

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064274.D
 Acq On : 18 Nov 2019 19:50
 Operator : VA/SY
 Sample : K5840-14RE
 Misc : 5.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:40:09 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	974722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1422914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1241570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	603143	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	401685	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	7.92	113	422767	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
50) Toluene-d8	10.34	98	1658069	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.64	95	527208	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	

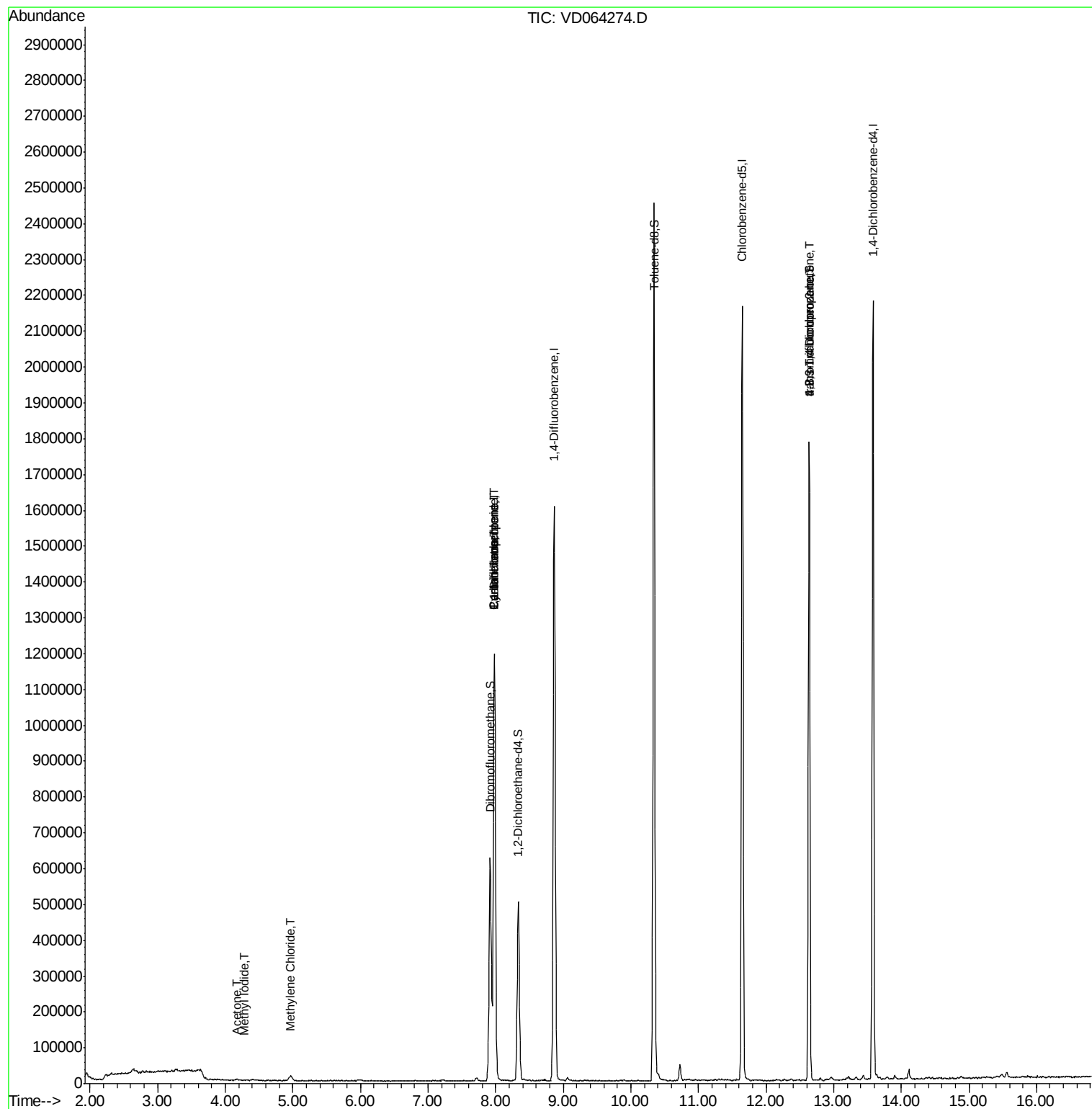
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	132	2.044	ug/l #	41
16) Acetone	4.17	43	6361	3.349	ug/l	94
20) Methylene Chloride	4.97	84	11078	1.155	ug/l	87
31) Cyclohexane	7.98	56	19554	1.243	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	65015	4.951	ug/l #	49
38) Carbon Tetrachloride	7.98	117	86563	6.160	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	273880	56.376	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	273880	111.984	ug/l #	10

