

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065477.D
 Acq On : 11 Mar 2020 13:06
 Operator : VA/SY
 Sample : L1864-01RE
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

Quant Time: Mar 16 11:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	467469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	790869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	721750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	244196	60.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.80%	
35) Dibromofluoromethane	7.92	113	263569	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.34	98	951866	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	277841	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	

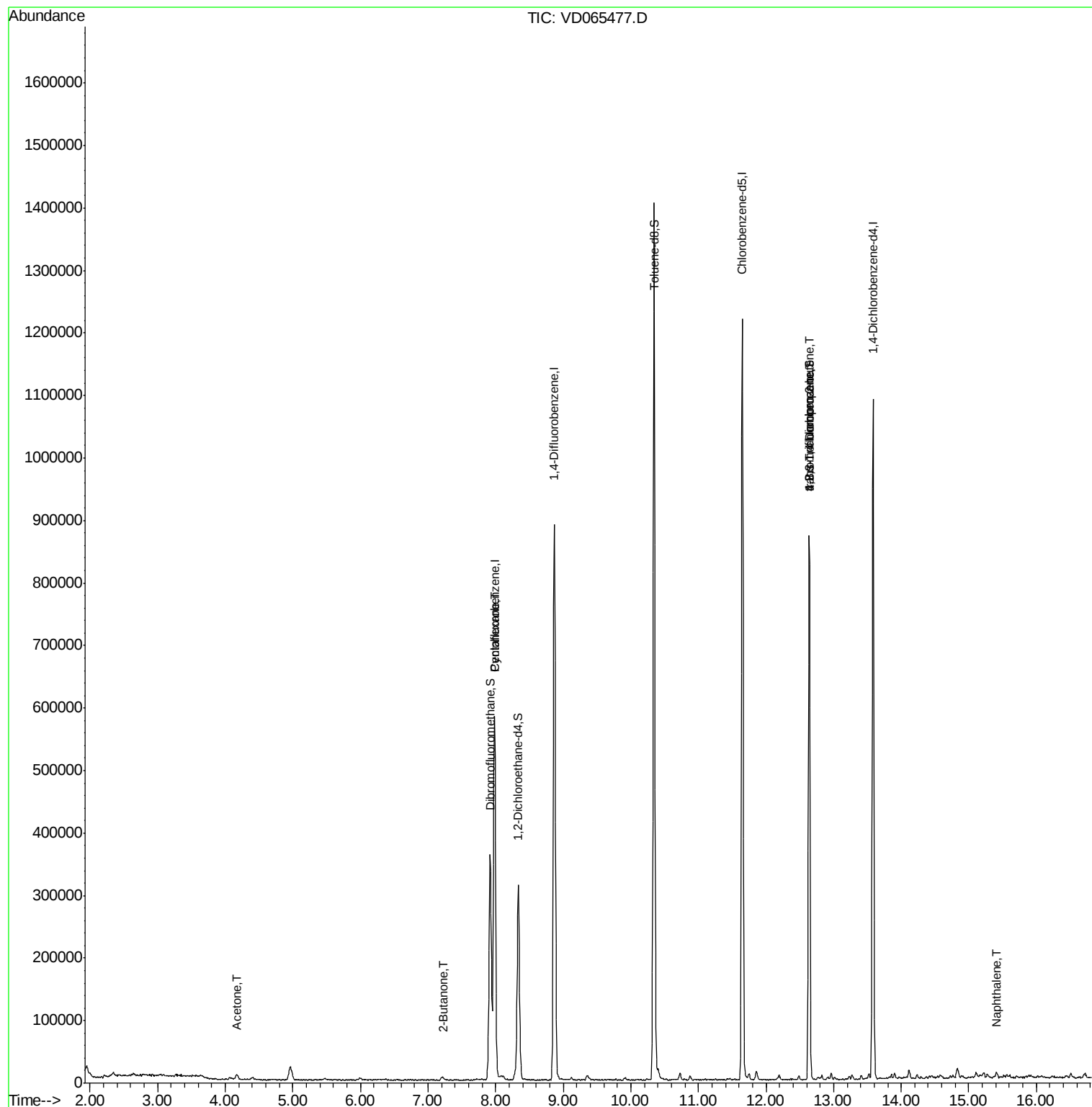
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	1690	Below Cal	#	78
16) Acetone	4.17	43	15198	18.74	ug/l	99
25) 2-Butanone	7.23	43	1607	1.45	ug/l	95
31) Cyclohexane	7.98	56	10940	1.37	ug/l	# 13
76) 1,2,3-Trichloropropane	12.64	75	133627	56.39	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	133627	119.01	ug/l	# 14
95) Naphthalene	15.41	128	7505	5.11	ug/l	# 92

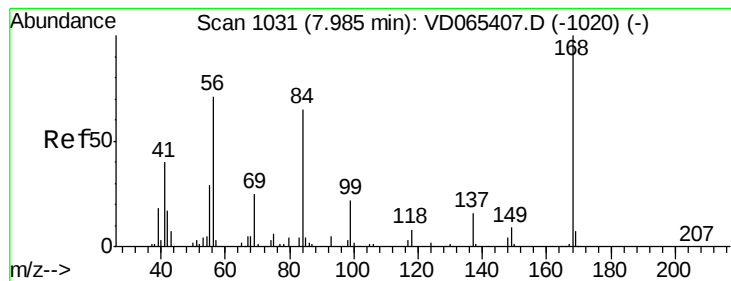
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Mar 16 11:09:04 2020
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

