

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064286.D
 Acq On : 19 Nov 2019 13:29
 Operator : VA/SY
 Sample : K5669-01RE
 Misc : 7.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:26:11 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

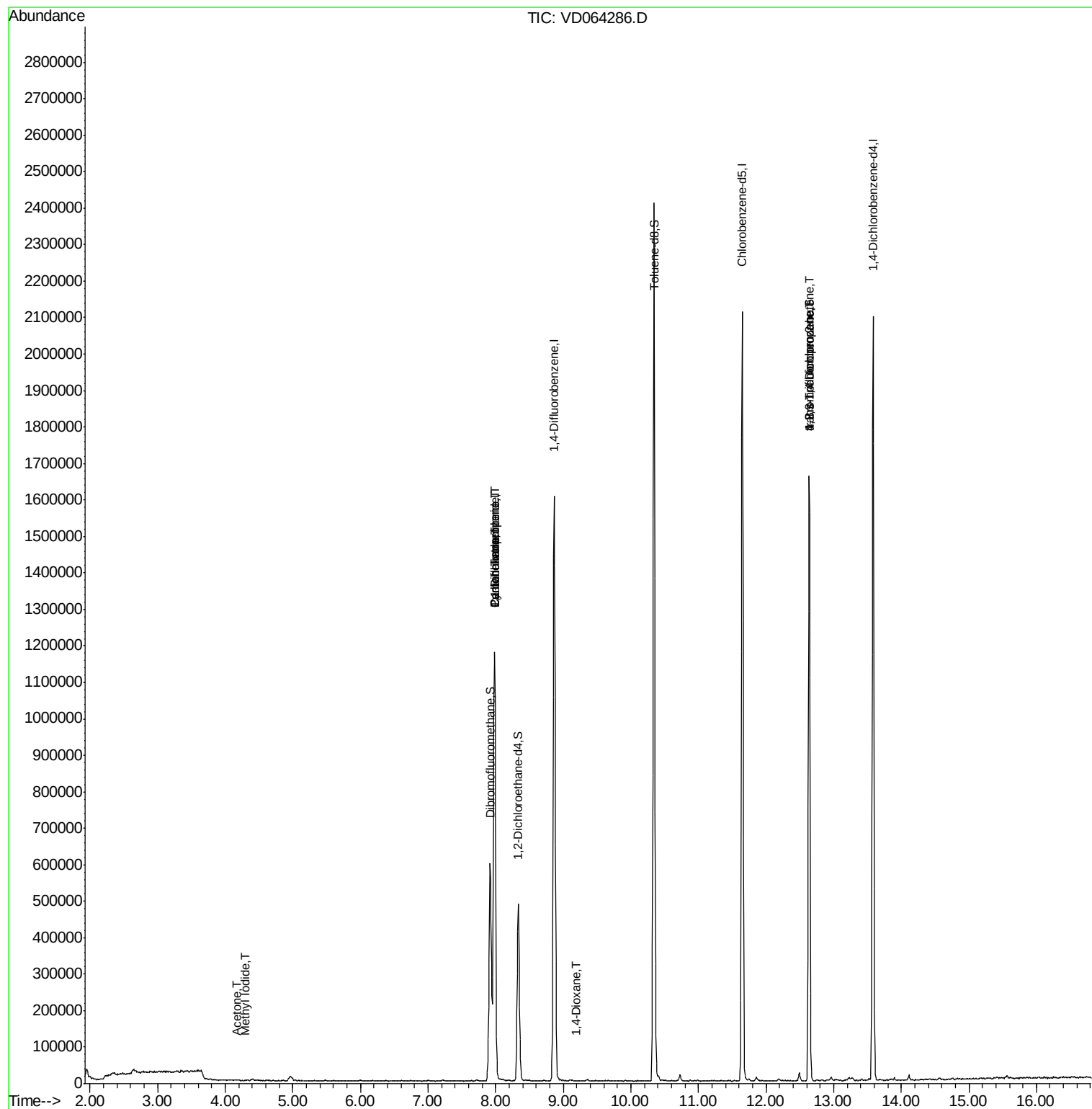
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	968338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1381605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1192659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	570987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	396021	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	7.92	113	413768	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.34	98	1623952	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.64	95	507887	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	308	2.062	ug/l #	84
16) Acetone	4.17	43	2231	1.183	ug/l #	45
31) Cyclohexane	7.98	56	19789	1.266	ug/l #	11
36) 1,1-Dichloropropene	7.98	75	65573	5.143	ug/l #	51
38) Carbon Tetrachloride	7.98	117	87571	6.418	ug/l #	15
49) 1,4-Dioxane	9.20	88	62	1.137	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	264238	57.454	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	264238	114.126	ug/l #	10

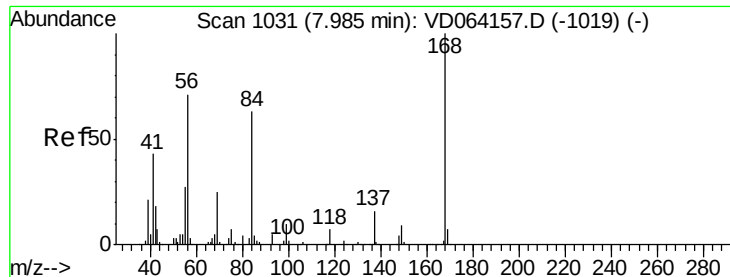
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064286.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_D

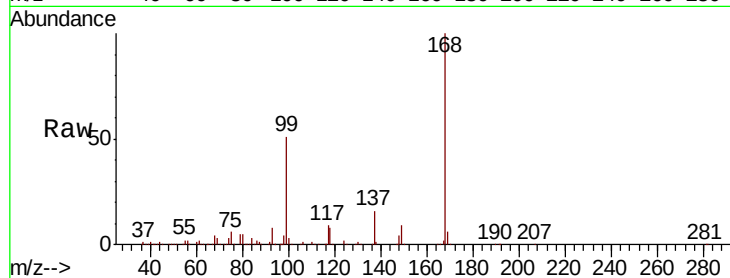
ClientSampled :

