

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064717.D
 Acq On : 02 Jan 2020 15:03
 Operator : VA/SY
 Sample : K6465-01
 Misc : 7.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-11-(1-3)

Quant Time: Jan 03 00:24:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

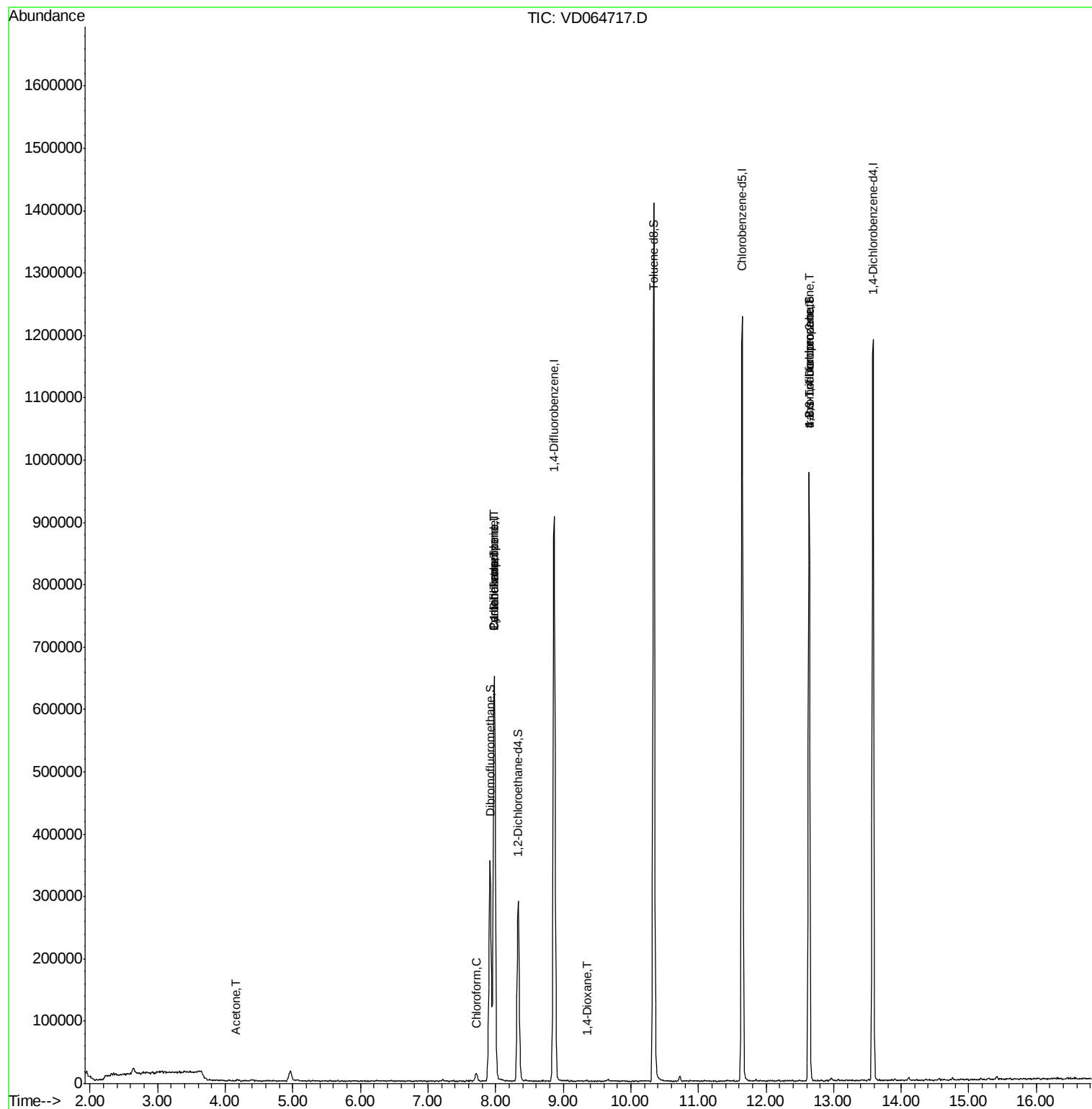
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	517669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	802033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	701181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233896	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.92	113	245594	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.34	98	955560	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.64	95	288982	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	1171	5.264	ug/l #	42
20) Methylene Chloride	4.97	84	12081	Below Cal		94
30) Chloroform	7.71	83	10957	1.228	ug/l	89
31) Cyclohexane	7.98	56	10482	1.232	ug/l #	3
36) 1,1-Dichloropropene	7.98	75	36853	4.774	ug/l #	49
38) Carbon Tetrachloride	7.98	117	49019	5.955	ug/l #	16
49) 1,4-Dioxane	9.36	88	60	1.855	ug/l #	6
76) 1,2,3-Trichloropropane	12.64	75	153803	60.070	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153803	125.634	ug/l #	10

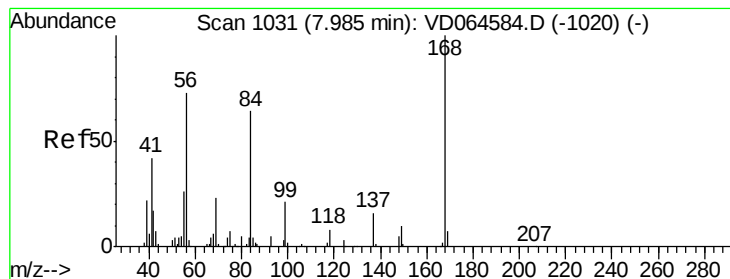
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010220\
Data File : VD064717.D
Acq On : 02 Jan 2020 15:03
Operator : VA/SY
Sample : K6465-01
Misc : 7.81G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

Quant Time: Jan 03 00:24:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064717.D

