

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
 Data File : VD064310.D
 Acq On : 20 Nov 2019 13:38
 Operator : VA/SY
 Sample : K5932-02
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1A-415

Quant Time: Nov 20 15:44:23 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

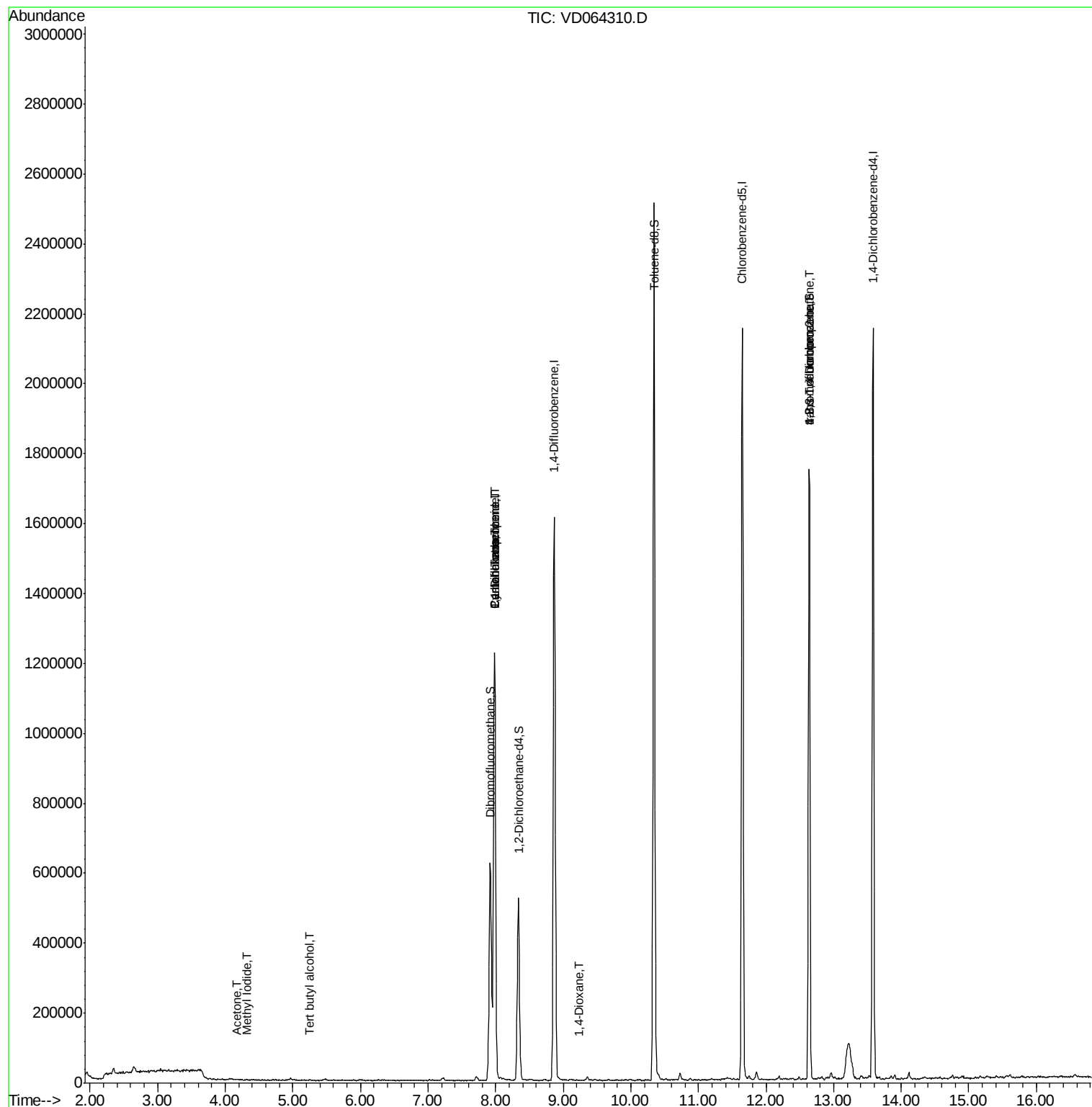
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1005235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1441373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1247517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	591580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	407313	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.92	113	431670	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.34	98	1679977	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.64	95	531400	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.32	142	1575	2.181	ug/l #	45
11) Tert butyl alcohol	5.24	59	786	1.361	ug/l #	74
16) Acetone	4.18	43	2826	1.443	ug/l	98
31) Cyclohexane	7.98	56	20748	1.279	ug/l #	17
36) 1,1-Dichloropropene	7.98	75	65385	4.915	ug/l #	50
38) Carbon Tetrachloride	7.98	117	89524	6.289	ug/l #	15
49) 1,4-Dioxane	9.22	88	57	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	273518	57.402	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	273518	114.022	ug/l #	10

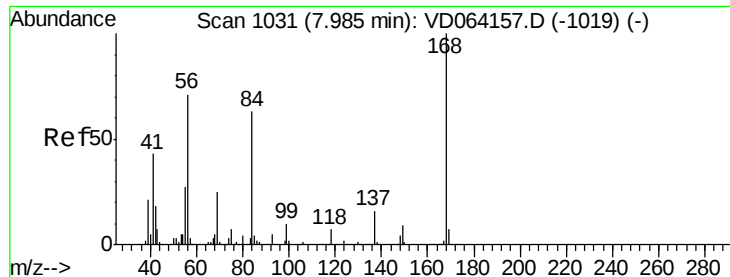
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

