

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010620\
 Data File : VD064782.D
 Acq On : 06 Jan 2020 19:34
 Operator : VA/SY
 Sample : K6482-05RE
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 07 00:38:18 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

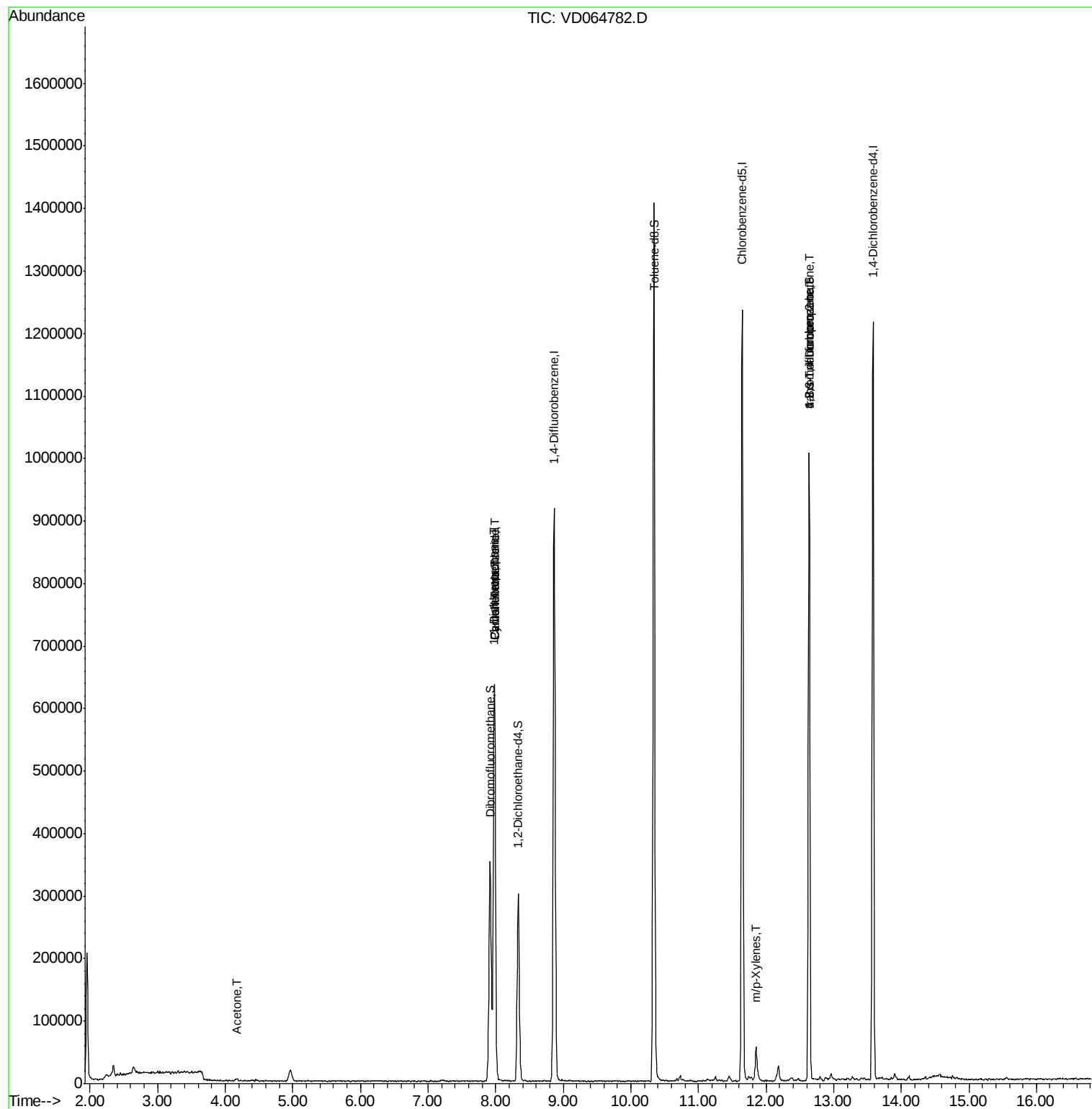
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	703939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237356	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.92	113	243197	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.34	98	944229	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	293975	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
16) Acetone	4.17	43	4927	8.848	ug/l #	78
20) Methylene Chloride	4.96	84	13463	Below Cal		90
31) Cyclohexane	7.98	56	10192	1.237	ug/l #	8
36) 1,1-Dichloropropene	7.97	75	37175	4.918	ug/l #	49
38) Carbon Tetrachloride	7.98	117	46737	5.799	ug/l #	15
68) m/p-Xylenes	11.86	106	15916	1.555	ug/l	91
76) 1,2,3-Trichloropropane	12.64	75	157349	60.034	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	157349	125.558	ug/l #	10

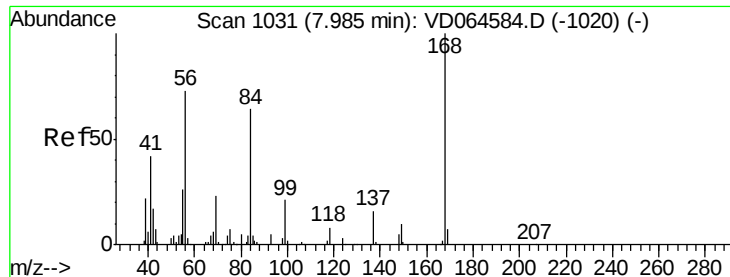
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010620\
Data File : VD064782.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jan 07 00:38:18 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# 1031

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

Instrument :

