

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064198.D
 Acq On : 12 Nov 2019 16:09
 Operator : VA/SY
 Sample : K5676-11
 Misc : 8.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

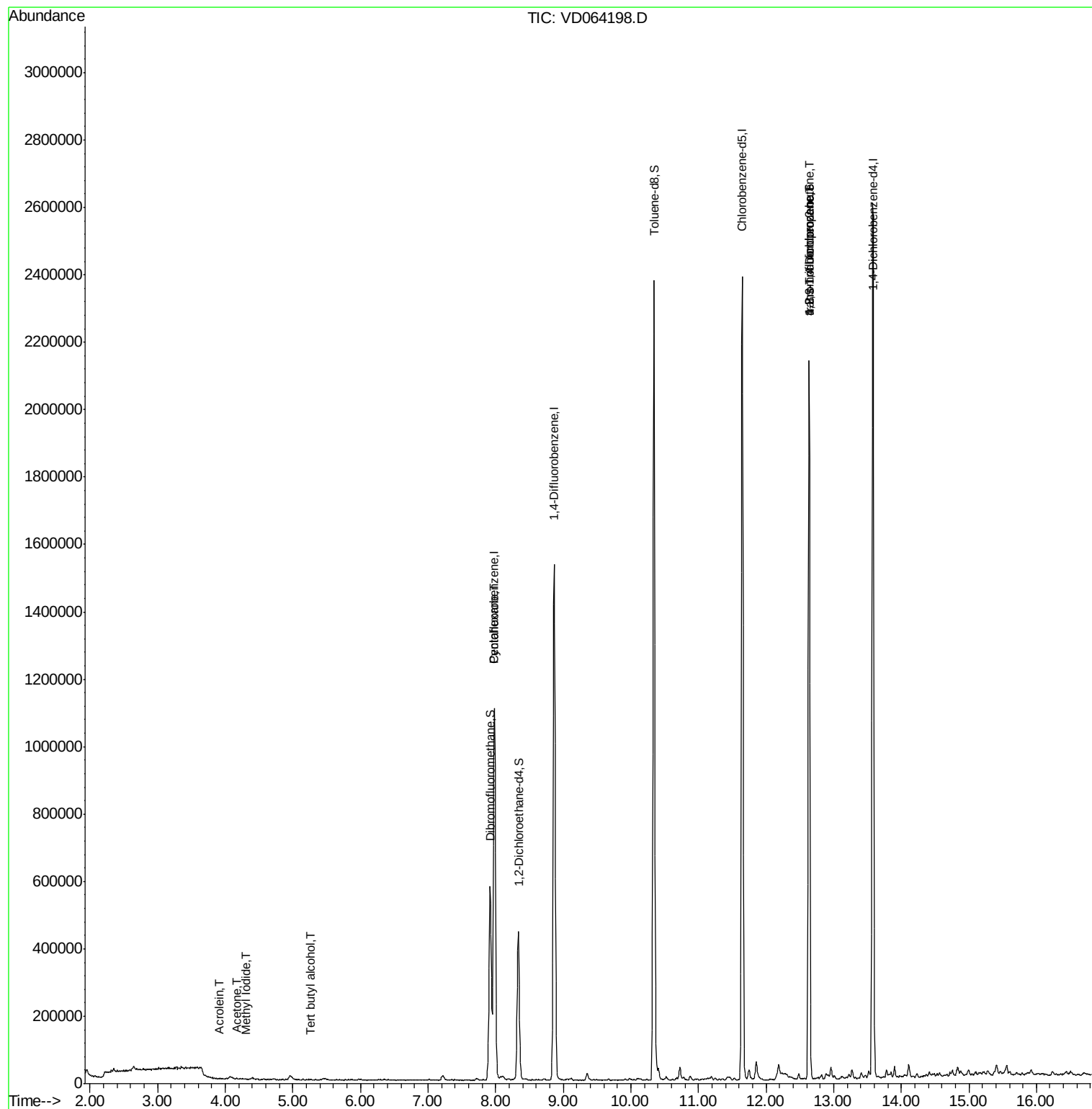
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	896237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1348203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1381492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	726750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	360097	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	7.92	113	404963	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.34	98	1618455	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
62) 4-Bromofluorobenzene	12.64	95	647668	64.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.12%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1477	2.188	ug/l #	64
11) Tert butyl alcohol	5.25	59	2299	4.466	ug/l #	40
13) Acrolein	3.91	56	636	1.460	ug/l #	82
16) Acetone	4.17	43	4400	2.520	ug/l #	73
31) Cyclohexane	7.98	56	22725	1.571	ug/l #	42
76) 1,2,3-Trichloropropane	12.64	75	333585	56.987	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	333585	113.198	ug/l #	10

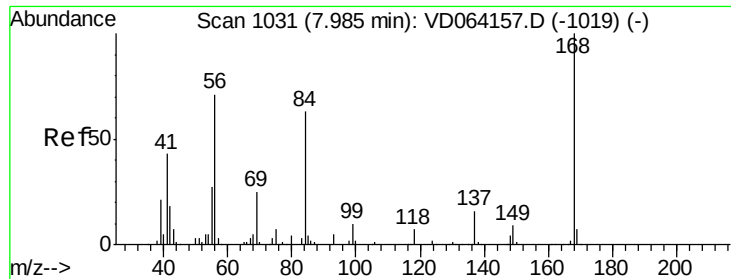
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064198.D

Acq: 12 Nov 2019 16:09

Instrument :

