

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064277.D
 Acq On : 18 Nov 2019 21:17
 Operator : VA/SY
 Sample : K5920-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:40:38 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	966473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1407397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1195728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	562032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	397414	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	7.92	113	425814	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.34	98	1627894	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.64	95	509680	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	

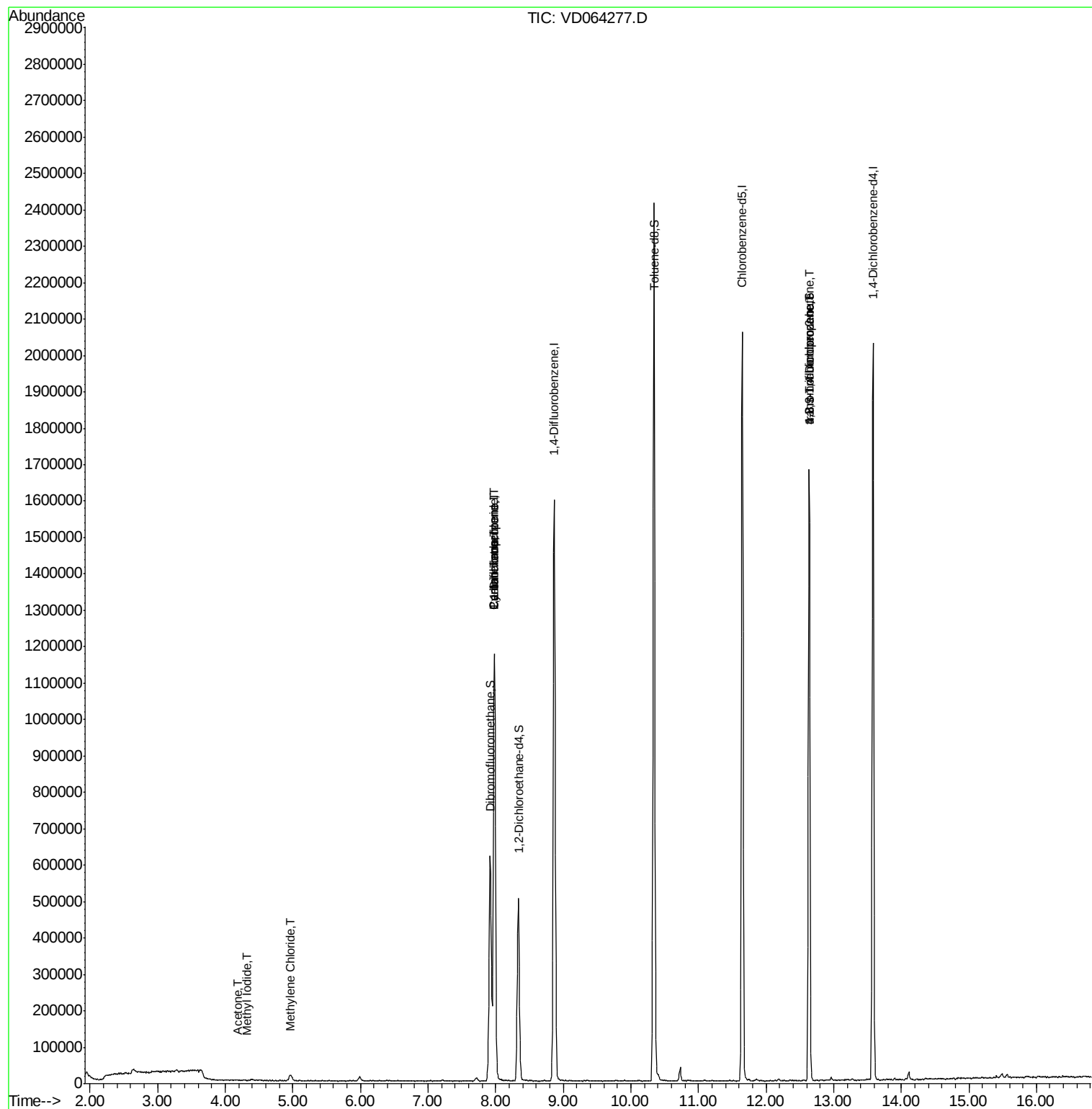
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	62	2.037	ug/l #	41
16) Acetone	4.18	43	2466	1.310	ug/l #	50
20) Methylene Chloride	4.96	84	11584	1.218	ug/l	88
31) Cyclohexane	7.98	56	17838	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	63542	4.892	ug/l #	48
38) Carbon Tetrachloride	7.98	117	85588	6.158	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	266802	58.936	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	266802	117.070	ug/l #	10

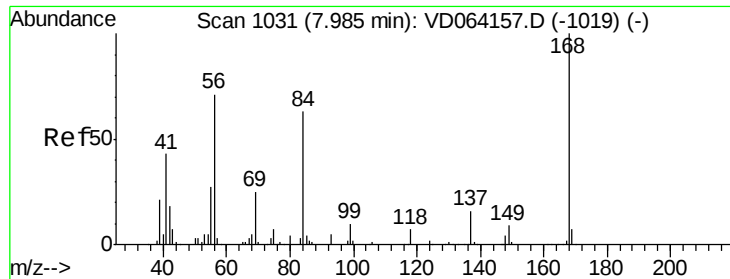
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064277.D
Acq On : 18 Nov 2019 21:17
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Quant Time: Nov 19 04:40:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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# 1030

Delta R.T. -0.01 min

Lab File: VD064277.D

Acq: 18 Nov 2019 21:17

Instrument :

