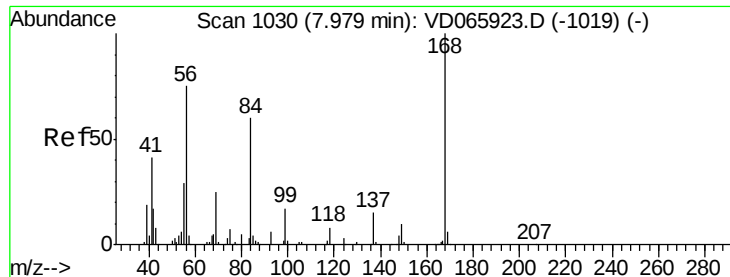
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

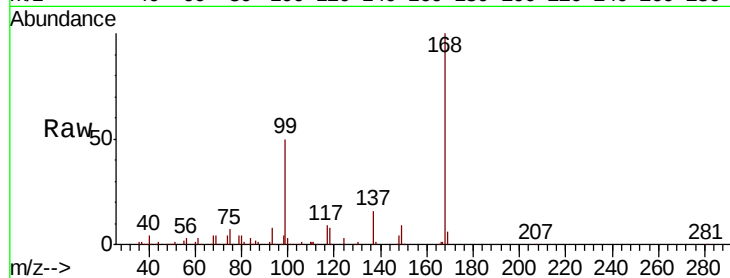
ClientSampleId :

Tot Ion:168 Resp: 184933

Ion Ratio Lower Upper

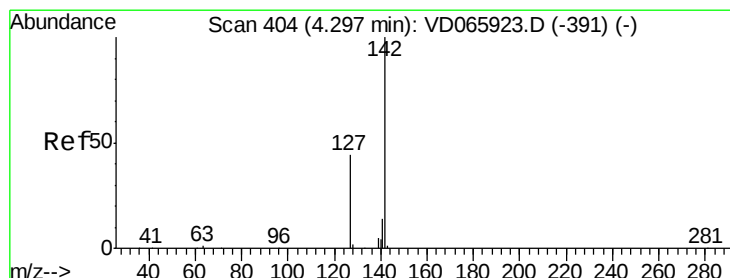
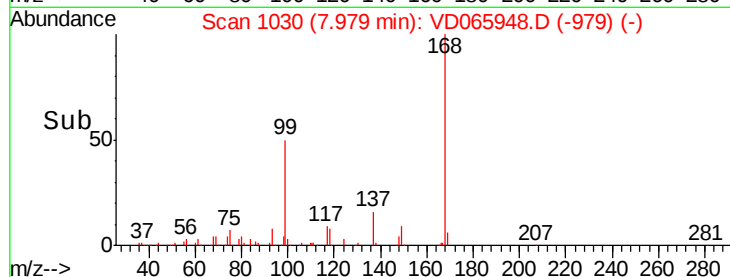
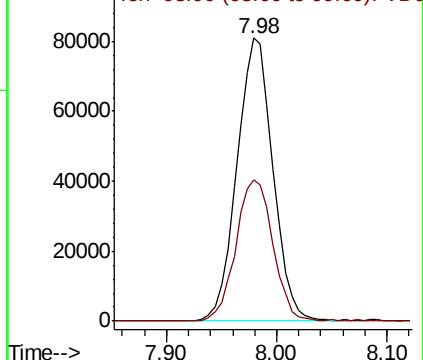
168 100

99 49.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.812 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

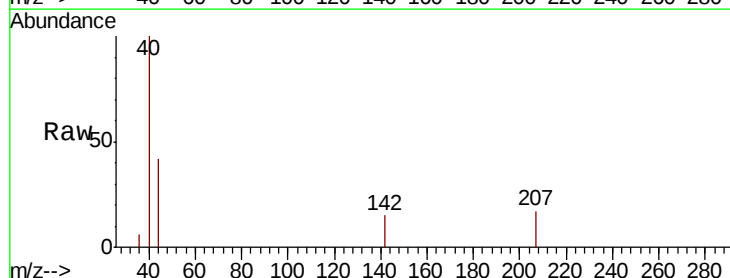
Tgt Ion:142 Resp: 636

Ion Ratio Lower Upper

142 100

127 17.8 34.6 51.8#

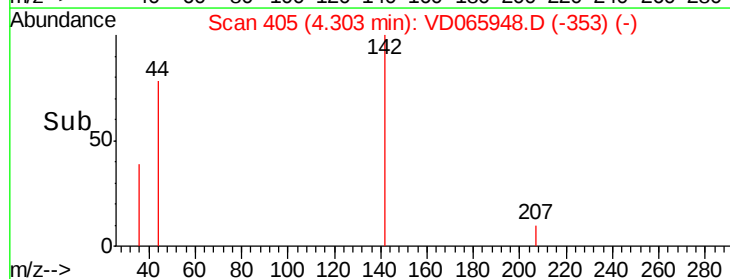
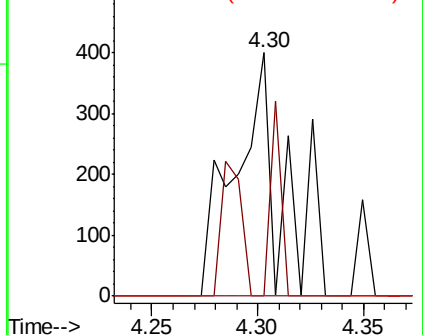
141 0.0 11.6 17.4#

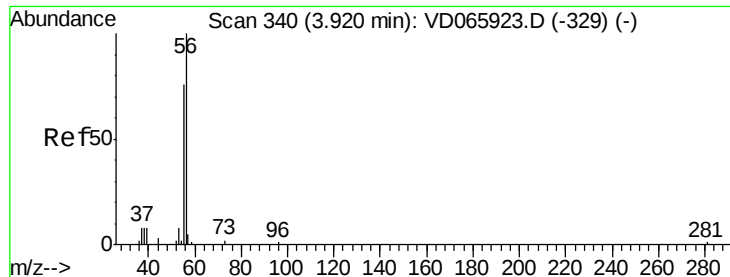


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: Below Cal

RT: 3.66 min Scan# 295

Delta R.T. -0.26 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

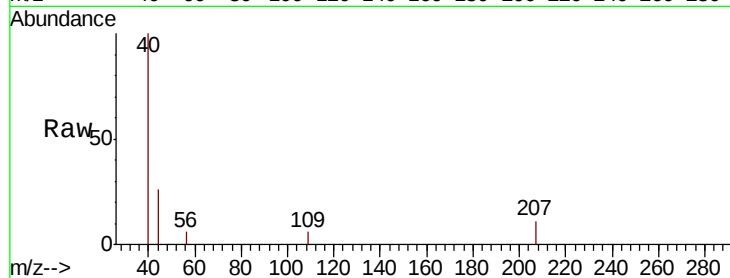
ClientSampleId :

Tot Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.66

150

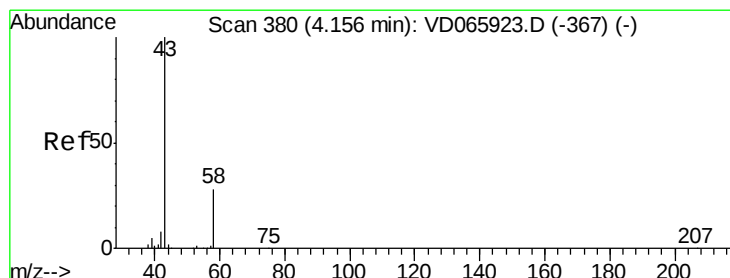
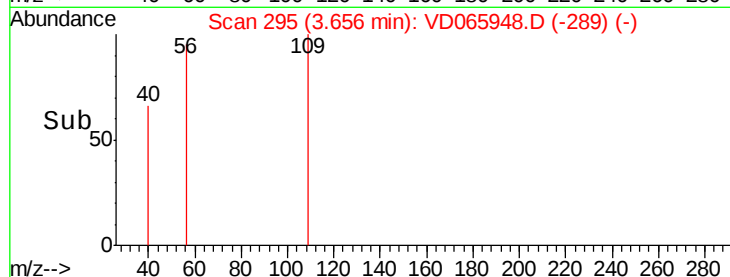
100

50

0

3.64 3.65 3.66 3.67

Time-->



#16

Acetone

Concen: 20.693 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065948.D

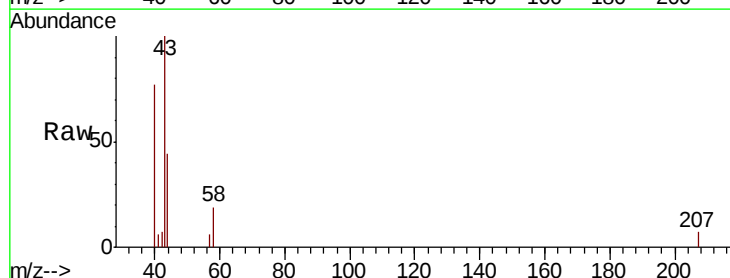
Acq: 10 Jul 2020 14:59

Tgt Ion: 43 Resp: 7948

Ion Ratio Lower Upper

43 100

58 19.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

3000

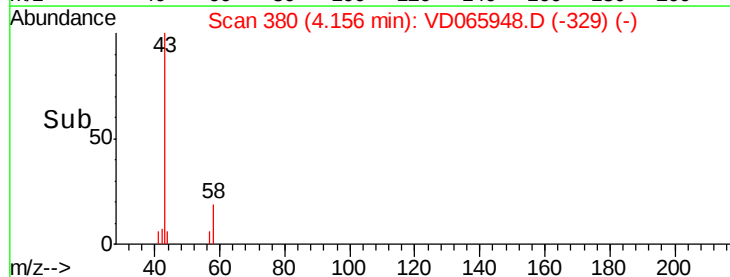
2000

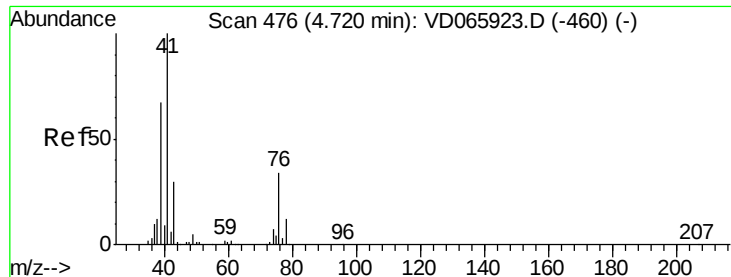
1000

0

4.05 4.10 4.15 4.20 4.25

Time-->

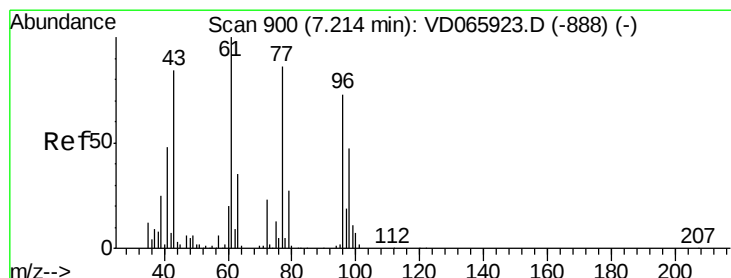
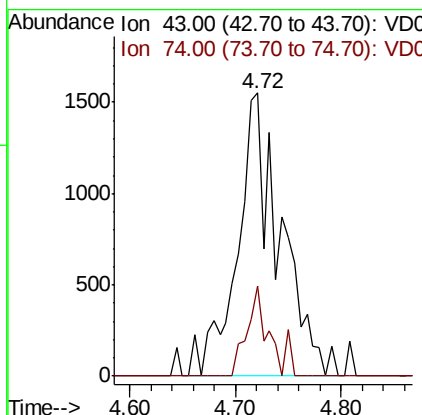
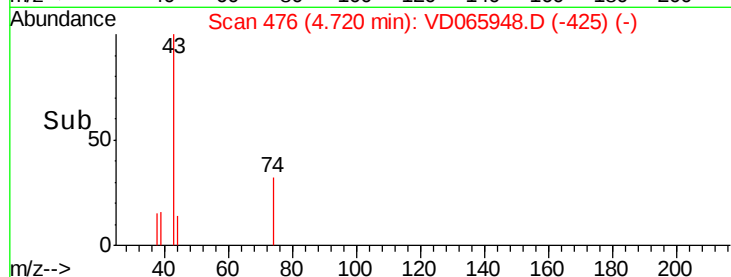
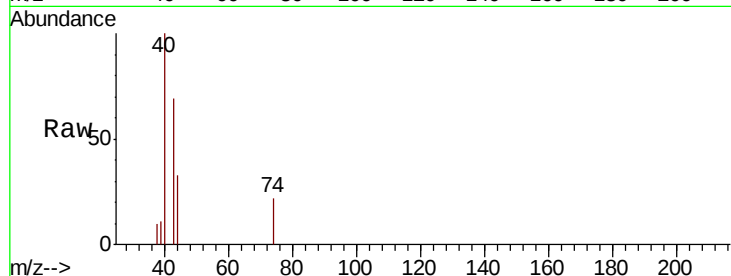




#18
Methyl Acetate
Concen: 4.855 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