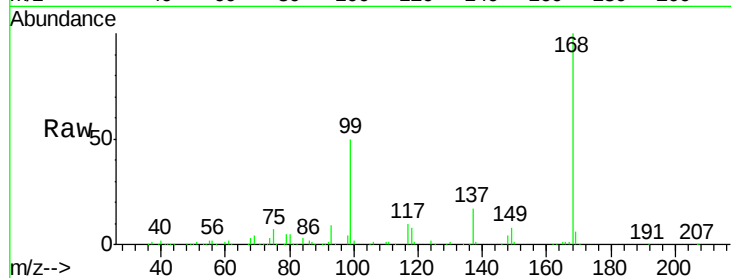
SP-1RE

Tgt Ion:168 Resp: 467469

Ion Ratio Lower Upper

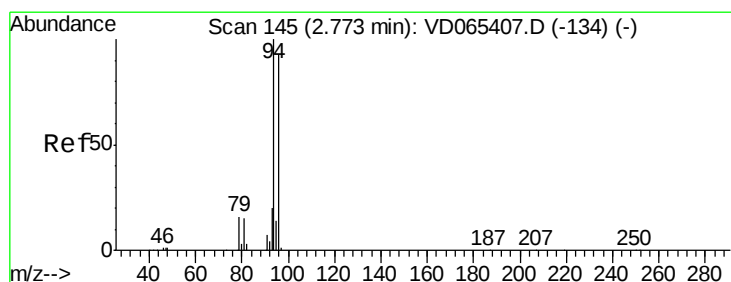
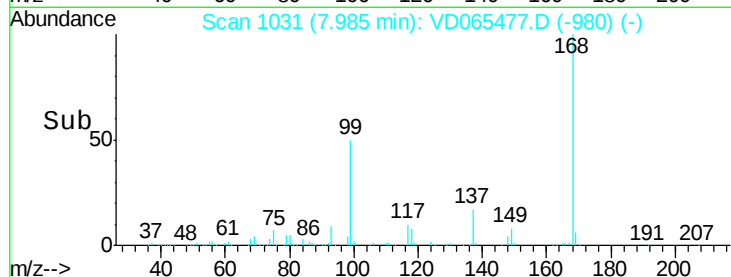
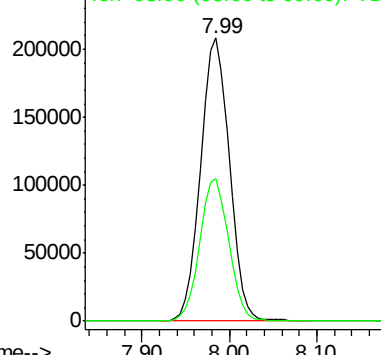
168 100

99 50.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065477.D

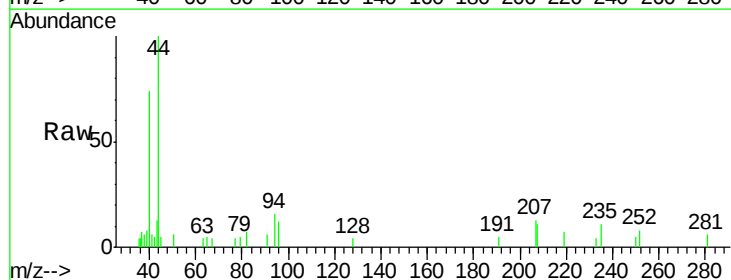
Acq: 11 Mar 2020 13:06

Tgt Ion: 94 Resp: 1690

Ion Ratio Lower Upper

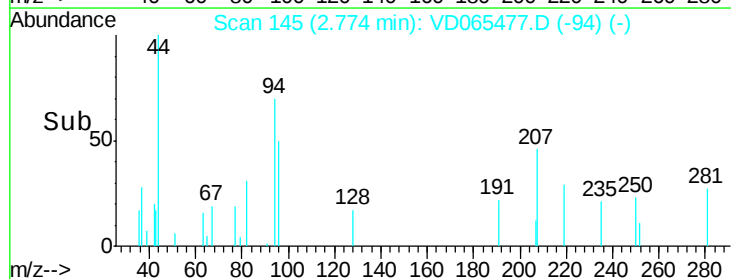
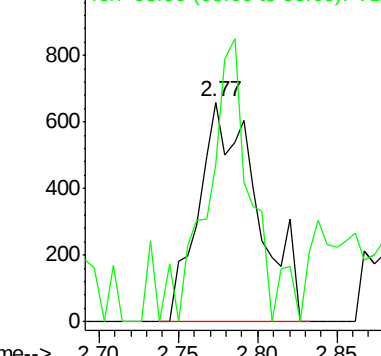
94 100

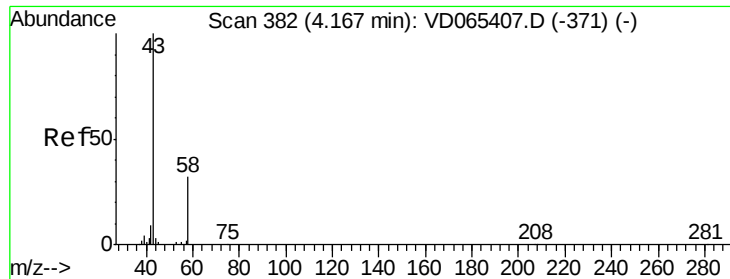
96 71.8 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 18.74 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampled :

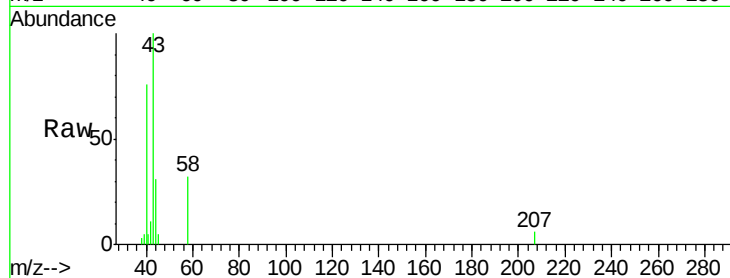
SP-1RE

Tgt Ion: 43 Resp: 15198

Ion Ratio Lower Upper

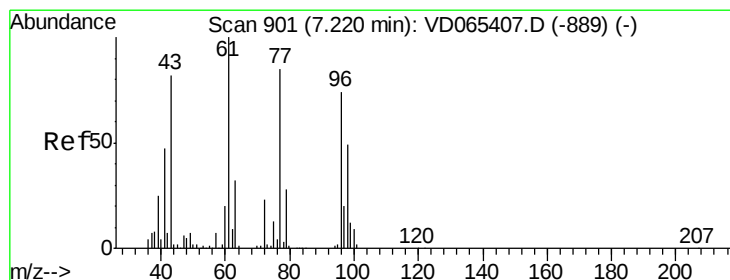
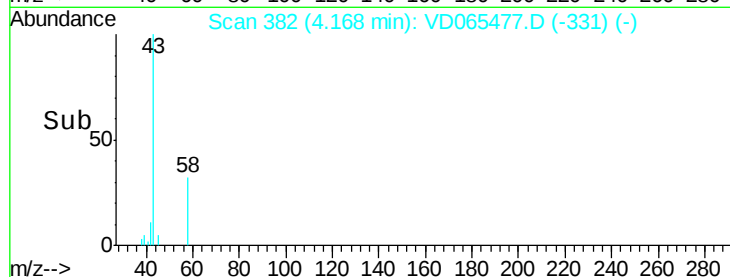
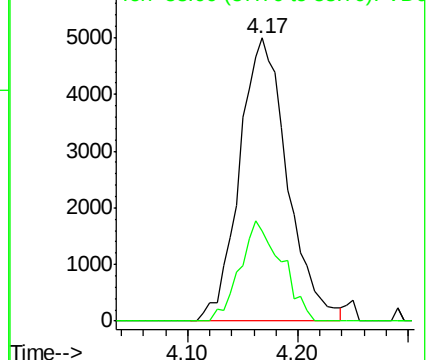
43 100

58 32.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 1.45 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065477.D

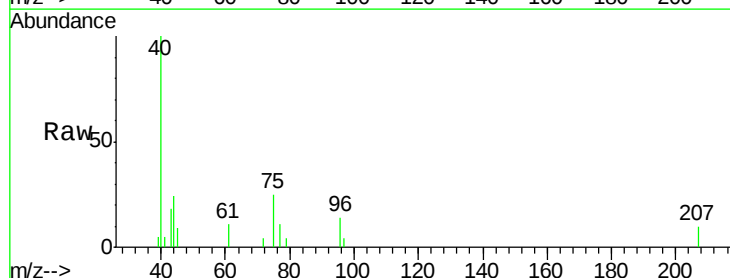
Acq: 11 Mar 2020 13:06

Tgt Ion: 43 Resp: 1607

Ion Ratio Lower Upper

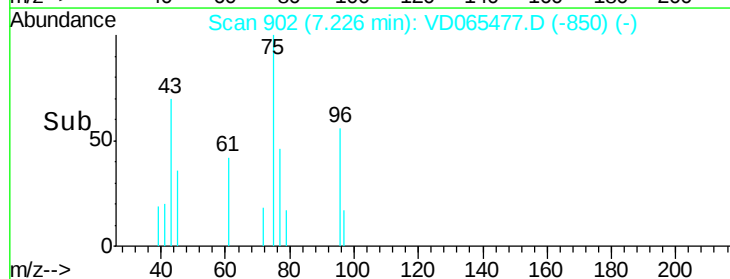
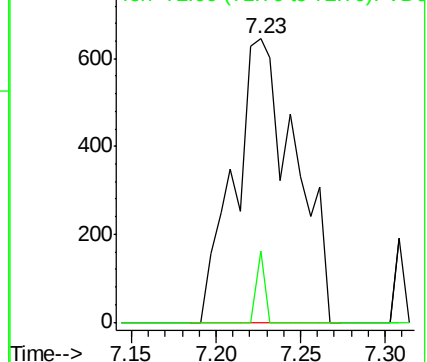
43 100

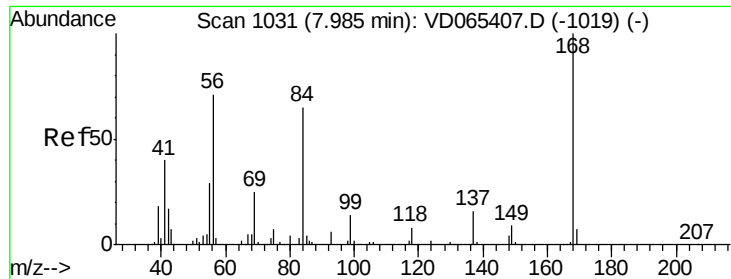
72 25.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