MSVOA_D

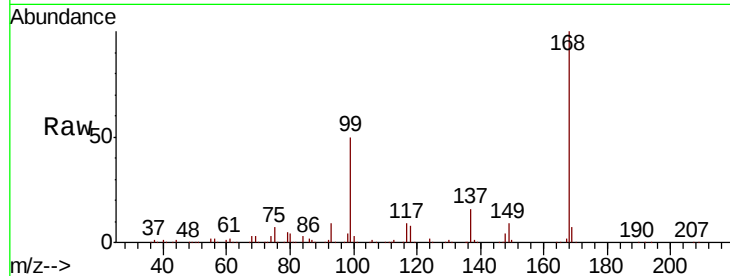
ClientSampleId :

Tot Ion:168 Resp: 966473

Ion Ratio Lower Upper

168 100

99 49.9 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

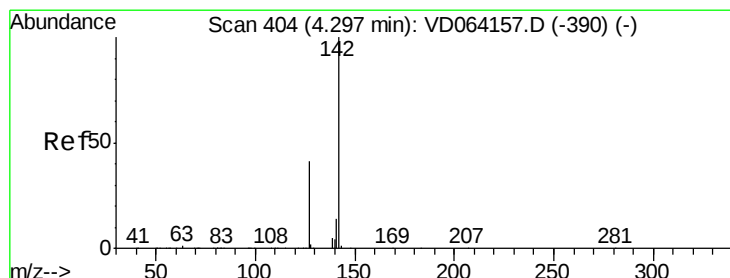
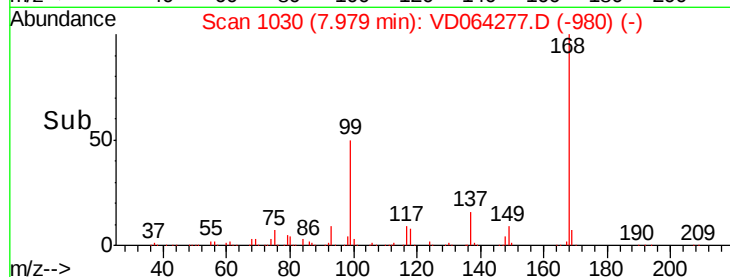
0

Time-->

7.90

8.00

8.10



#10

Methyl Iodide

Concen: 2.037 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.02 min

Lab File: VD064277.D

Acq: 18 Nov 2019 21:17

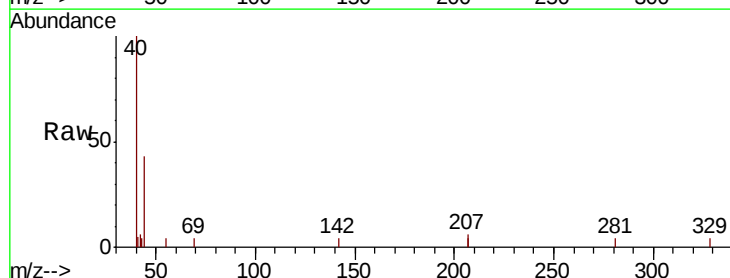
Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

127 0.0 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

4.31

200

150

100

50

0

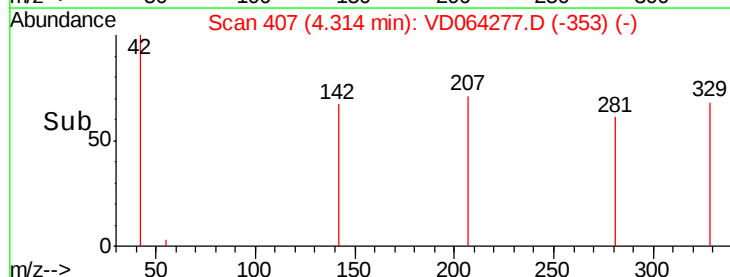
Time-->

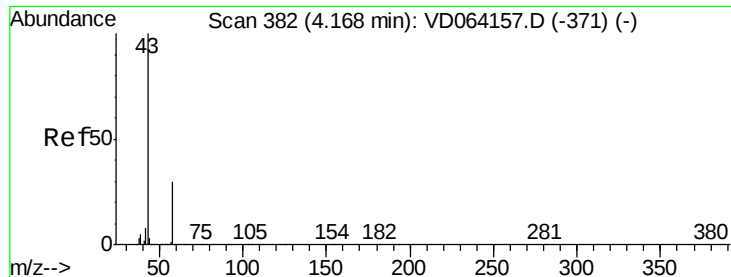
4.30

4.31

4.32

4.33

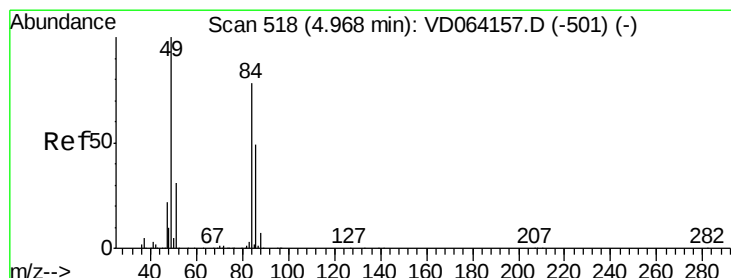
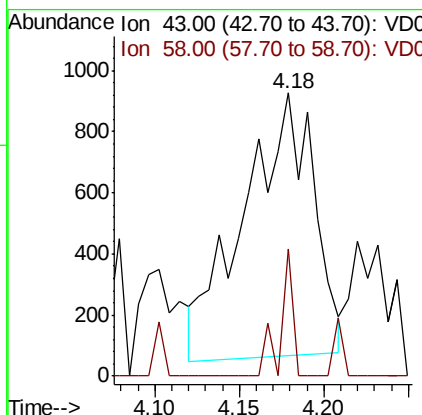
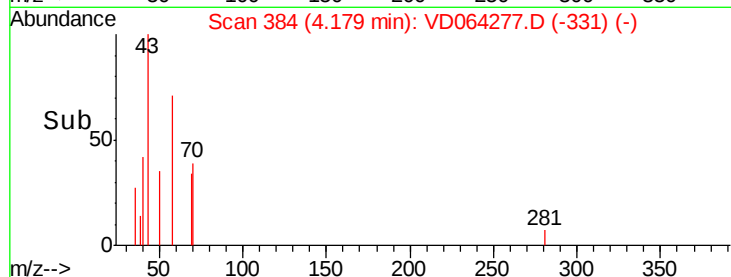
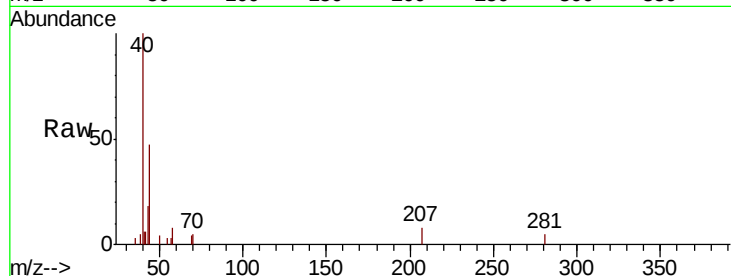