MSVOA_D

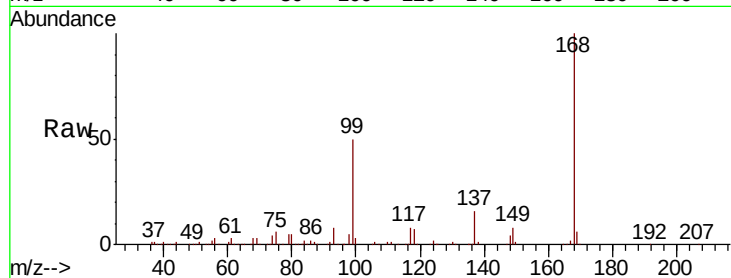
ClientSampled :

Tot Ion:168 Resp: 896237

Ion Ratio Lower Upper

168 100

99 49.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

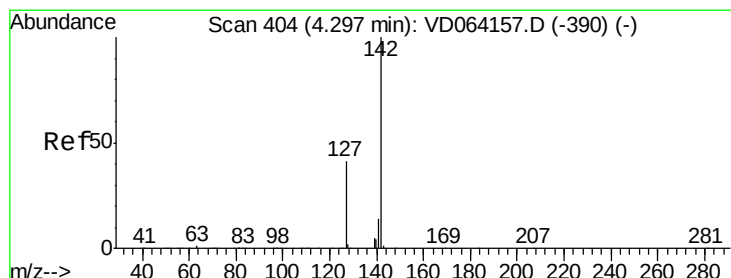
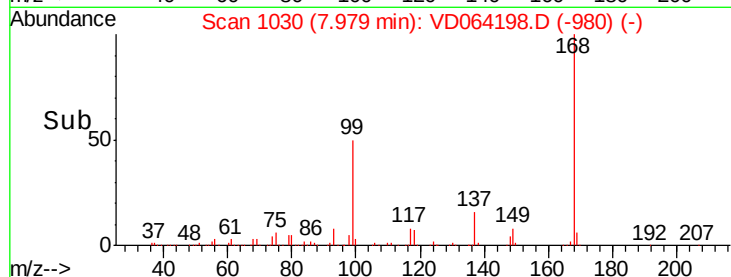
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.188 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064198.D