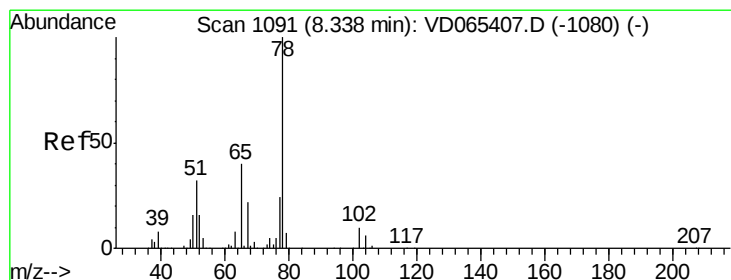
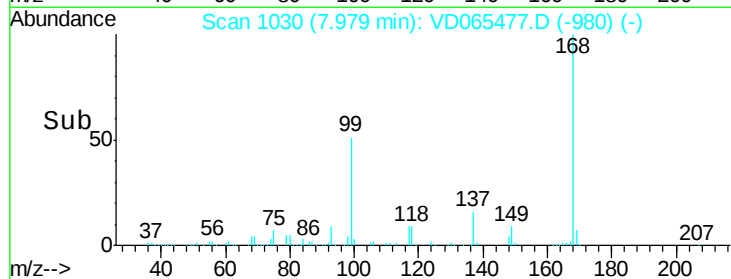
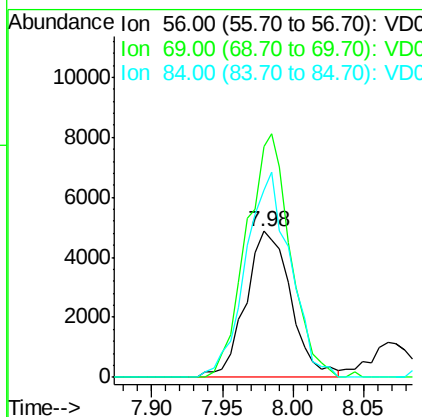
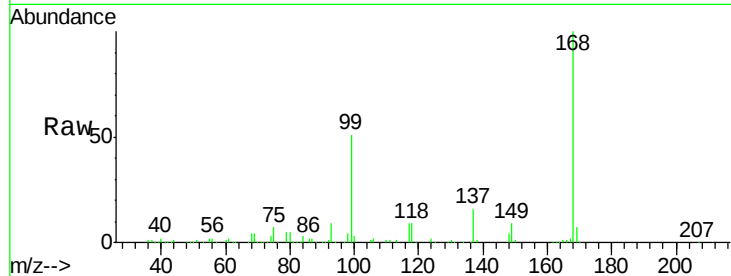




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

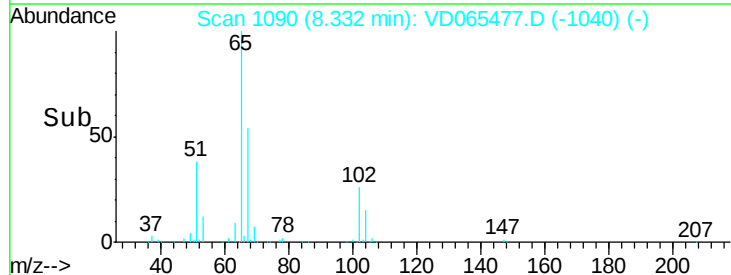
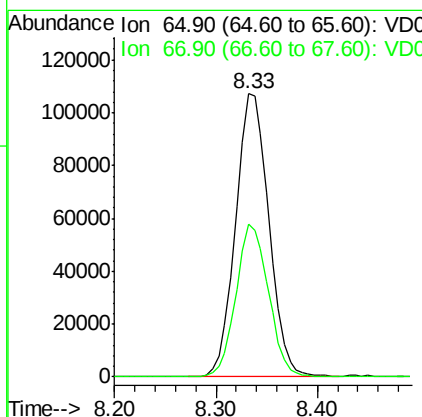
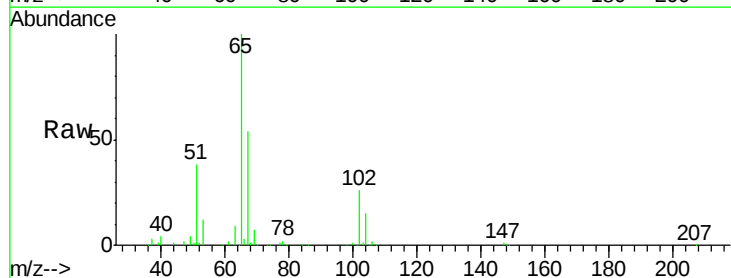
Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

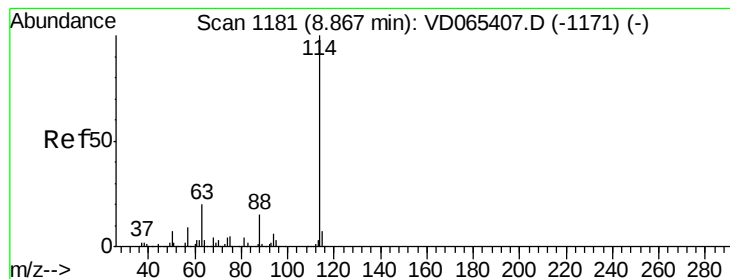
Tgt Ion: 56 Resp: 10940
Ion Ratio Lower Upper
56 100
69 158.2 28.3 42.5#
84 128.4 73.1 109.7#



#33
1,2-Dichloroethane-d4
Concen: 60.90 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