Acq: 02 Jan 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

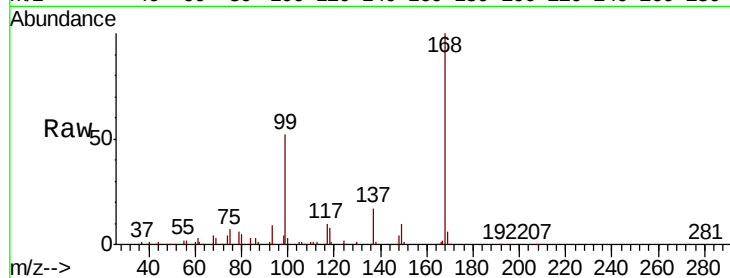
GP-11-(1-3)

Tot Ion:168 Resp: 517669

Ion Ratio Lower Upper

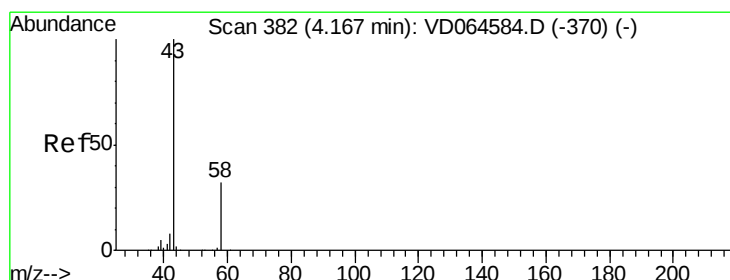
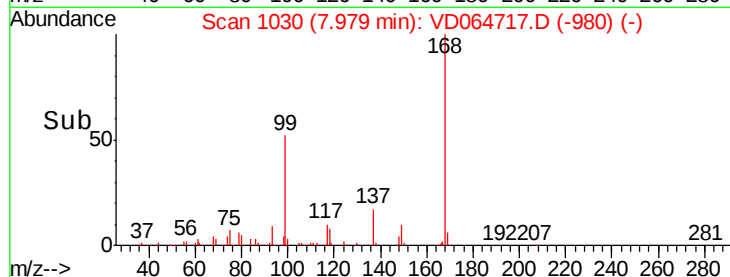
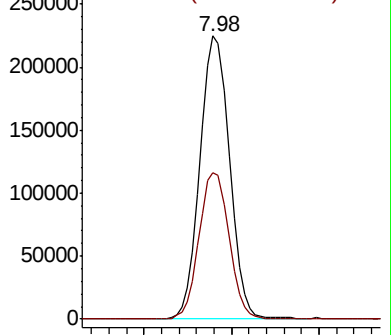
168 100

99 51.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.264 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064717.D

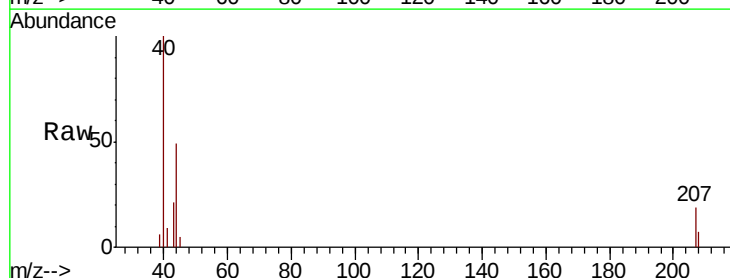
Acq: 02 Jan 2020 15:03

Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

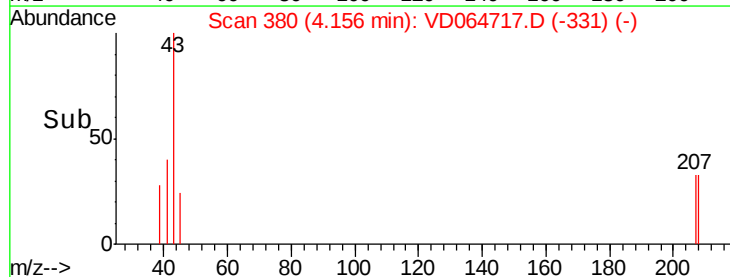
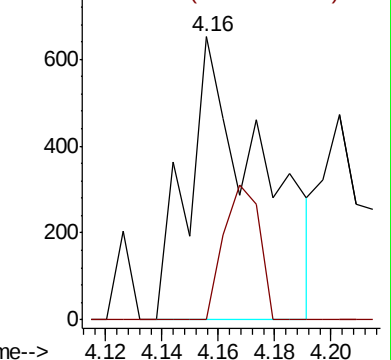
43 100

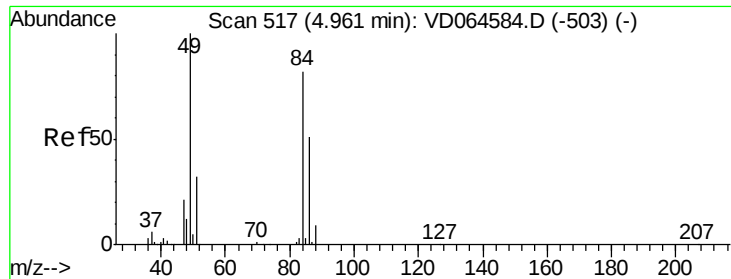
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