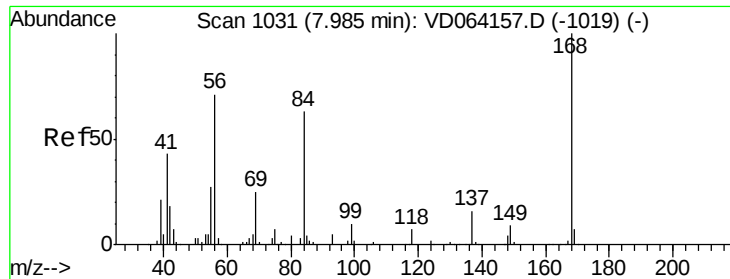
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064274.D
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Quant Time: Nov 19 04:40:09 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: VD064274.D

Acq: 18 Nov 2019 19:50

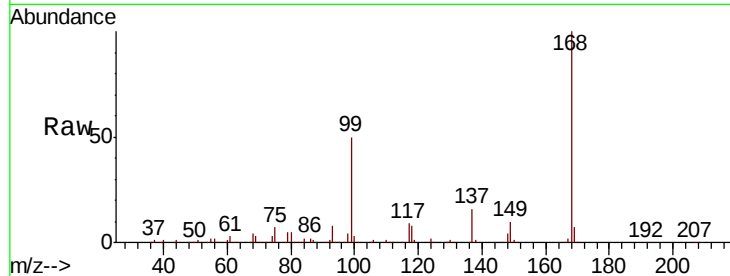
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 974722

Ion Ratio Lower Upper

168 100

99 50.4 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

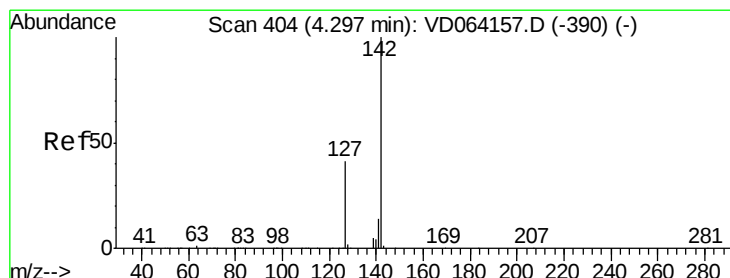
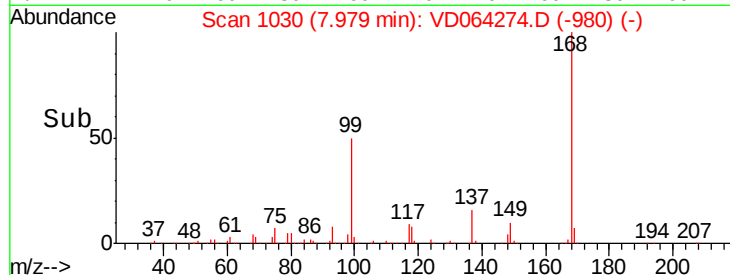
200000