MSVOA_D

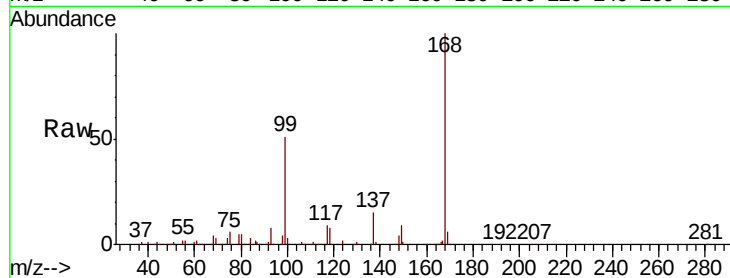
ClientSampleId :

Tot Ion:168 Resp: 501285

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

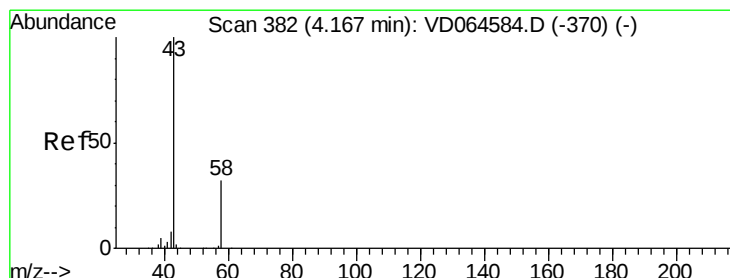
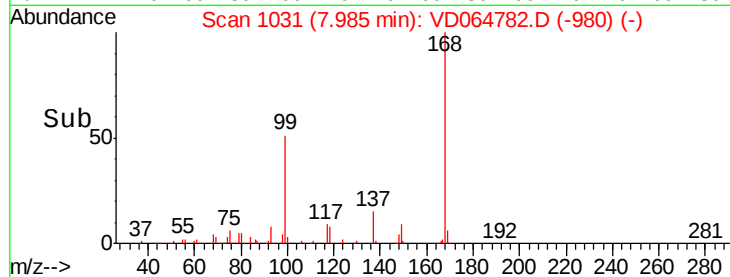
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.848 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064782.D