Tgt Ion: 65 Resp: 244196
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

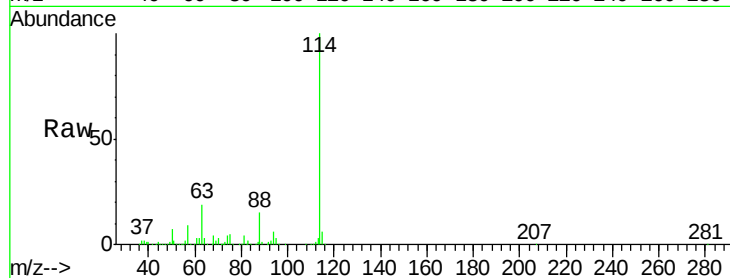
Tgt Ion:114 Resp: 790869

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

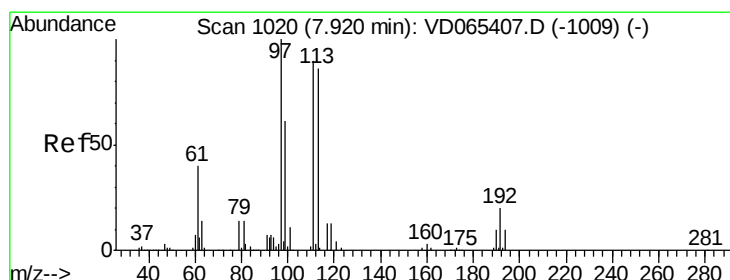
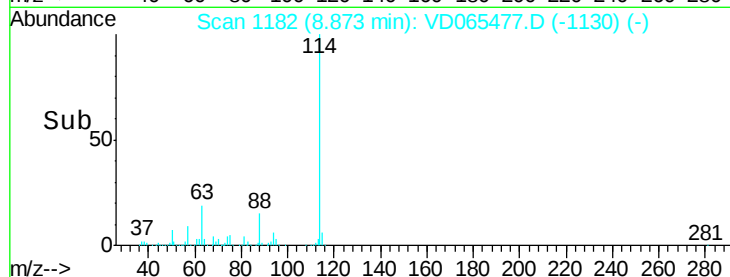
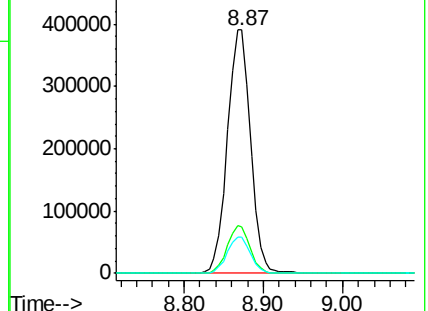
88 14.7 0.0 30.4



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: 53.89 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

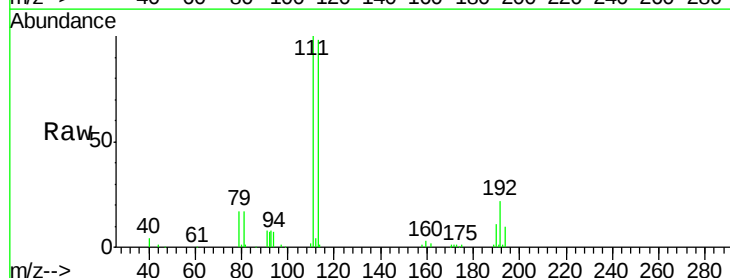
Tgt Ion:113 Resp: 263569

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

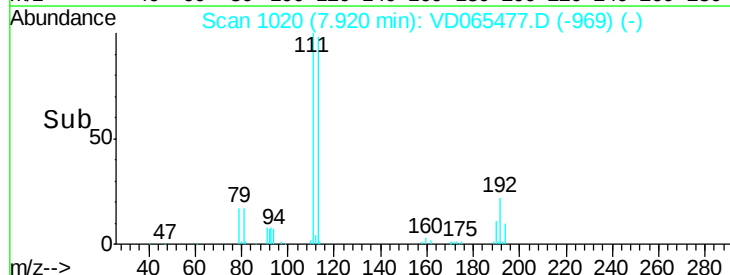
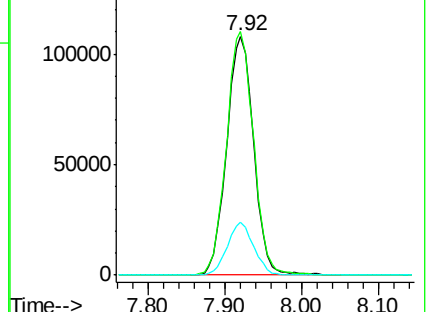
192 21.7 17.2 25.8