100000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 2.044 ug/l

RT: 4.28 min Scan# 401

Delta R.T. -0.02 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

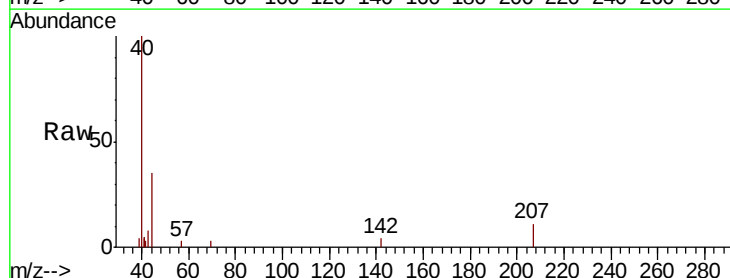
Tgt Ion:142 Resp: 132

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

300

250

200

150

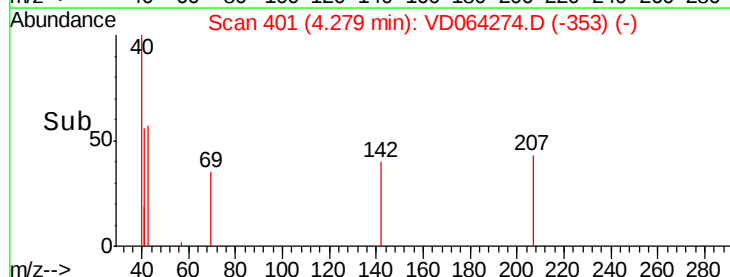
100

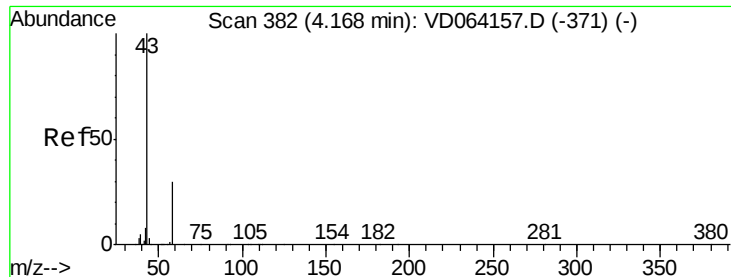
50

0

Time-->

4.26 4.28 4.30

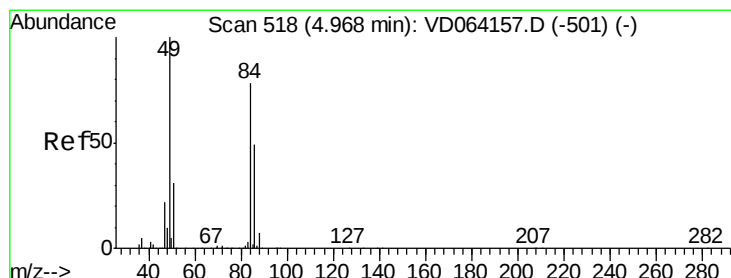
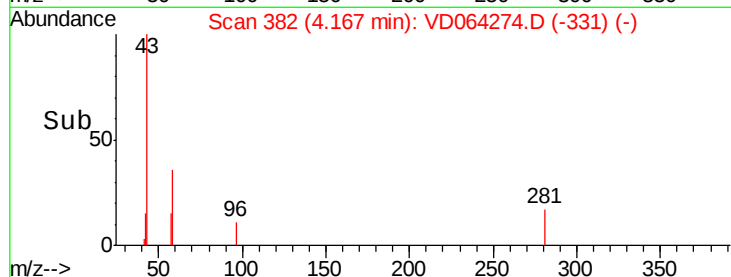
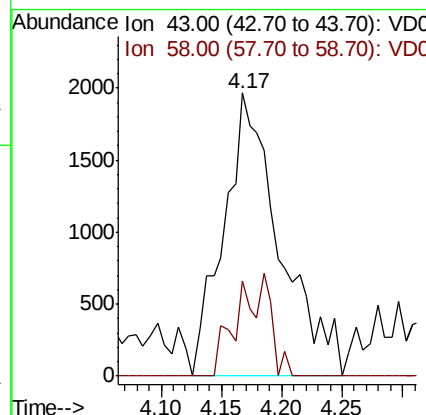
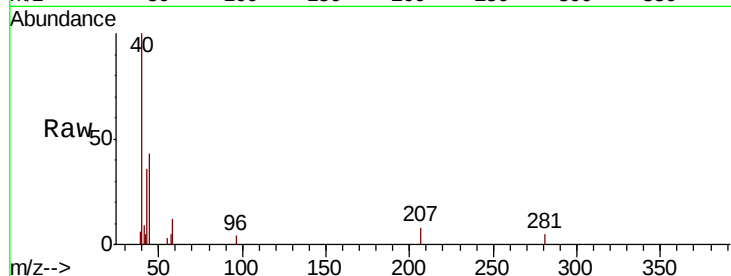