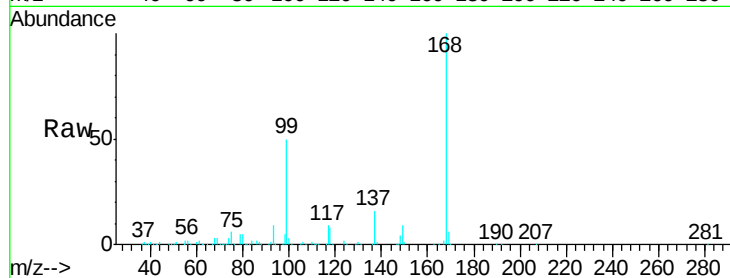
1A-415

Tgt Ion:168 Resp: 1005235

Ion Ratio Lower Upper

168 100

99 50.1 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

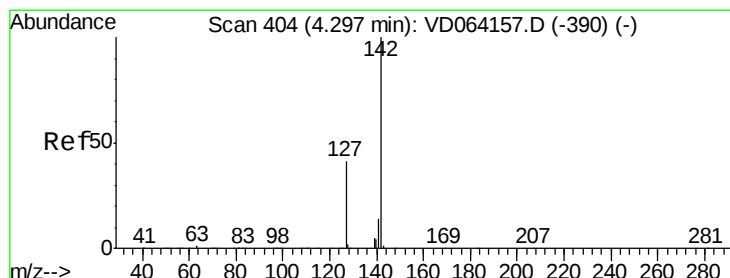
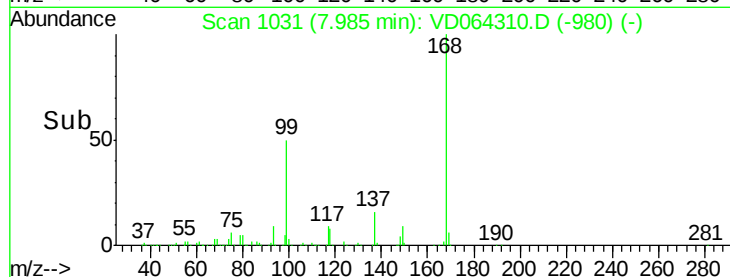
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.181 ug/l

RT: 4.32 min Scan# 408

Delta R.T. 0.02 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

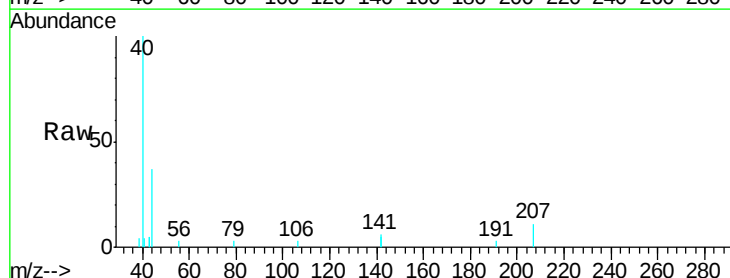
Tgt Ion:142 Resp: 1575

Ion Ratio Lower Upper

142 100

127 3.8 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

4.32

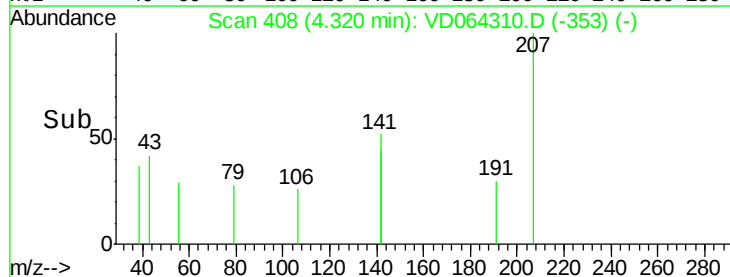
600

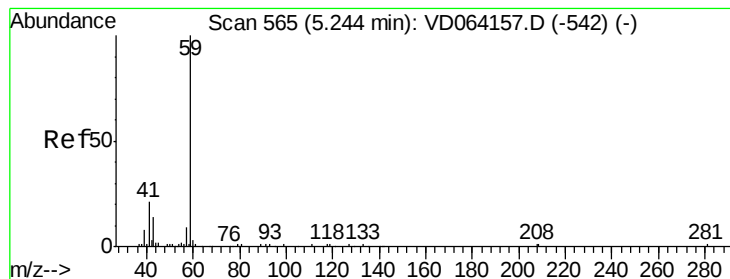
400

200

0

Time-->



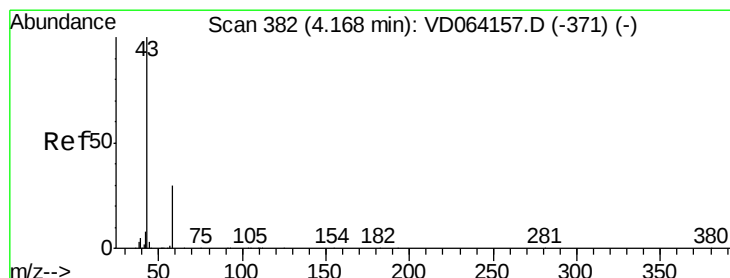
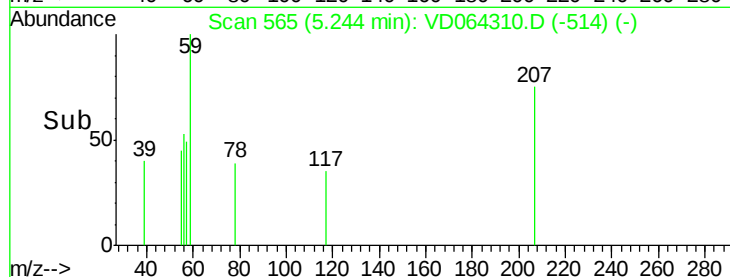
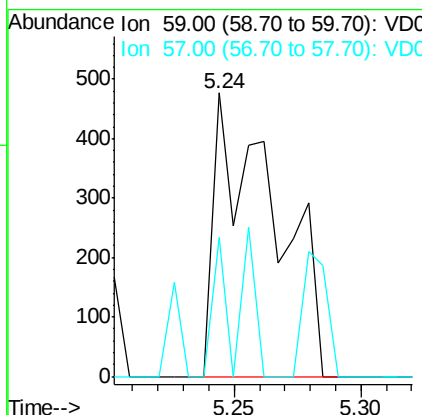
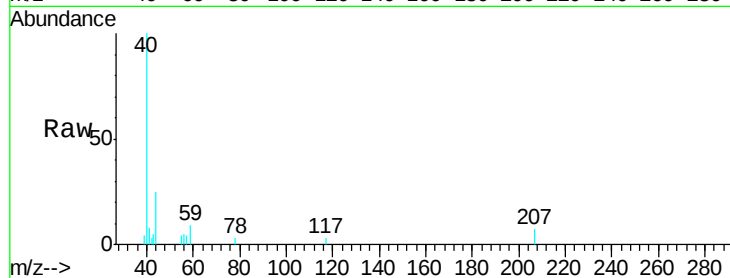