Tot Ion:168 Resp: 968338

Ion Ratio Lower Upper

168 100

99 50.6 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

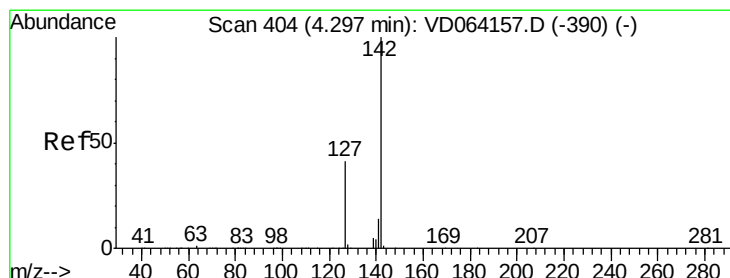
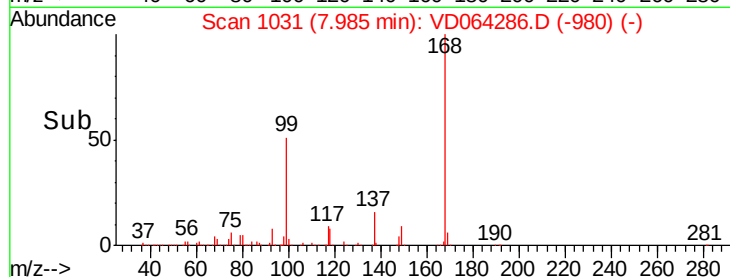
0

Time-->

7.90

8.00

8.10



#10

Methyl Iodide

Concen: 2.062 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064286.D

Acq: 19 Nov 2019 13:29

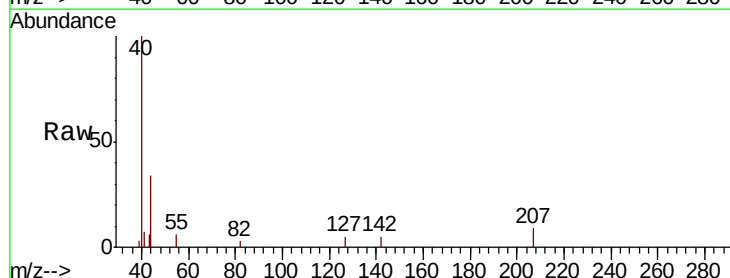
Tgt Ion:142 Resp: 308

Ion Ratio Lower Upper

142 100

127 49.0 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

4.30

400

300

200

100

0

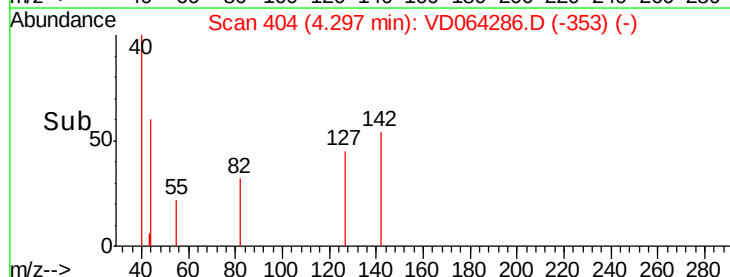
Time-->

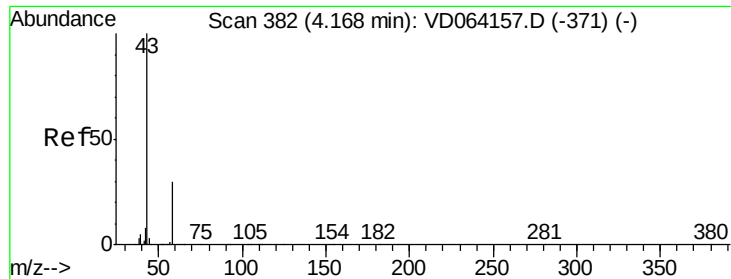
4.26

4.28

4.30

4.32

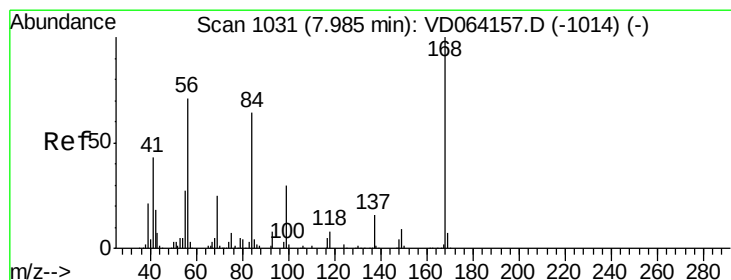
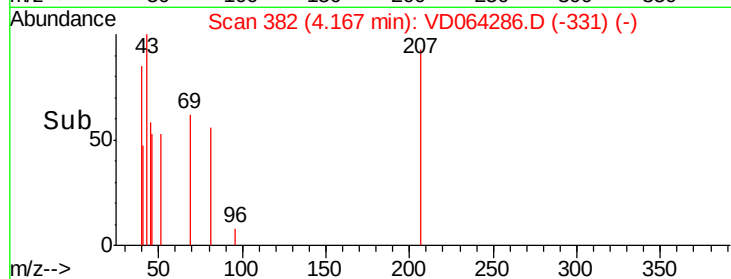
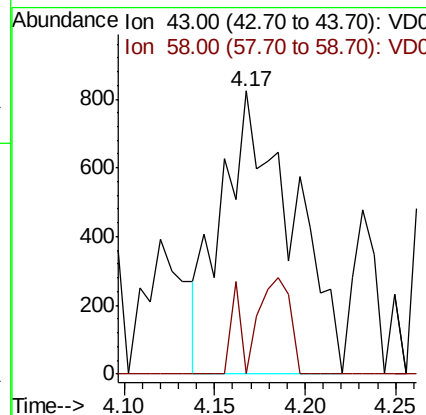
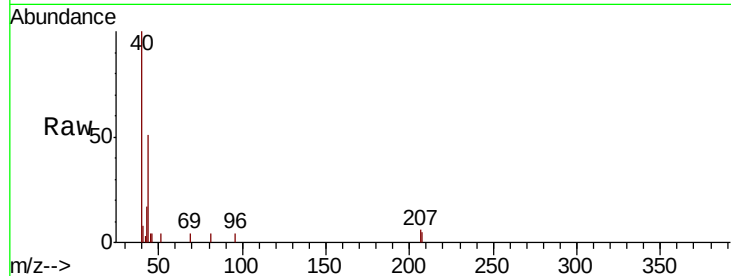