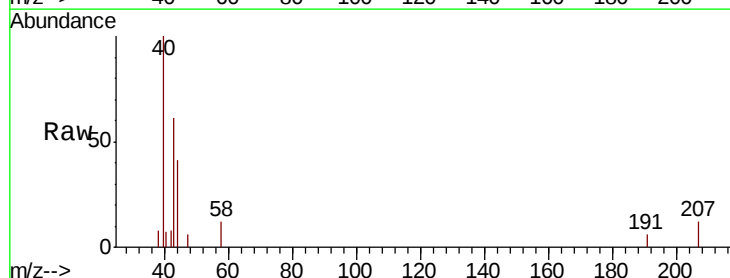
Acq: 06 Jan 2020 19:34

Tgt Ion: 43 Resp: 4927

Ion Ratio Lower Upper

43 100

58 20.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

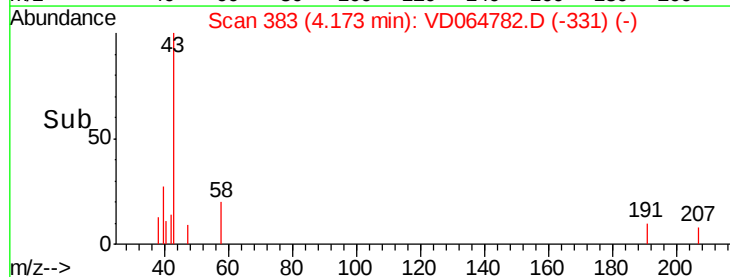
1500

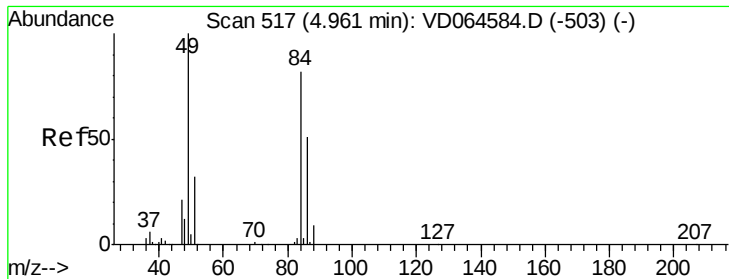
1000

500

0

Time-->

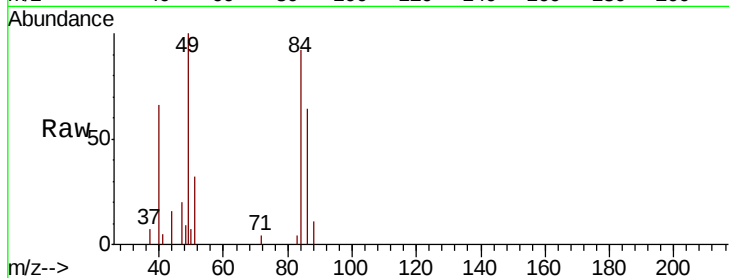




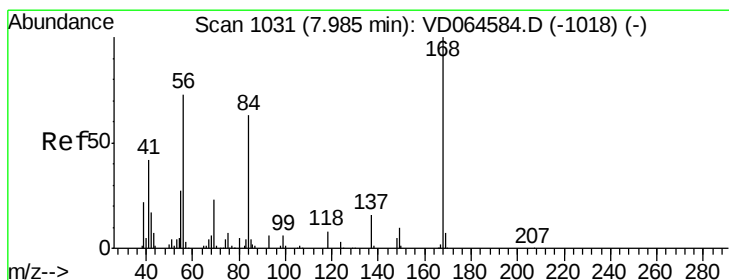
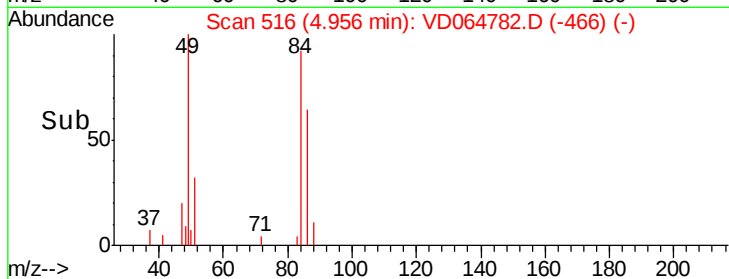
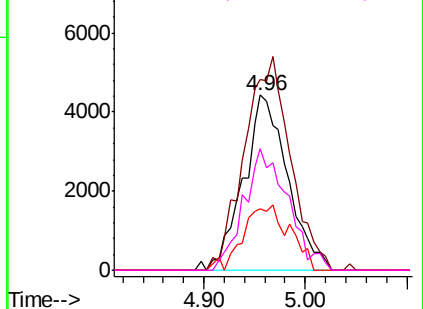
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 13463
Ion Ratio Lower Upper
84 100
49 108.8 97.2 145.8
51 35.3 31.4 47.0
86 69.5 49.3 73.9

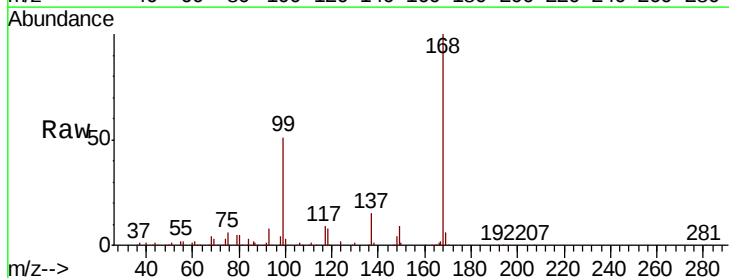


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

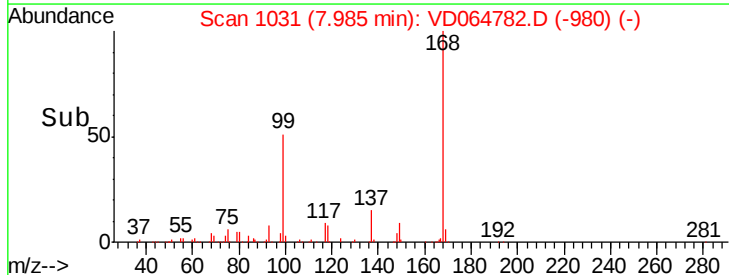
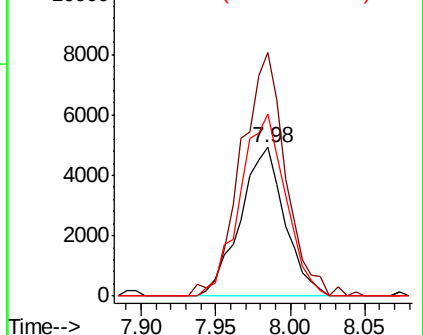


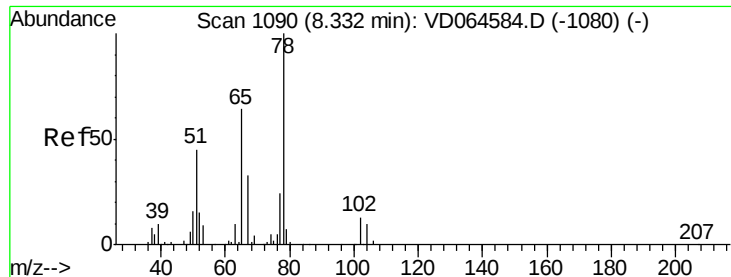
#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Tgt Ion: 56 Resp: 10192
Ion Ratio Lower Upper
56 100
69 163.6 24.7 37.1#
84 122.8 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

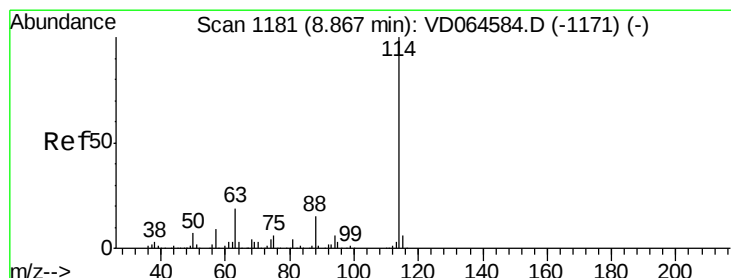
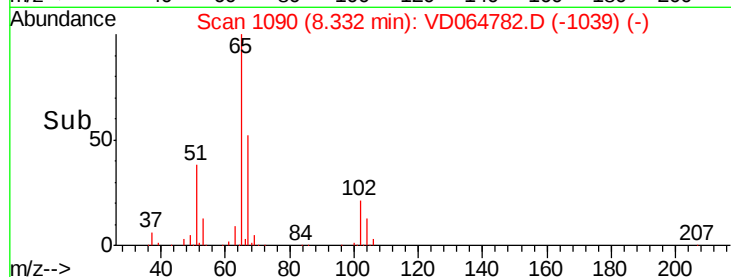
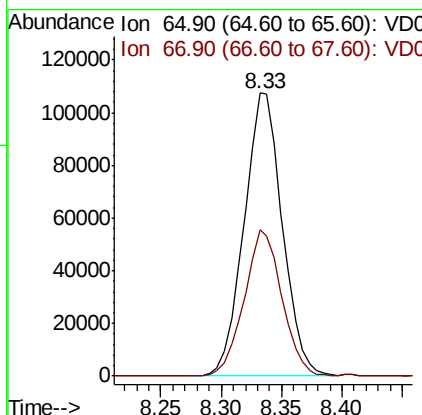
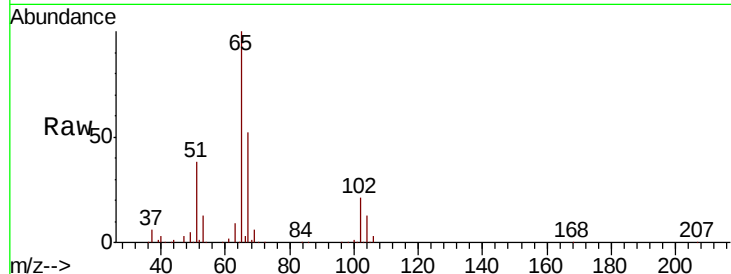