#11

Tert butyl alcohol
 Concen: 1.361 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 1A-415

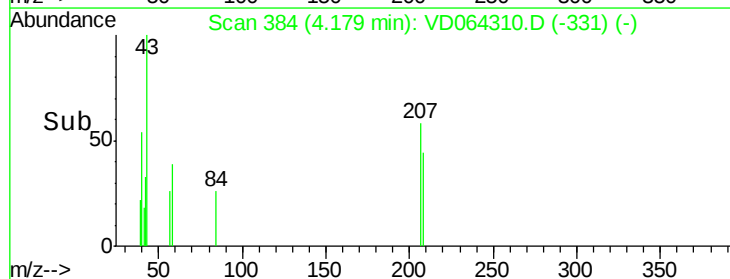
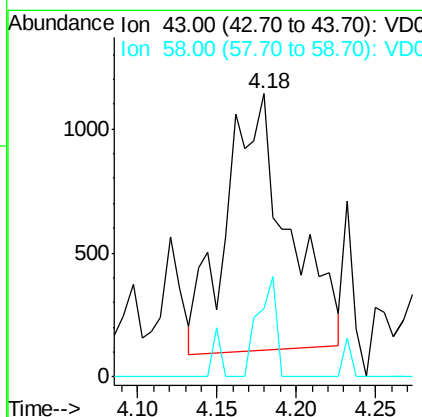
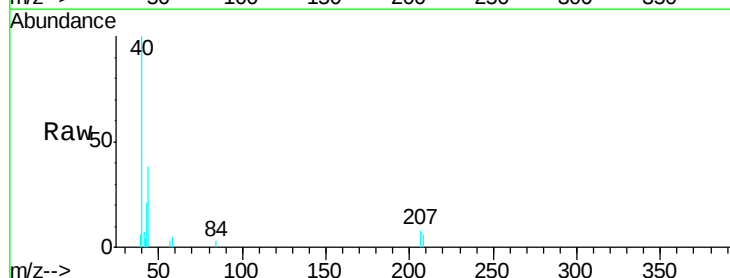
Tgt Ion: 59 Resp: 786
 Ion Ratio Lower Upper
 59 100
 57 21.8 9.4 14.2#

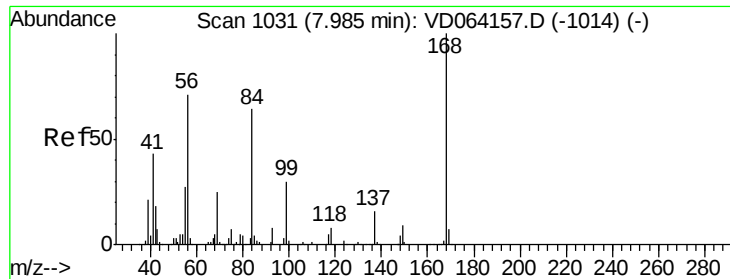


#16

Acetone
 Concen: 1.443 ug/l
 RT: 4.18 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

Tgt Ion: 43 Resp: 2826
 Ion Ratio Lower Upper
 43 100
 58 29.3 24.1 36.1

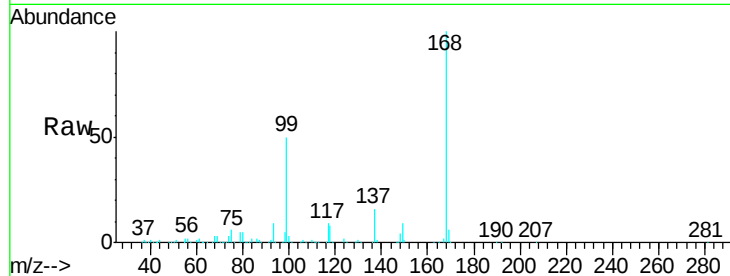




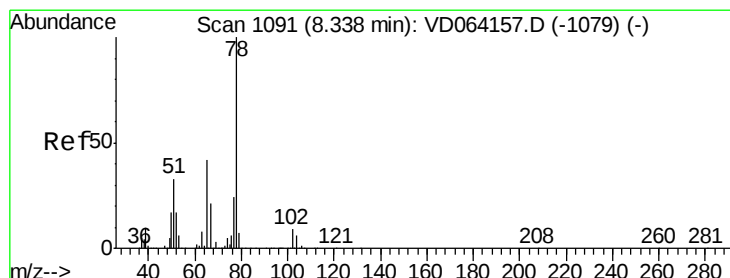
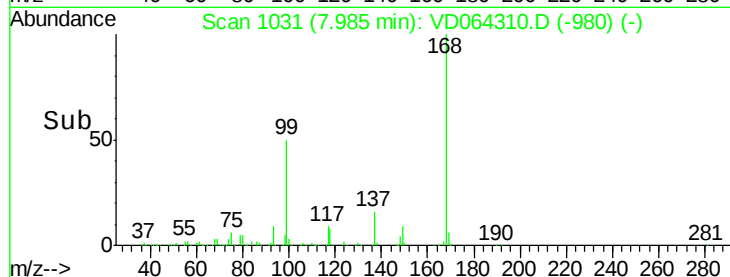
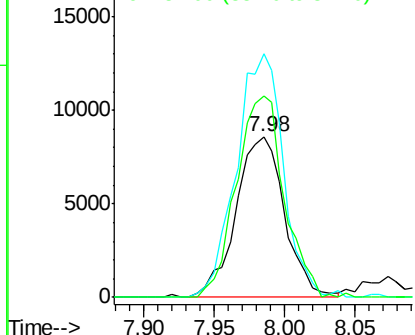
#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

Instrument :
MSVOA_D
ClientSampleId :
1A-415

Tgt Ion: 56 Resp: 20748
Ion Ratio Lower Upper
56 100
69 151.6 28.2 42.4#
84 125.0 71.8 107.6#