Acq: 12 Nov 2019 16:09

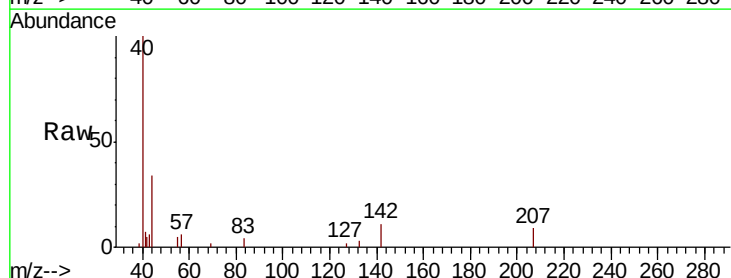
Tgt Ion:142 Resp: 1477

Ion Ratio Lower Upper

142 100

127 19.3 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

1000

800

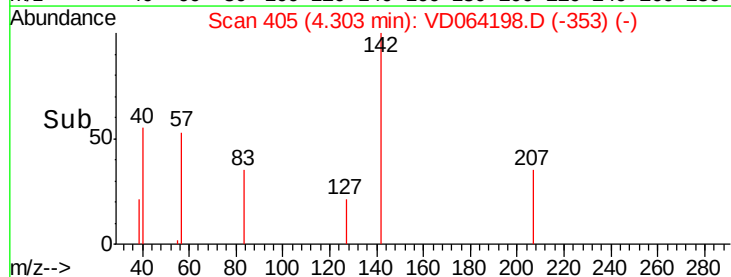
600

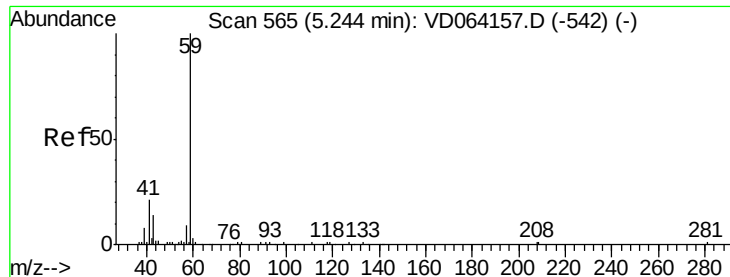
400

200

0

Time-->

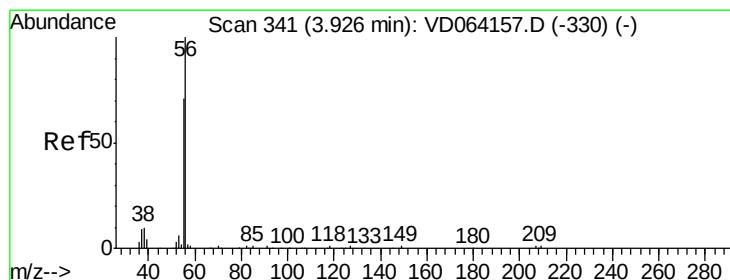
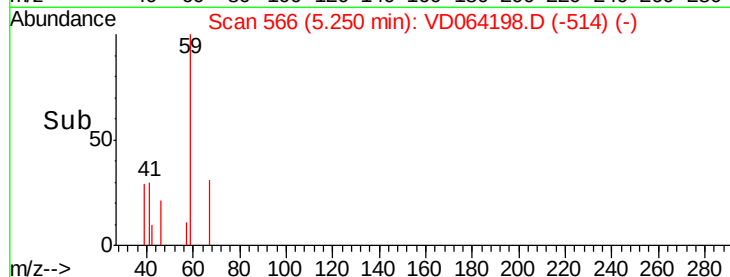
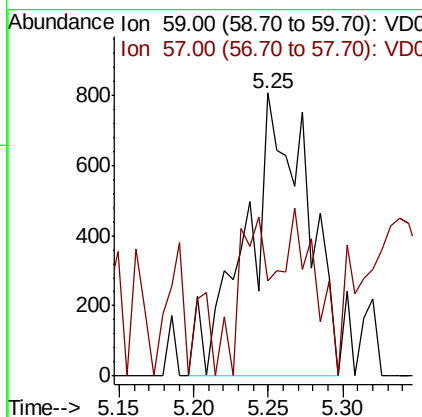
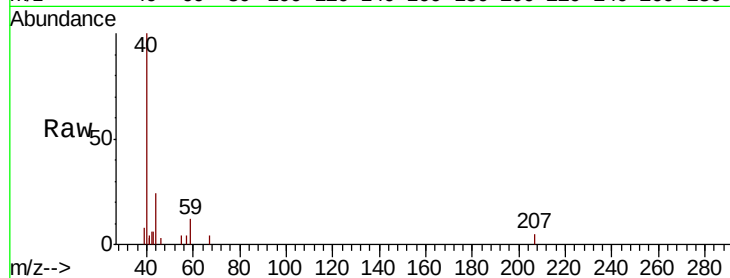




#11
Tert butyl alcohol
Concen: 4.466 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

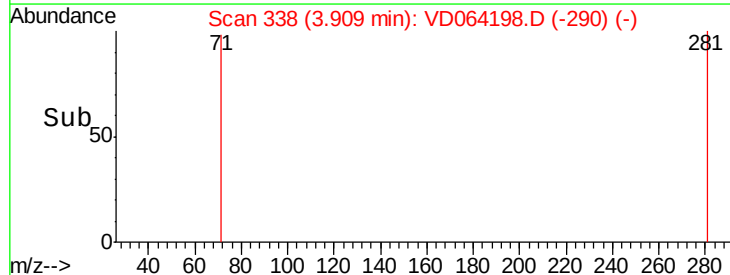
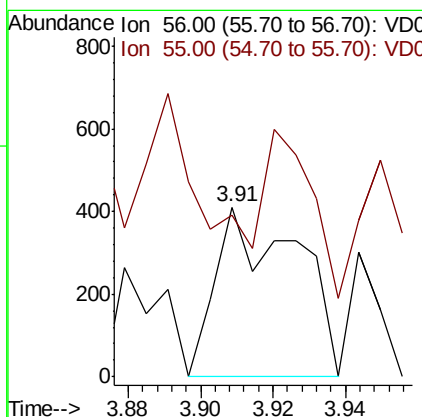
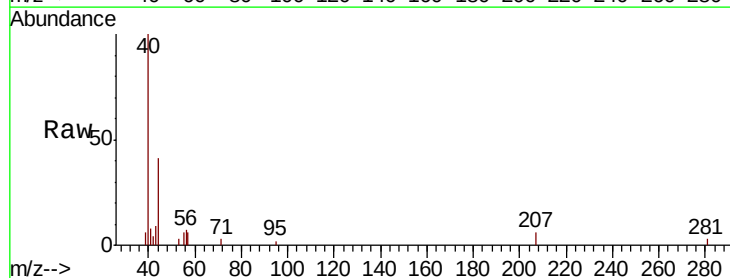
Instrument :
MSVOA_D
ClientSampled :

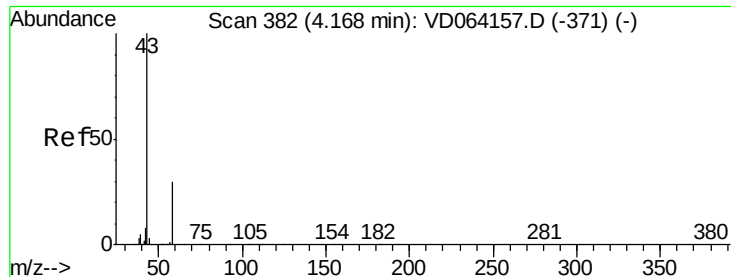
Tot Ion: 59 Resp: 2299
Ion Ratio Lower Upper
59 100
57 35.0 9.4 14.2#



#13
Acrolein
Concen: 1.460 ug/l
RT: 3.91 min Scan# 338
Delta R.T. -0.02 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Tgt Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
55 55.2 56.1 84.1#