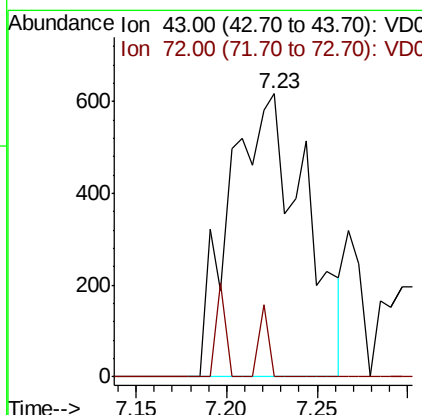
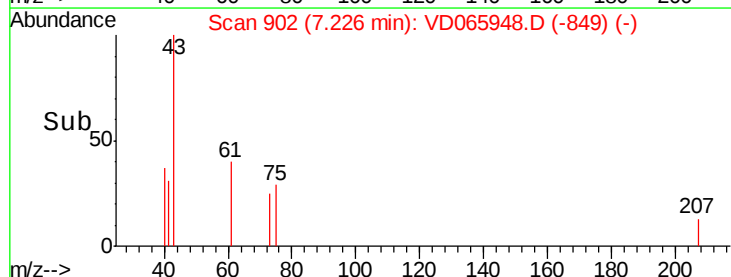
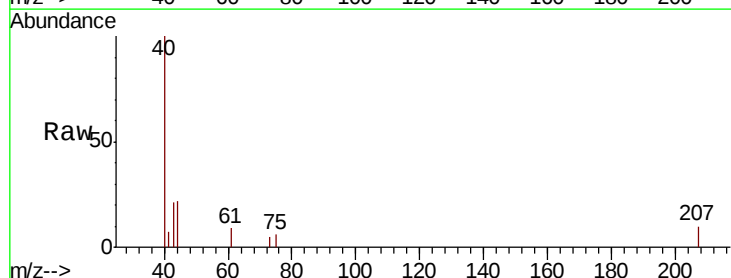
Instrument :
MSVOA_D
ClientSampleId :

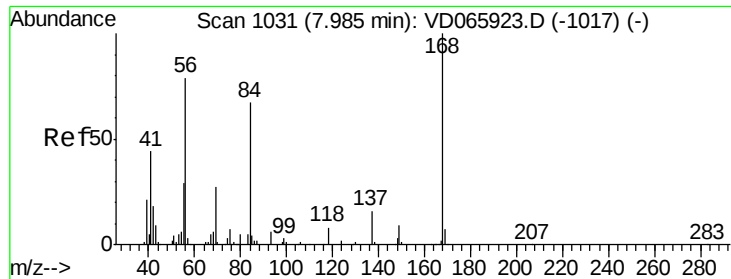
Tot Ion: 43 Resp: 4371
Ion Ratio Lower Upper
43 100
74 14.5 17.8 26.8#



#25
2-Butanone
Concen: 3.539 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
72 0.0 22.1 33.1#

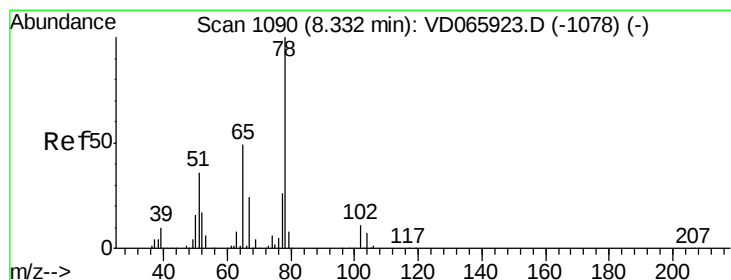
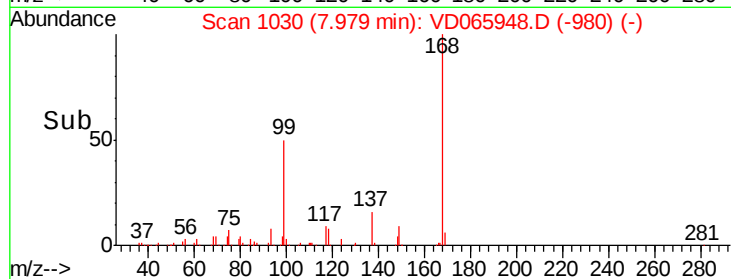
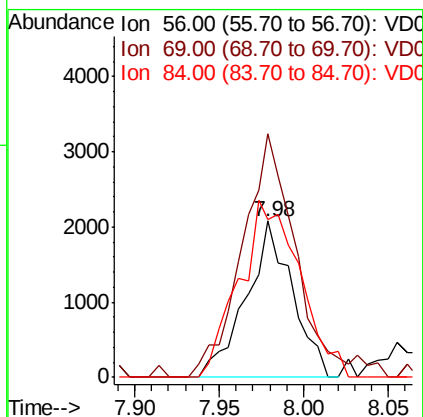
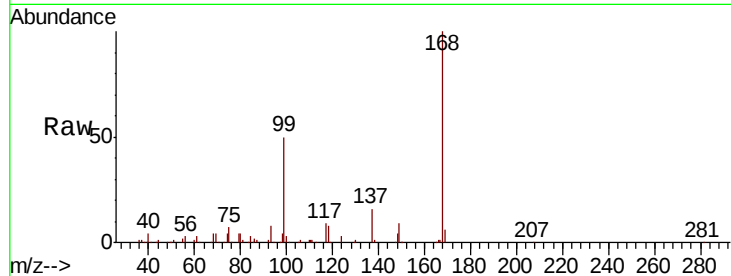




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

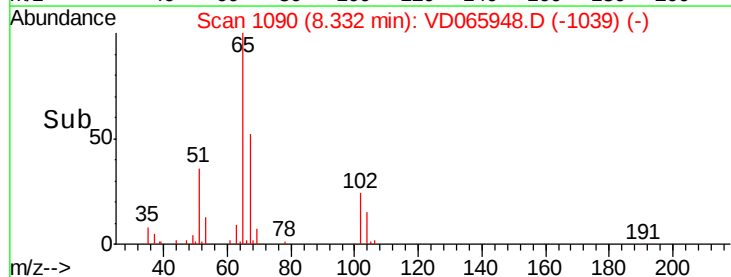
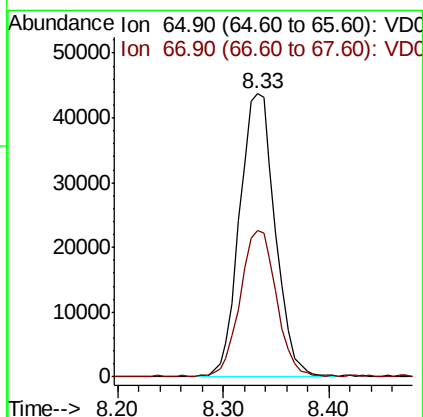
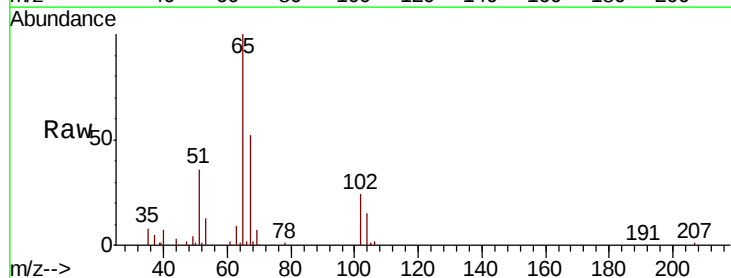
Instrument :
MSVOA_D
ClientSampled :

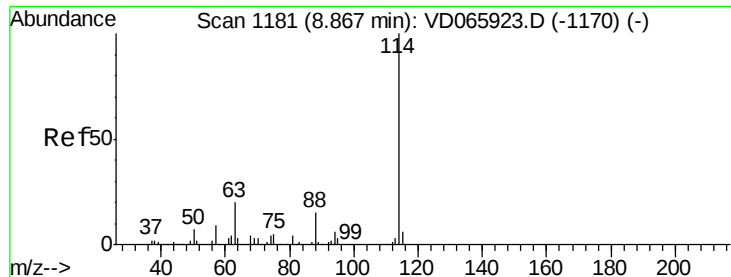
Tot Ion: 56 Resp: 3957
Ion Ratio Lower Upper
56 100
69 156.1 27.4 41.0#
84 101.6 68.6 102.8



#33
1,2-Dichloroethane-d4
Concen: 62.445 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion: 65 Resp: 102343
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6

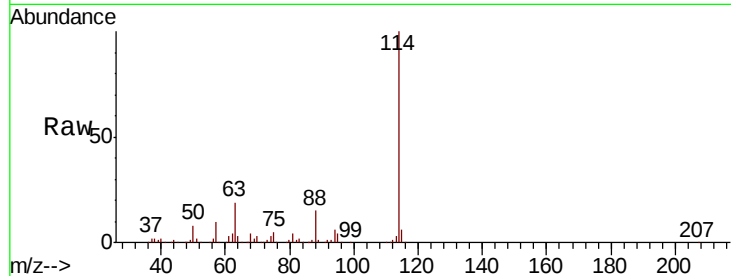




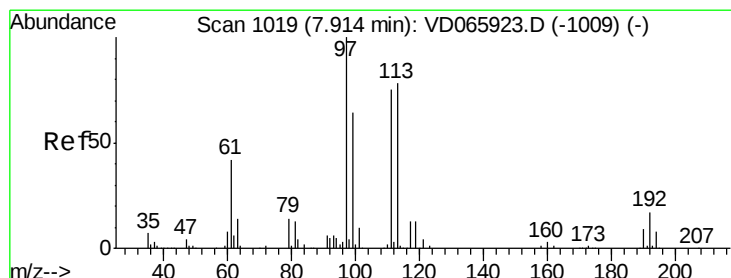
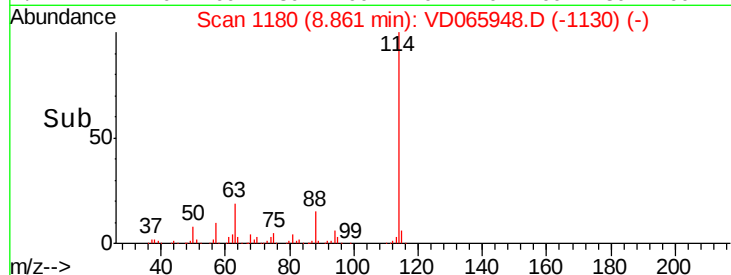
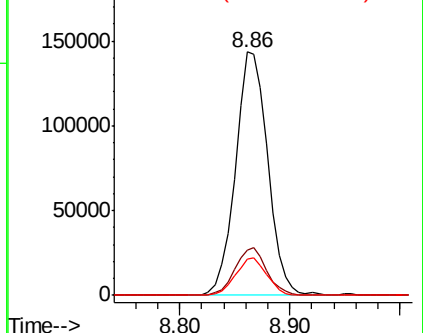
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.2
88	15.0	0.0	30.0

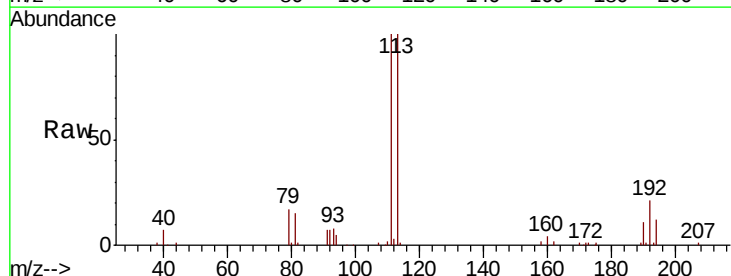


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

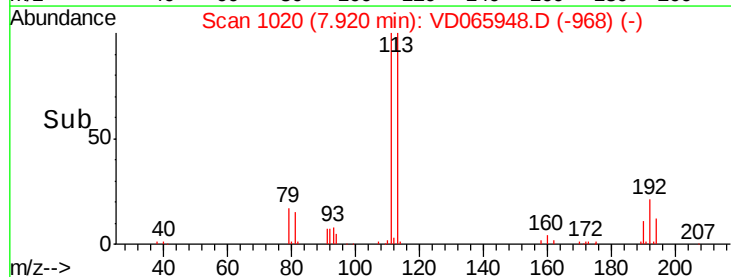
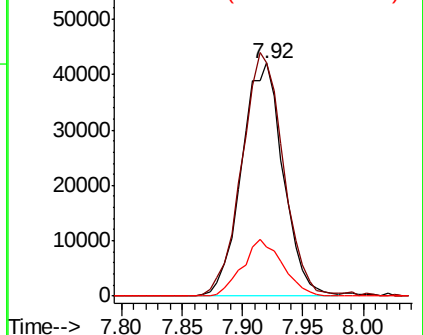


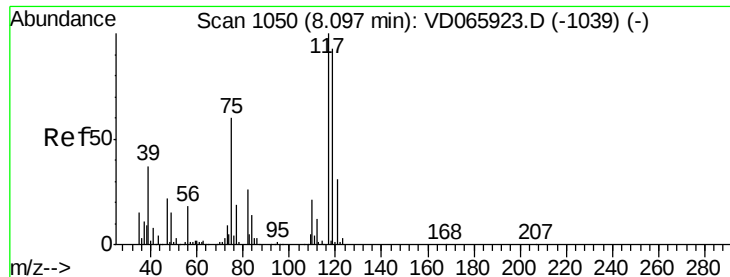
#35
 Dibromofluoromethane
 Concen: 55.365 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.9	121.3
192	23.3	17.1	25.7



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





#38

Carbon Tetrachloride

Concen: 5.811 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampled :