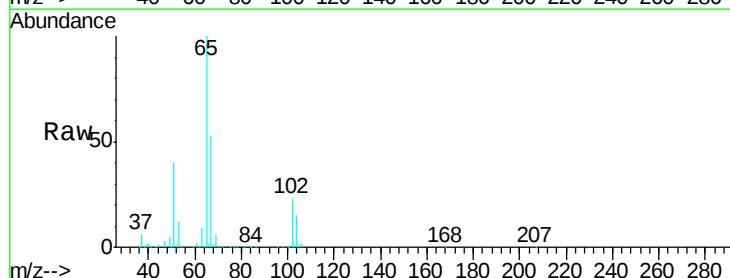


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

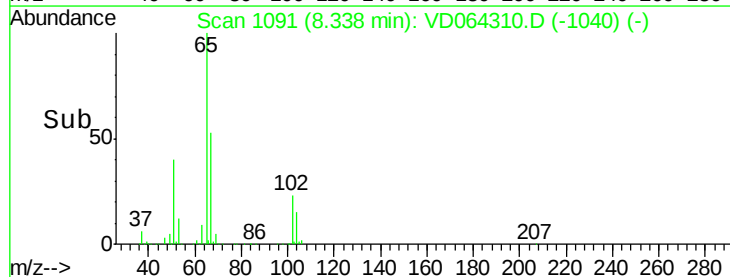
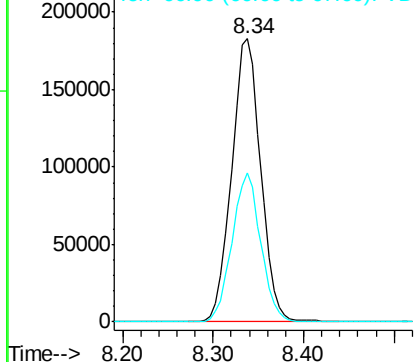


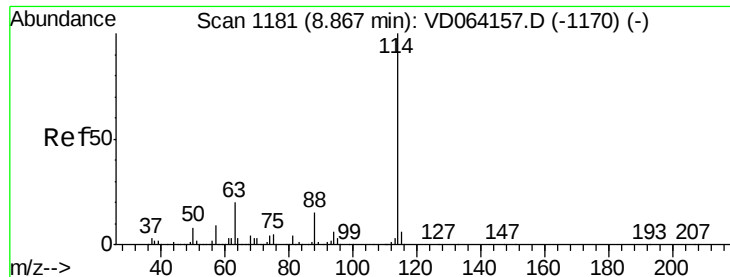
#33
1,2-Dichloroethane-d4
Concen: 49.267 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

Tgt Ion: 65 Resp: 407313
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

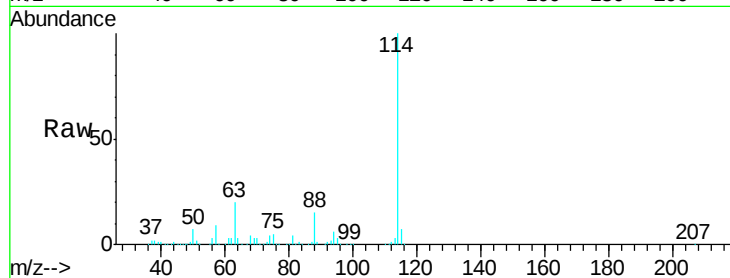




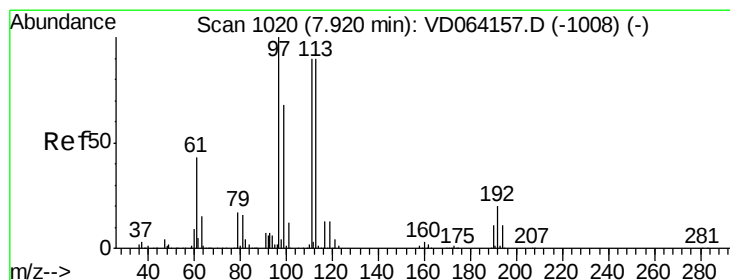
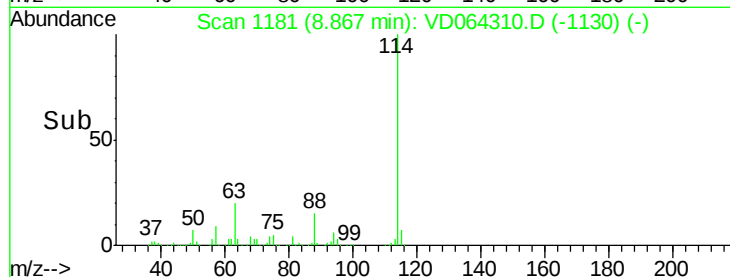
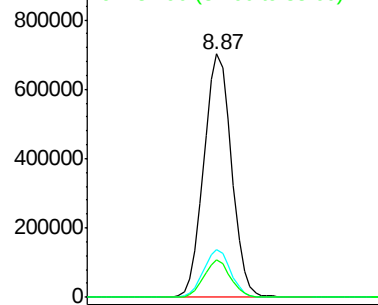
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 1A-415

Tgt Ion:114 Resp: 1441373
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 30.2

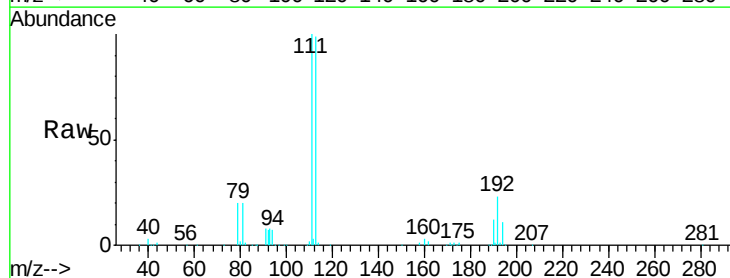


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

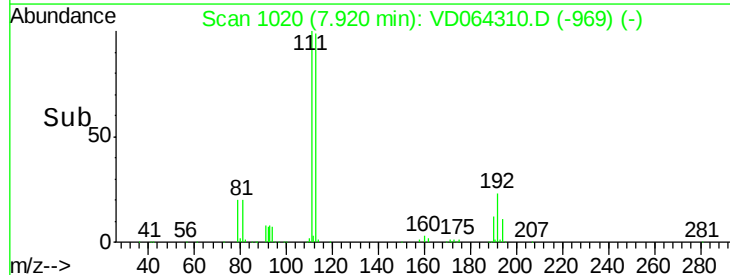
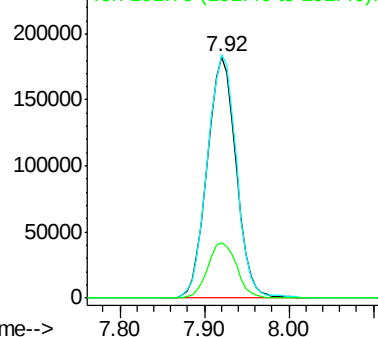