#16
Acetone
Concen: 1.310 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

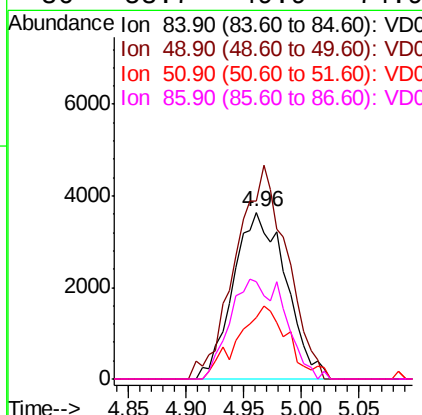
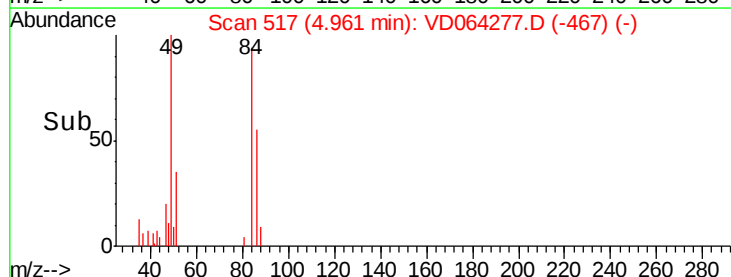
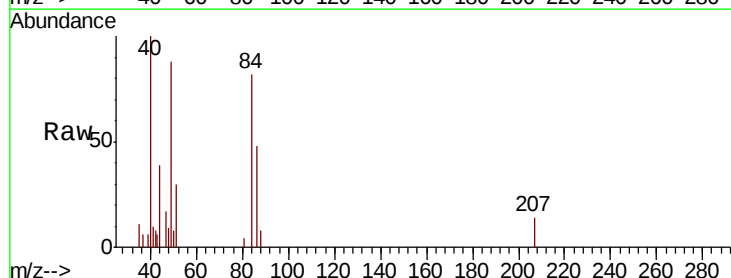
Instrument :
MSVOA_D
ClientSampled :

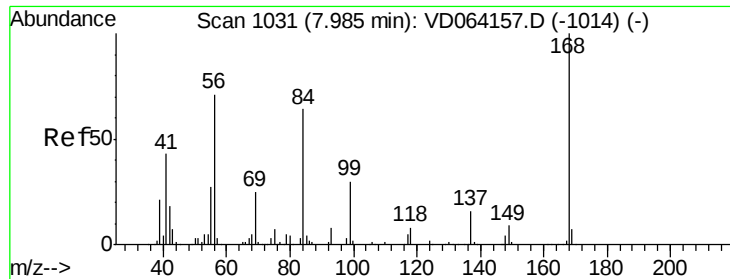
Tot Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
58 57.0 24.1 36.1#



#20
Methylene Chloride
Concen: 1.218 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Tgt Ion: 84 Resp: 11584
Ion Ratio Lower Upper
84 100
49 106.9 102.1 153.1
51 37.0 32.2 48.2
86 58.7 49.9 74.9

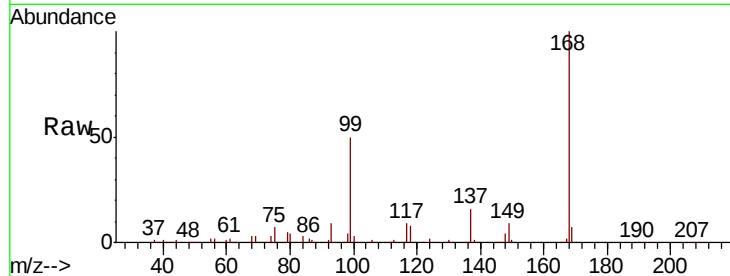




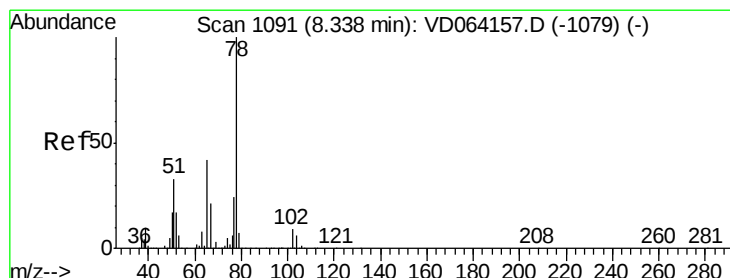
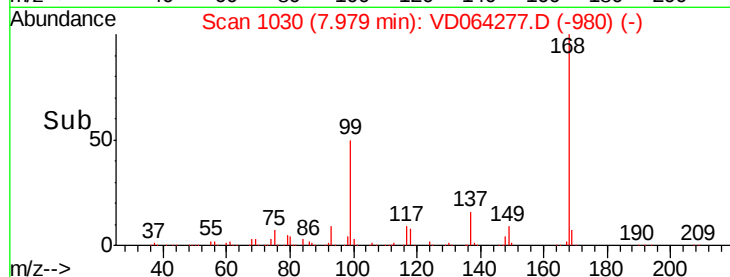
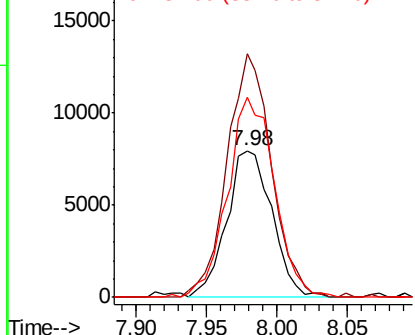
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 17838
Ion Ratio Lower Upper
56 100
69 166.3 28.2 42.4#
84 136.5 71.8 107.6#