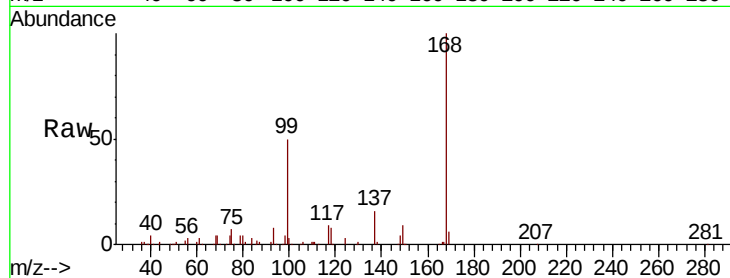
Tot Ion:117 Resp: 18143

Ion Ratio Lower Upper

117 100

119 4.7 74.7 112.1#

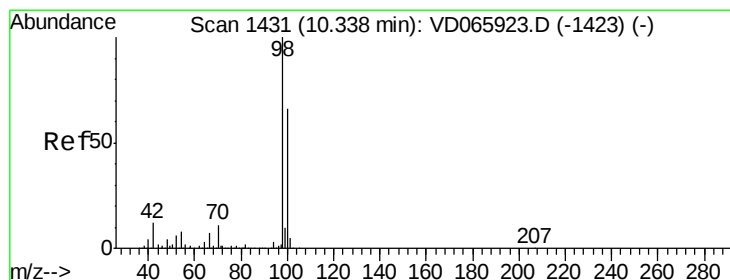
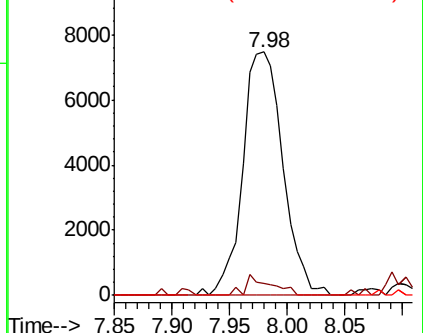
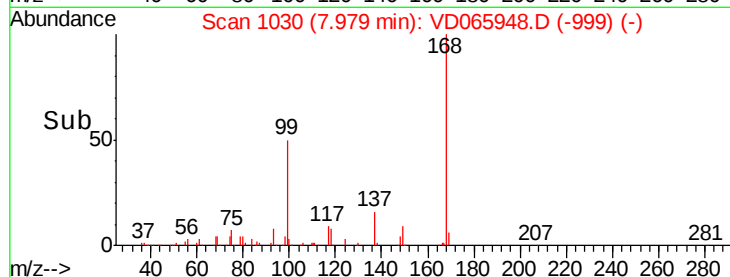
121 0.0 24.9 37.3#



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



#50

Toluene-d8

Concen: 42.413 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065948.D

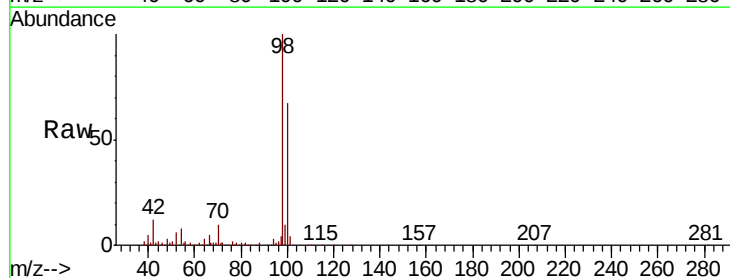
Acq: 10 Jul 2020 14:59

Tgt Ion: 98 Resp: 281545

Ion Ratio Lower Upper

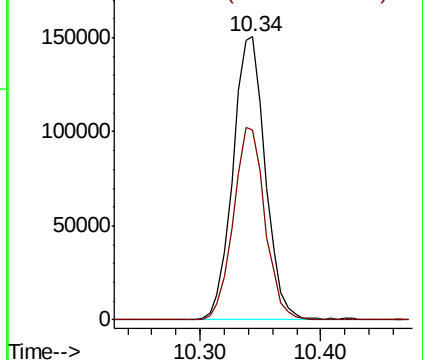
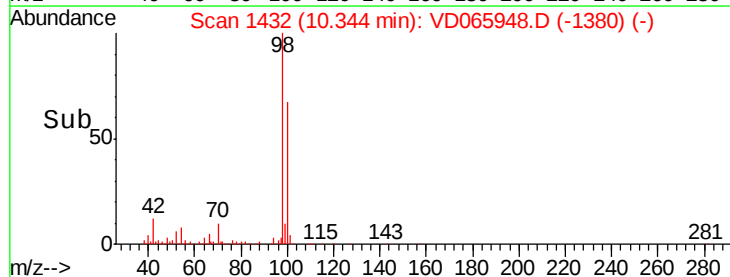
98 100

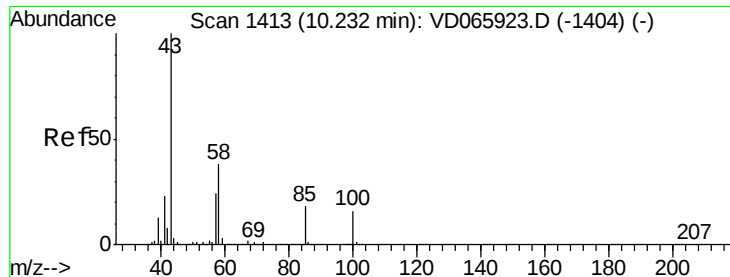
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.366 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

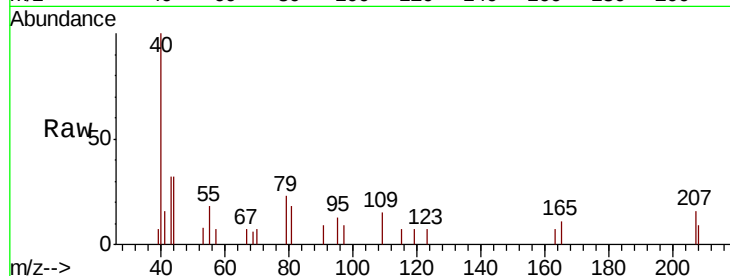
ClientSampled :

Tot Ion: 43 Resp: 1569

Ion Ratio Lower Upper

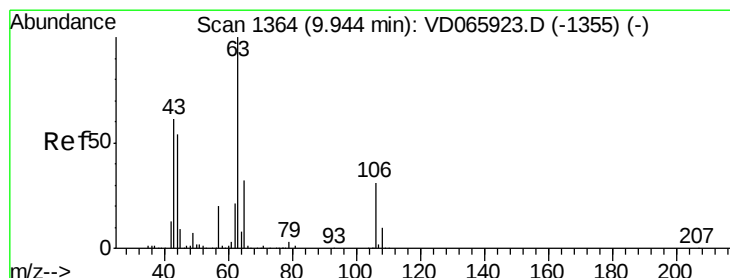
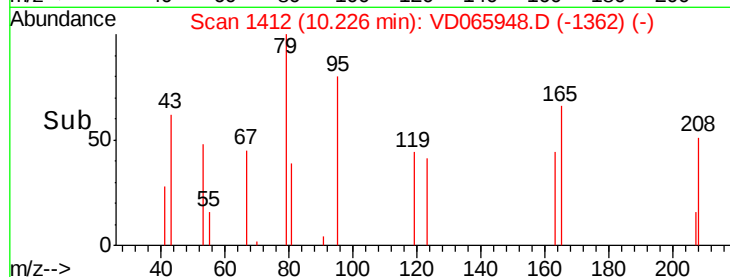
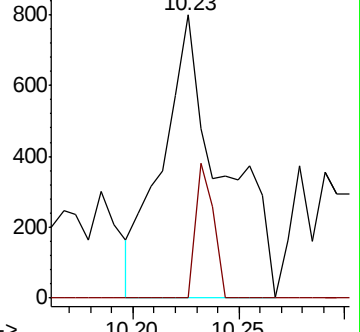
43 100

58 14.4 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 2.064 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VD065948.D

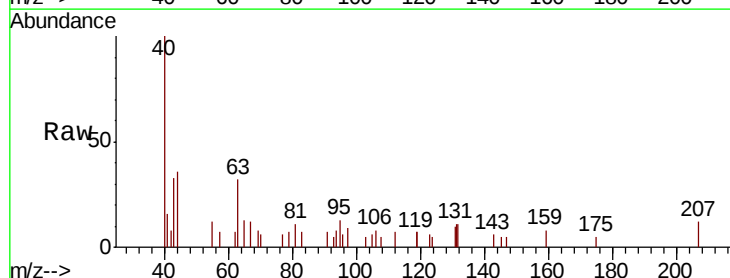
Acq: 10 Jul 2020 14:59

Tgt Ion: 63 Resp: 1749

Ion Ratio Lower Upper

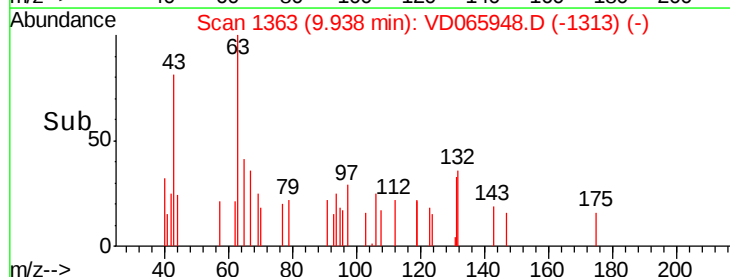
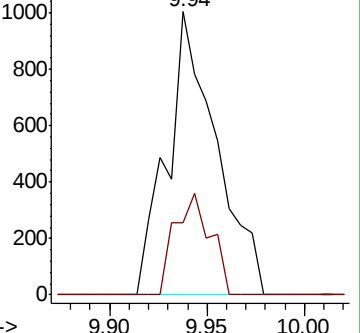
63 100

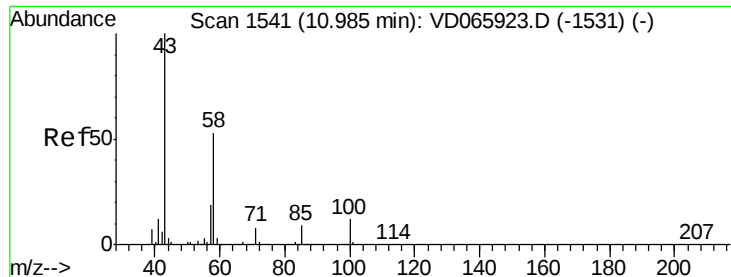
106 25.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

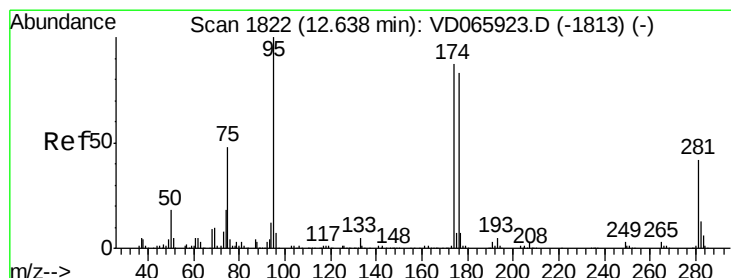
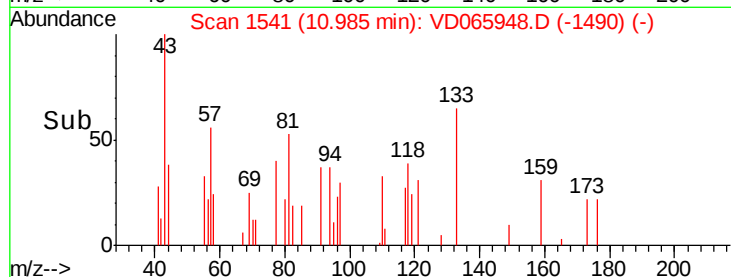
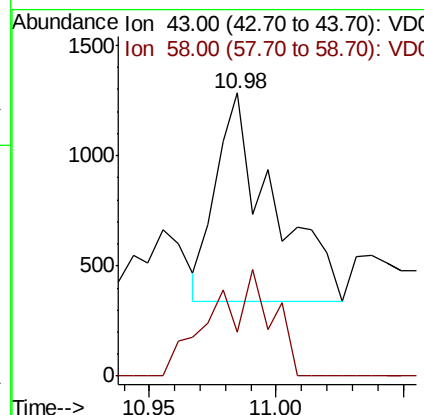
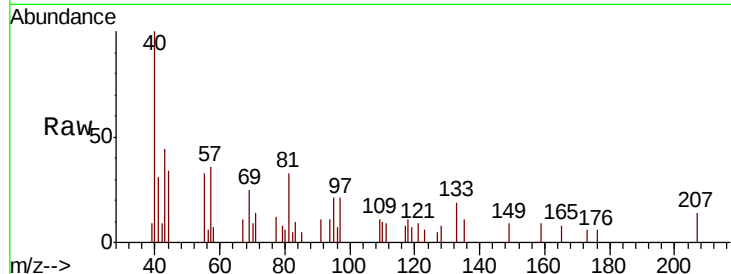




#59
2-Hexanone
Concen: 1.857 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