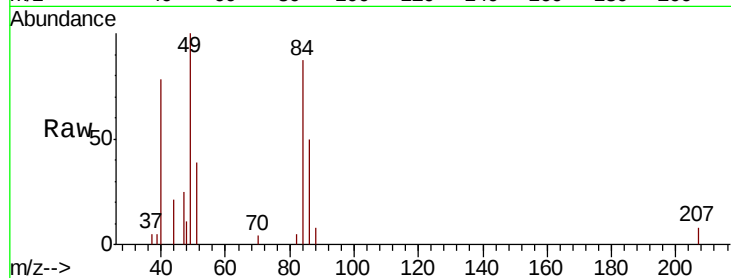




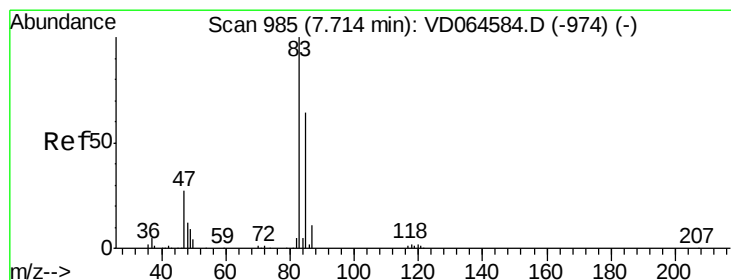
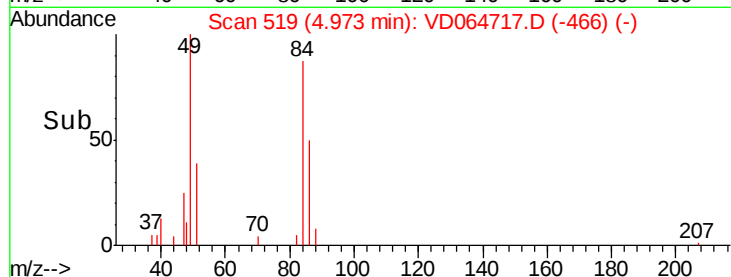
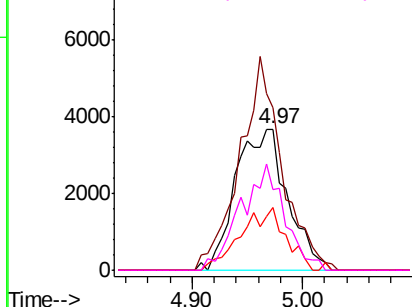
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

Tot Ion: 84 Resp: 12081
Ion Ratio Lower Upper
84 100
49 114.9 97.2 145.8
51 44.8 31.4 47.0
86 57.0 49.3 73.9

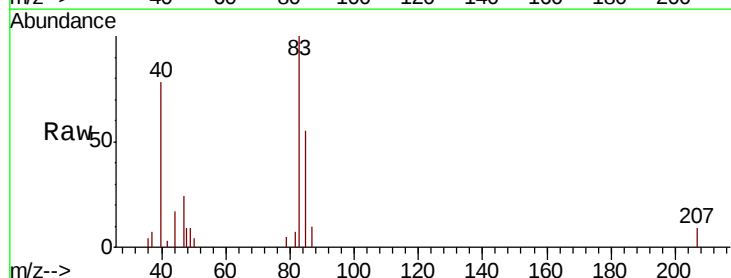


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

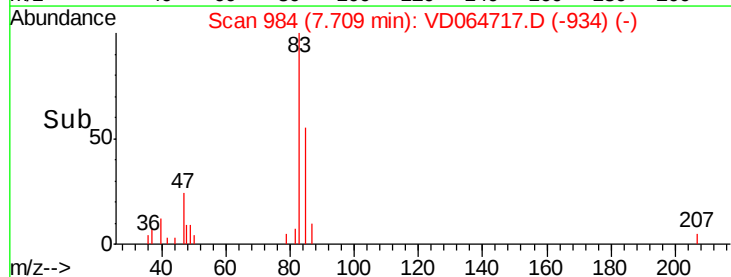
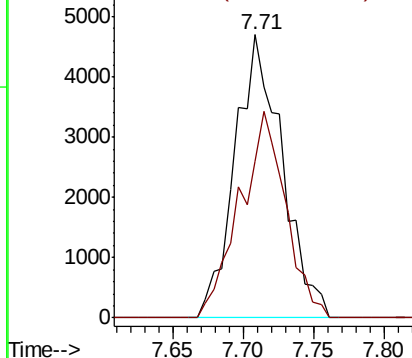


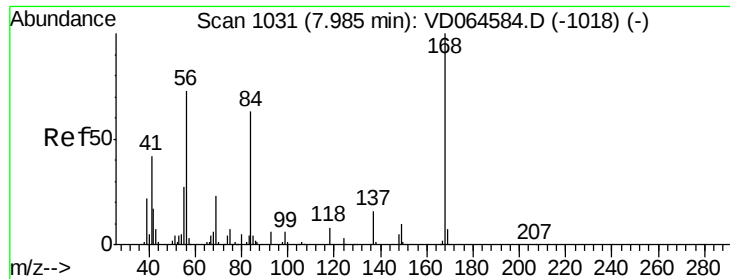
#30
Chloroform
Concen: 1.228 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Tgt Ion: 83 Resp: 10957
Ion Ratio Lower Upper
83 100
85 55.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

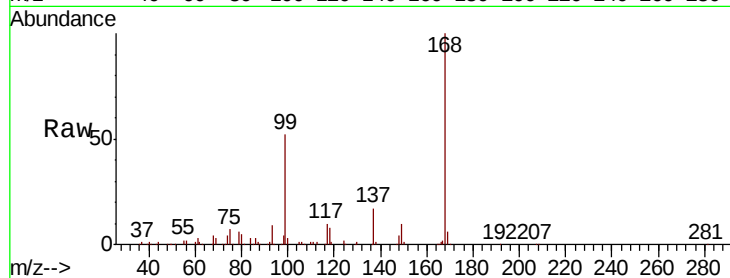




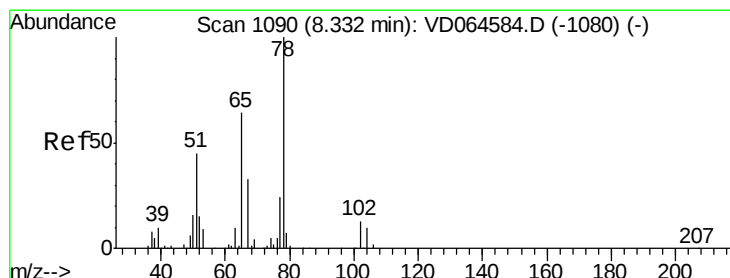
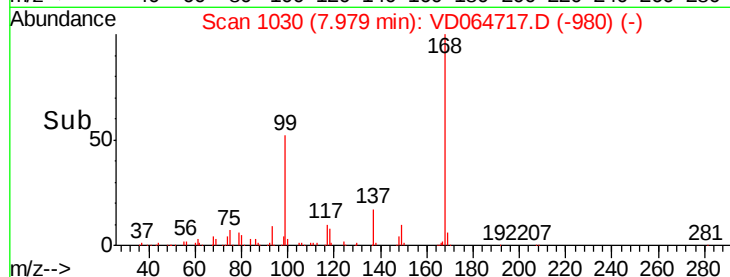
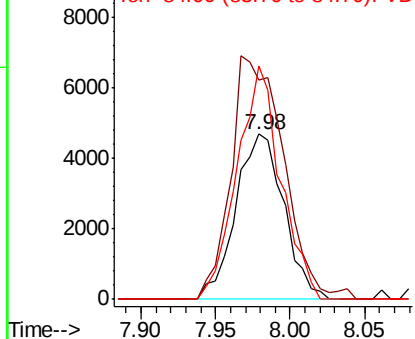
#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