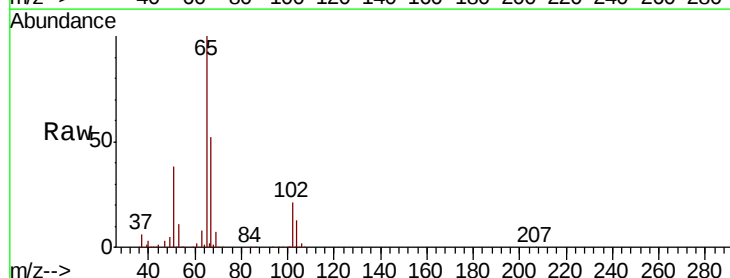


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

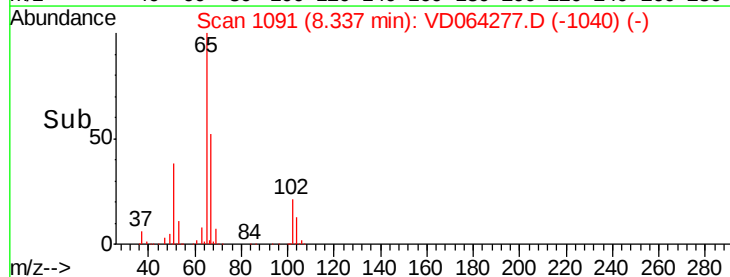
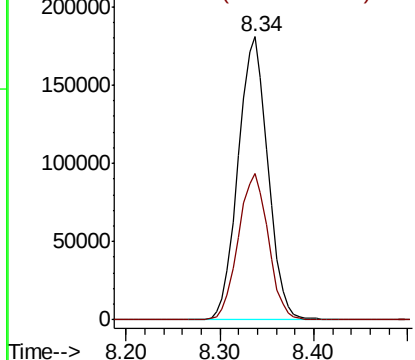


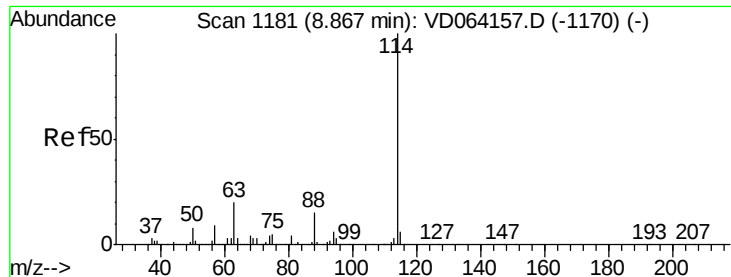
#33
1,2-Dichloroethane-d4
Concen: 49.998 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Tgt Ion: 65 Resp: 397414
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4



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



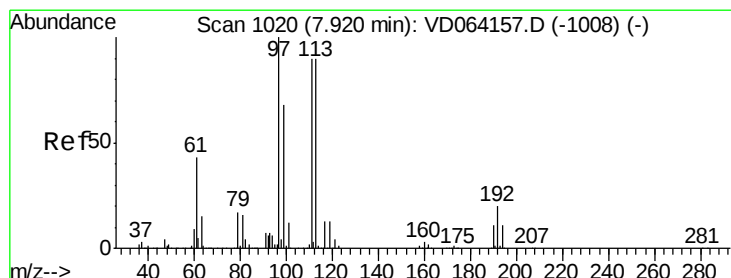
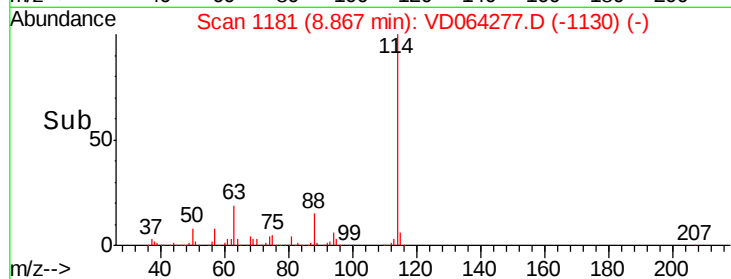
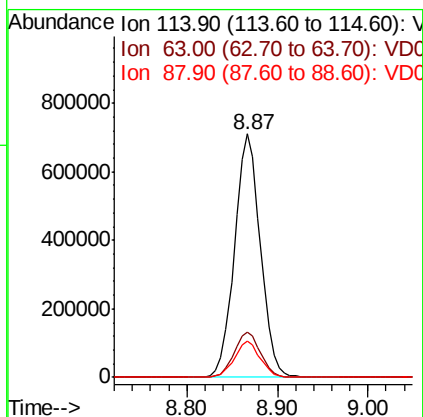
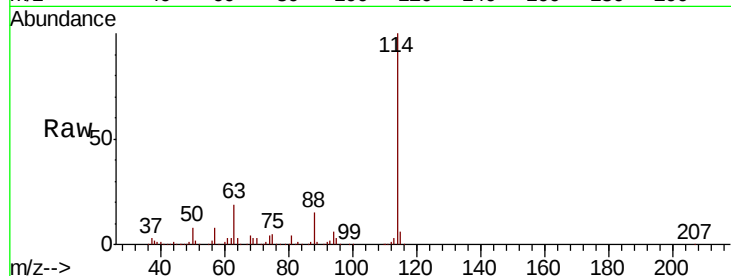