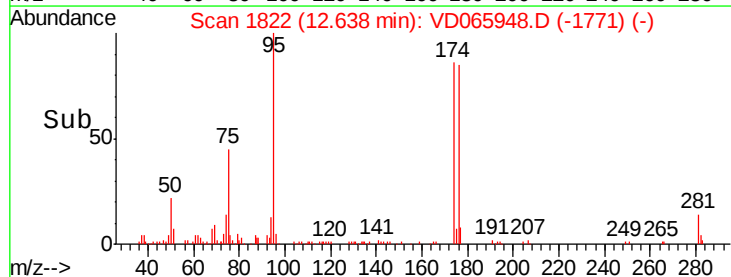
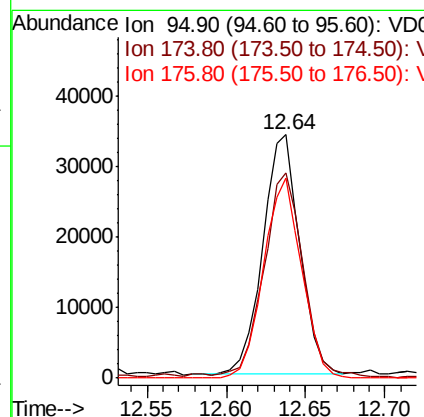
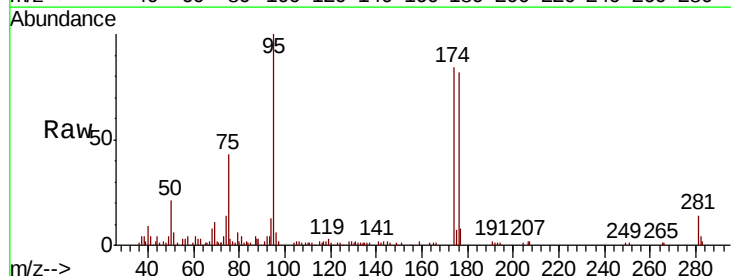
Instrument :
MSVOA_D
ClientSampled :

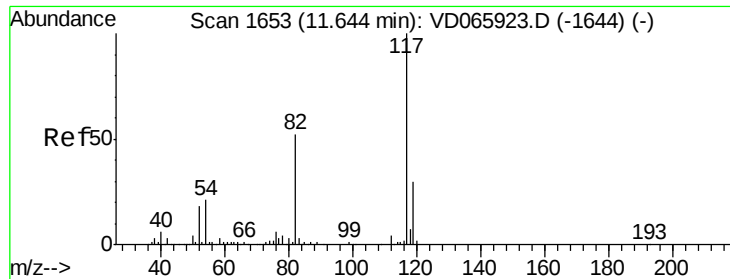
Tot Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 28.2 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 24.306 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion: 95 Resp: 55406
Ion Ratio Lower Upper
95 100
174 92.9 0.0 169.4
176 85.4 0.0 164.0

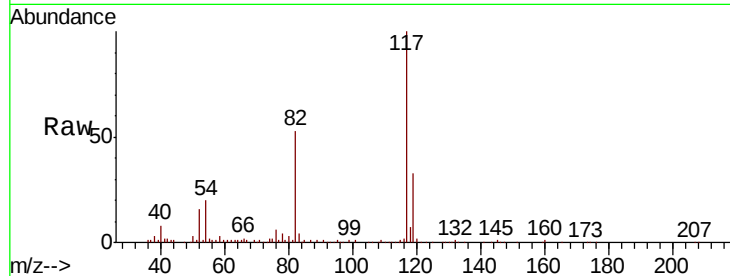




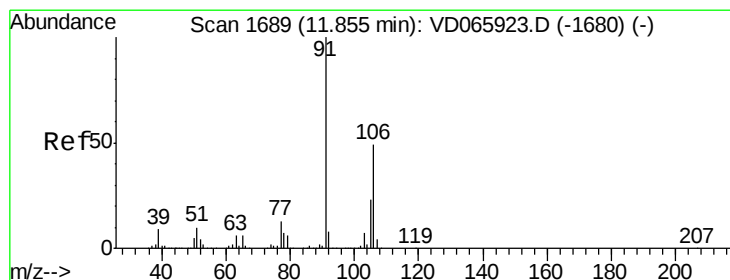
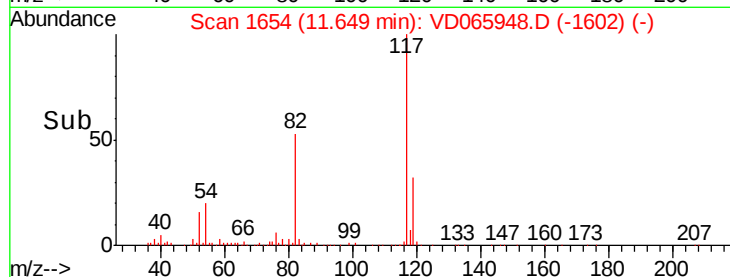
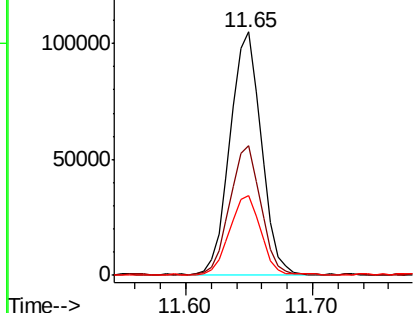
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 178649
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.7 24.3 36.5

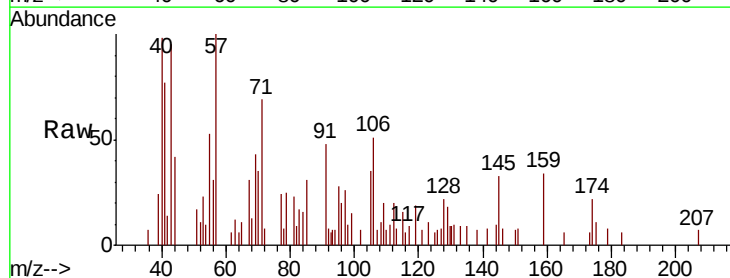


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

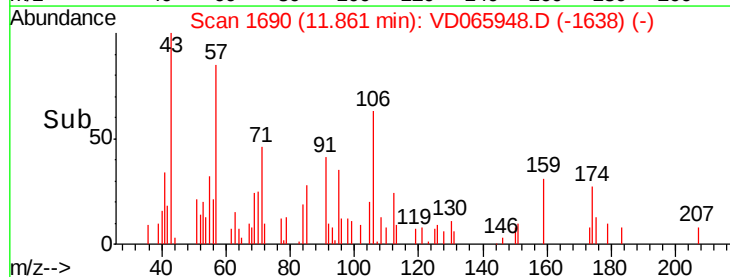
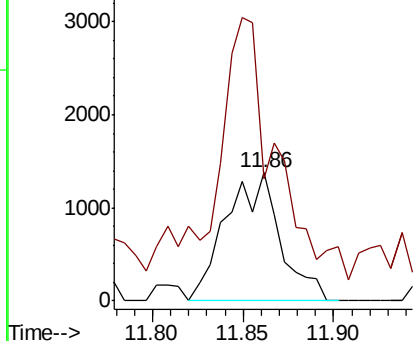


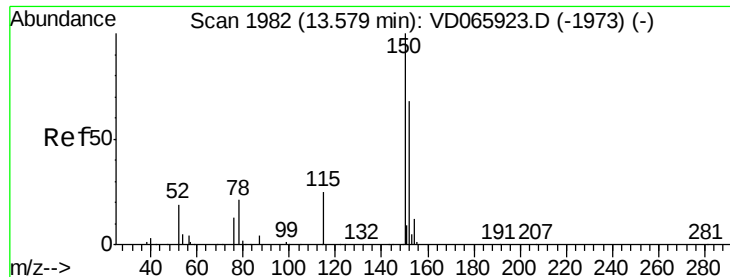
#68
m/p-Xylenes
Concen: 1.186 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion:106 Resp: 2881
Ion Ratio Lower Upper
106 100
91 192.4 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

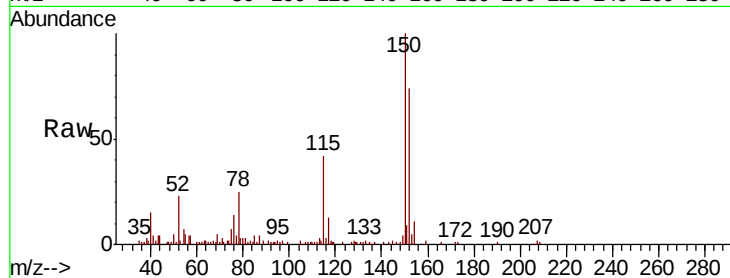
Tot Ion:152 Resp: 34896

Ion Ratio Lower Upper

152 100

115 59.7 27.8 83.3

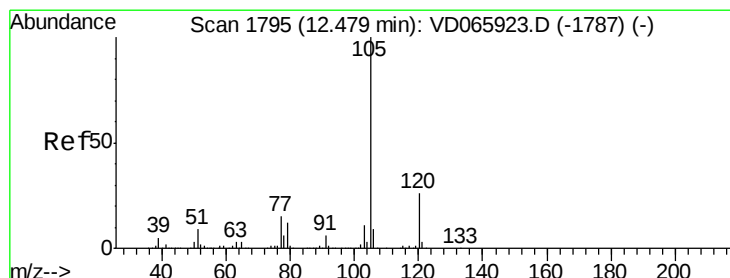
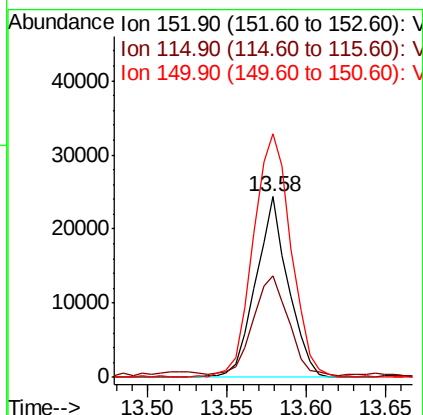
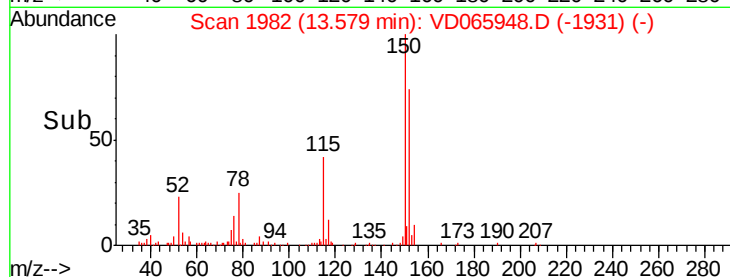
150 156.5 0.0 347.2



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: 1.734 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD065948.D

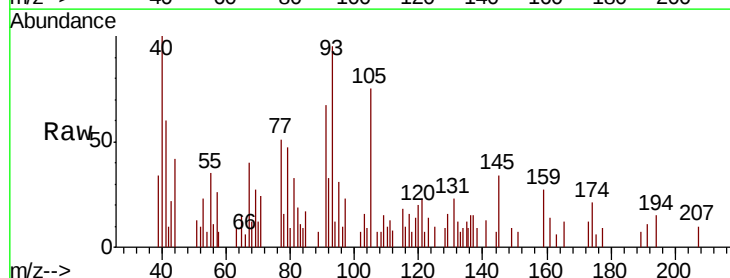
Acq: 10 Jul 2020 14:59

Tgt Ion:105 Resp: 4223

Ion Ratio Lower Upper

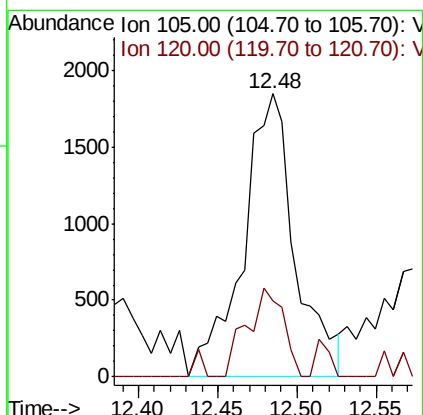
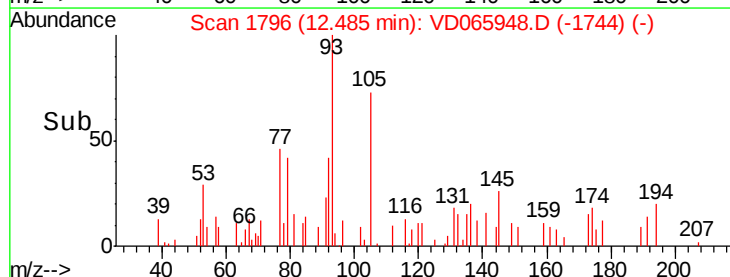
105 100

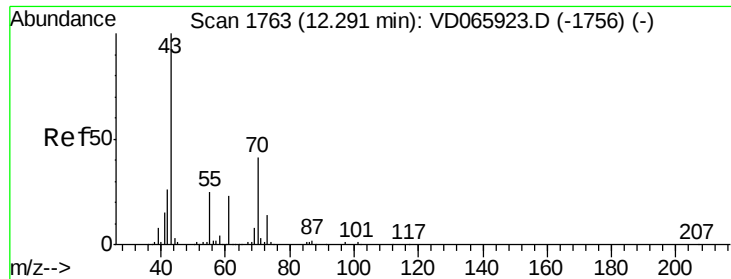
120 22.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.661 ug/l