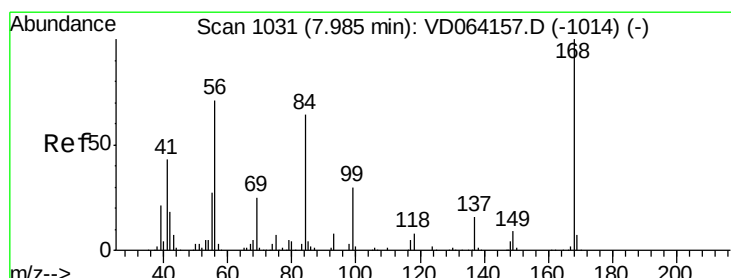
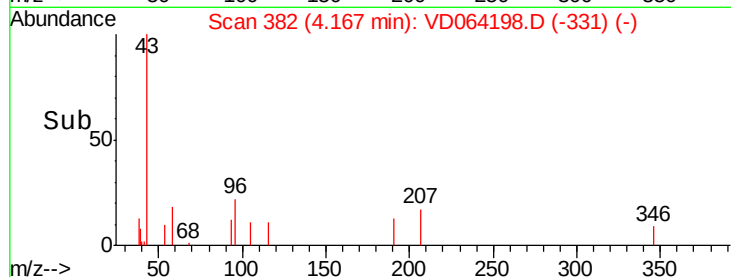
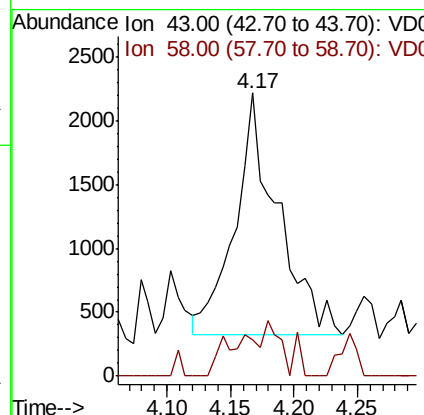
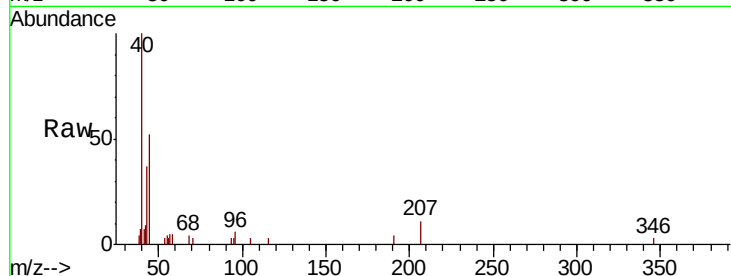




#16
Acetone
Concen: 2.520 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

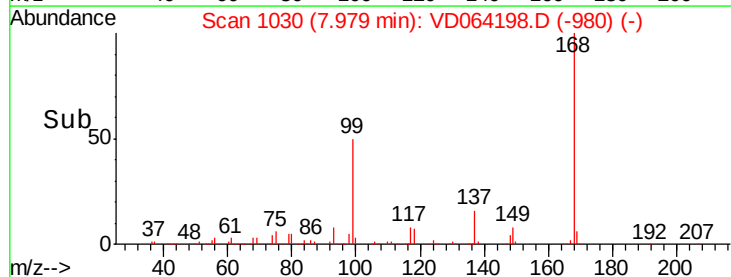
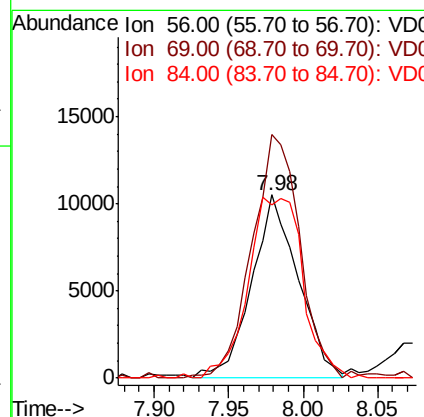
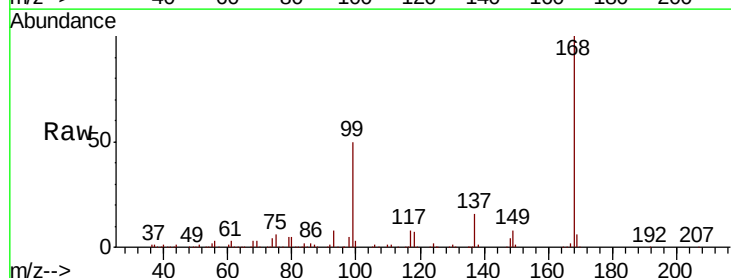
Instrument :
MSVOA_D
ClientSampleId :

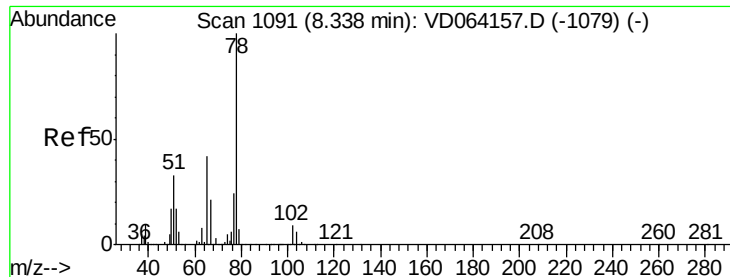
Tot Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
58 15.2 24.1 36.1#



#31
Cyclohexane
Concen: 1.571 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Tgt Ion: 56 Resp: 22725
Ion Ratio Lower Upper
56 100
69 133.1 28.2 42.4#
84 103.1 71.8 107.6