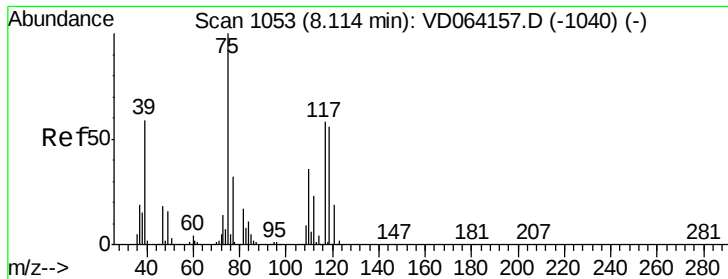
#35
 Dibromofluoromethane
 Concen: 52.174 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

Tgt Ion:113 Resp: 431670
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.0 18.8 28.2



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





#36

1,1-Dichloropropene

Concen: 4.915 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

1A-415

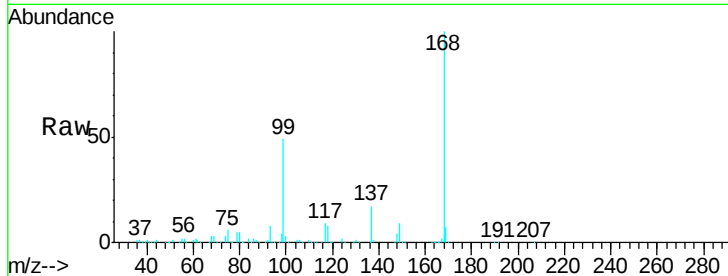
Tgt Ion: 75 Resp: 65385

Ion Ratio Lower Upper

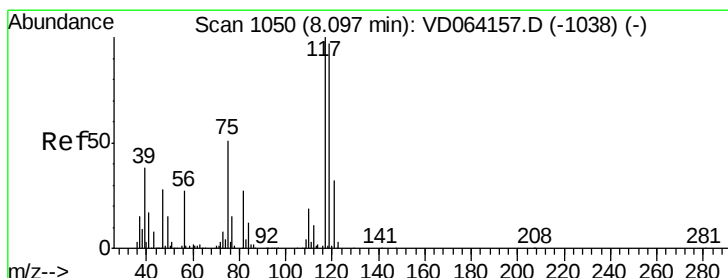
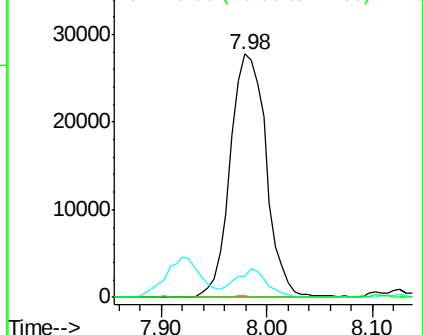
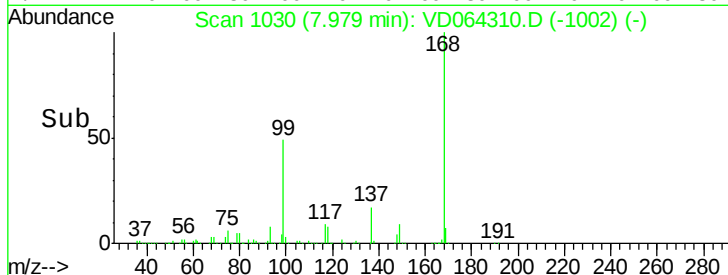
75 100

110 10.2 18.3 54.9#

77 0.2 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VD064310.D (-1002) (-)



#38

Carbon Tetrachloride

Concen: 6.289 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

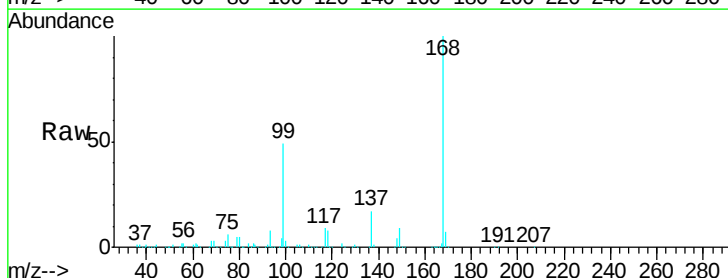
Tgt Ion: 117 Resp: 89524

Ion Ratio Lower Upper

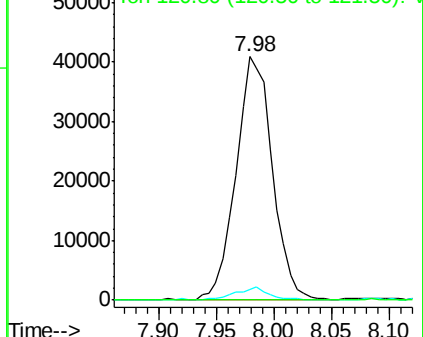
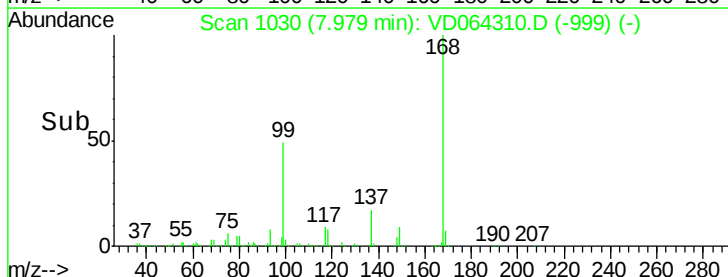
117 100