#16
Acetone
Concen: 3.349 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

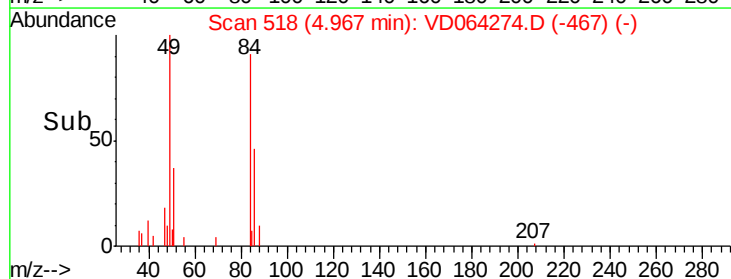
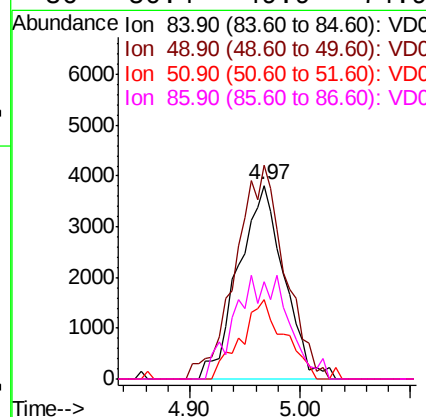
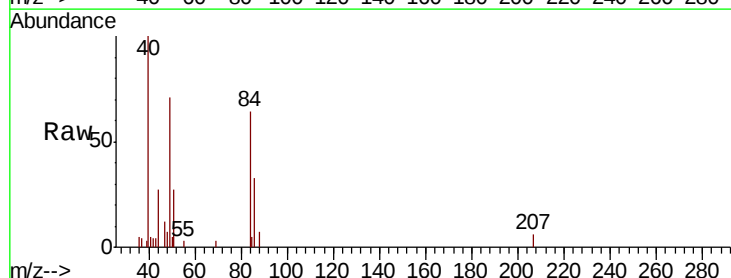
Instrument :
MSVOA_D
ClientSampleId :

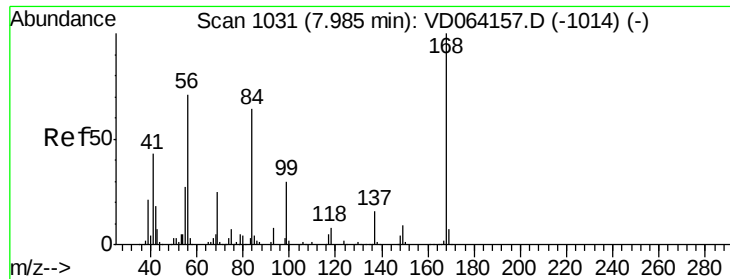
Tot Ion: 43 Resp: 6361
Ion Ratio Lower Upper
43 100
58 33.4 24.1 36.1



#20
Methylene Chloride
Concen: 1.155 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

Tgt Ion: 84 Resp: 11078
Ion Ratio Lower Upper
84 100
49 110.5 102.1 153.1
51 41.3 32.2 48.2
86 50.4 49.9 74.9