#33
 1,2-Dichloroethane-d4
 Concen: 53.697 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

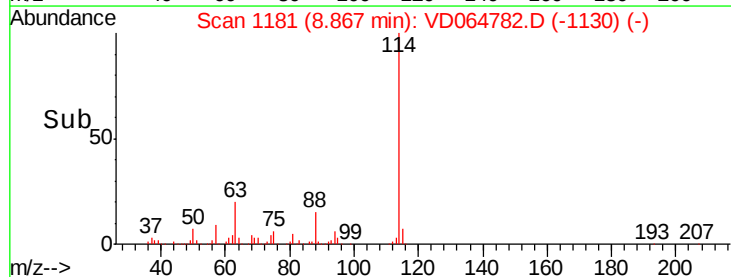
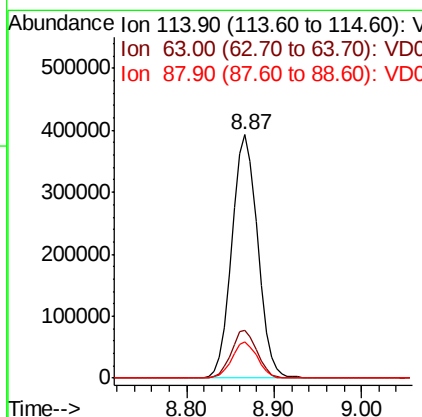
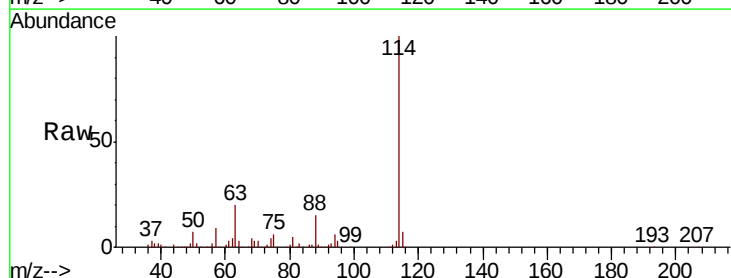
Instrument :
 MSVOA_D
 ClientSampleId :

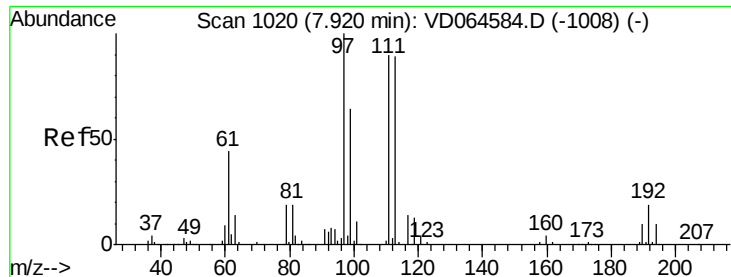
Tot Ion: 65 Resp: 237356
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Tgt Ion: 114 Resp: 785355
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.8 0.0 29.2