#16
Acetone
Concen: 1.183 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

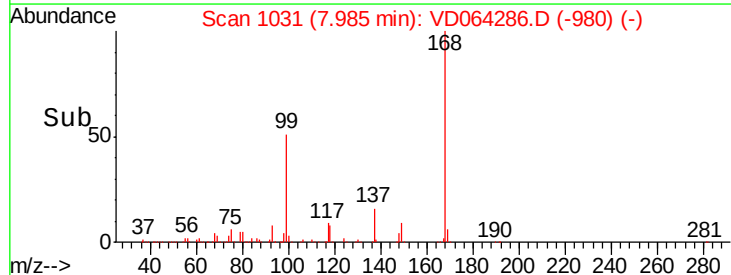
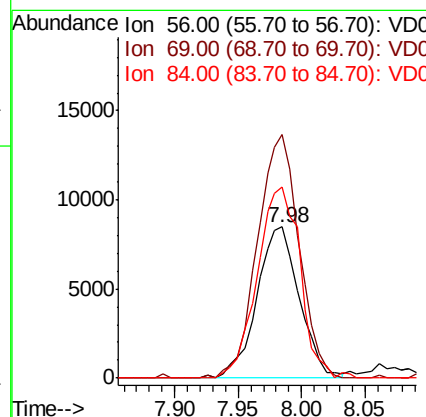
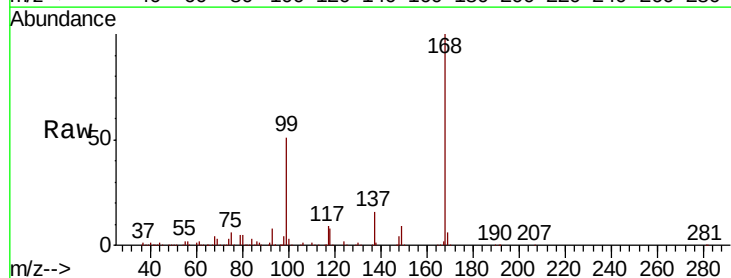
Instrument :
MSVOA_D
ClientSampled :

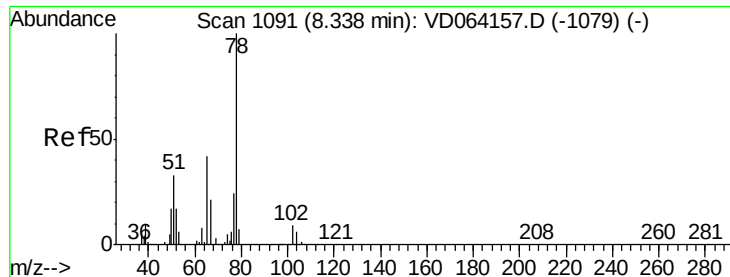
Tot Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 56 Resp: 19789
Ion Ratio Lower Upper
56 100
69 161.1 28.2 42.4#
84 126.9 71.8 107.6#

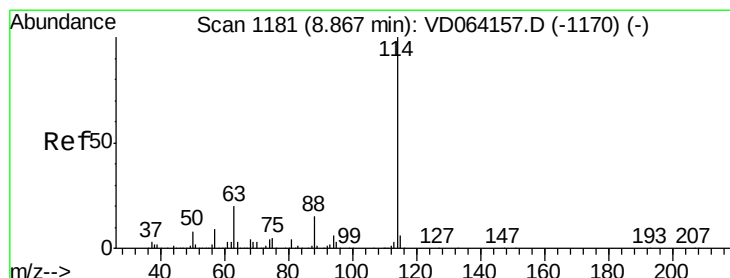
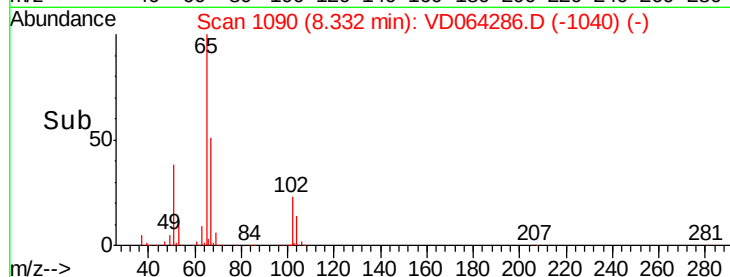
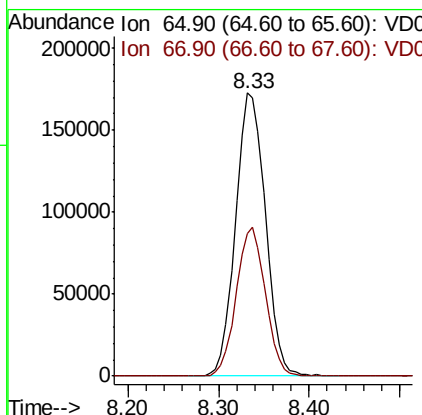
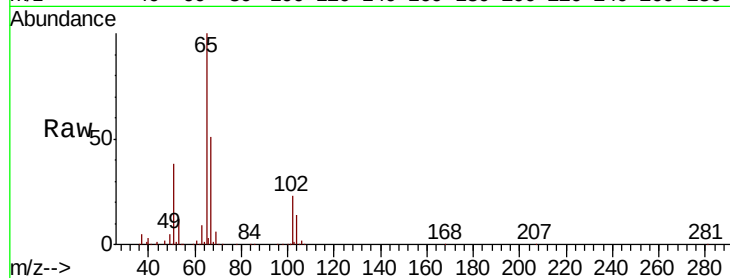