RT: 12.26 min Scan# 1757

Delta R.T. -0.04 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 2547

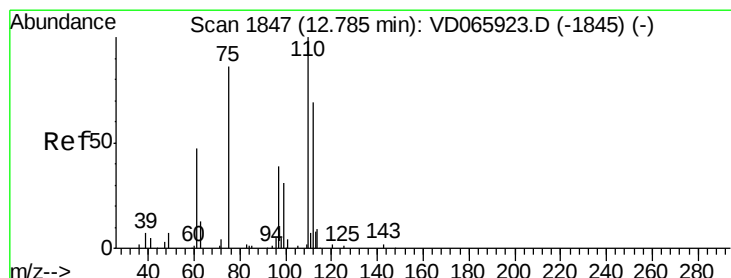
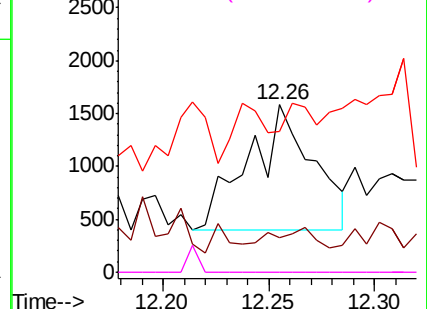
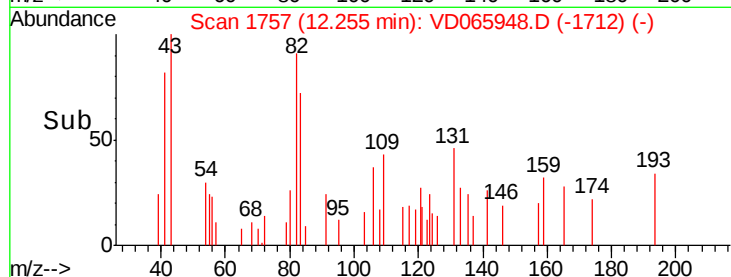
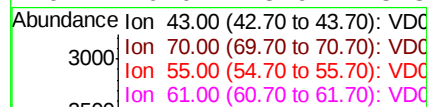
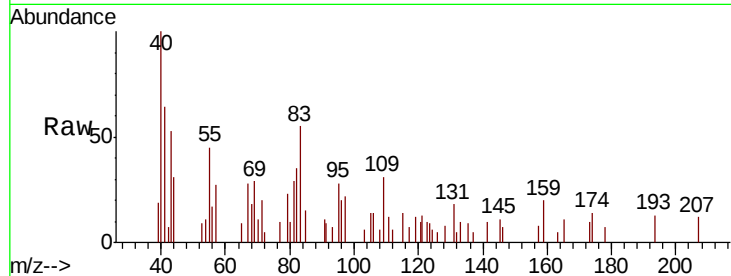
Ion Ratio Lower Upper

43 100

70 14.0 33.6 50.4#

55 23.3 20.1 30.1

61 0.0 18.9 28.3#



#76

1,2,3-Trichloropropane

Concen: 94.589 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD065948.D

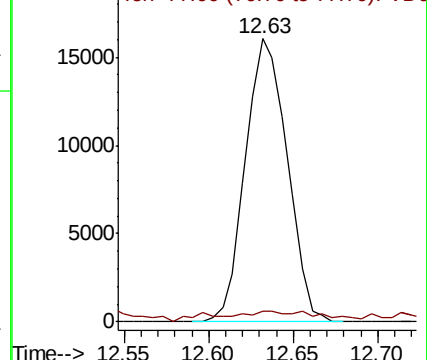
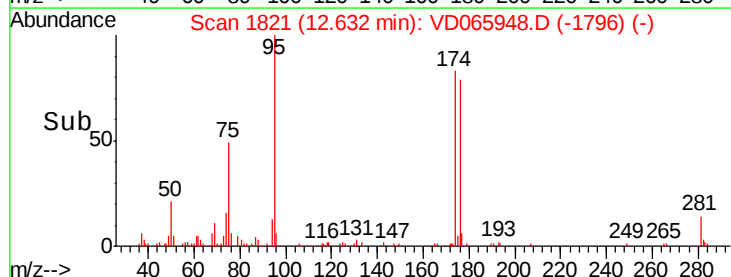
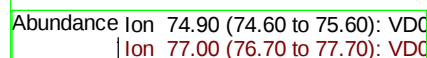
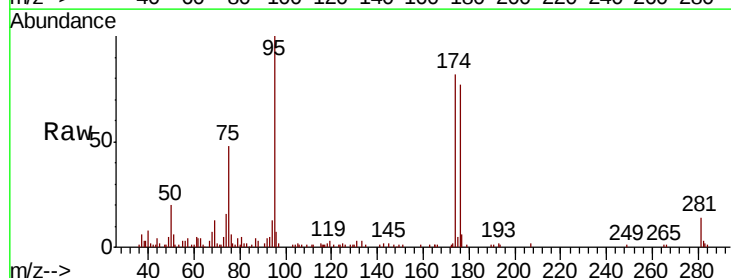
Acq: 10 Jul 2020 14:59

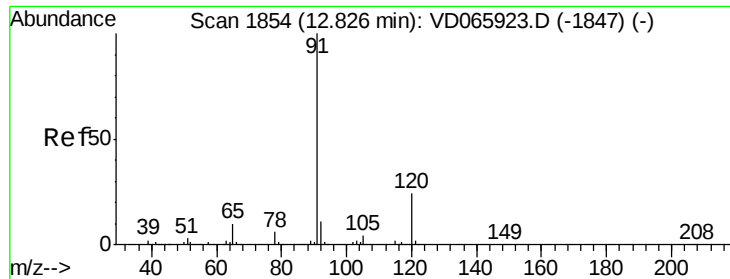
Tgt Ion: 75 Resp: 27689

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#78

n-propylbenzene

Concen: 1.414 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

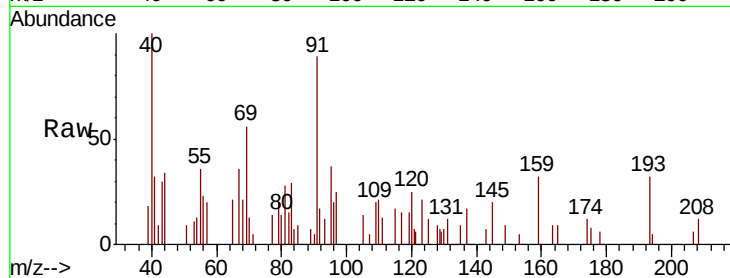
ClientSampled :

Tot Ion: 91 Resp: 4036

Ion Ratio Lower Upper

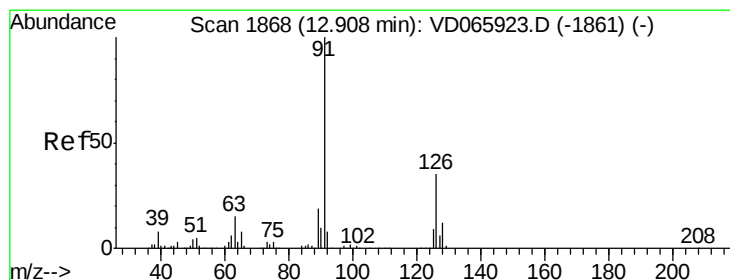
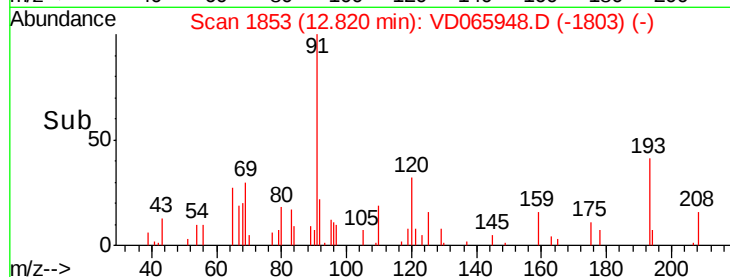
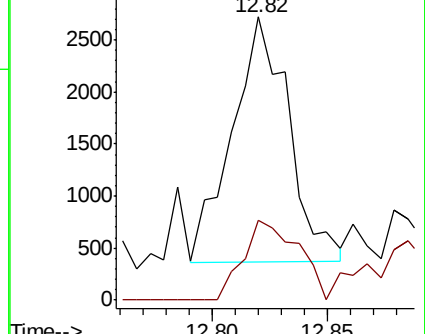
91 100

120 31.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC



#79

2-Chlorotoluene

Concen: 1.416 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD065948.D

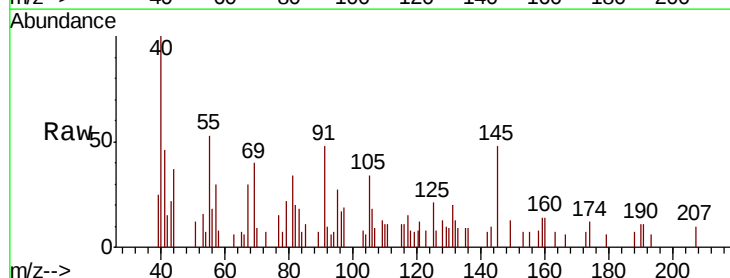
Acq: 10 Jul 2020 14:59

Tgt Ion: 91 Resp: 2293

Ion Ratio Lower Upper

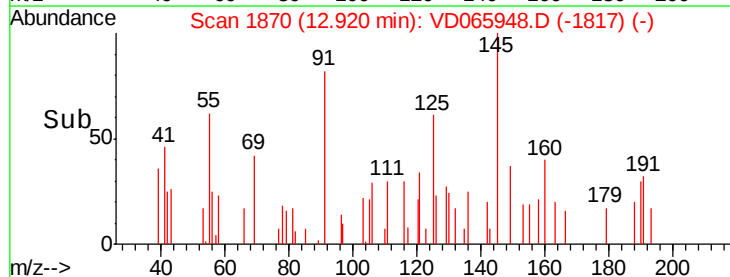
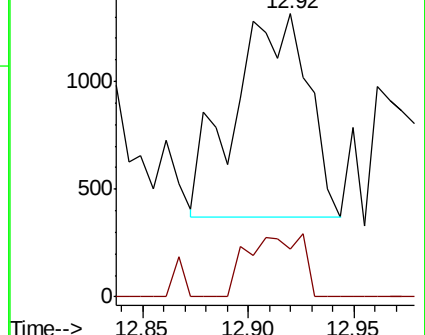
91 100

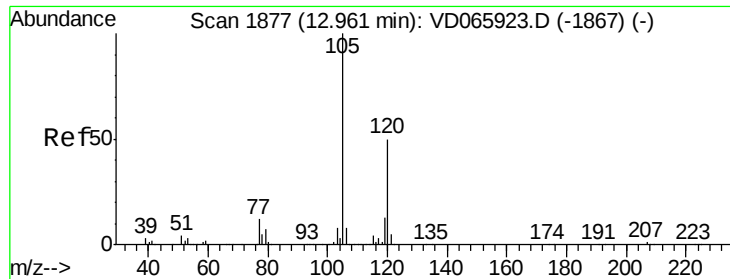
126 22.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

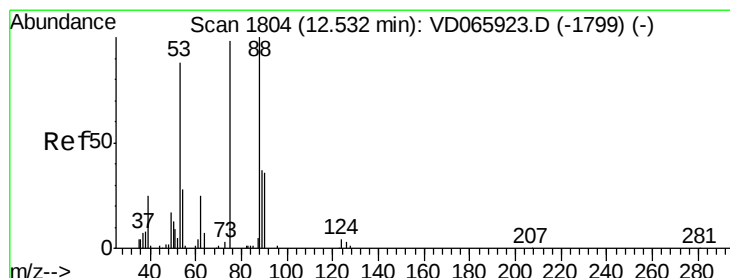
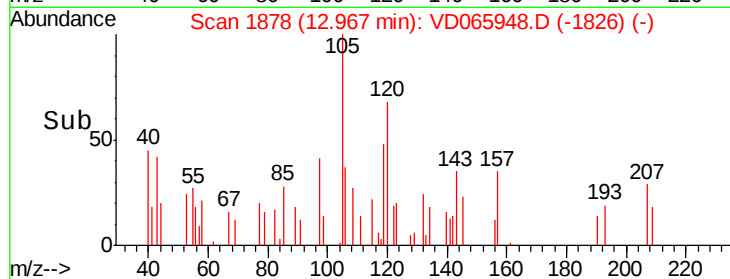
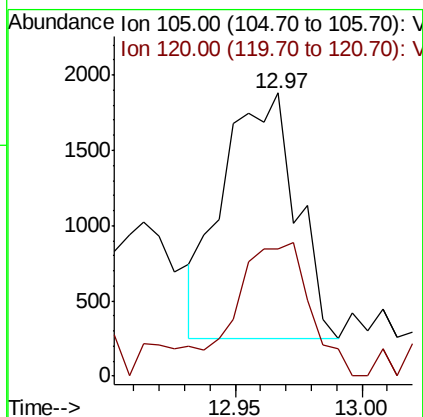
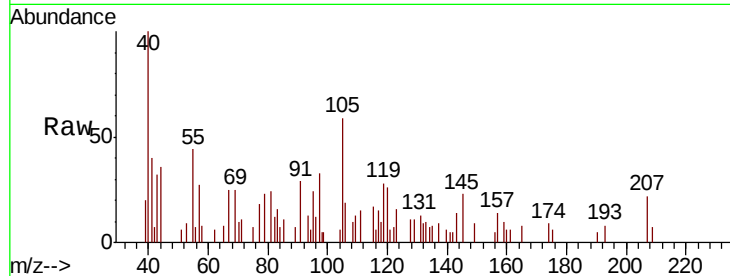