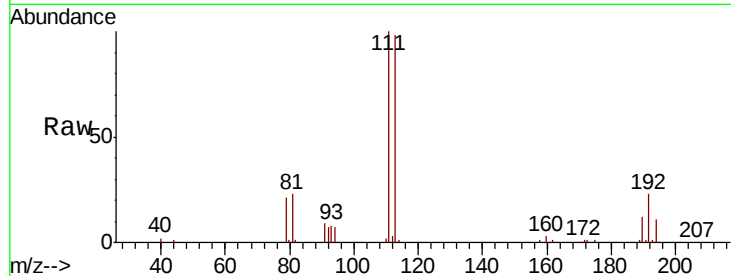




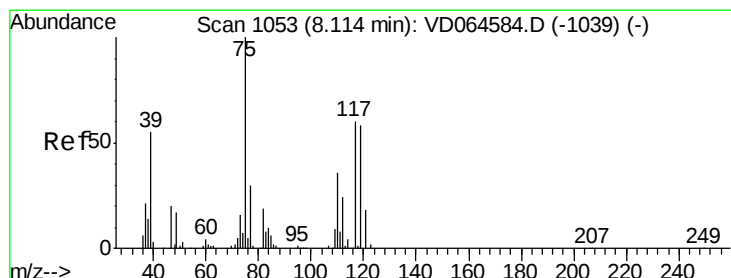
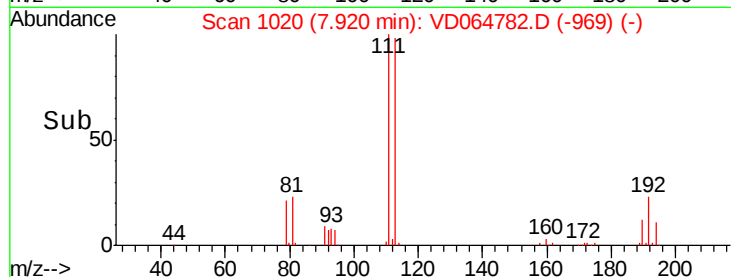
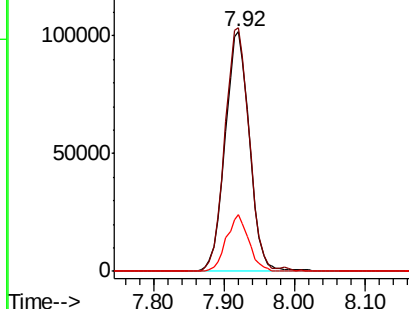
#35
 Dibromofluoromethane
 Concen: 50.474 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.6	121.0
192	21.8	17.9	26.9

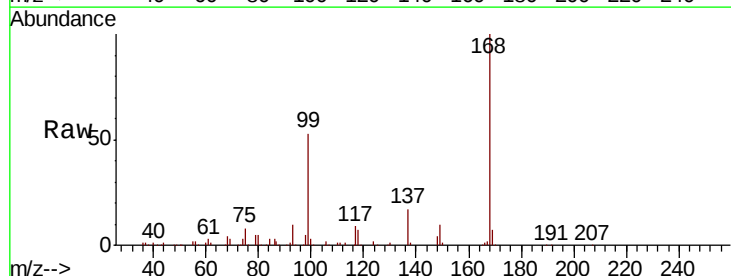


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

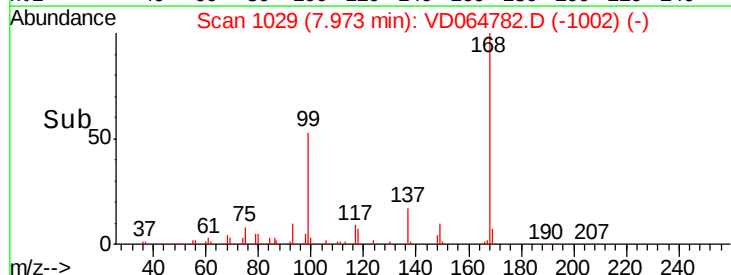
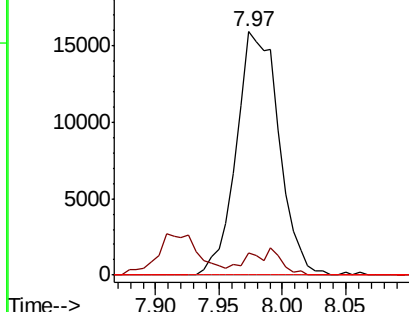


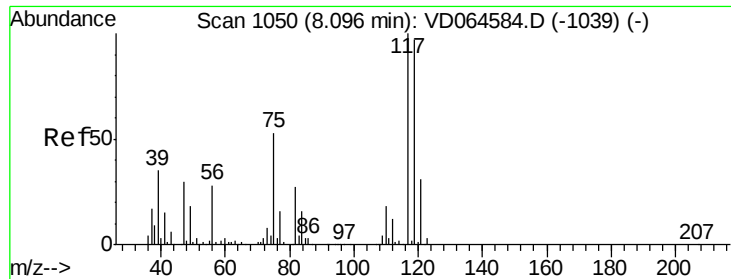
#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

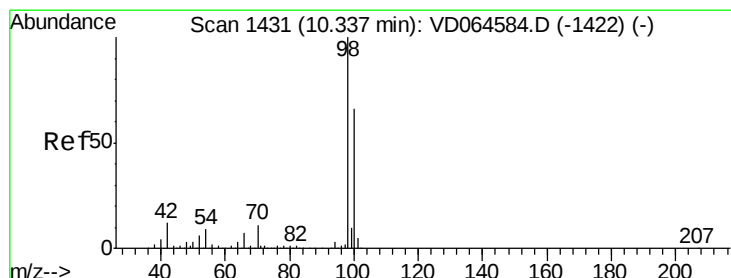
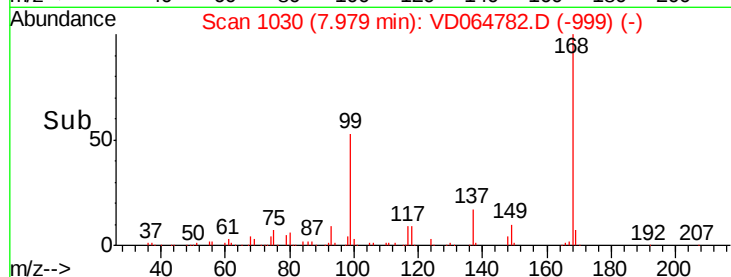
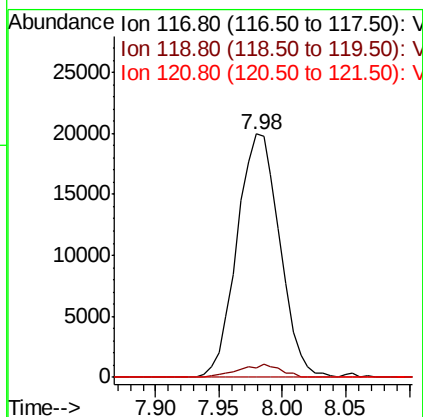
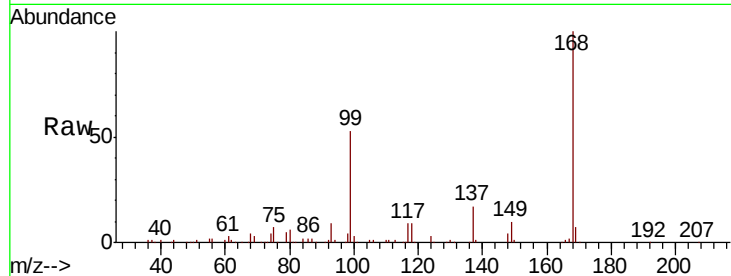