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064277.D
 Acq: 18 Nov 2019 21:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1407397

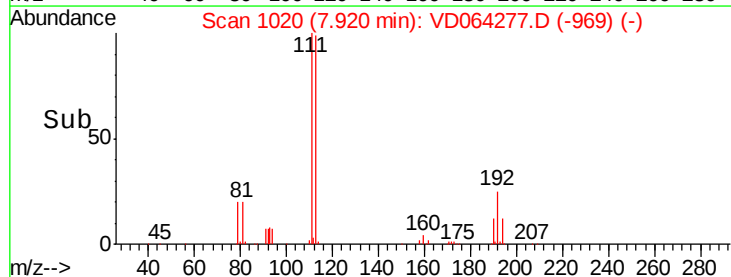
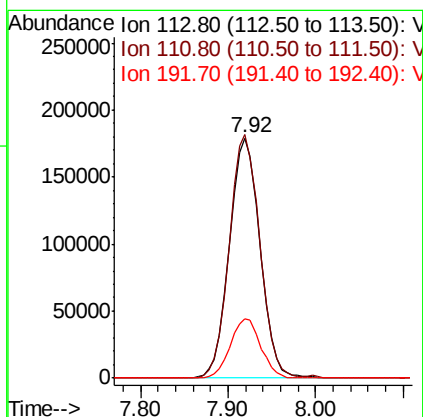
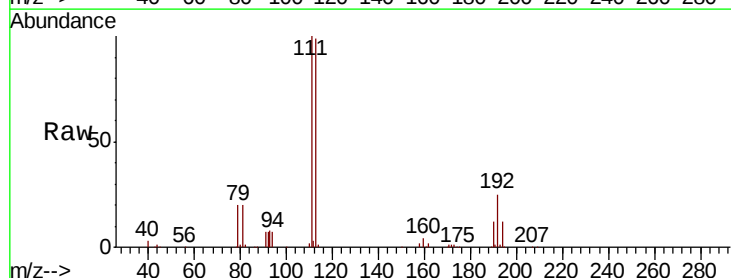
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.0
88	15.0	0.0	30.2

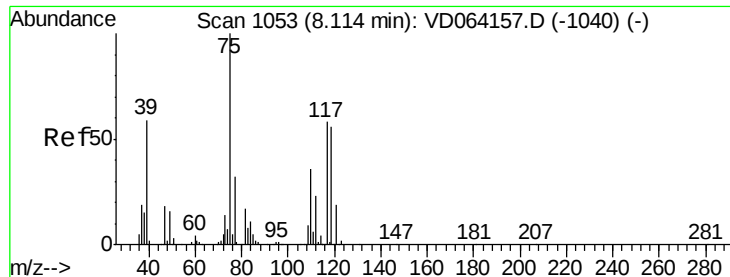


#35
 Dibromofluoromethane
 Concen: 52.708 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064277.D
 Acq: 18 Nov 2019 21:17

Tgt Ion:113 Resp: 425814

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	24.6	18.8	28.2

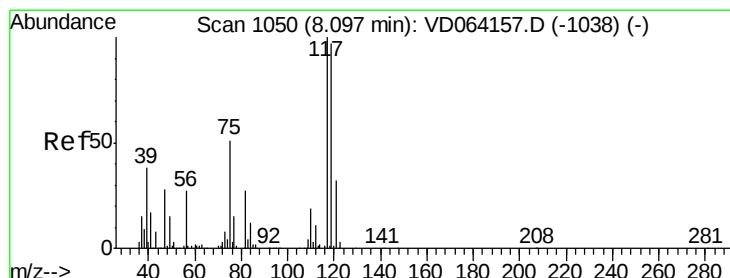
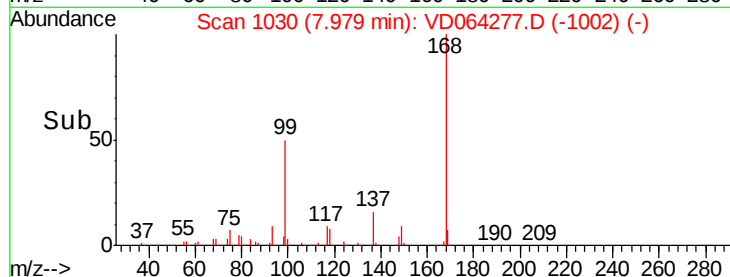
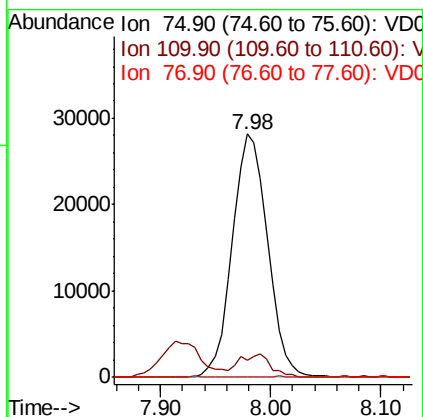
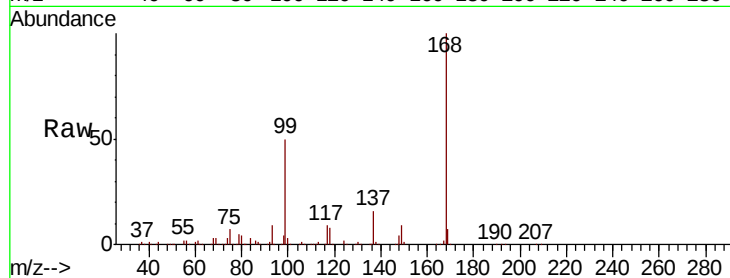