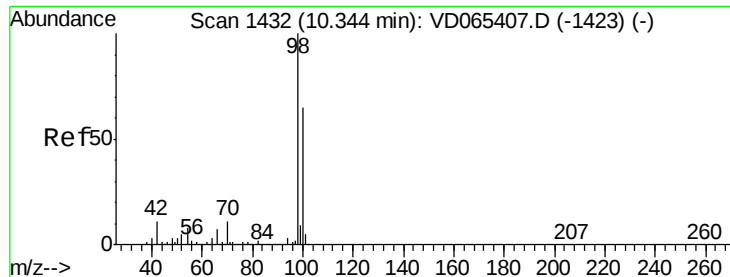


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

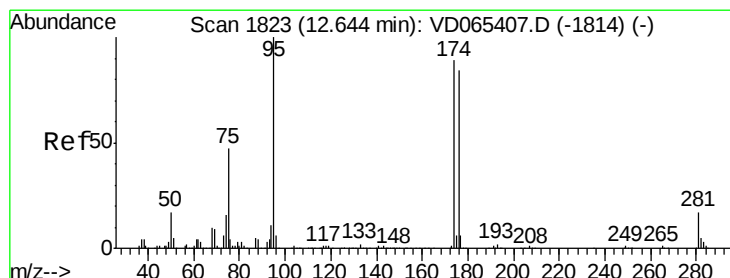
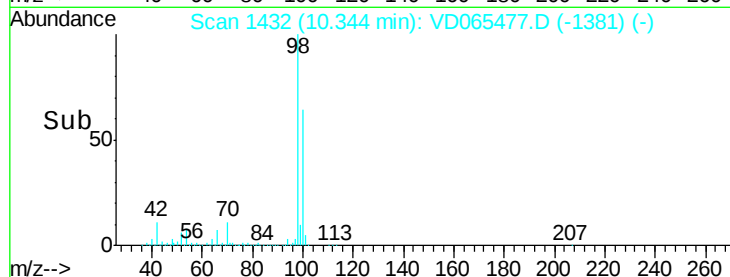
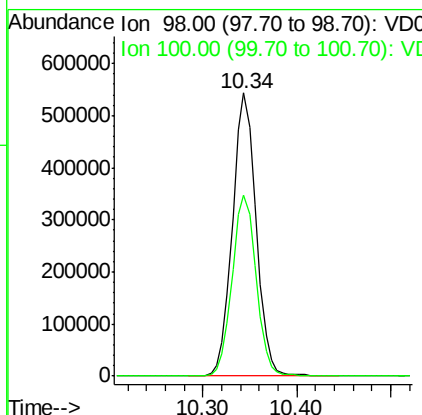
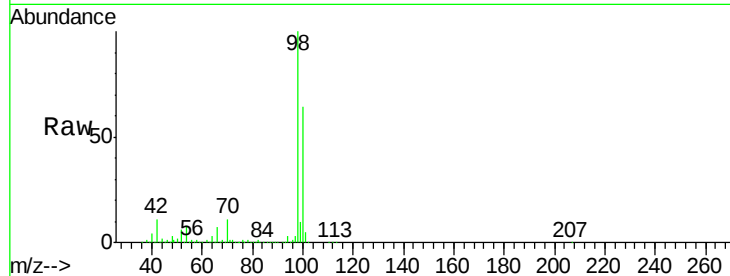




#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

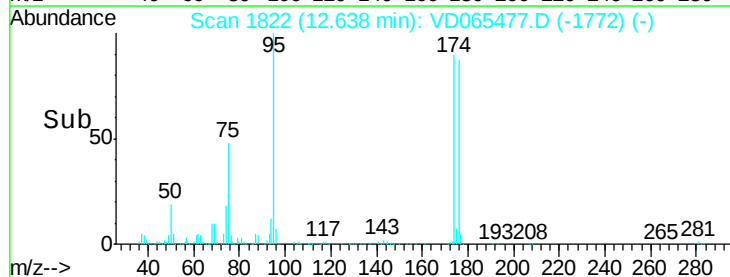
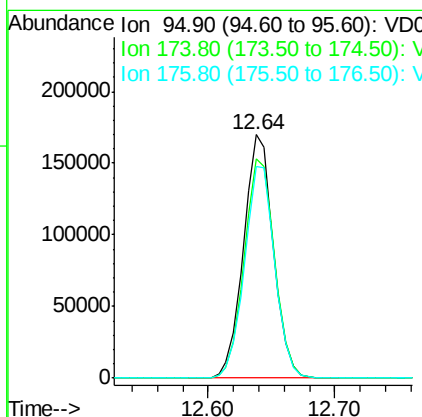
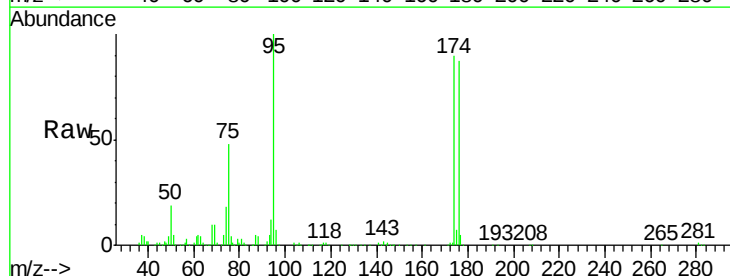
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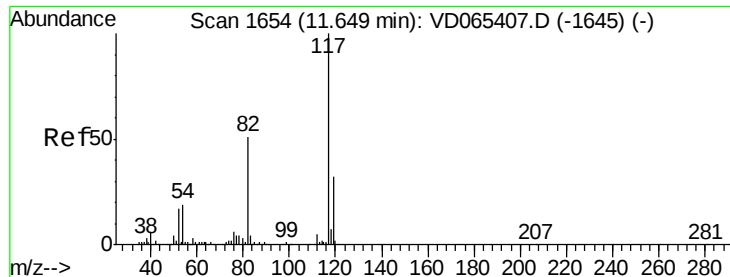
Tgt Ion: 98 Resp: 951866
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.97 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

Tgt Ion: 95 Resp: 277841
Ion Ratio Lower Upper
95 100
174 92.0 0.0 176.8
176 88.3 0.0 171.4