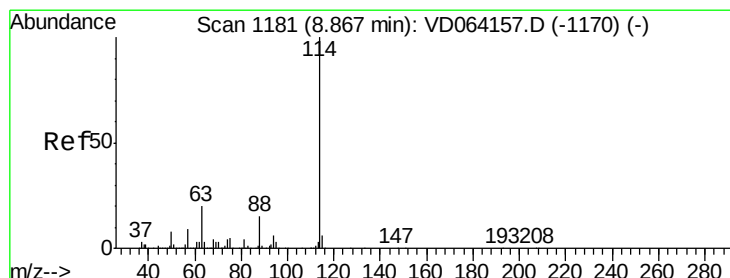
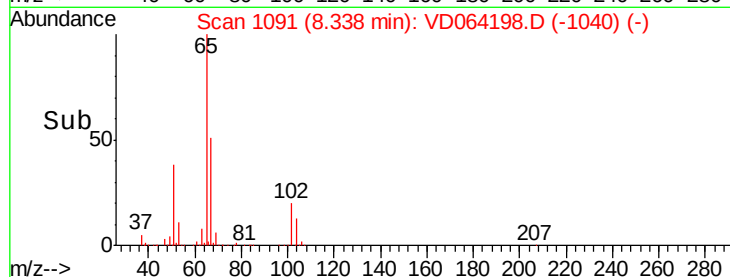
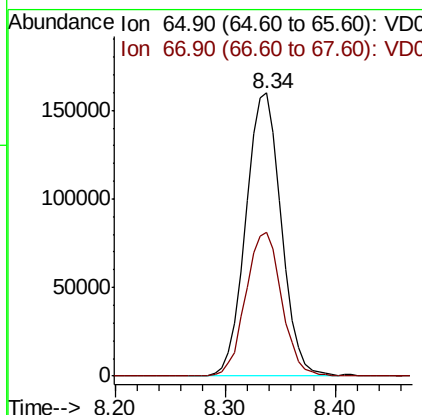
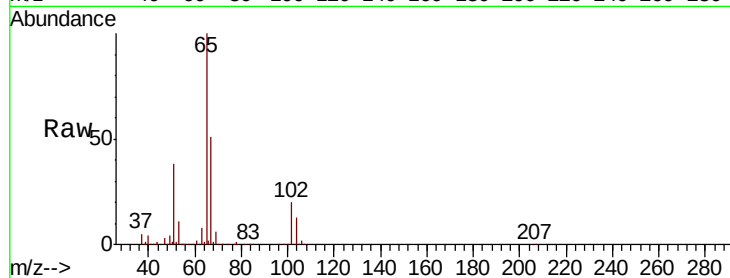




#33
 1,2-Dichloroethane-d4
 Concen: 48.853 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

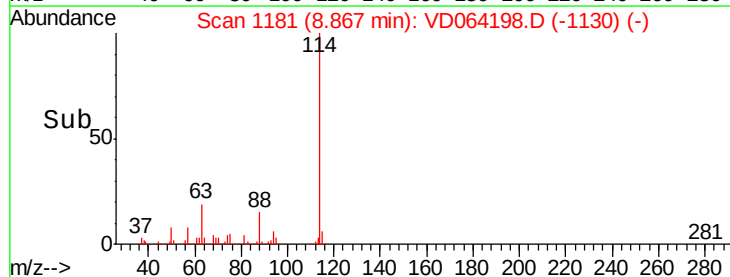
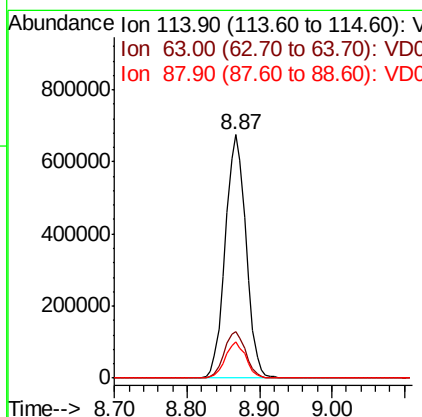
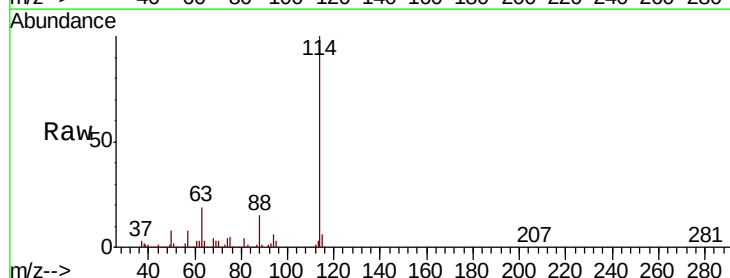
Instrument :
 MSVOA_D
 ClientSampleId :

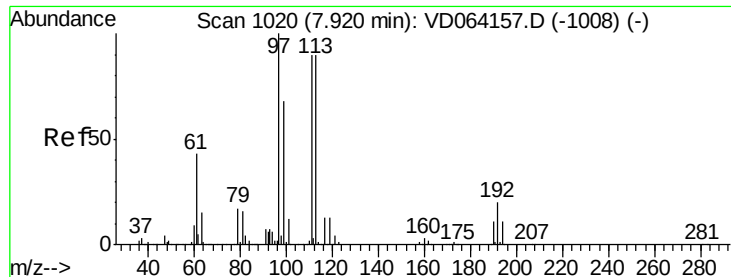
Tot Ion: 65 Resp: 360097
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

Tgt Ion: 114 Resp: 1348203
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 14.7 0.0 30.2