#36
 1,1-Dichloropropene
 Concen: 4.892 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064277.D
 Acq: 18 Nov 2019 21:17

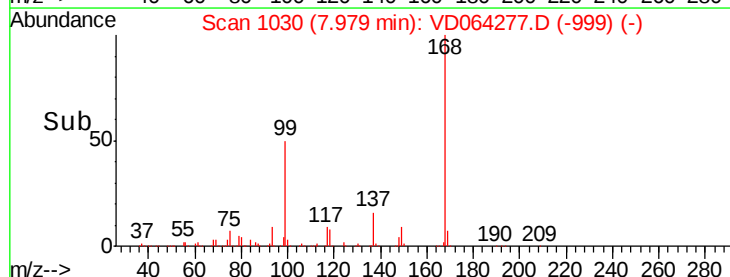
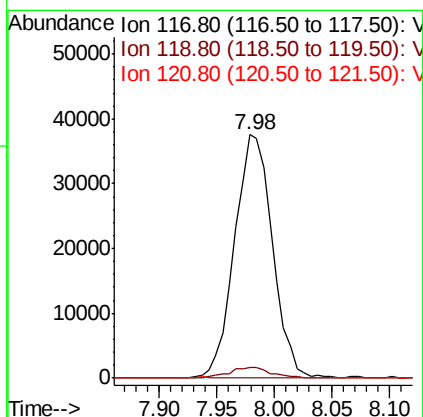
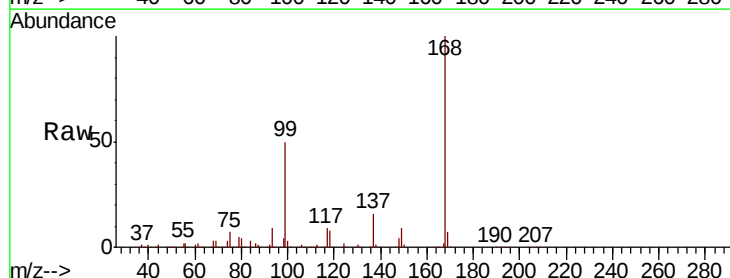
Instrument :
 MSVOA_D
 ClientSampleId :

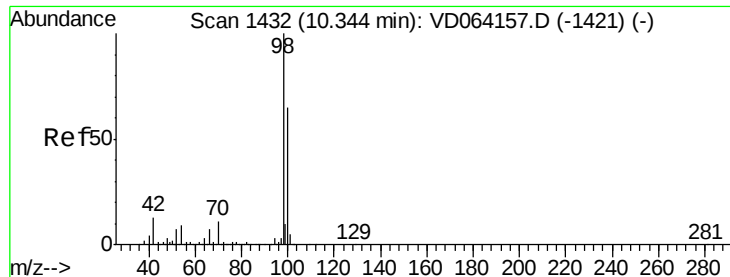
Tot Ion	75	110	77	Resp	Lower	Upper
63542	100	8.5	0.0		18.3	54.9#
					25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.158 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064277.D
 Acq: 18 Nov 2019 21:17

Tgt Ion	117	119	121	Resp	Lower	Upper
85588	100	4.1	0.0		77.2	115.8#
					25.5	38.3#

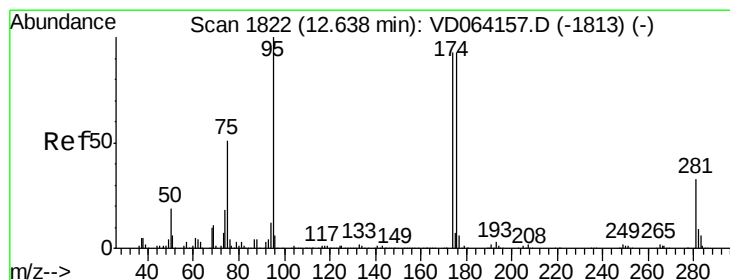
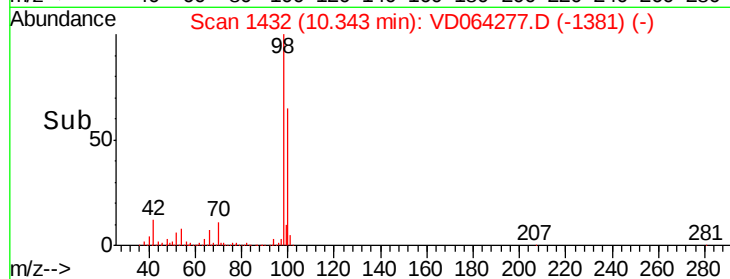
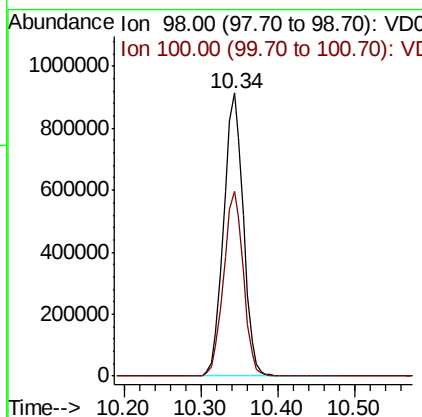
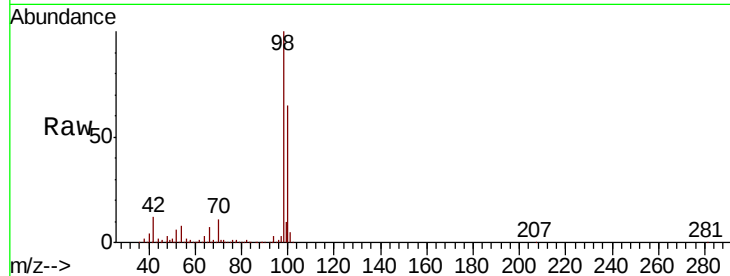