Tot Ion: 56 Resp: 10482
Ion Ratio Lower Upper
56 100
69 132.4 24.7 37.1#
84 147.6 69.4 104.2#

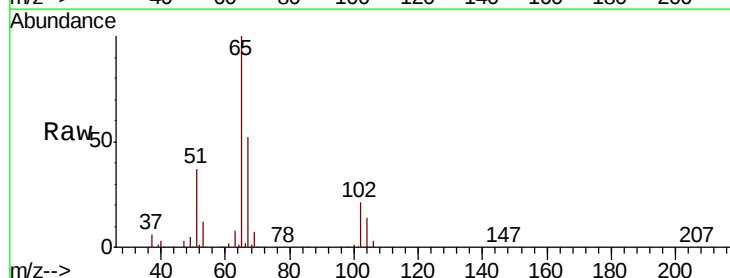


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

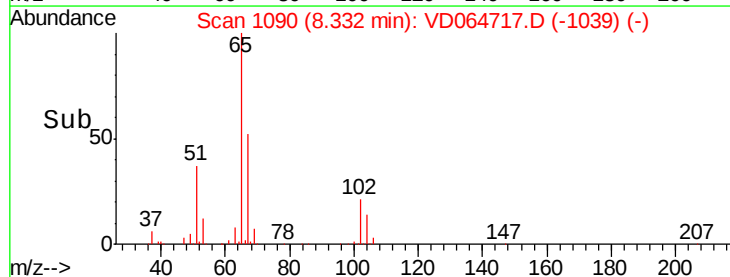
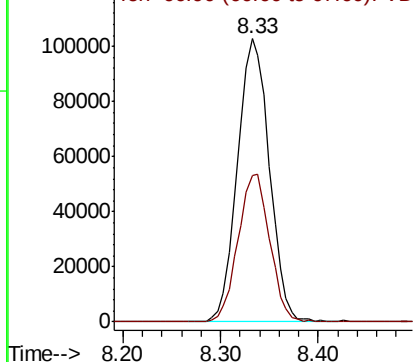


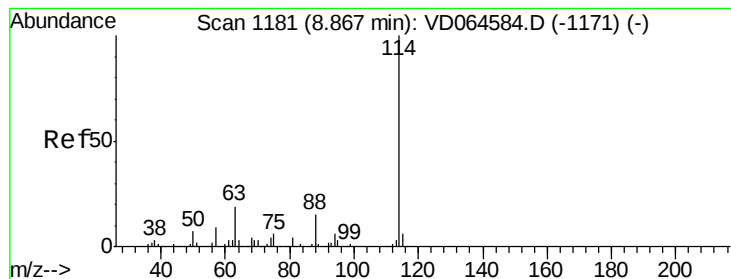
#33
1,2-Dichloroethane-d4
Concen: 51.240 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Tgt Ion: 65 Resp: 233896
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2



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: VD064717.D

Acq: 02 Jan 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

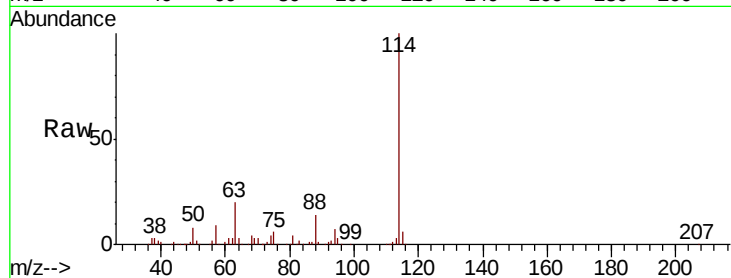
Tot Ion:114 Resp: 802033

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

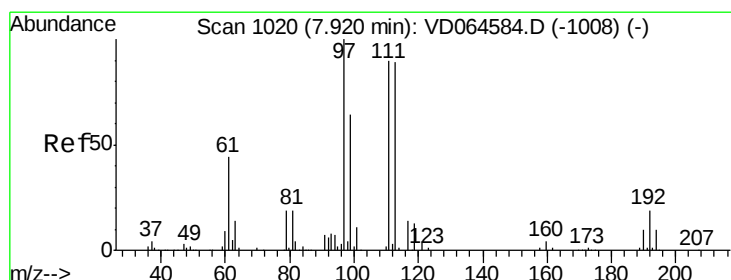
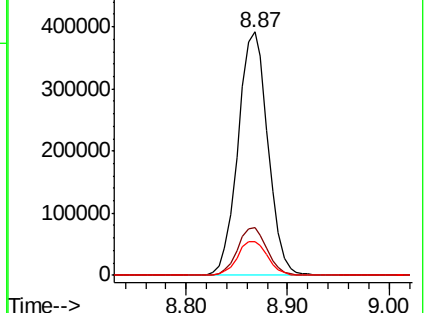
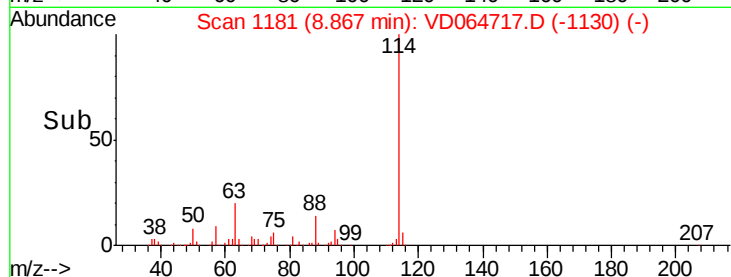
88 13.7 0.0 29.2



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: 49.911 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064717.D