#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

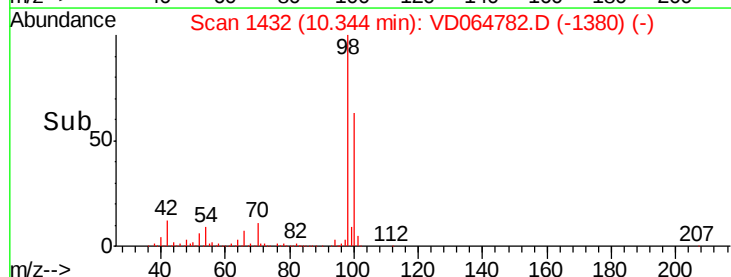
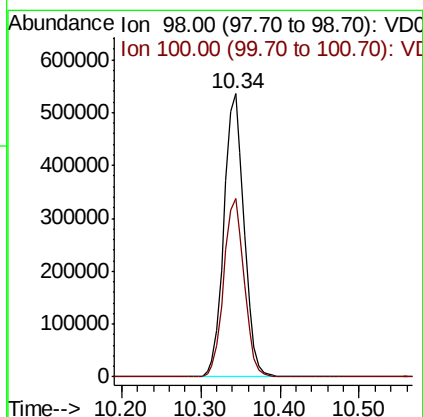
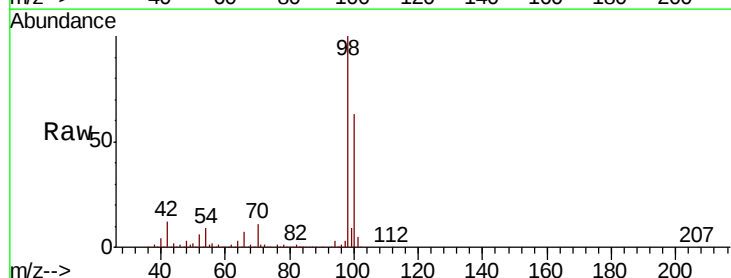
Instrument :
MSVOA_D
ClientSampleId :

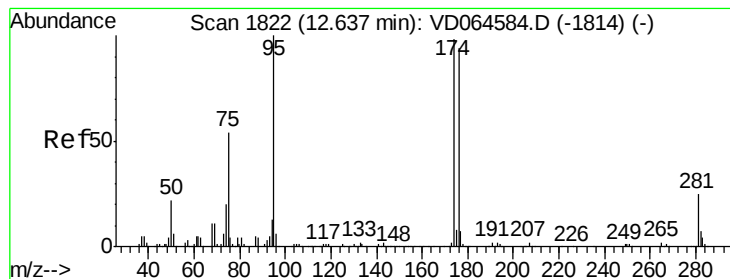
Tot Ion:117 Resp: 46737
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.168 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Tgt Ion: 98 Resp: 944229
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.380 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

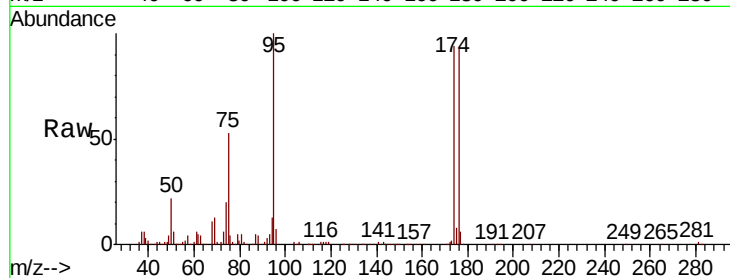
Tot Ion: 95 Resp: 293975

Ion Ratio Lower Upper

95 100

174 93.5 0.0 193.2

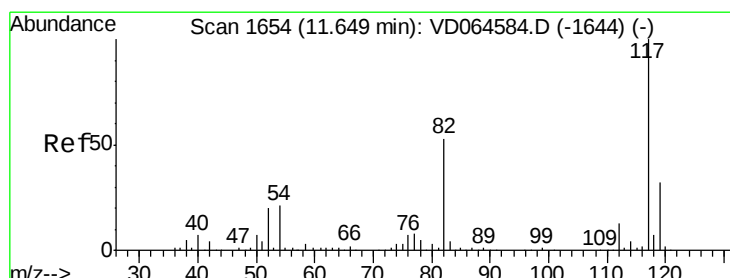
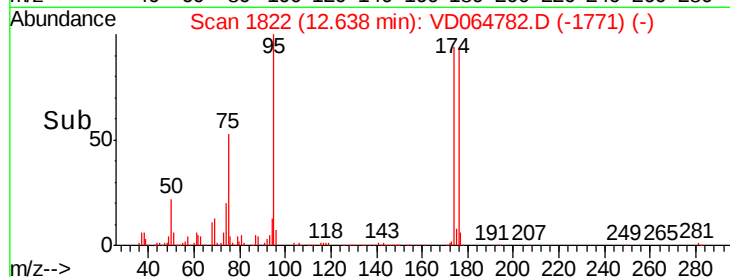
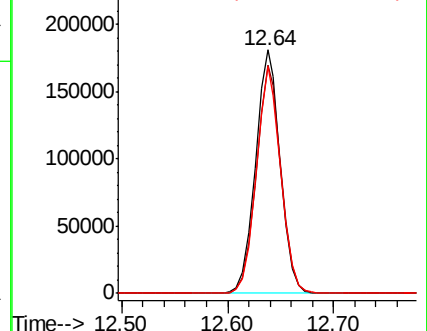
176 91.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