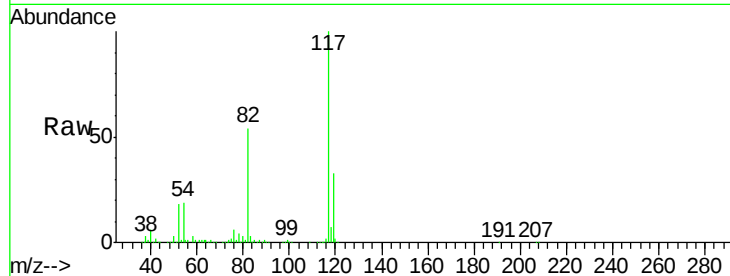




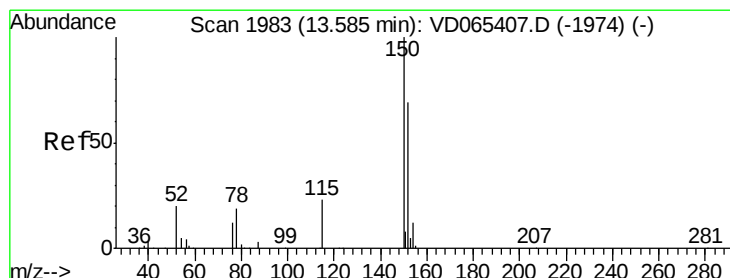
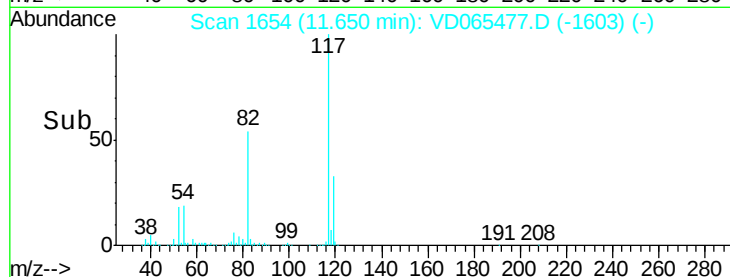
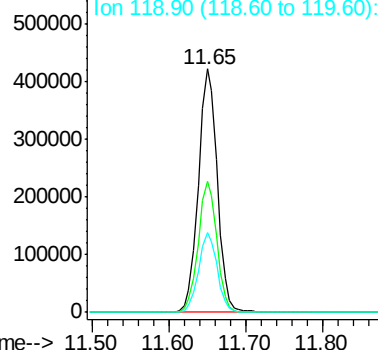
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

Instrument :
MSVOA_D
ClientSampled :
SP-1RE

Tgt Ion:117 Resp: 721750
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 32.6 25.4 38.2

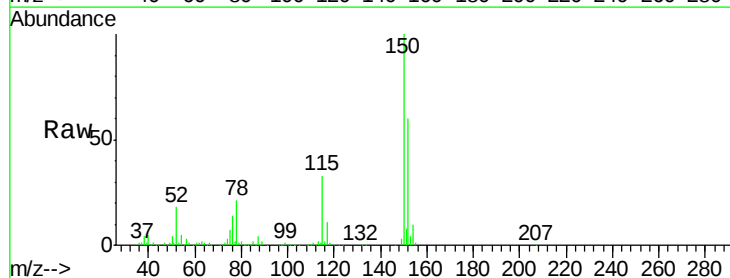


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

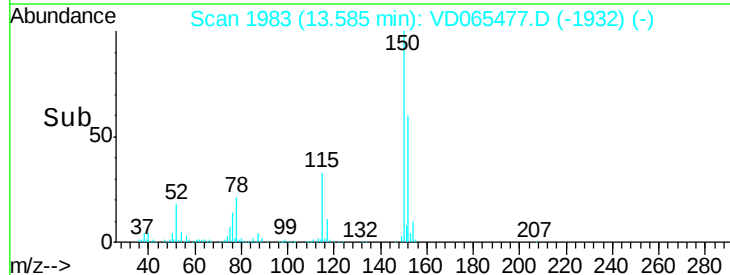
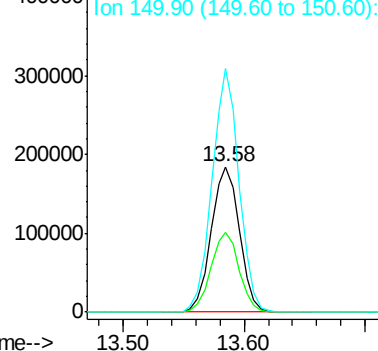


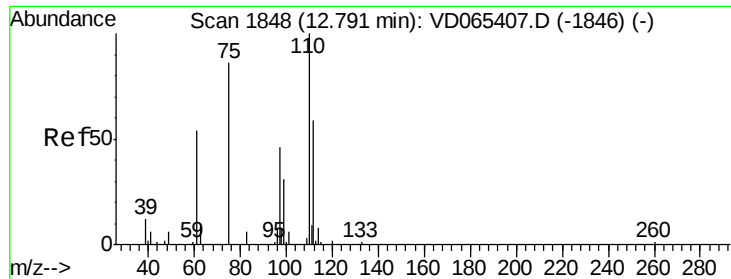
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

Tgt Ion:152 Resp: 300292
Ion Ratio Lower Upper
152 100
115 54.5 27.6 82.8
150 159.3 0.0 345.0