Acq: 02 Jan 2020 15:03

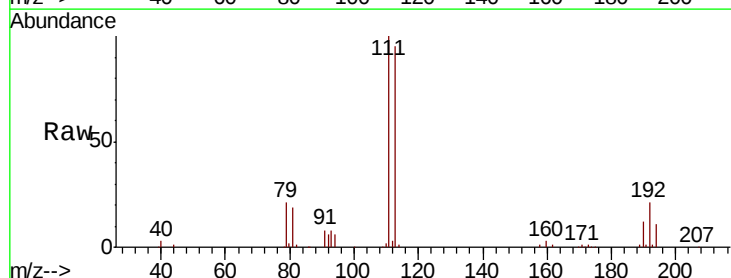
Tgt Ion:113 Resp: 245594

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

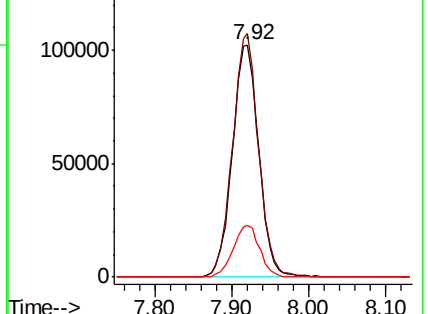
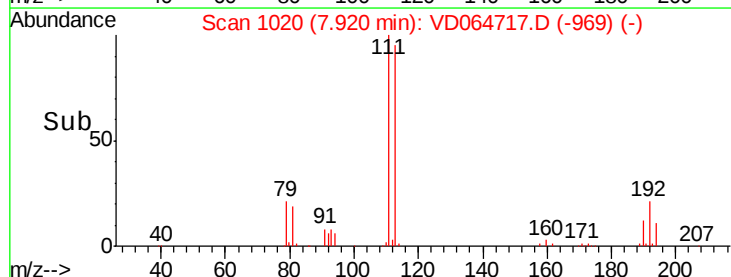
192 22.3 17.9 26.9

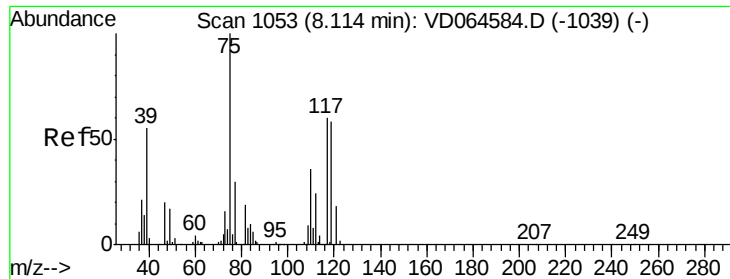


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD064717.D

Acq: 02 Jan 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

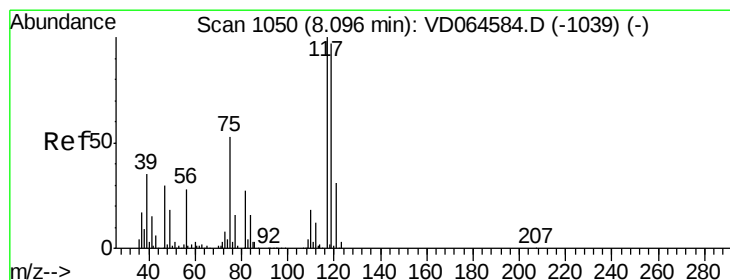
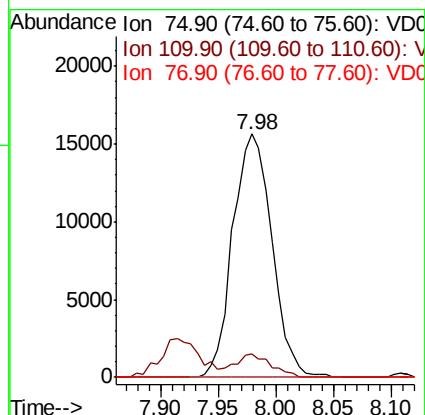
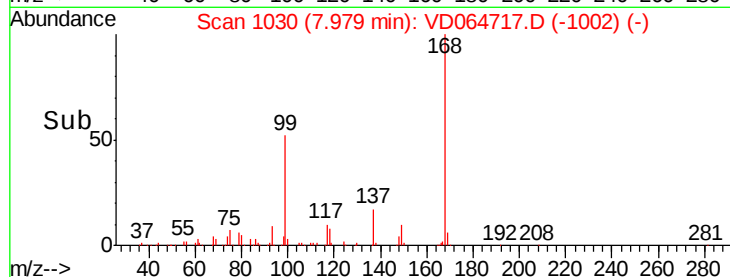
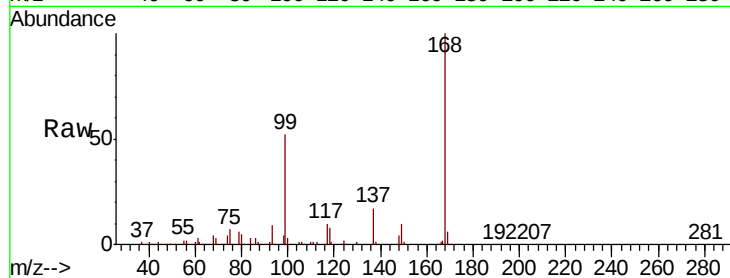
Tot Ion: 75 Resp: 36853

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.1#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.955 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064717.D