#33
 1,2-Dichloroethane-d4
 Concen: 49.726 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064286.D
 Acq: 19 Nov 2019 13:29

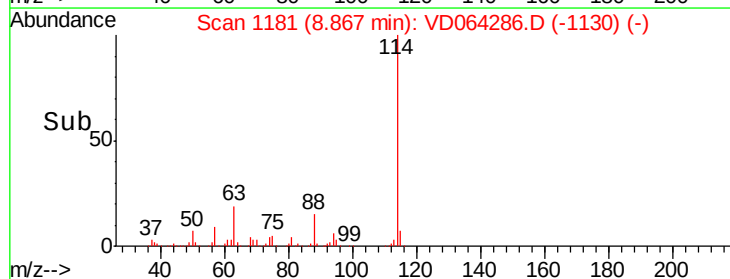
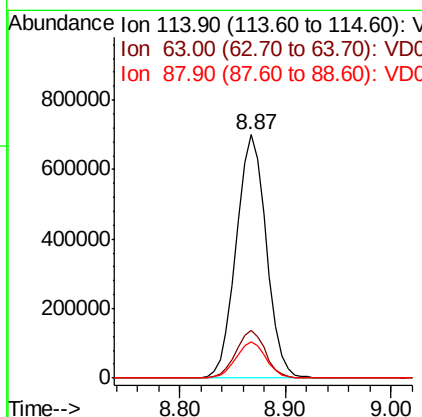
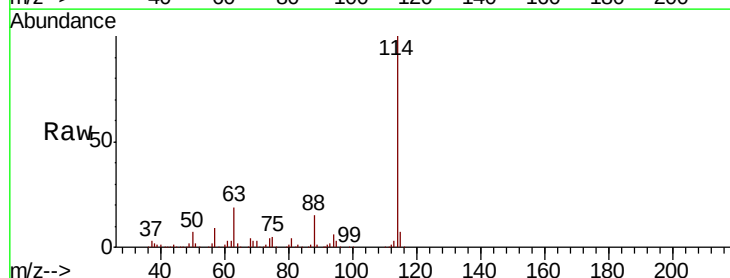
Instrument :
 MSVOA_D
 ClientSampleId :

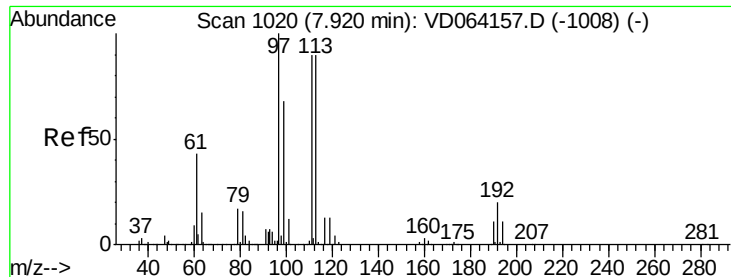
Tot Ion: 65 Resp: 396021
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064286.D
 Acq: 19 Nov 2019 13:29

Tgt Ion: 114 Resp: 1381605
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 14.9 0.0 30.2

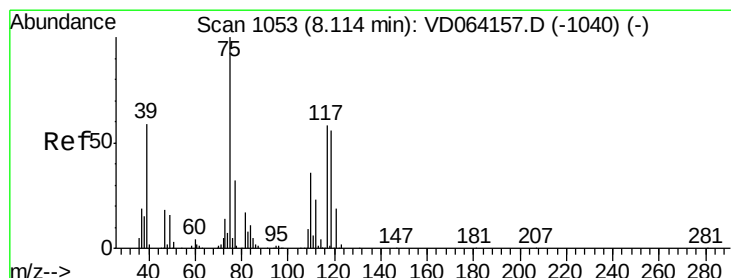
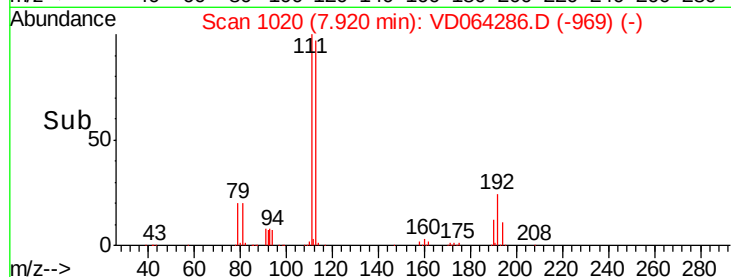
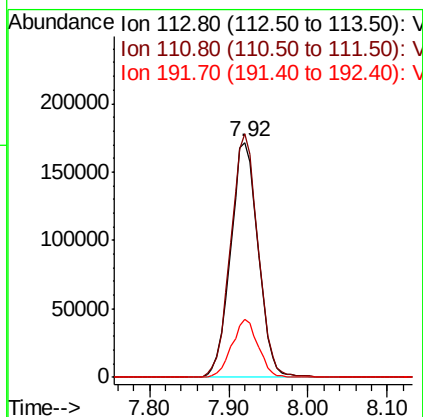
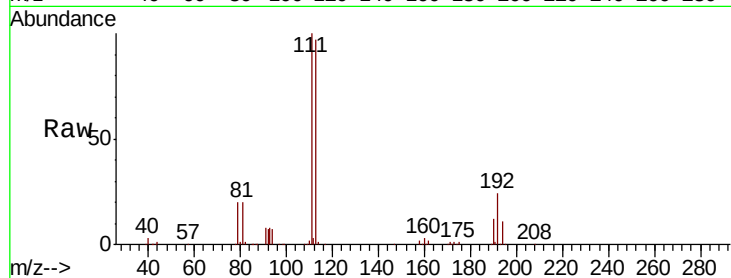