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

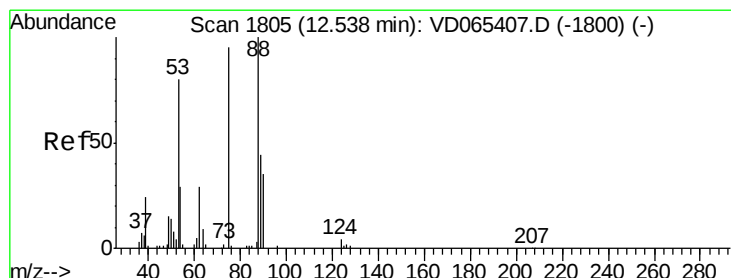
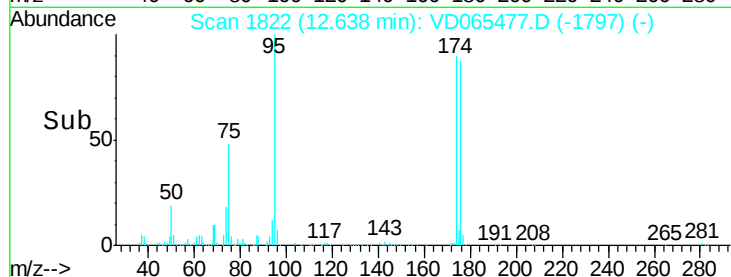
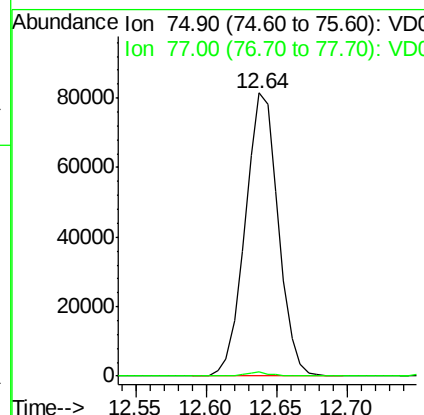
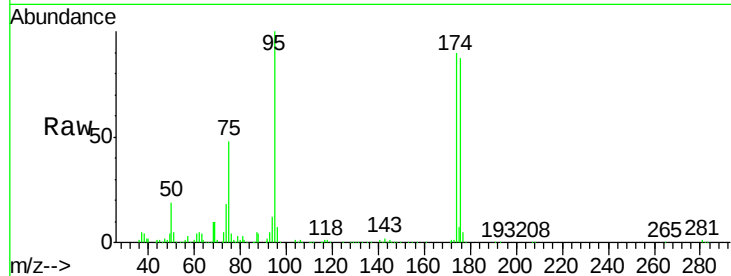




#76
 1,2,3-Trichloropropane
 Concen: 56.39 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065477.D
 Acq: 11 Mar 2020 13:06

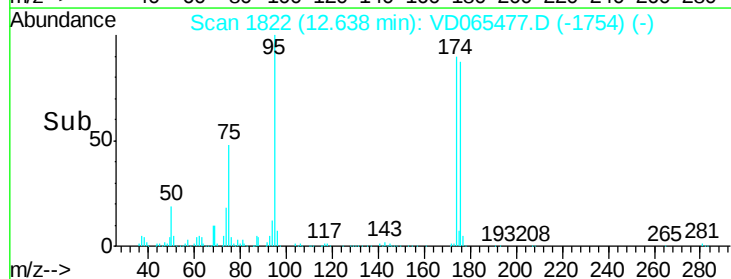
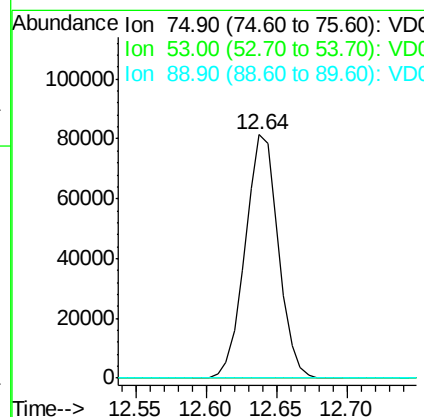
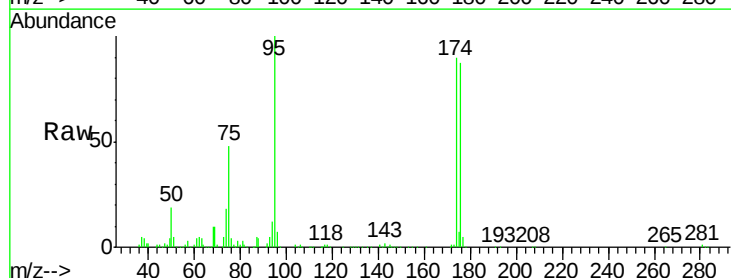
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

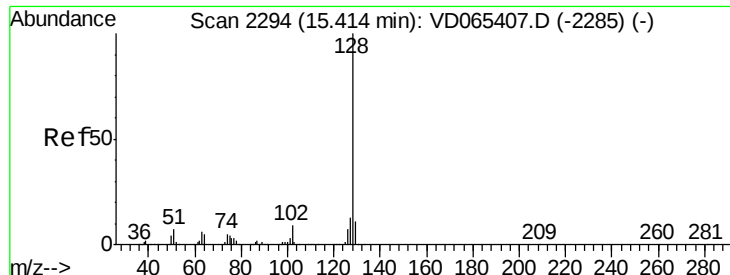
Tgt Ion: 75 Resp: 133627
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.01 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065477.D
 Acq: 11 Mar 2020 13:06

Tgt Ion: 75 Resp: 133627
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.3 106.9#
 89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 5.11 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

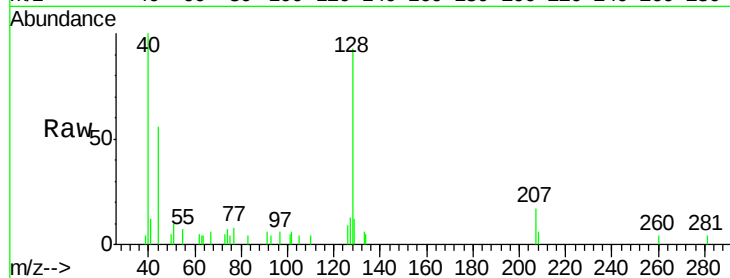
Tgt Ion:128 Resp: 7505

Ion Ratio Lower Upper

128 100

127 9.9 10.6 16.0#

129 8.2 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