Acq: 02 Jan 2020 15:03

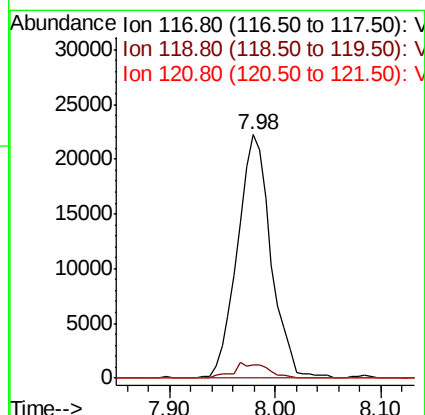
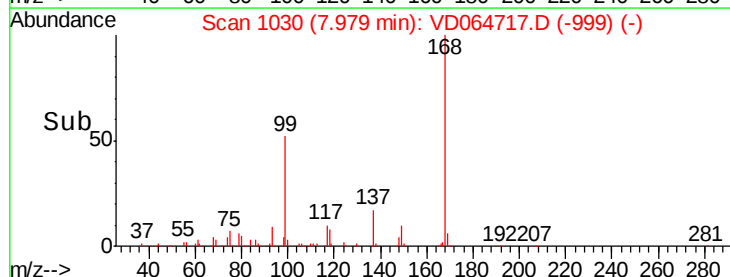
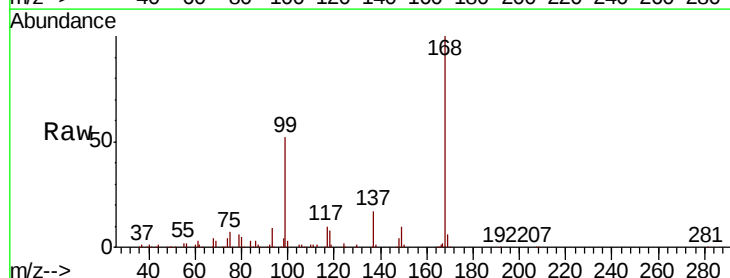
Tgt Ion: 117 Resp: 49019

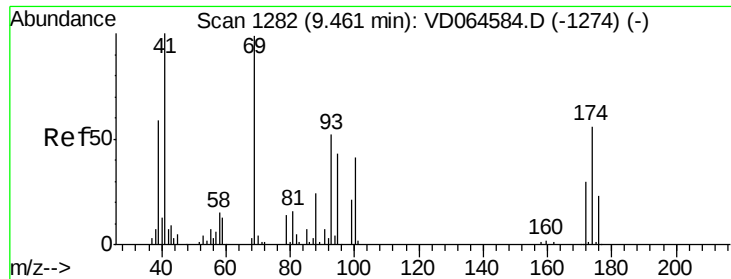
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 25.0 37.6#

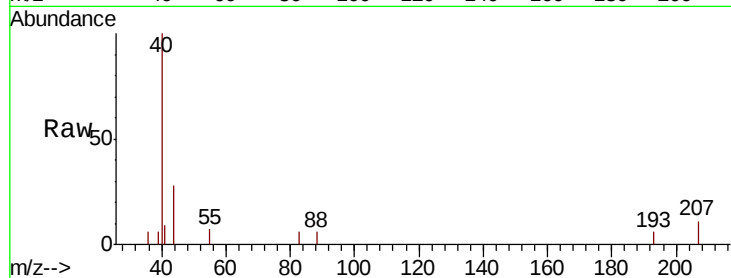




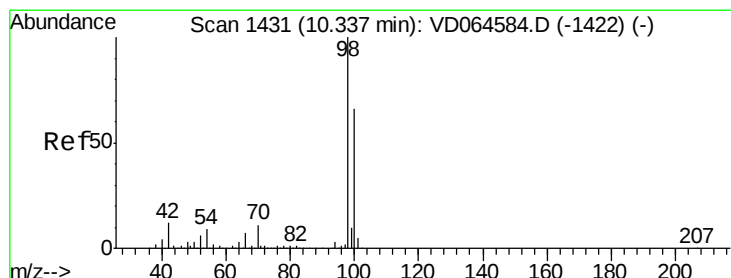
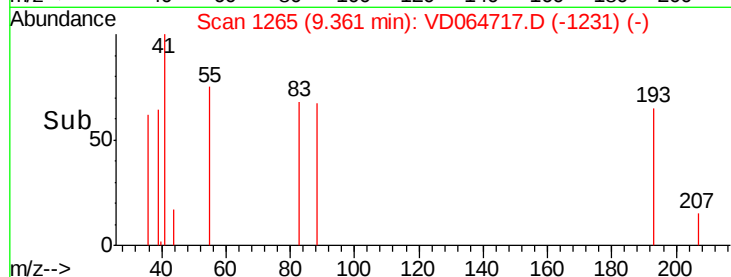
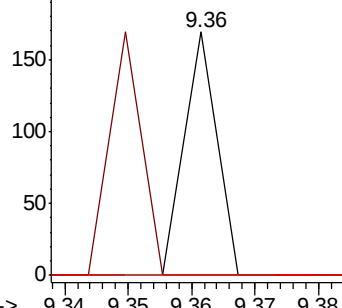
#49
1,4-Dioxane
Concen: 1.855 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.10 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

Tot Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 100.0 27.7 41.5#
58 0.0 53.8 80.6#

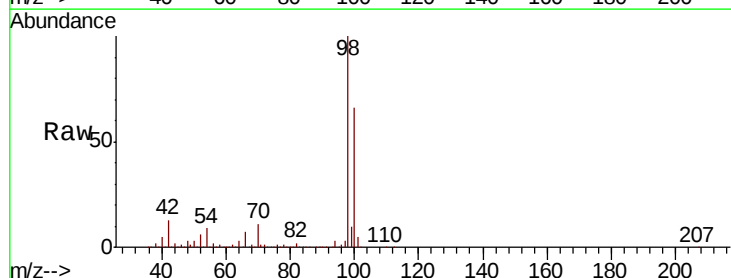


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

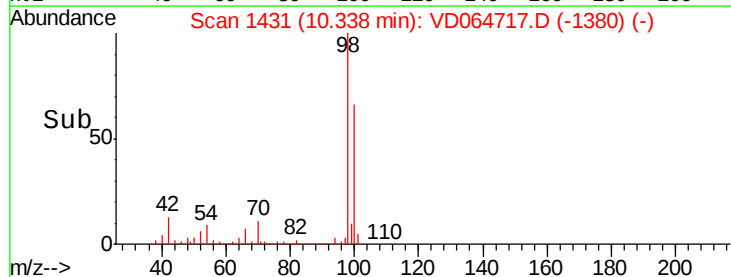
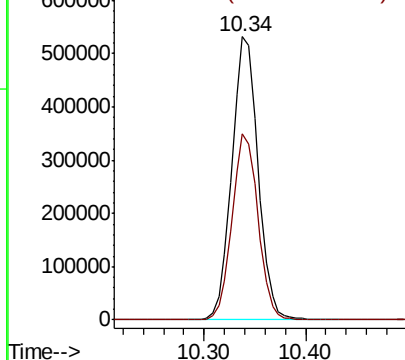