#35
 Dibromofluoromethane
 Concen: 52.173 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064286.D
 Acq: 19 Nov 2019 13:29

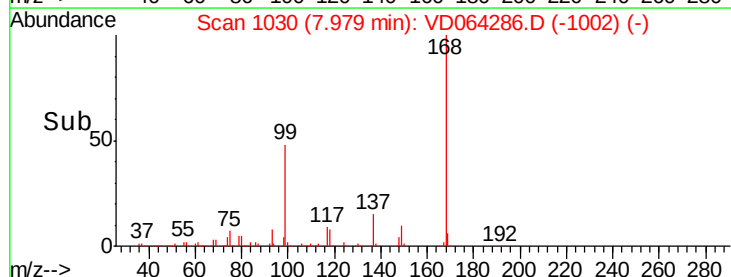
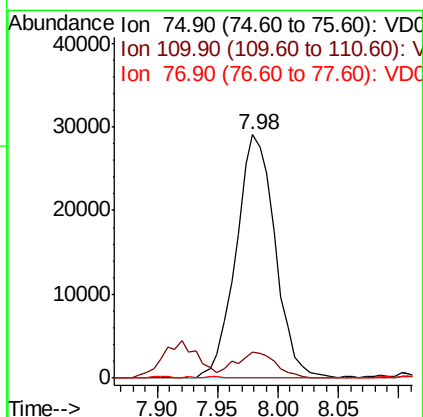
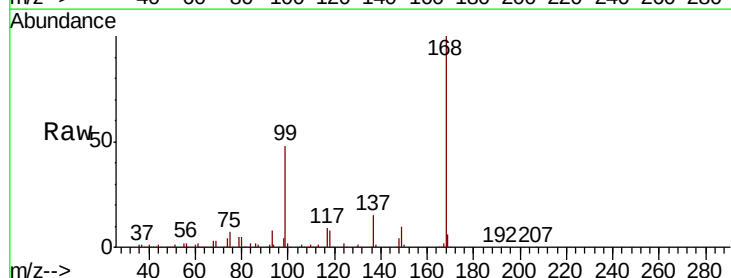
Instrument :
 MSVOA_D
 ClientSampleId :

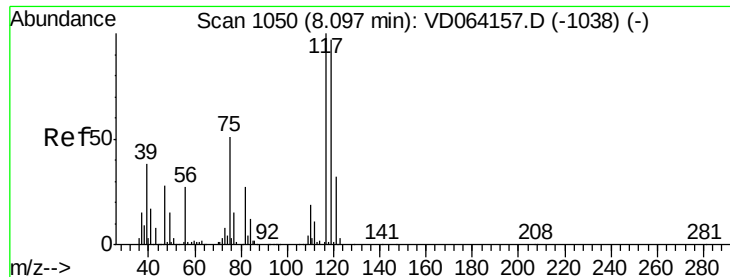
Tot Ion:113 Resp: 413768
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 23.6 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.143 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064286.D
 Acq: 19 Nov 2019 13:29

Tgt Ion: 75 Resp: 65573
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.3 54.9#
 77 0.0 25.0 37.6#

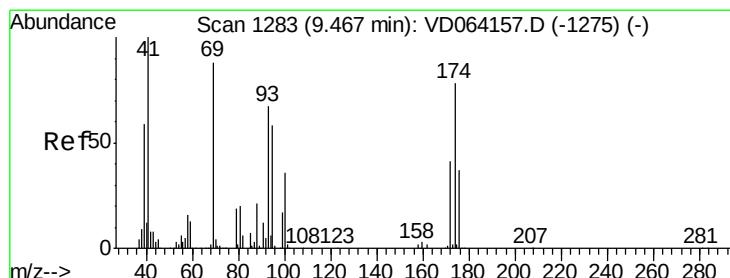
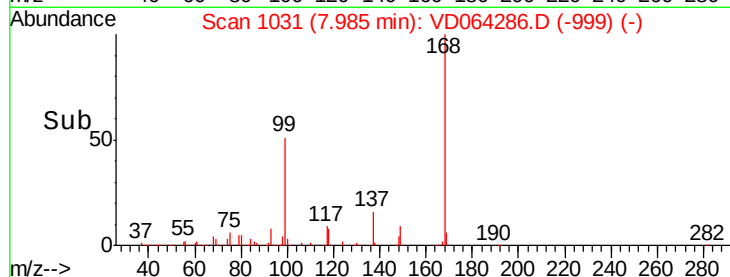
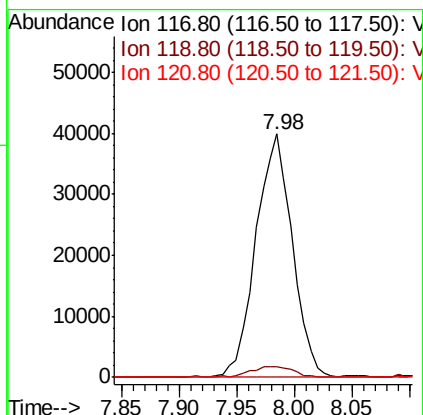
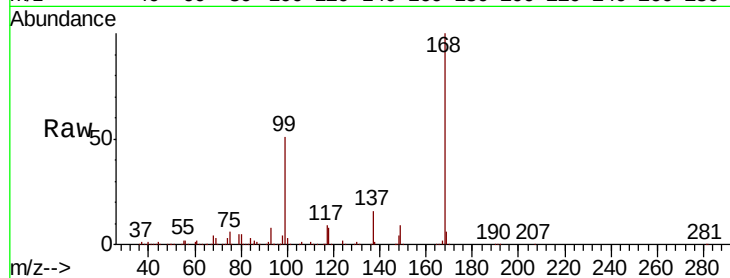