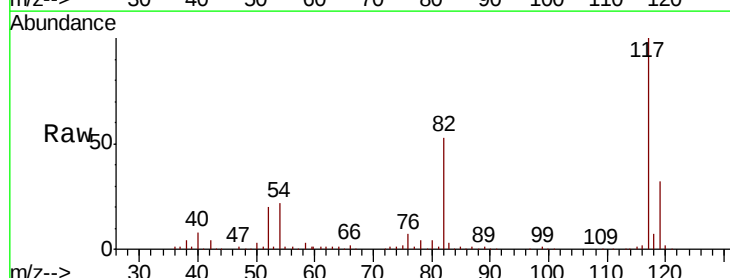
Tgt Ion: 117 Resp: 703939

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

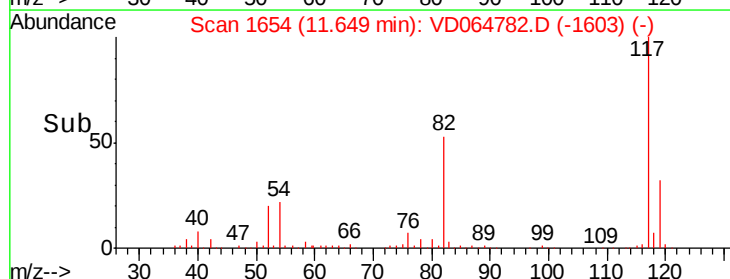
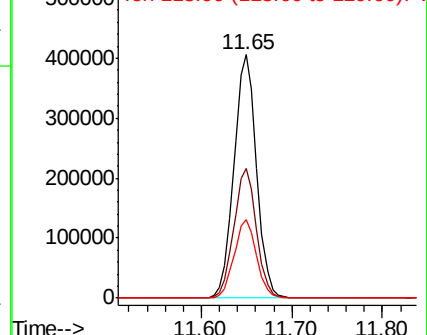
119 32.1 26.0 39.0

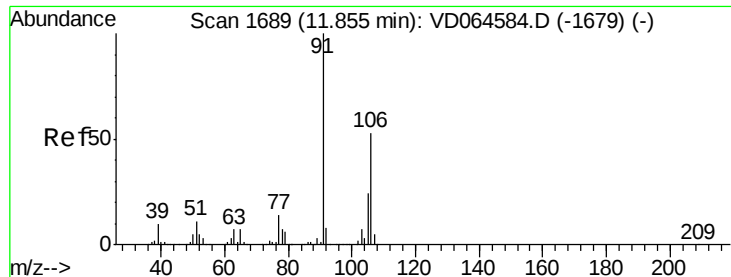


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC

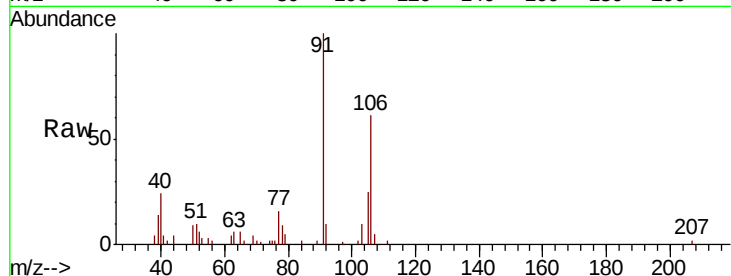




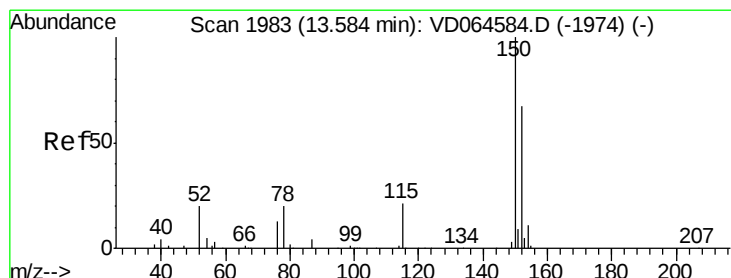
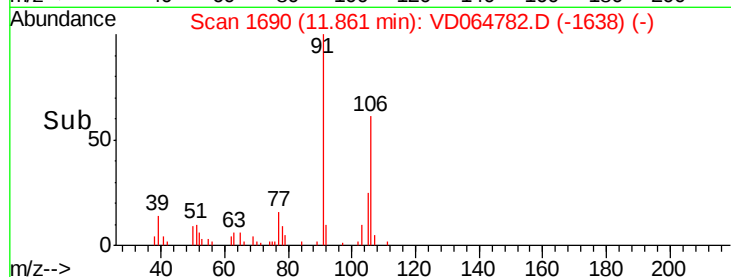
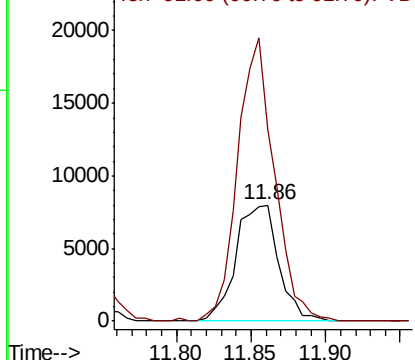
#68
m/p-Xvlenes
Concen: 1.555 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 15916
Ion Ratio Lower Upper
106 100
91 209.5 156.3 234.5