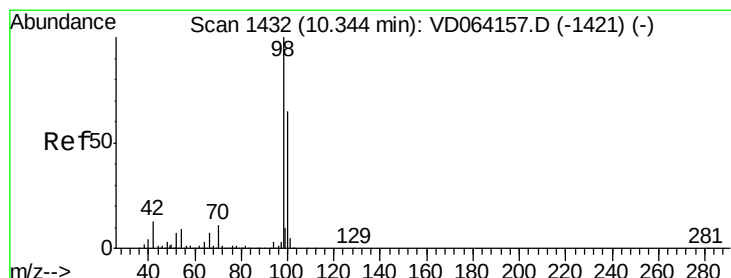
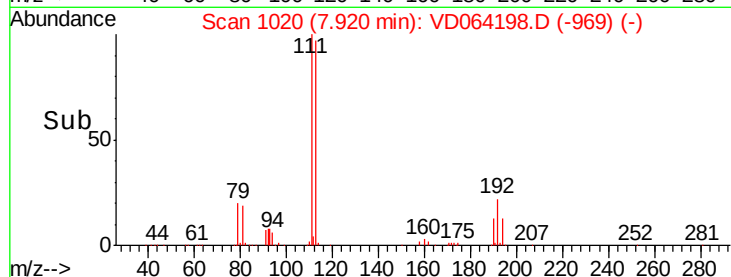
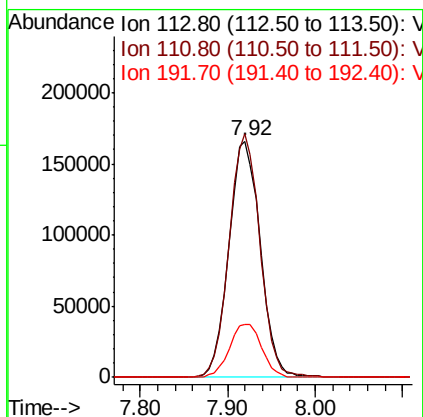
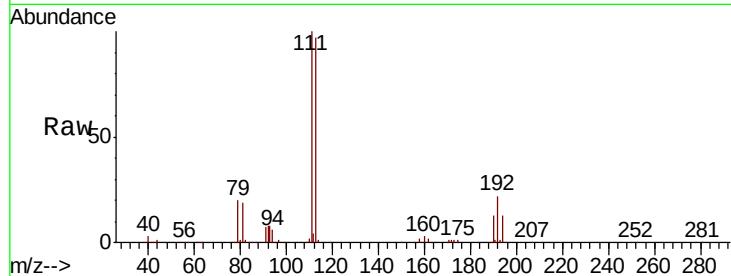




#35
 Dibromofluoromethane
 Concen: 52.328 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

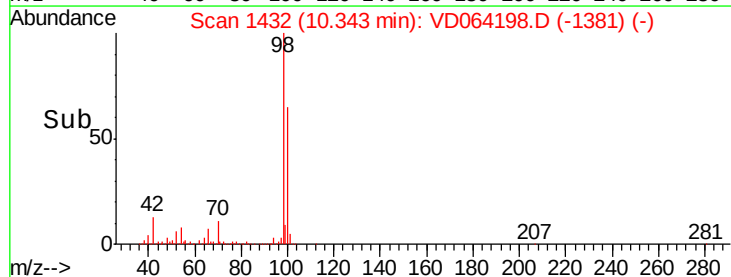
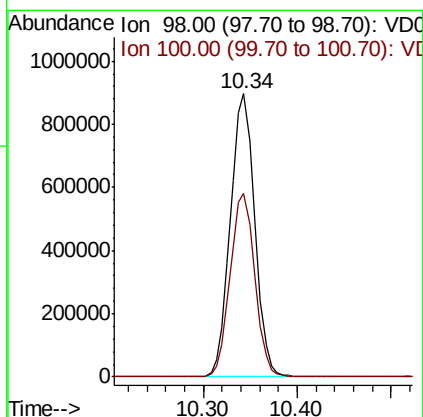
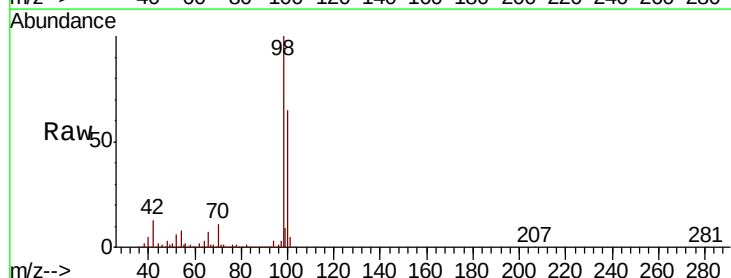
Instrument :
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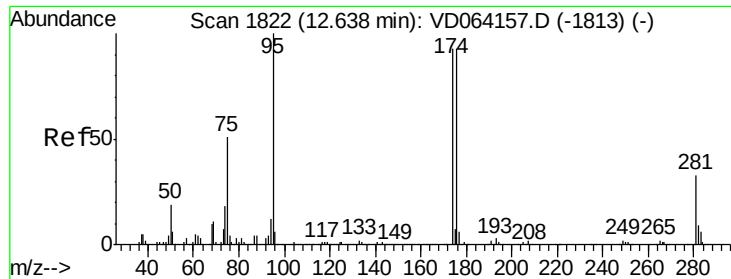
Tot Ion:113 Resp: 404963
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.5 122.3
 192 23.3 18.8 28.2



#50
 Toluene-d8
 Concen: 55.437 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