#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

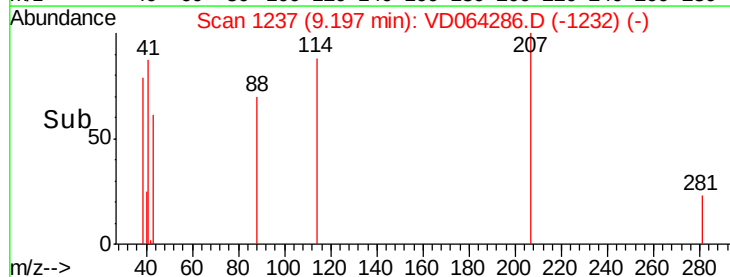
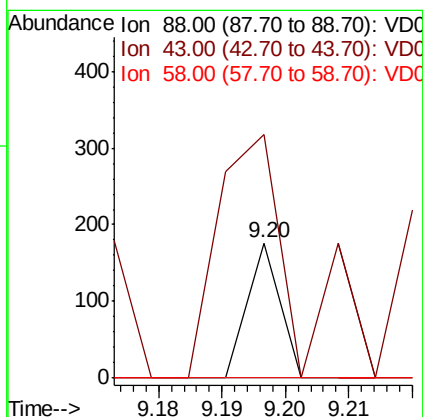
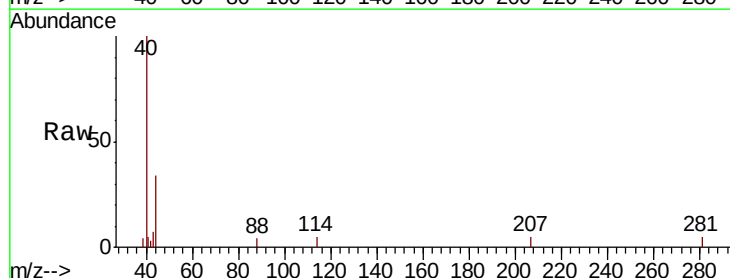
Instrument :
MSVOA_D
ClientSampled :

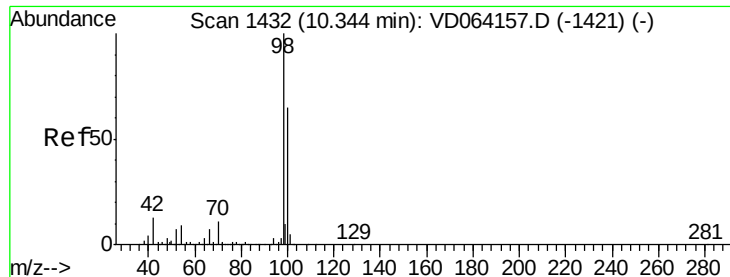
Tot Ion:117 Resp: 87571
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.5 38.3#



#49
1,4-Dioxane
Concen: 1.137 ug/l
RT: 9.20 min Scan# 1237
Delta R.T. -0.27 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 433.9 29.8 44.8#
58 0.0 58.1 87.1#

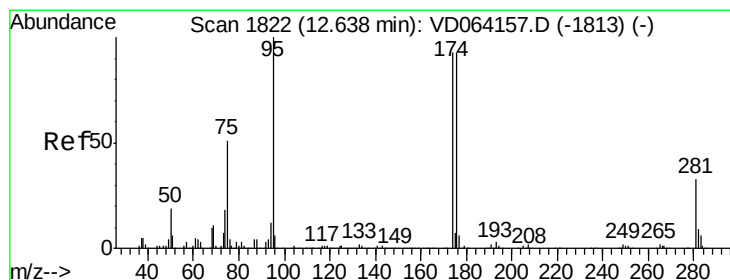
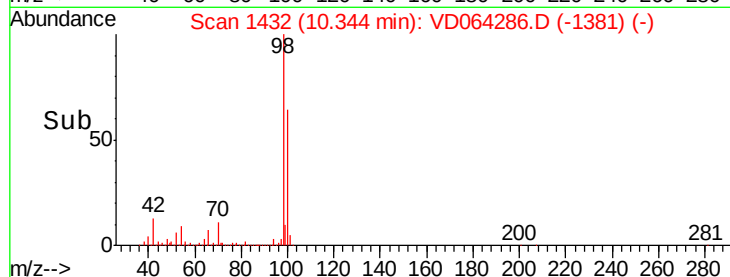
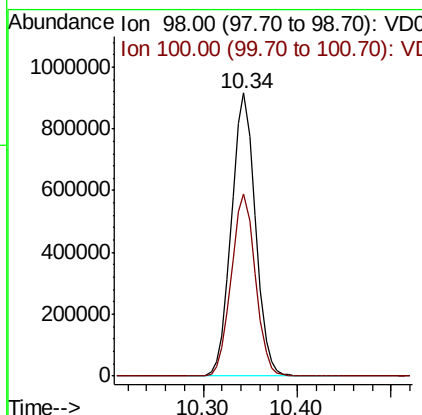
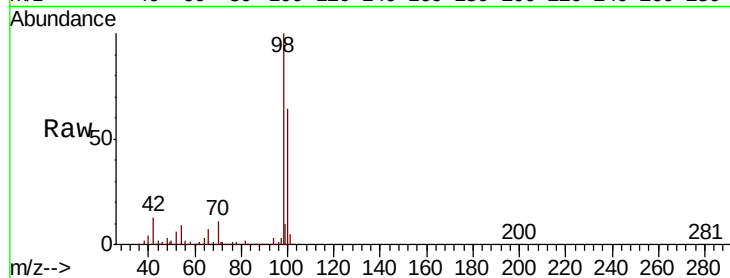