#50
Toluene-d8
Concen: 53.415 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

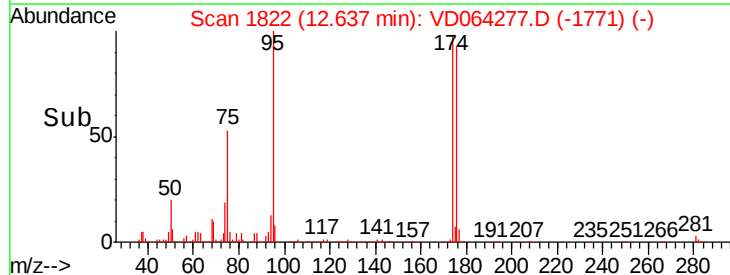
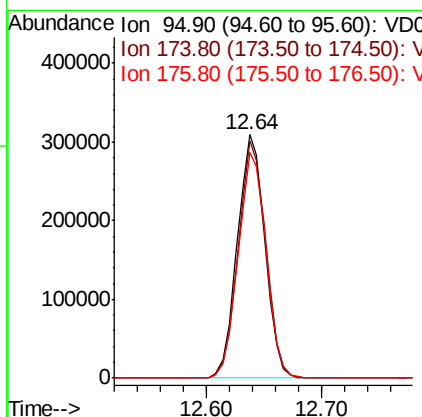
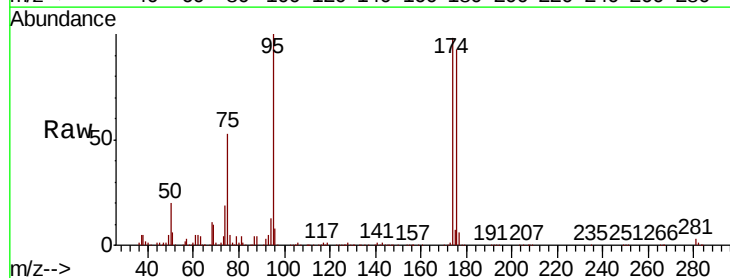
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MSVOA_D
ClientSampleId :

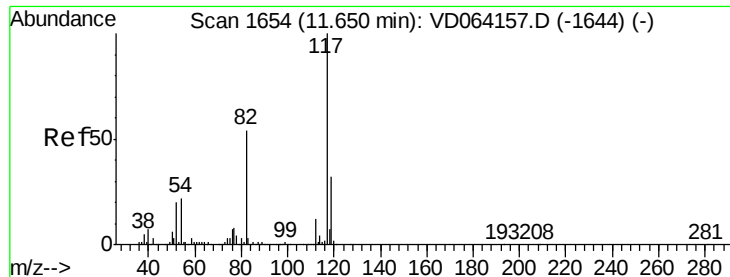
Tot Ion: 98 Resp: 1627894
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Tgt Ion: 95 Resp: 509680
Ion Ratio Lower Upper
95 100
174 97.7 0.0 183.6
176 93.8 0.0 180.2

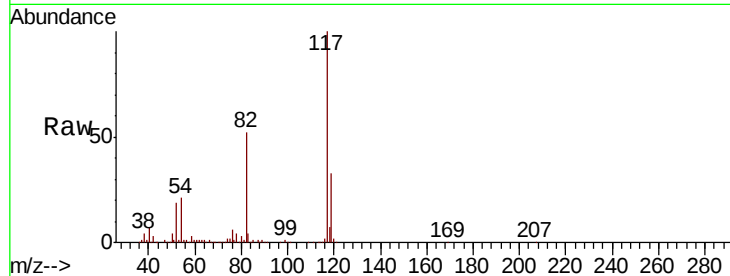




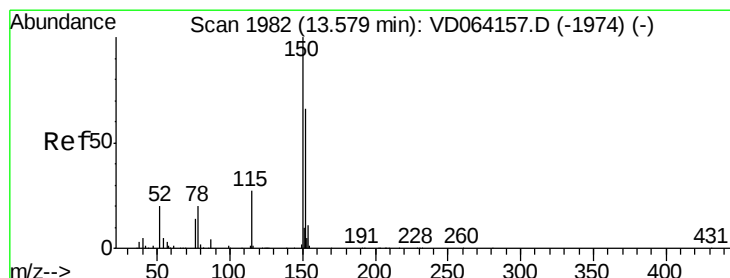
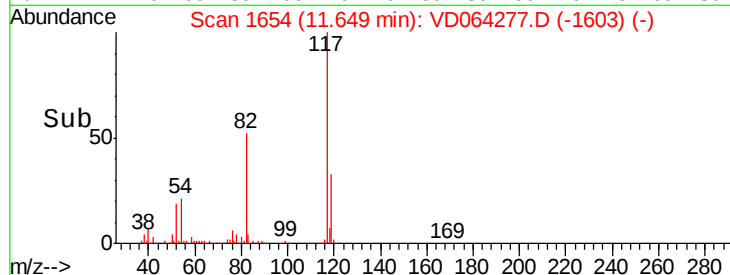
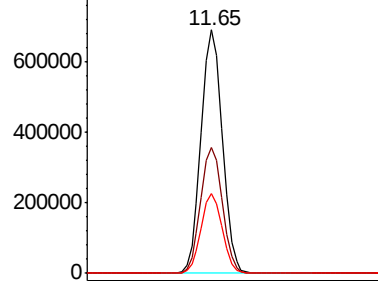
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1195728
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 32.7 25.6 38.4