#80
 1,3,5-Trimethylbenzene
 Concen: 1.638 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

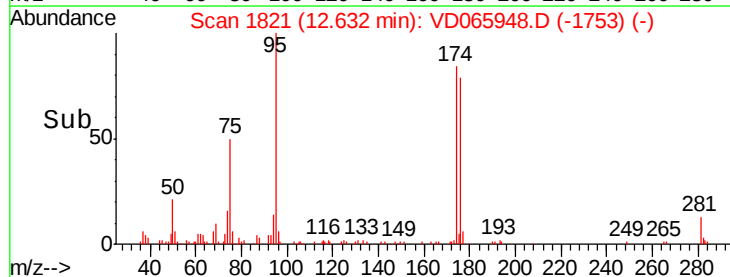
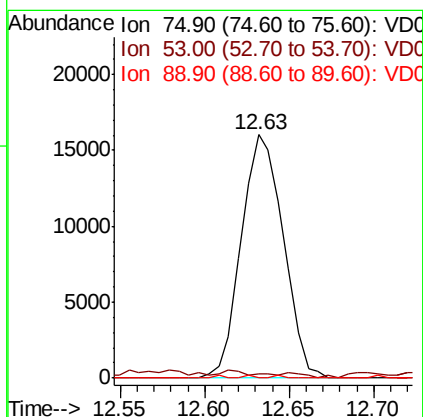
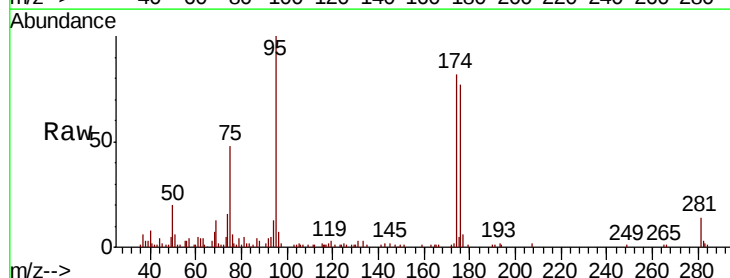
Instrument :
 MSVOA_D
 ClientSampled :

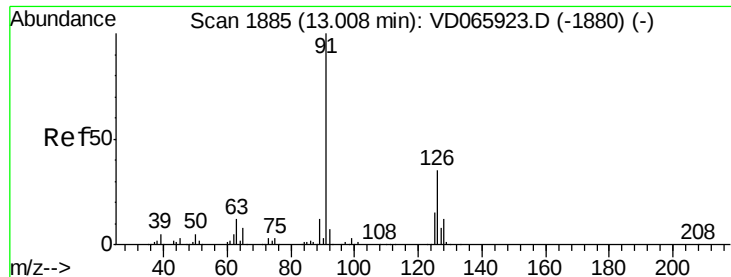
Tot Ion: 105 Resp: 3262
 Ion Ratio Lower Upper
 105 100
 120 52.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 203.243 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

Tgt Ion: 75 Resp: 27689
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.3 37.5 56.3#

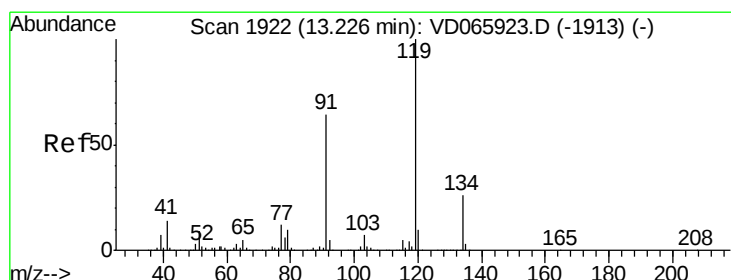
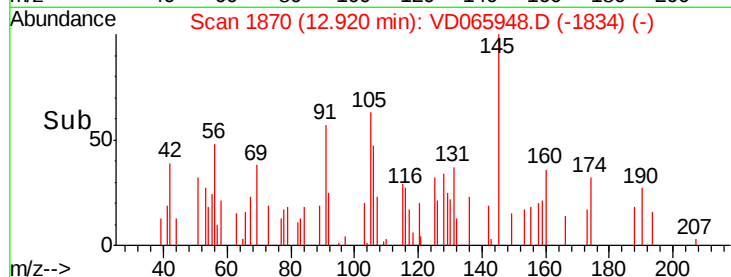
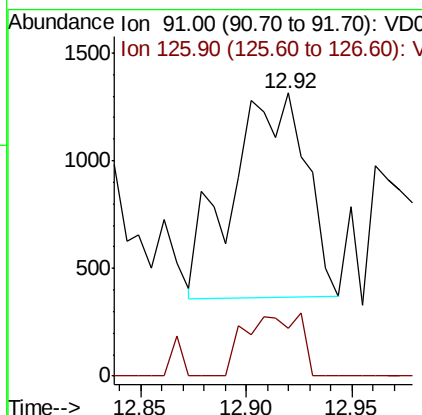
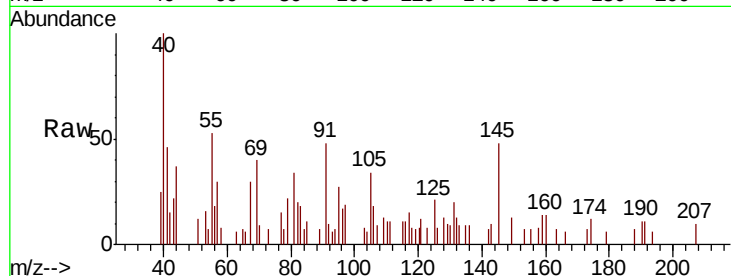




#82
4-Chlorotoluene
Concen: 1.363 ug/l
RT: 12.92 min Scan# 1870
Delta R.T. -0.09 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

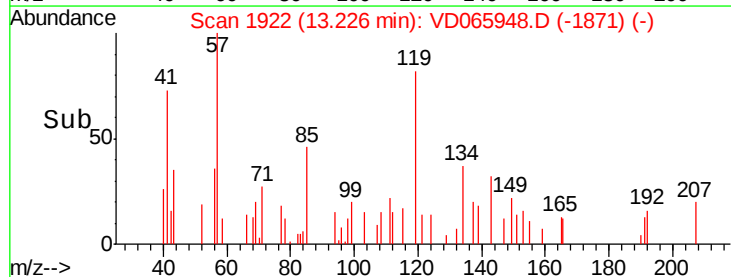
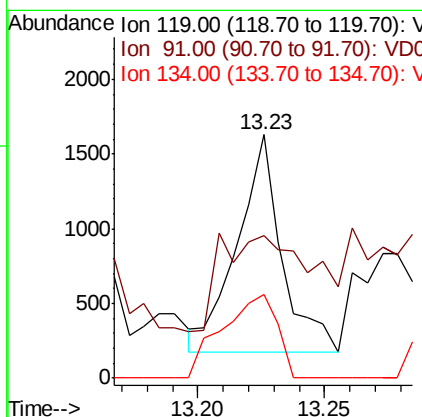
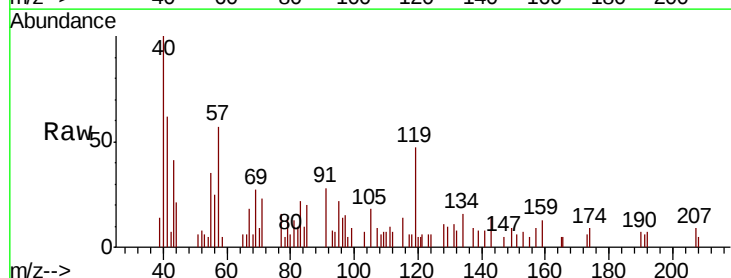
Instrument :
MSVOA_D
ClientSampled :

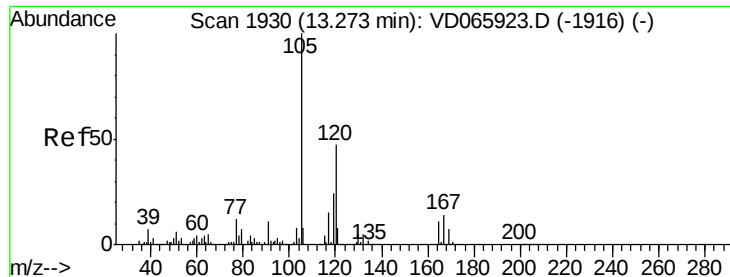
Tot Ion: 91 Resp: 2316
Ion Ratio Lower Upper
91 100
126 22.6 17.3 51.7



#83
tert-Butylbenzene
Concen: 1.036 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion: 119 Resp: 1759
Ion Ratio Lower Upper
119 100
91 0.0 32.4 97.2#
134 47.7 14.1 42.4#

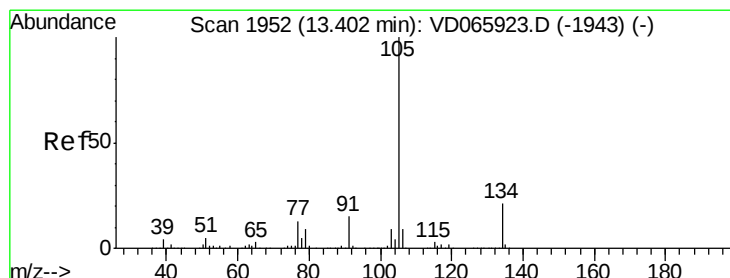
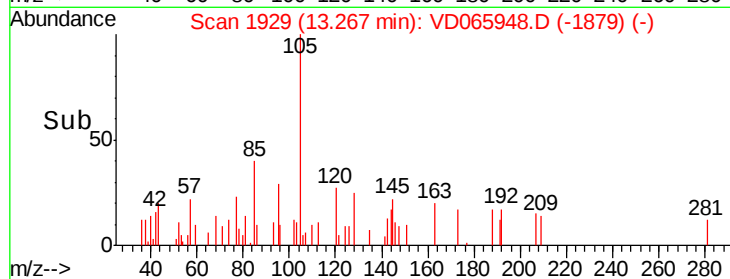
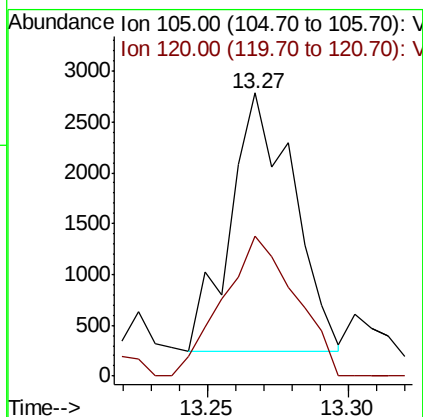
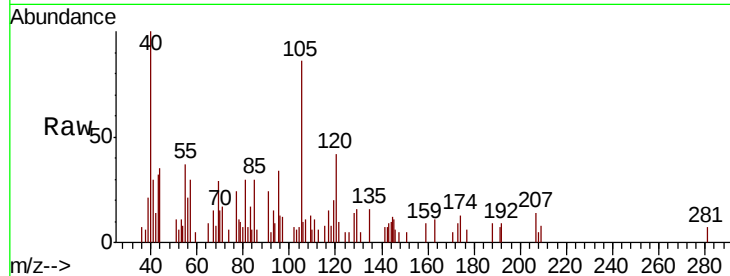




#84
 1,2,4-Trimethylbenzene
 Concen: 1.978 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

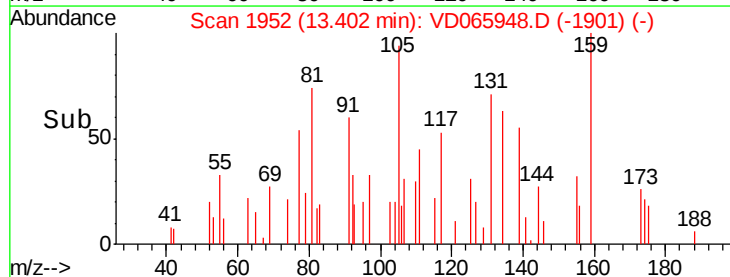
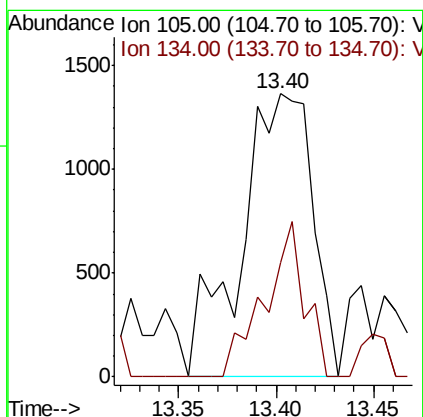
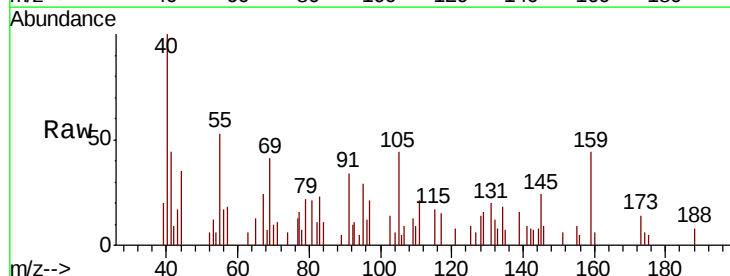
Instrument :
 MSVOA_D
 ClientSampled :