#50
Toluene-d8
Concen: 54.281 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

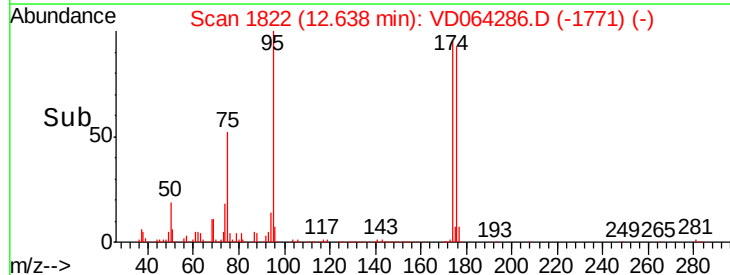
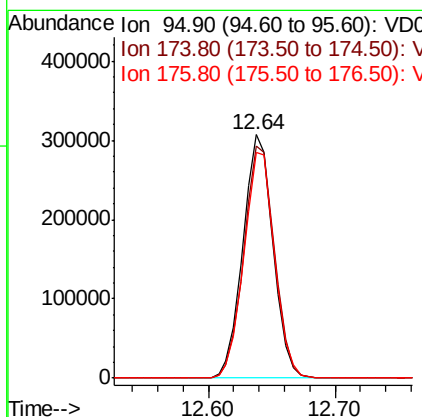
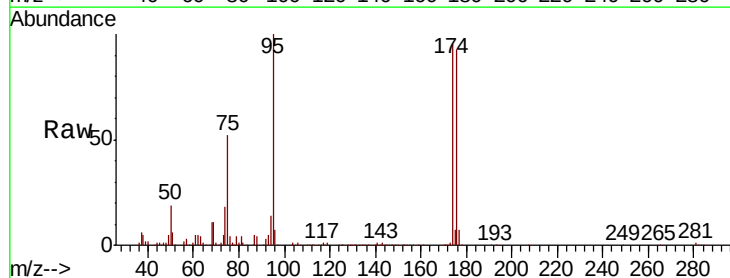
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MSVOA_D
ClientSampleId :

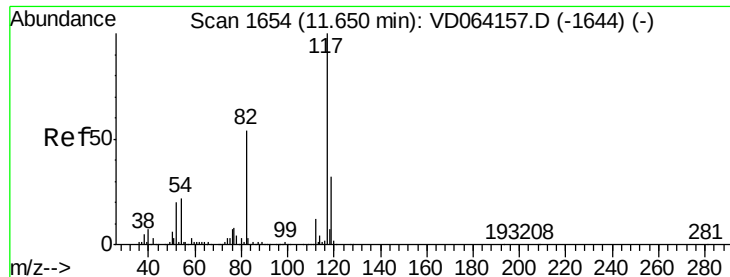
Tot Ion: 98 Resp: 1623952
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.020 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 95 Resp: 507887
Ion Ratio Lower Upper
95 100
174 96.9 0.0 183.6
176 94.6 0.0 180.2

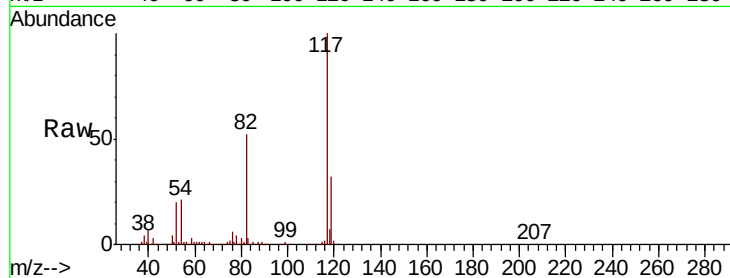




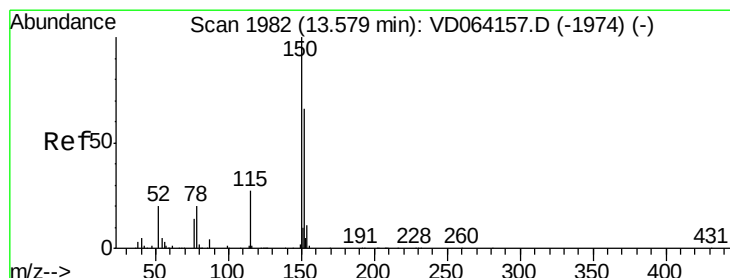
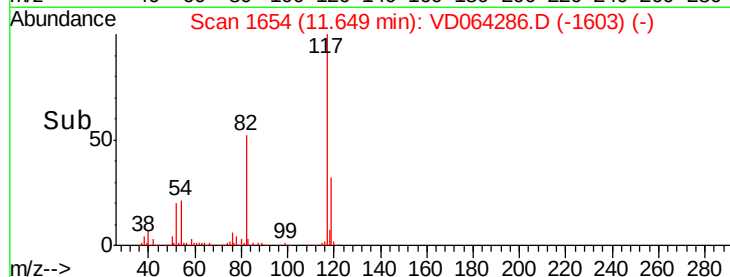
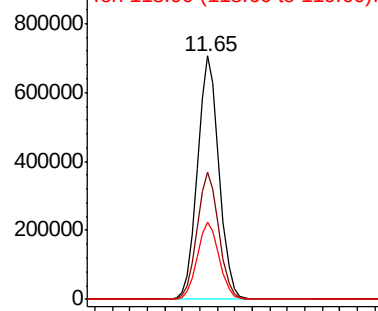
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1192659
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 32.0 25.6 38.4