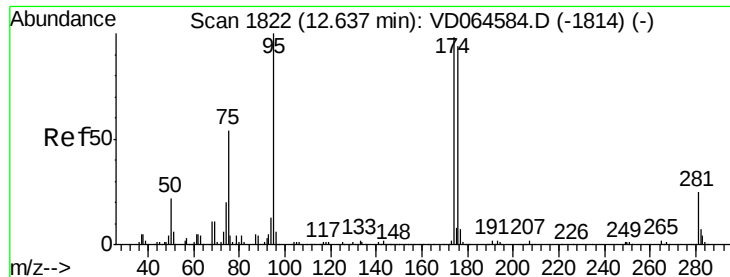
#50
Toluene-d8
Concen: 50.705 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Tgt Ion: 98 Resp: 955560
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

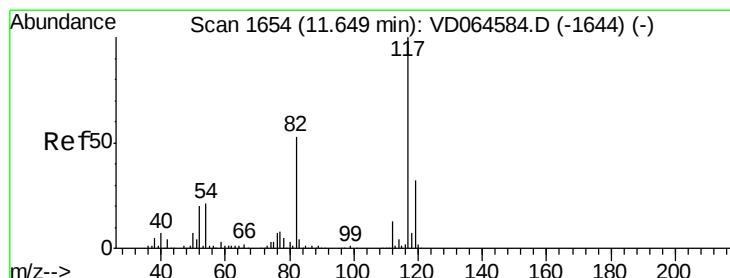
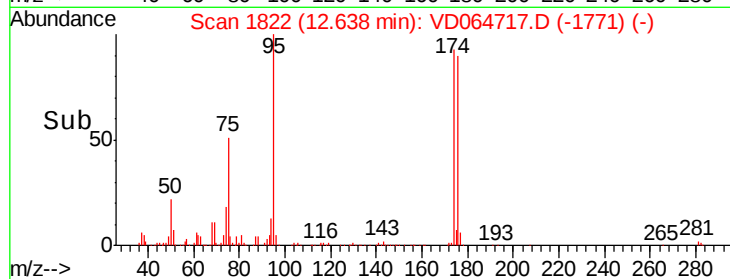
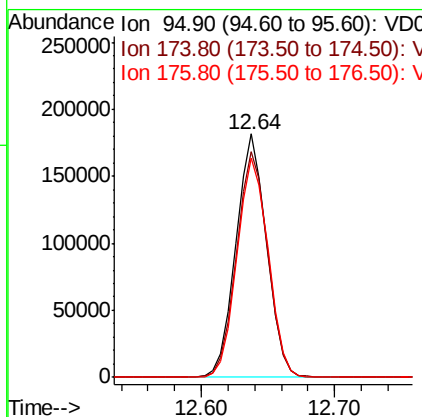
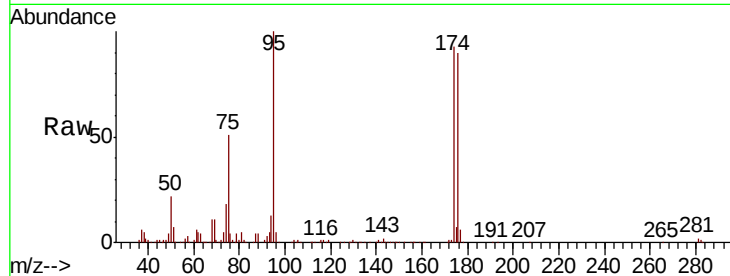




#62
4-Bromofluorobenzene
Concen: 48.494 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

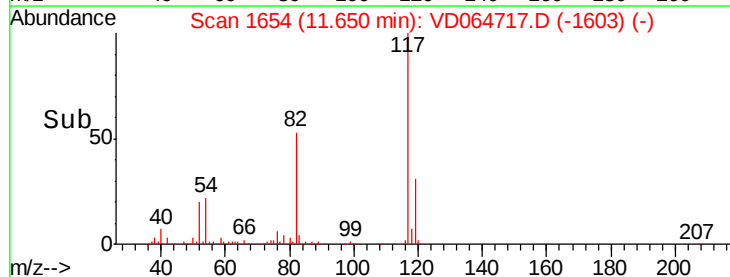
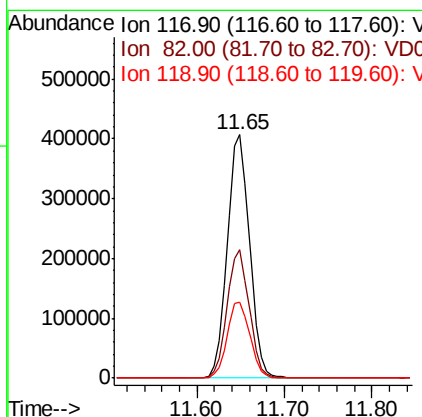
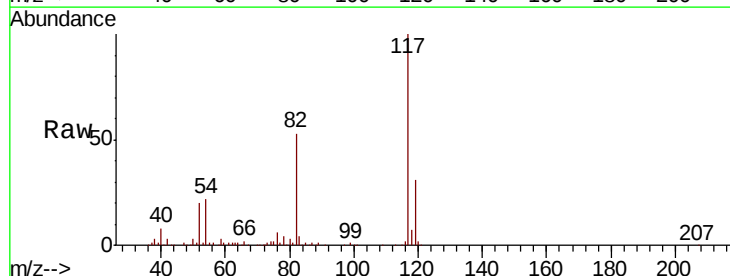
Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