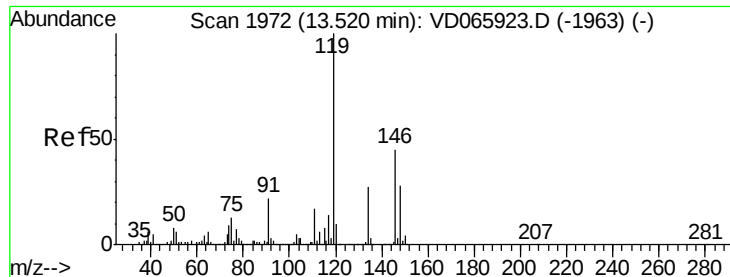
Tot Ion:105 Resp: 3922
 Ion Ratio Lower Upper
 105 100
 120 62.5 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 1.445 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

Tgt Ion:105 Resp: 3476
 Ion Ratio Lower Upper
 105 100
 134 30.7 10.4 31.1





#87

1,3-Dichlorobenzene

Concen: 1.069 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampled :

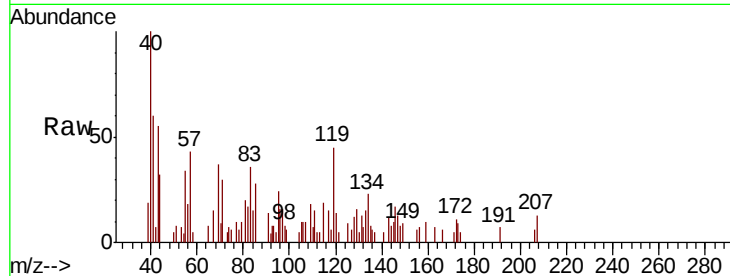
Tot Ion:146 Resp: 1182

Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.8#

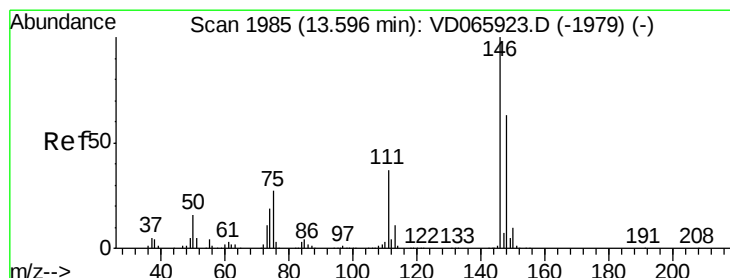
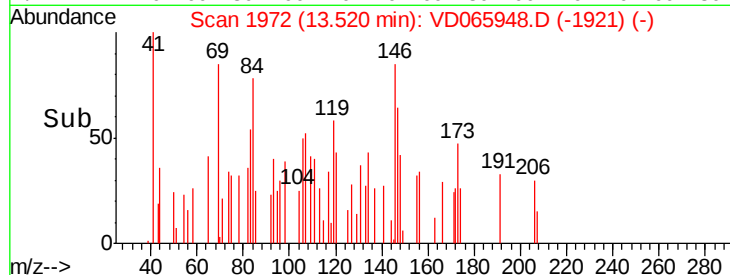
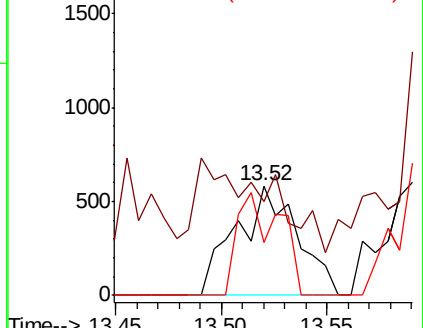
148 63.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.908 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

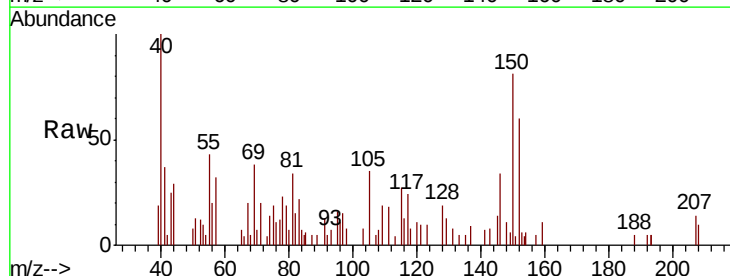
Tgt Ion:146 Resp: 2104

Ion Ratio Lower Upper

146 100

111 79.0 18.9 56.7#

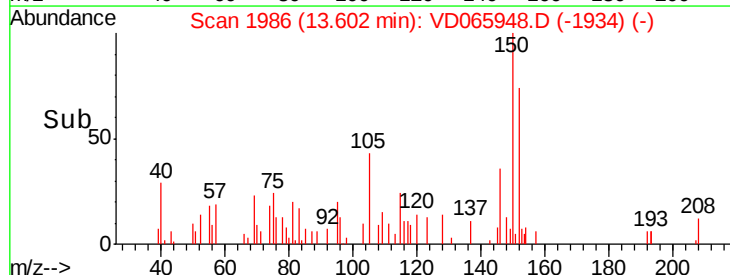
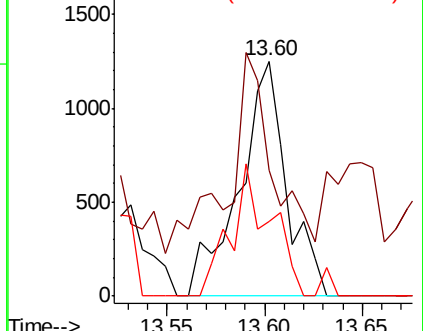
148 47.7 32.1 96.3

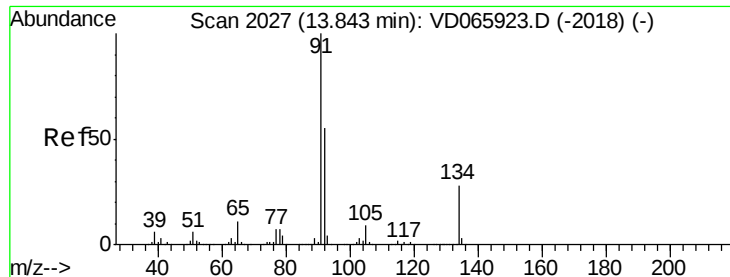


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

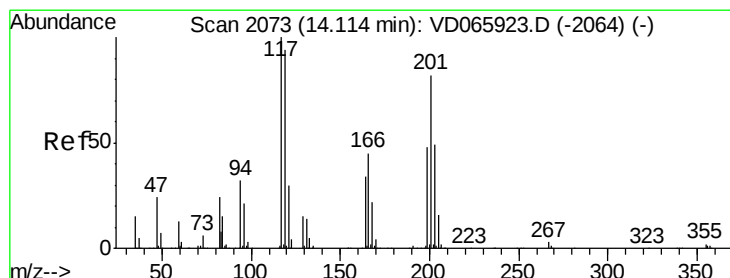
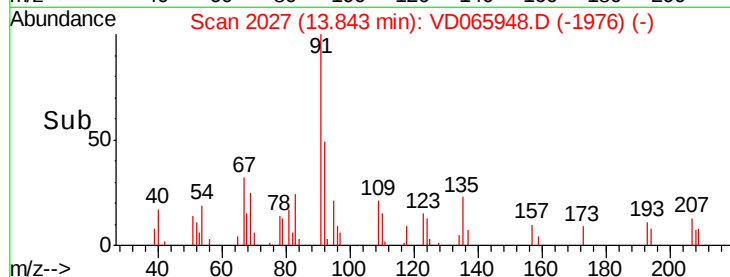
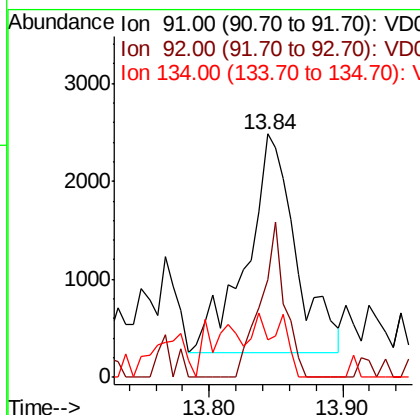
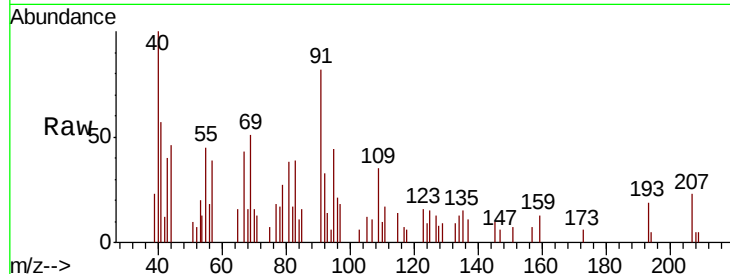




#89
n-Butylbenzene
Concen: 2.729 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

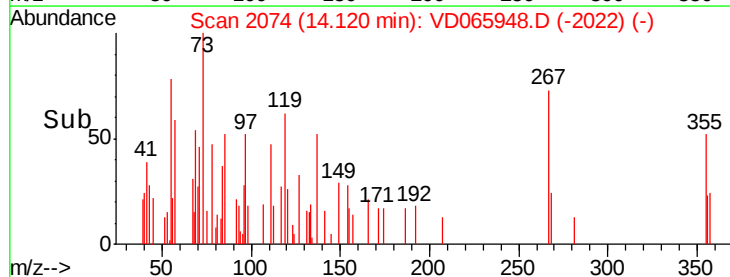
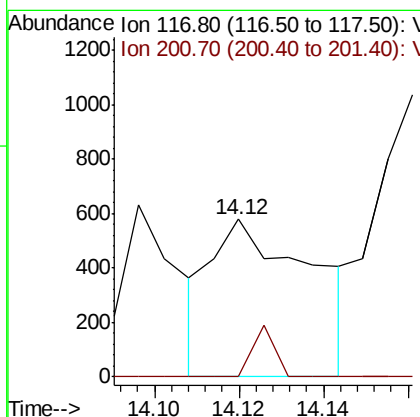
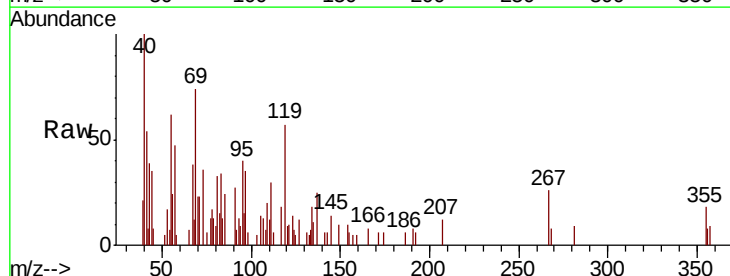
Instrument :
MSVOA_D
ClientSampleId :

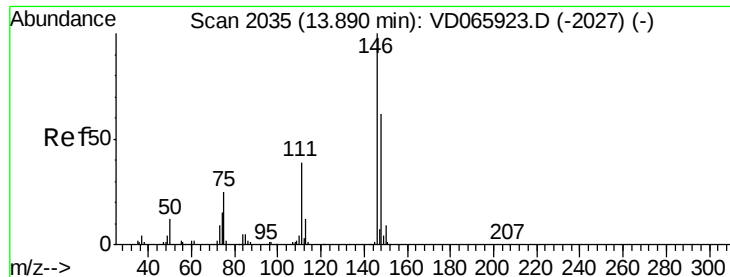
Tot Ion: 91 Resp: 5638
Ion Ratio Lower Upper
91 100
92 35.2 27.2 81.6
134 17.3 13.8 41.3



#90
Hexachloroethane
Concen: 2.148 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD065948.D
Acq: 10 Jul 2020 14:59

Tgt Ion: 117 Resp: 953
Ion Ratio Lower Upper
117 100
201 7.0 40.0 120.0#





#91

1,2-Dichlorobenzene

Concen: 1.004 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampled :

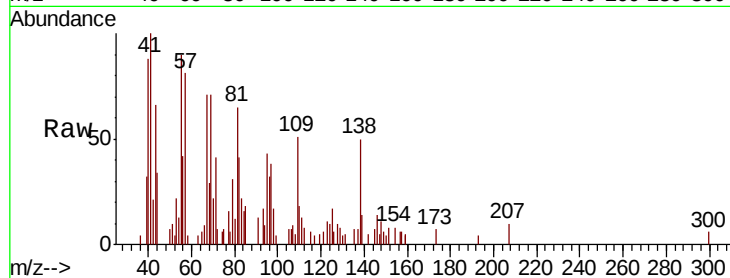
Tot Ion:146 Resp: 970

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

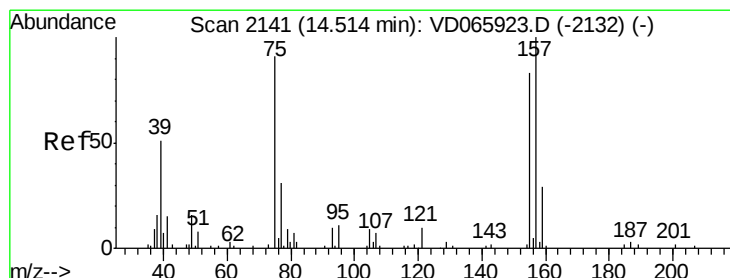
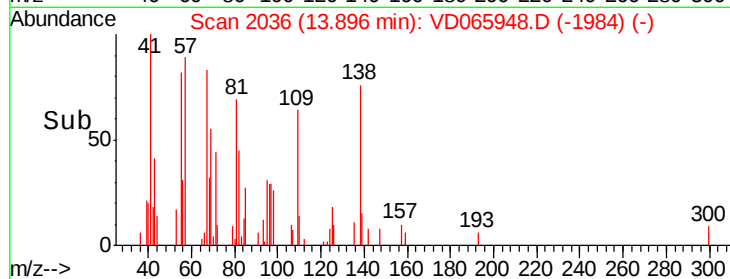
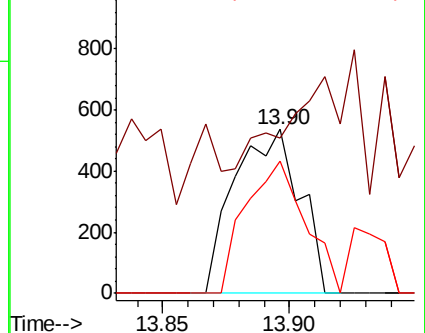
148 73.3 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.390 ug/l