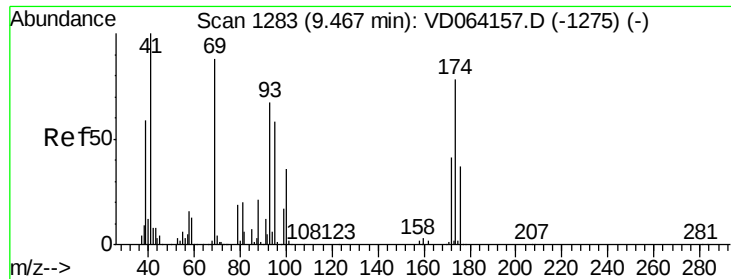
119 4.5 77.2 115.8#

121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): VD064310.D (-999) (-)

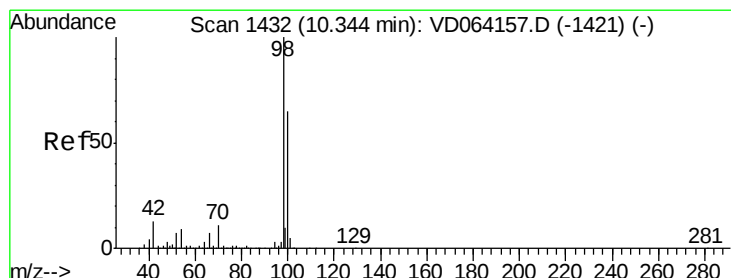
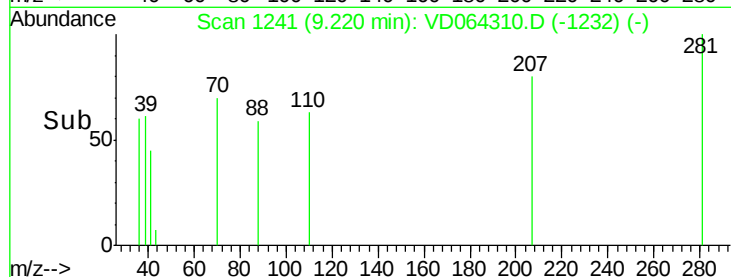
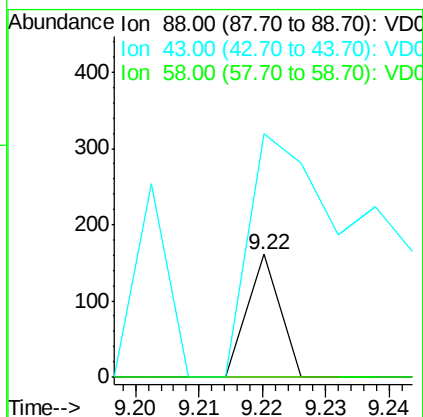
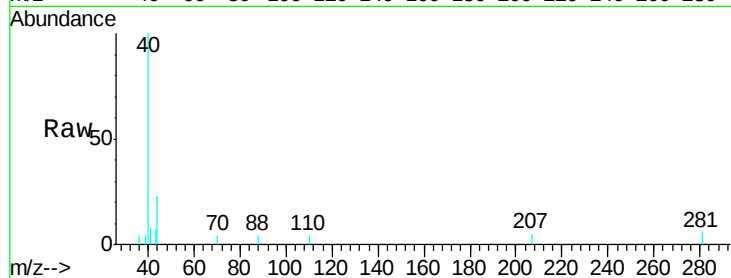




#49
1,4-Dioxane
Concen: 1.002 ug/l
RT: 9.22 min Scan# 1241
Delta R.T. -0.25 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

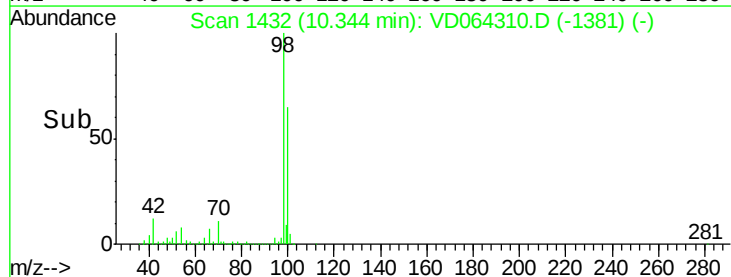
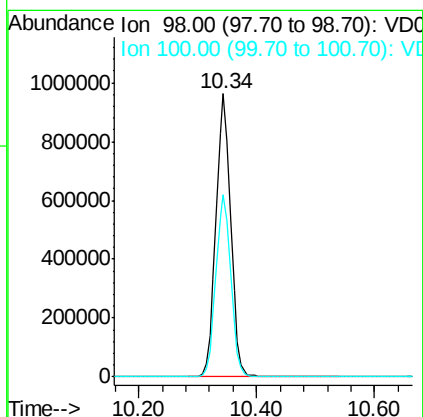
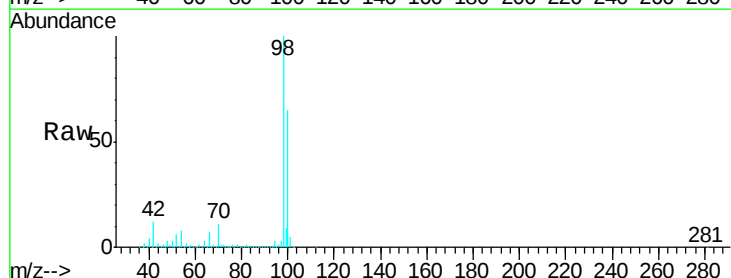
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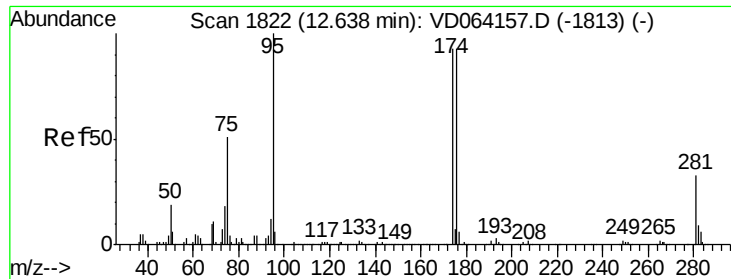
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 998.2 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.825 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