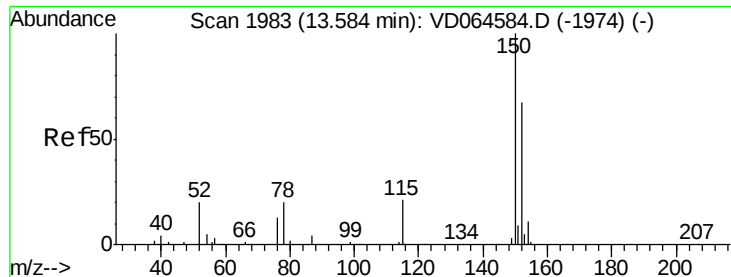
Tot Ion: 95 Resp: 288982
Ion Ratio Lower Upper
95 100
174 93.7 0.0 193.2
176 91.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064717.D
Acq: 02 Jan 2020 15:03

Tgt Ion: 117 Resp: 701181
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 31.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064717.D

Acq: 02 Jan 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

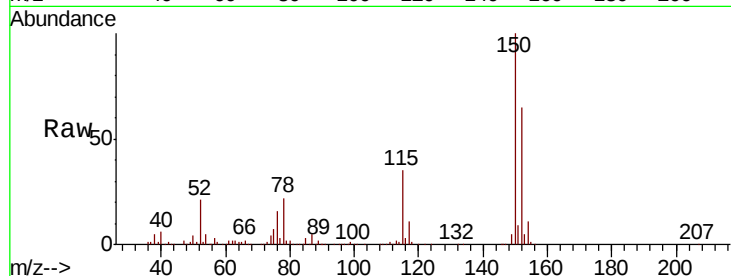
Tot Ion:152 Resp: 324241

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.4

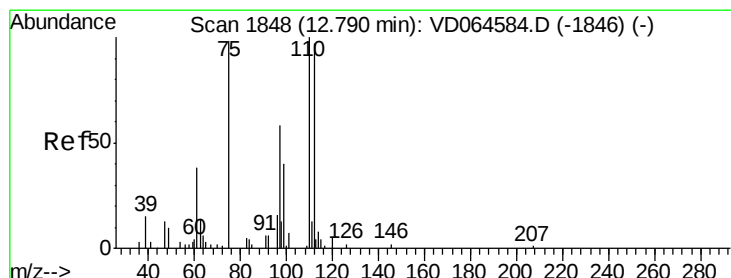
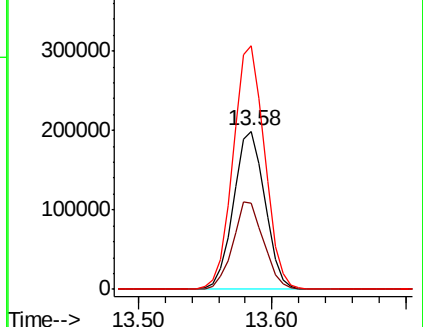
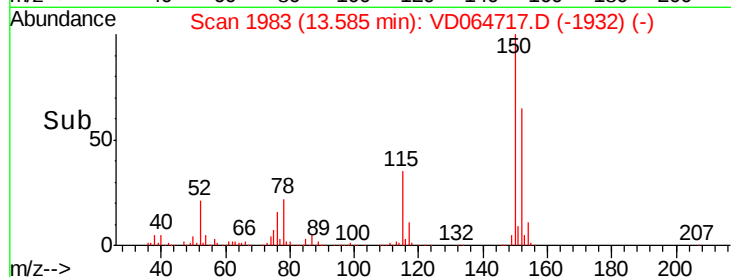
150 154.7 0.0 351.4



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: 60.070 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064717.D

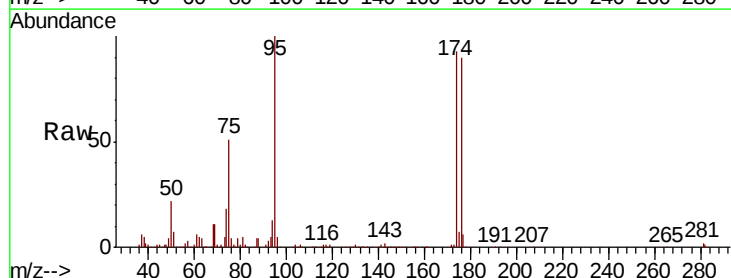
Acq: 02 Jan 2020 15:03

Tgt Ion: 75 Resp: 153803

Ion Ratio Lower Upper

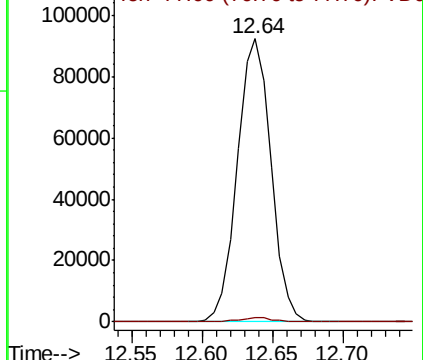
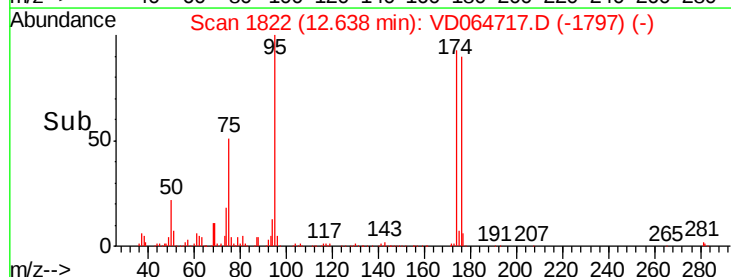
75 100

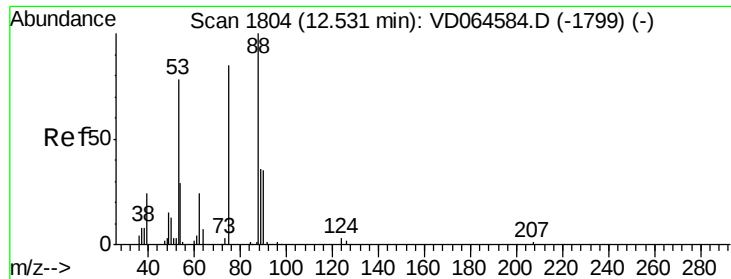
77 1.3 0.0 0.0#



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: 125.634 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064717.D

Acq: 02 Jan 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

Tot Ion: 75 Resp: 153803

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