Tgt Ion: 98 Resp: 1618455
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8

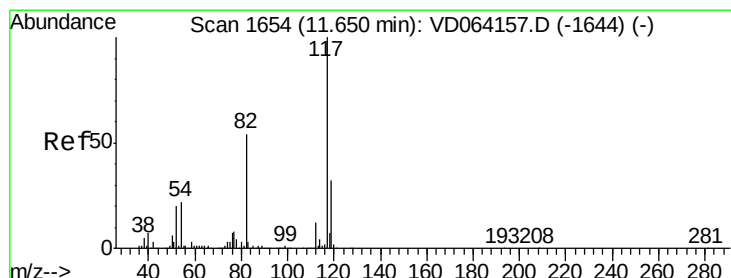
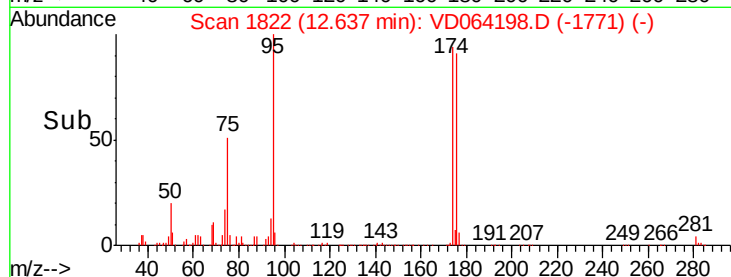
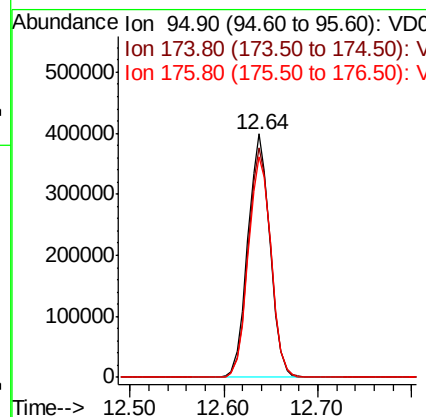
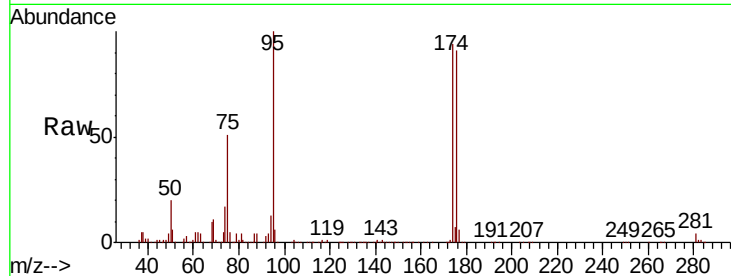




#62
4-Bromofluorobenzene
Concen: 64.061 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

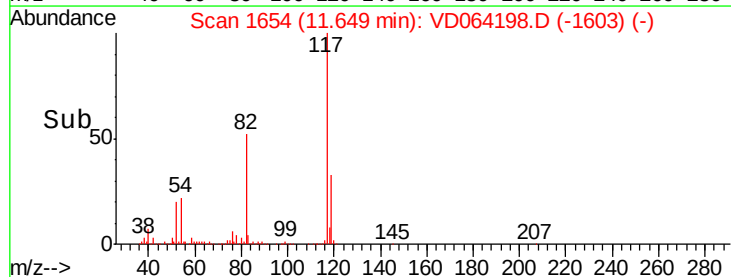
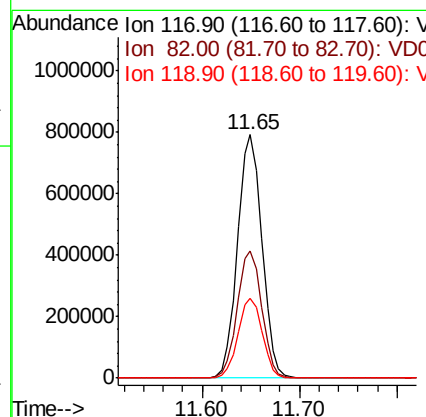
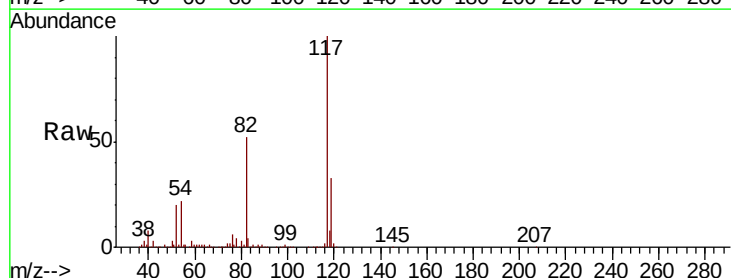
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MSVOA_D
ClientSampleId :

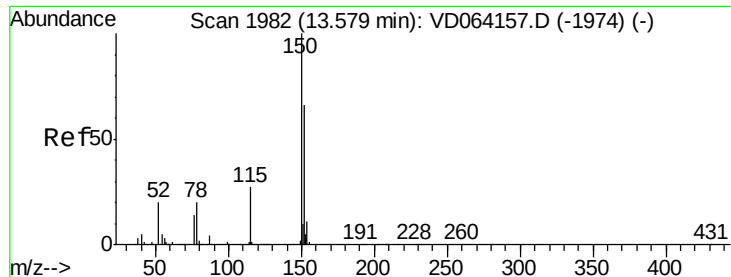
Tot Ion: 95 Resp: 647668
Ion Ratio Lower Upper
95 100
174 95.5 0.0 183.6
176 92.6 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Tgt Ion: 117 Resp: 1381492
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 32.8 25.6 38.4