RT: 14.41 min Scan# 2123

Delta R.T. -0.11 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

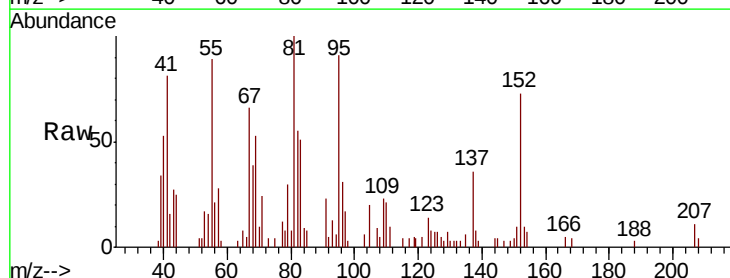
Tgt Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

155 76.6 45.3 135.8

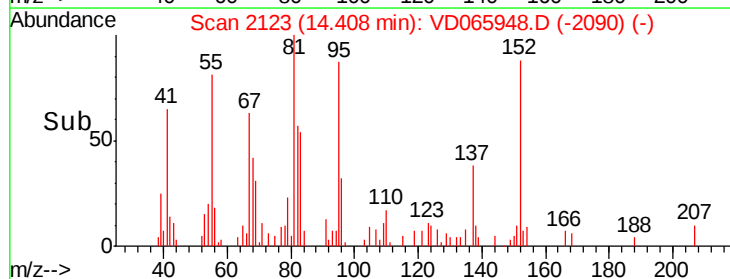
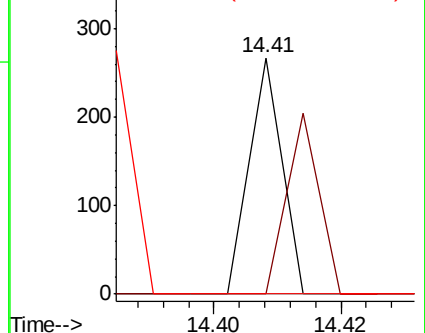
157 0.0 56.9 170.6#

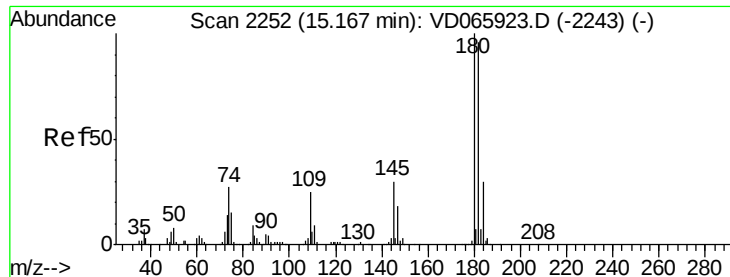


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

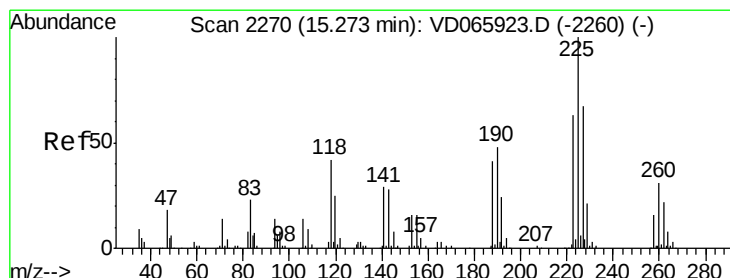
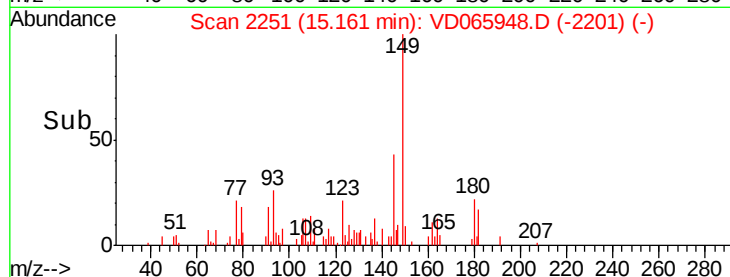
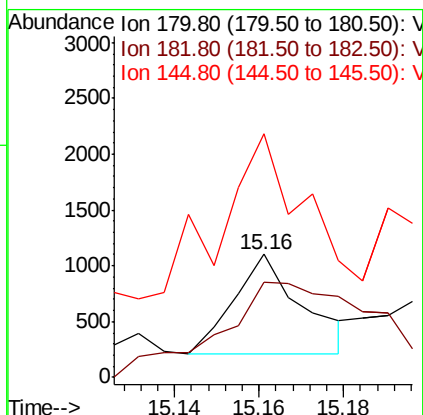
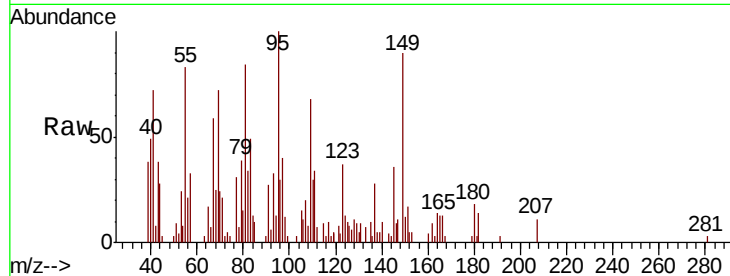




#93
 1,2,4-Trichlorobenzene
 Concen: 1.448 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

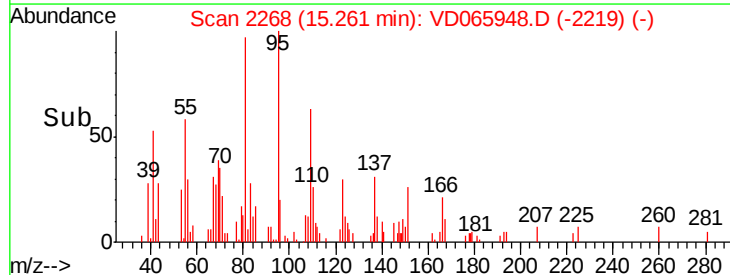
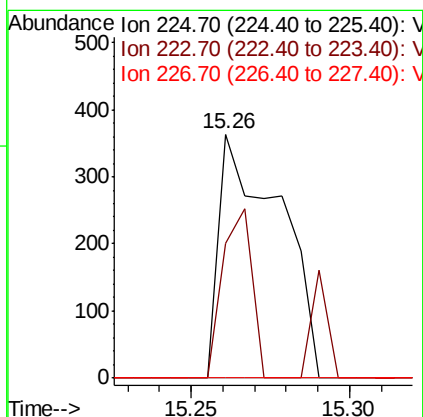
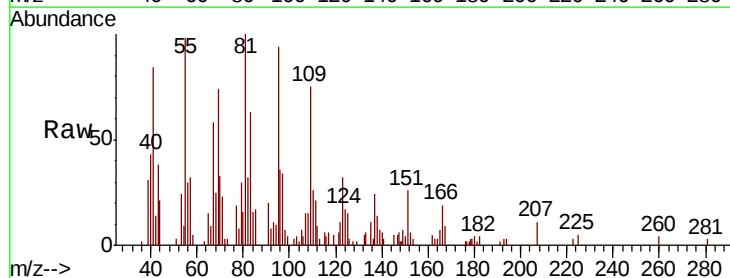
Instrument :
 MSVOA_D
 ClientSampled :

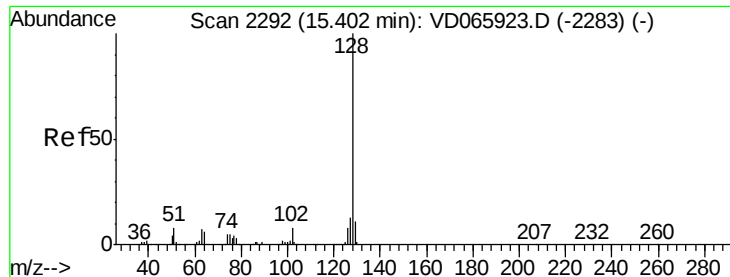
Tot Ion:180 Resp: 997
 Ion Ratio Lower Upper
 180 100
 182 214.7 48.5 145.6#
 145 494.5 15.0 45.1#



#94
 Hexachlorobutadiene
 Concen: 1.153 ug/l
 RT: 15.26 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: VD065948.D
 Acq: 10 Jul 2020 14:59

Tgt Ion:225 Resp: 480
 Ion Ratio Lower Upper
 225 100
 223 33.3 31.1 93.2
 227 0.0 31.6 95.0#





#95

Naphthalene

Concen: 15.478 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

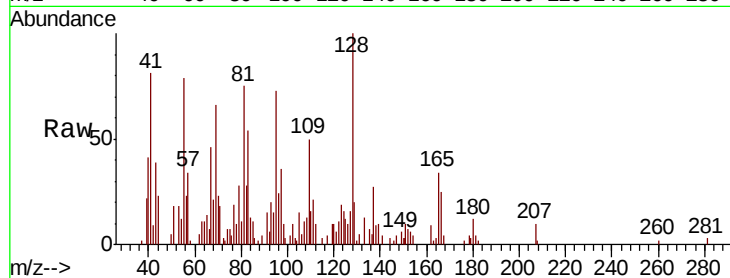
Tot Ion:128 Resp: 17873

Ion Ratio Lower Upper

128 100

127 17.5 10.8 16.2#

129 10.3 8.9 13.3

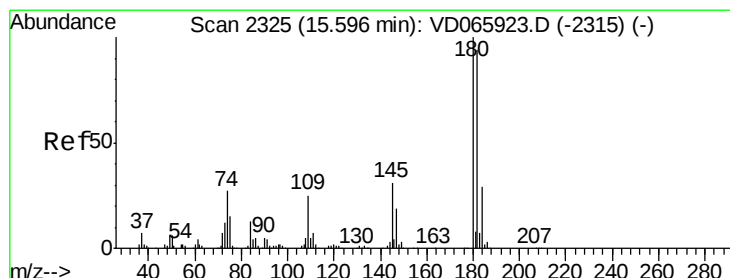
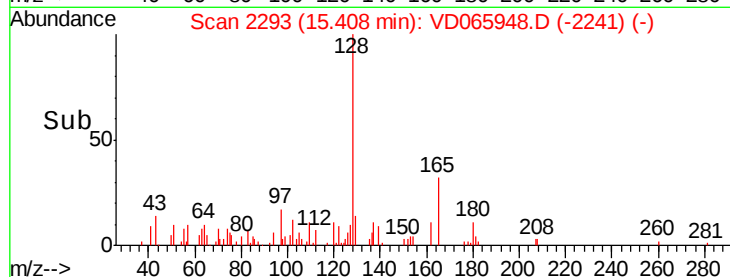
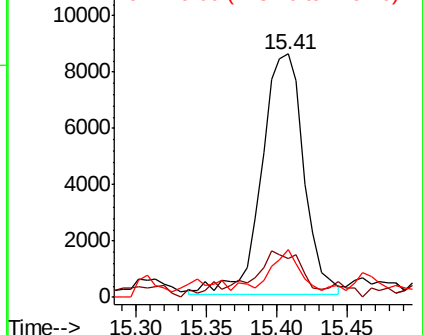


Abundance

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: 8.953 ug/l

RT: 15.62 min Scan# 2329

Delta R.T. 0.02 min

Lab File: VD065948.D

Acq: 10 Jul 2020 14:59

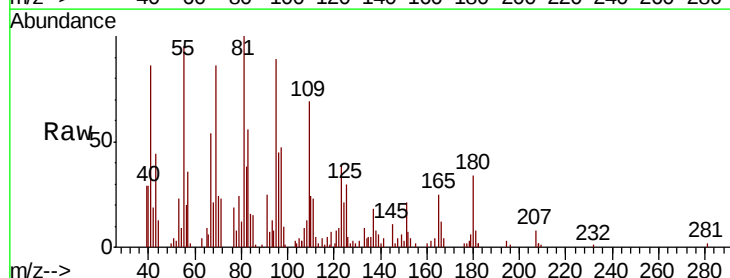
Tgt Ion:180 Resp: 5317

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.8#

145 0.0 16.1 48.2#



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