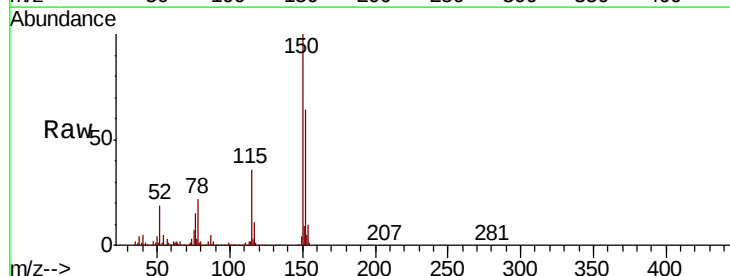


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

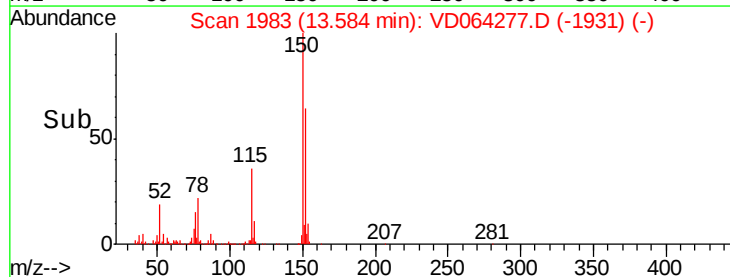
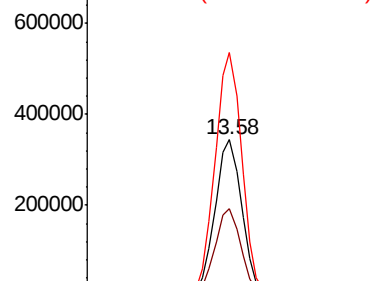


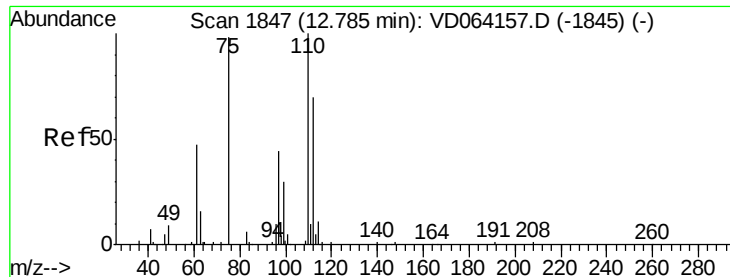
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064277.D
Acq: 18 Nov 2019 21:17

Tgt Ion:152 Resp: 562032
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 155.8 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: 58.936 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064277.D

Acq: 18 Nov 2019 21:17

Instrument :

MSVOA_D

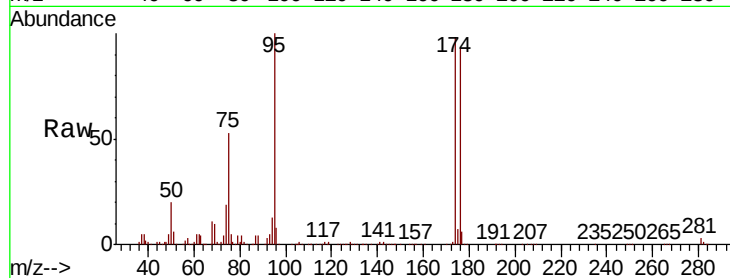
ClientSampleId :

Tot Ion: 75 Resp: 266802

Ion Ratio Lower Upper

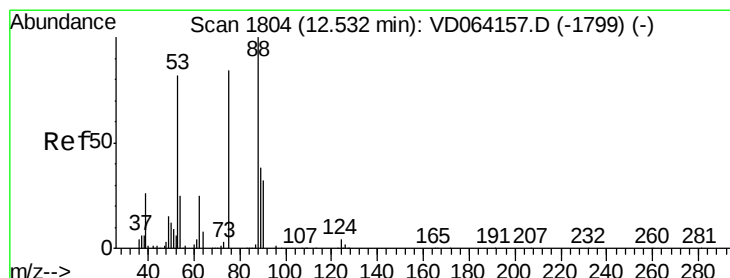
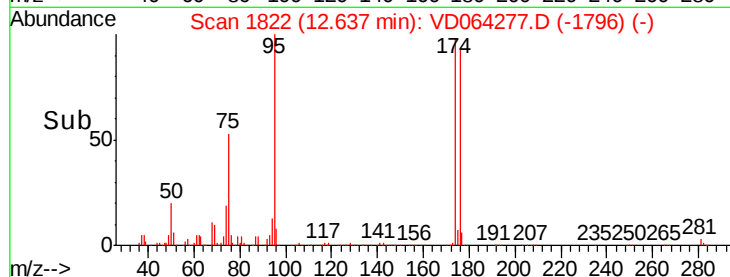
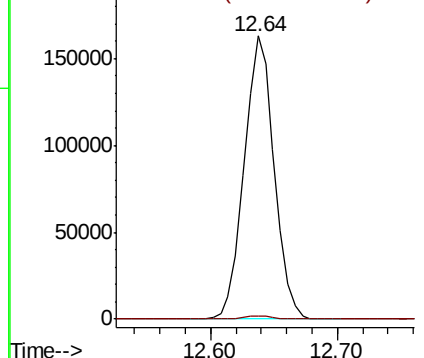
75 100

77 1.3 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: 117.070 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064277.D

Acq: 18 Nov 2019 21:17

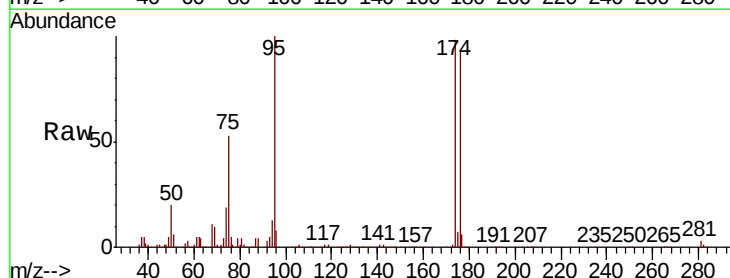
Tgt Ion: 75 Resp: 266802

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