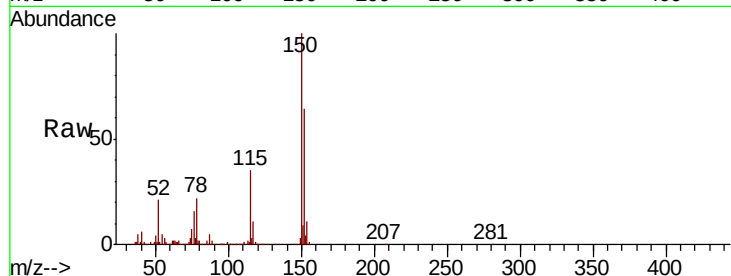




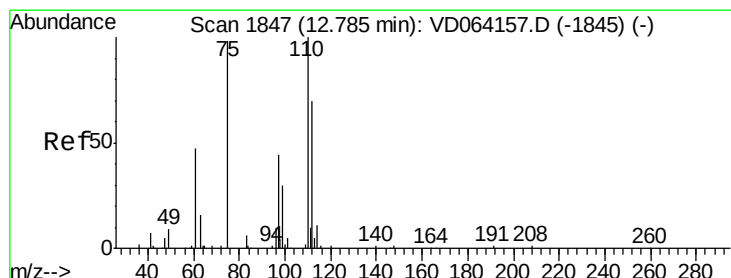
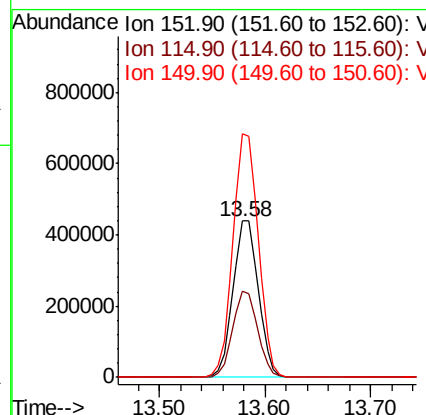
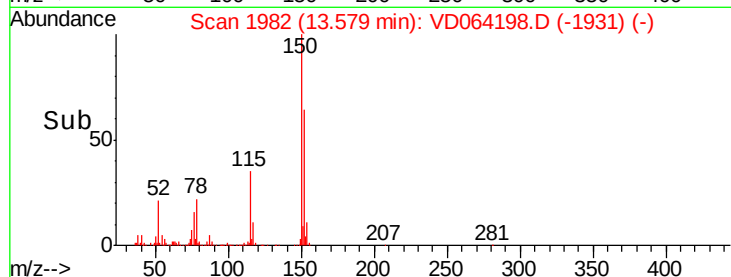
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 726750
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.4 82.2
 150 156.0 0.0 351.6

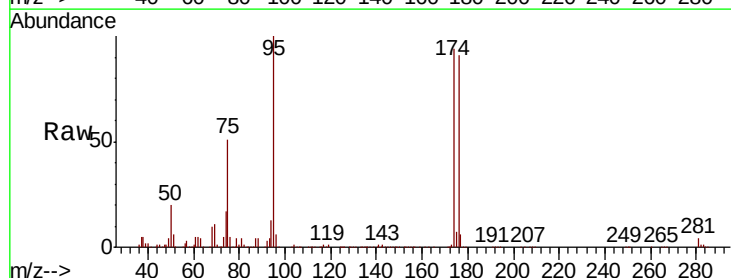


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

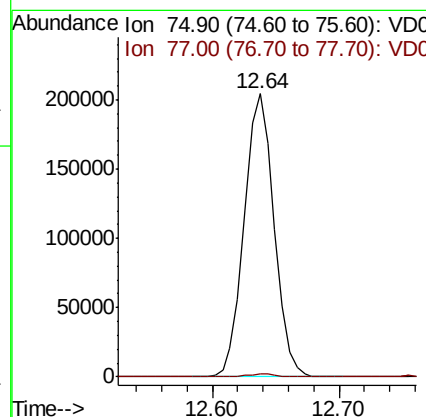
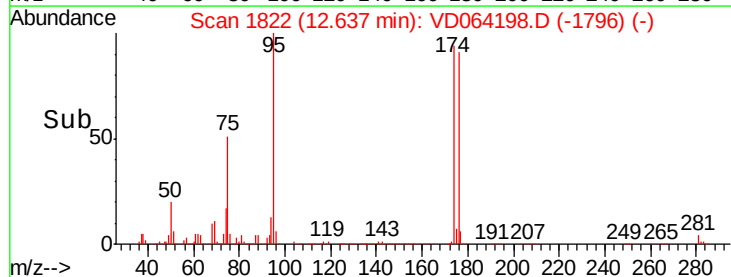


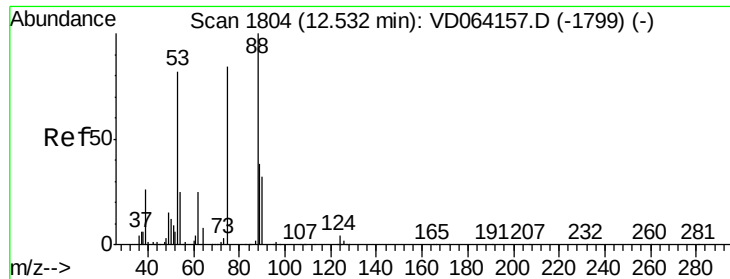
#76
 1,2,3-Trichloropropane
 Concen: 56.987 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064198.D
 Acq: 12 Nov 2019 16:09

Tgt Ion: 75 Resp: 333585
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 113.198 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064198.D

Acq: 12 Nov 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

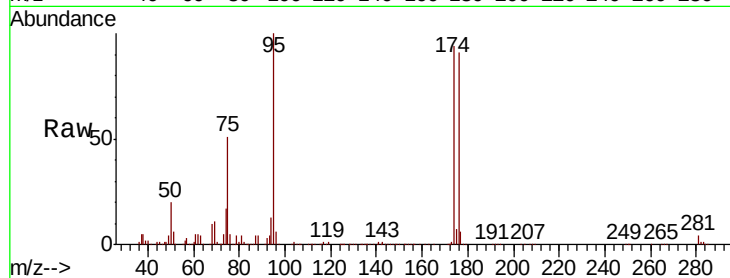
Tot Ion: 75 Resp: 333585

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