Tgt Ion: 98 Resp: 1679977
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

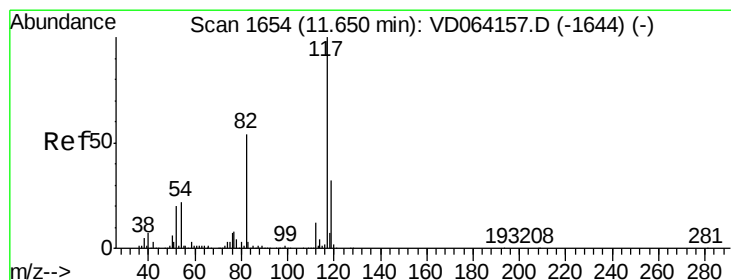
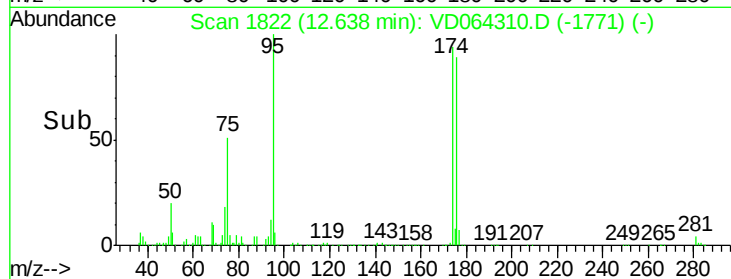
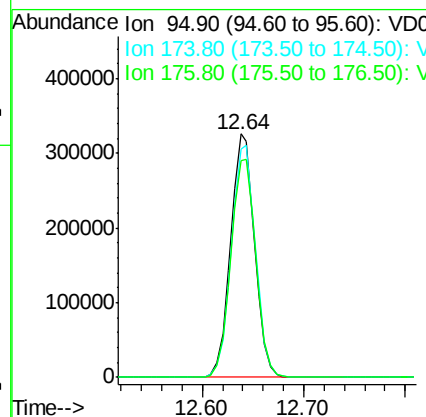
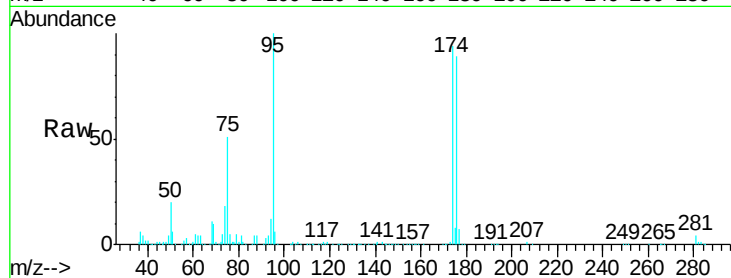




#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

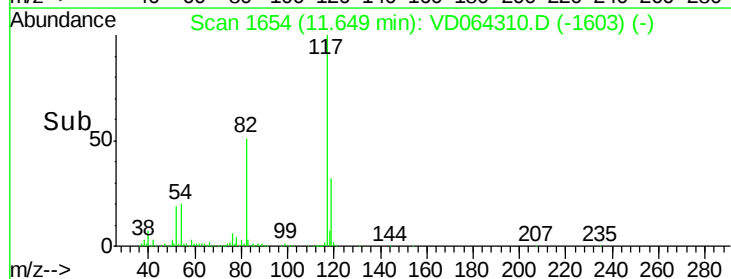
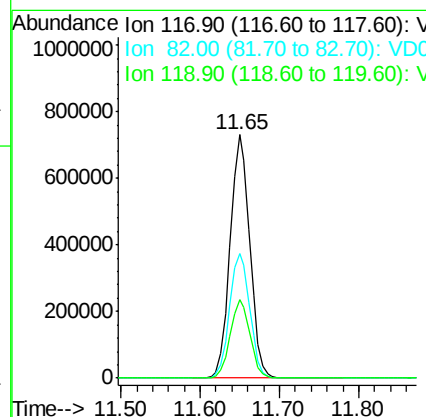
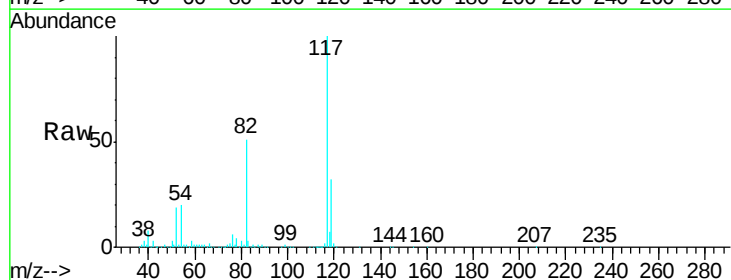
Instrument :
MSVOA_D
ClientSampled :
1A-415

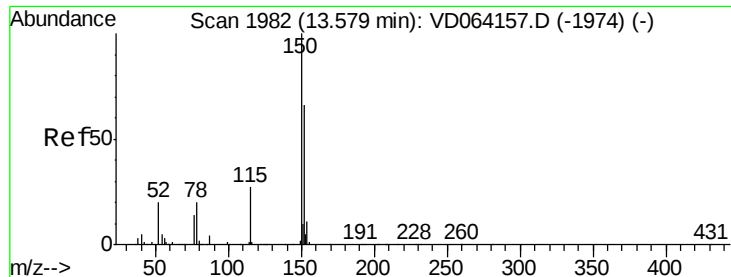
Tgt Ion: 95 Resp: 531400
Ion Ratio Lower Upper
95 100
174 96.6 0.0 183.6
176 93.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

Tgt Ion: 117 Resp: 1247517
Ion Ratio Lower Upper
117 100
82 51.3 42.8 64.2
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