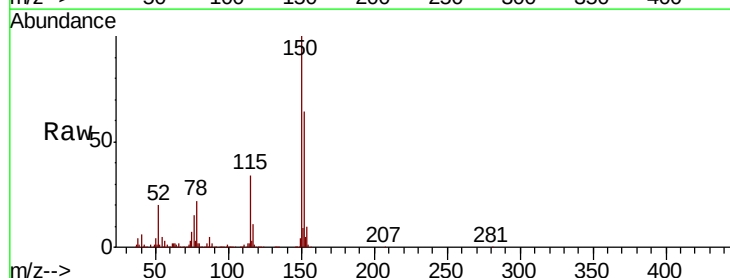


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

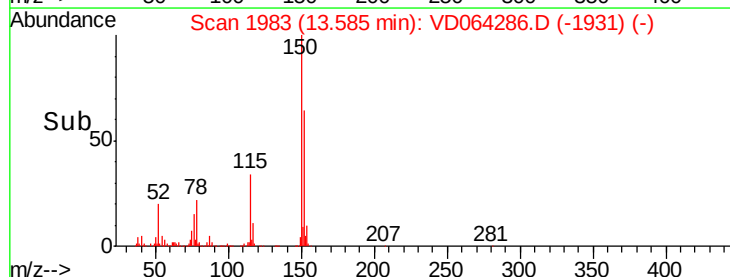
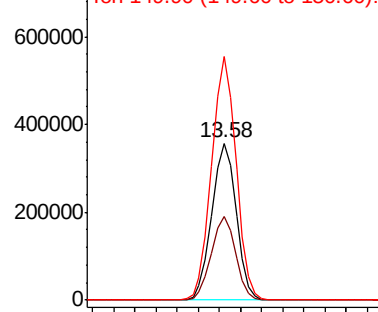


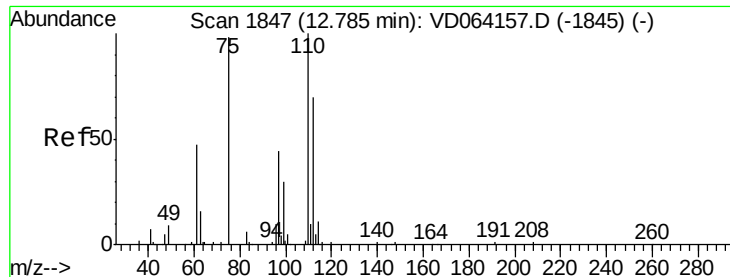
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064286.D
Acq: 19 Nov 2019 13:29

Tgt Ion:152 Resp: 570987
Ion Ratio Lower Upper
152 100
115 53.2 27.4 82.2
150 155.1 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: 57.454 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064286.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_D

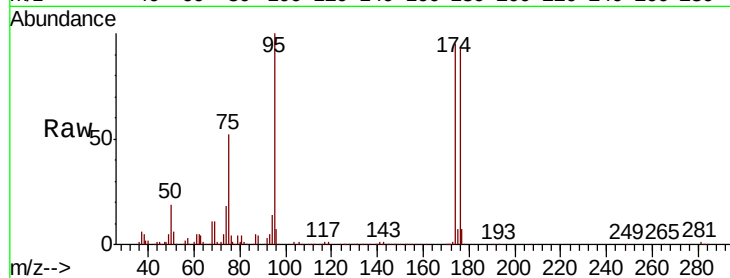
ClientSampleId :

Tot Ion: 75 Resp: 264238

Ion Ratio Lower Upper

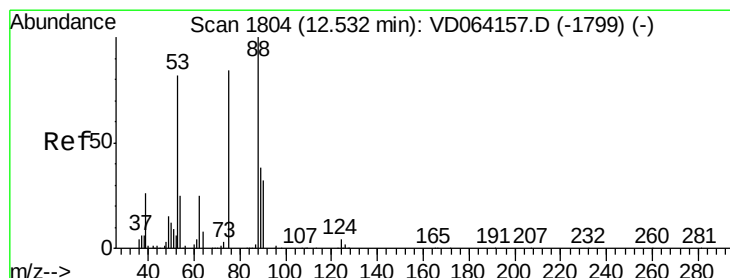
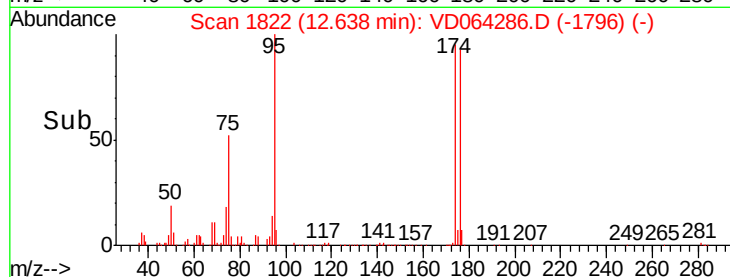
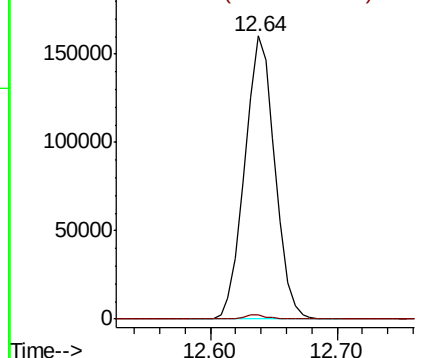
75 100

77 1.2 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: 114.126 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064286.D

Acq: 19 Nov 2019 13:29

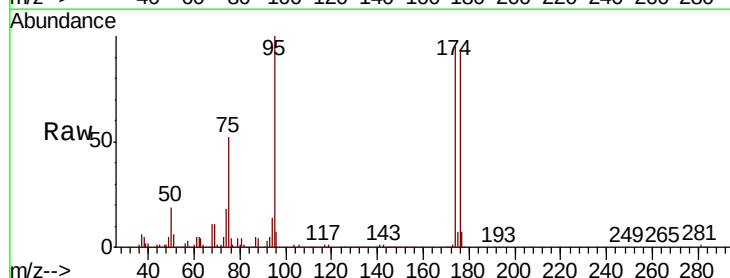
Tgt Ion: 75 Resp: 264238

Ion Ratio Lower Upper

75 100

53 0.0 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