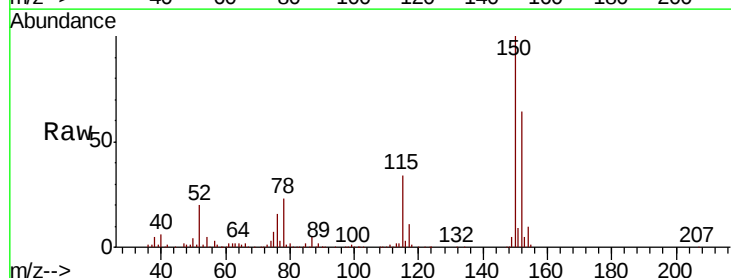


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

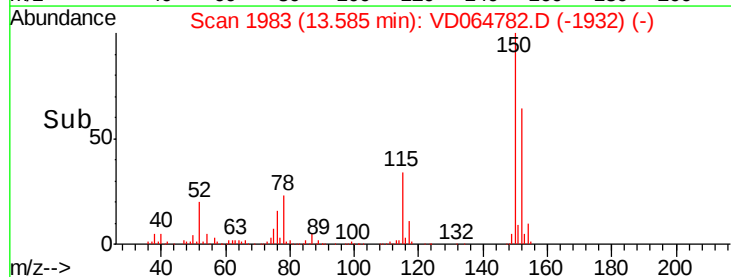
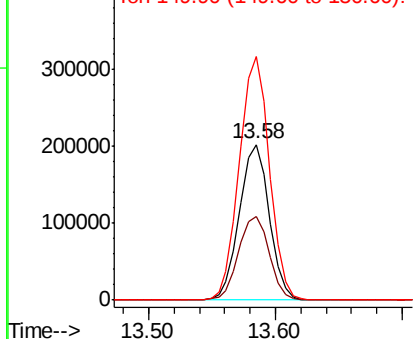


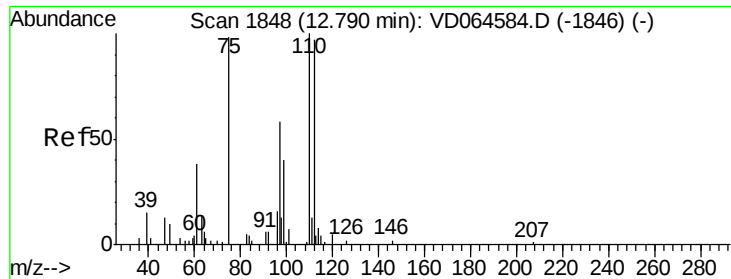
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Tgt Ion:152 Resp: 331916
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.3 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

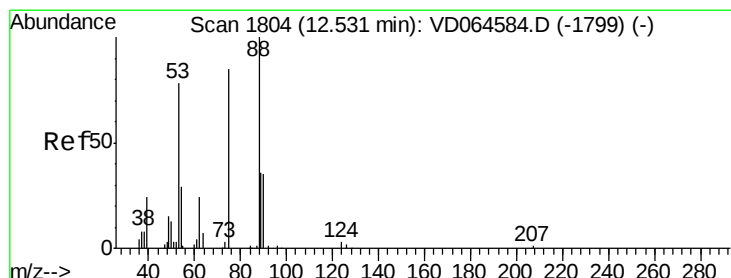
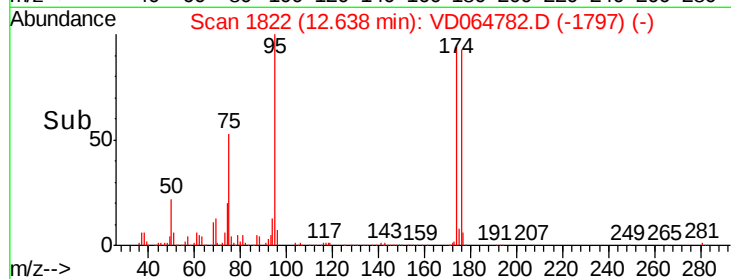
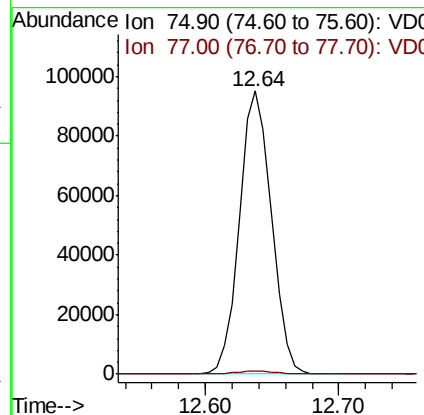
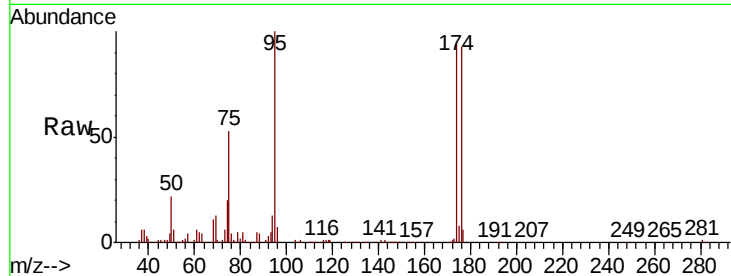




#76
 1,2,3-Trichloropropane
 Concen: 60.034 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 157349
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.558 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Tgt Ion: 75 Resp: 157349
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.8 118.2#
 89 0.0 38.3 57.5#