1A-415

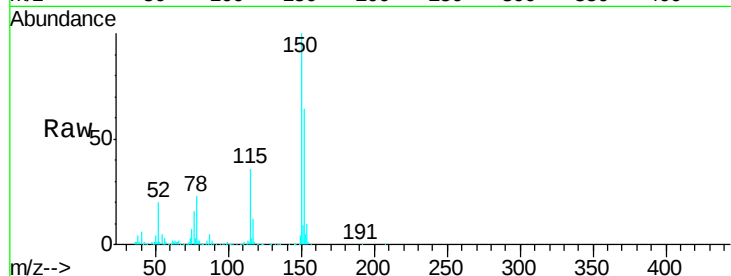
Tgt Ion: 152 Resp: 591580

Ion Ratio Lower Upper

152 100

115 54.6 27.4 82.2

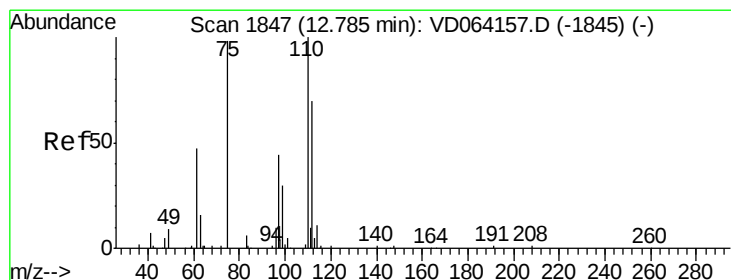
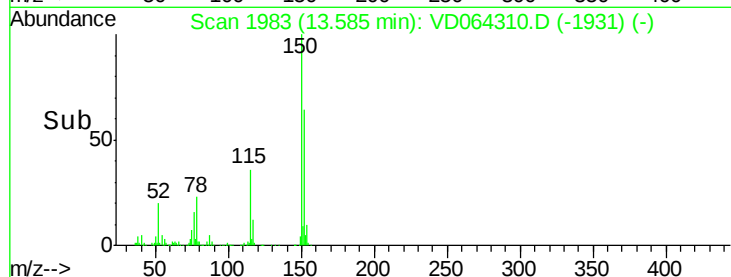
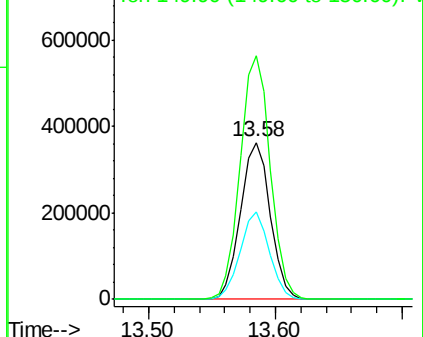
150 156.3 0.0 351.6



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: 57.402 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064310.D

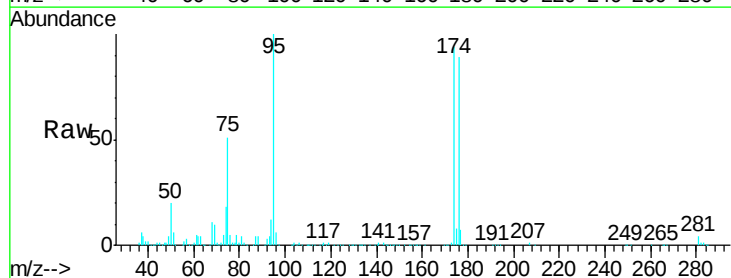
Acq: 20 Nov 2019 13:38

Tgt Ion: 75 Resp: 273518

Ion Ratio Lower Upper

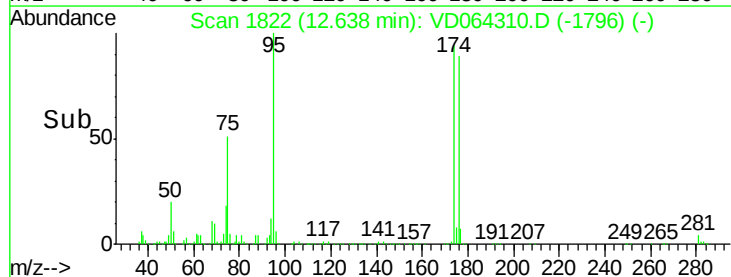
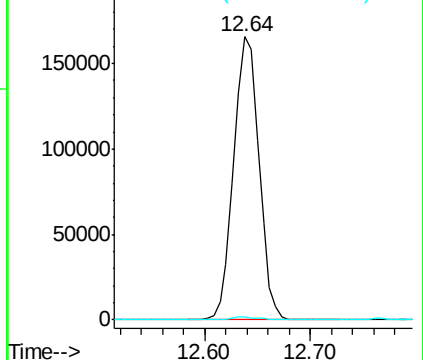
75 100

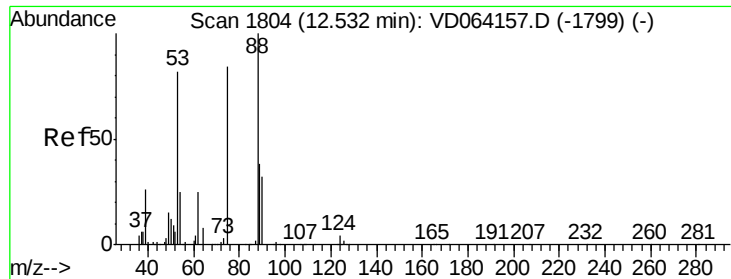
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 114.022 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

1A-415

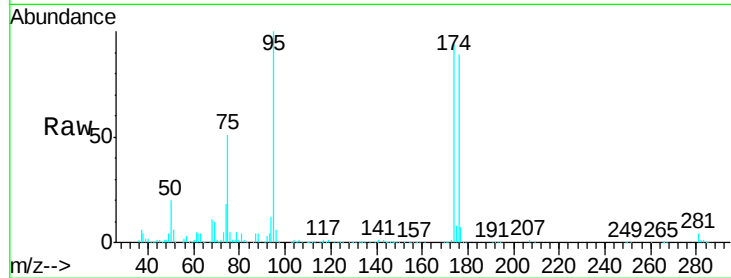
Tgt Ion: 75 Resp: 273518

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

89 0.0 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