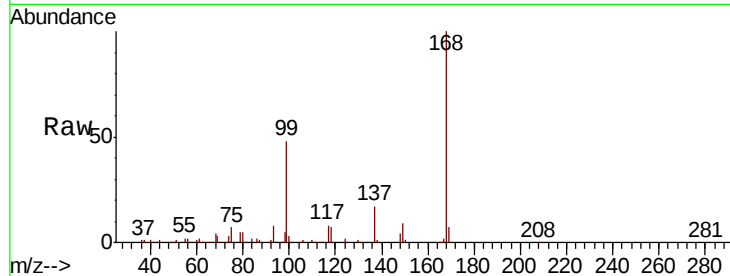




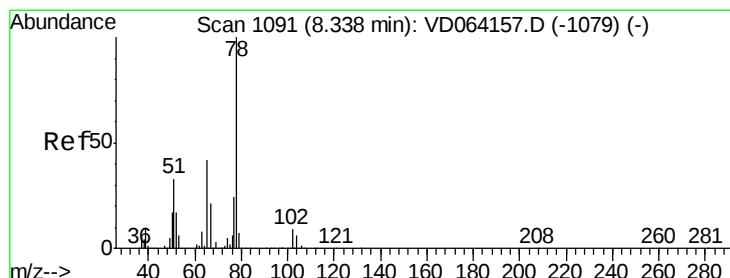
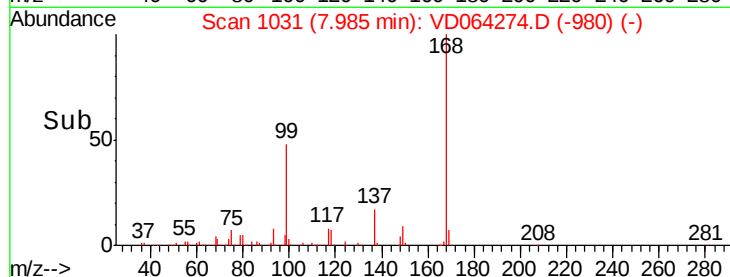
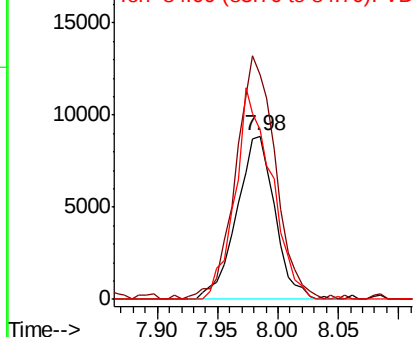
#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 19554
Ion Ratio Lower Upper
56 100
69 137.4 28.2 42.4#
84 103.3 71.8 107.6

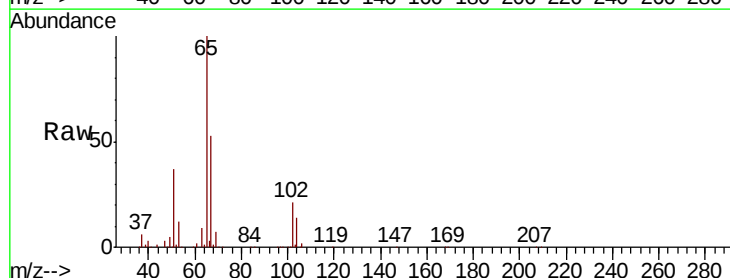


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

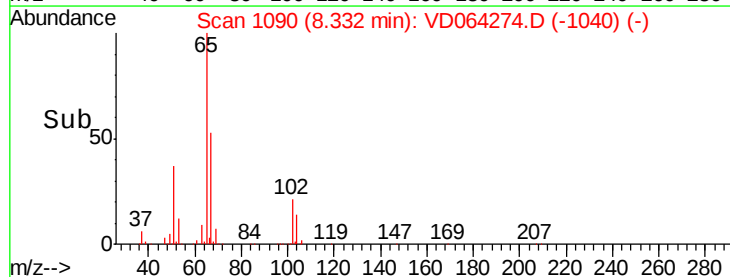
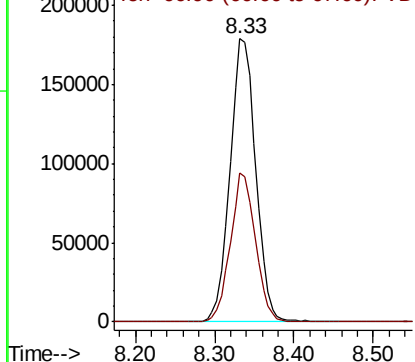


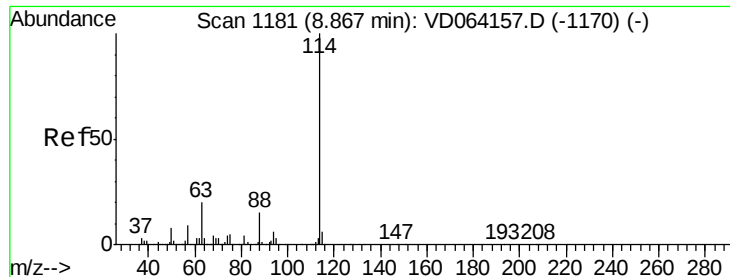
#33
1,2-Dichloroethane-d4
Concen: 50.107 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

Tgt Ion: 65 Resp: 401685
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4



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

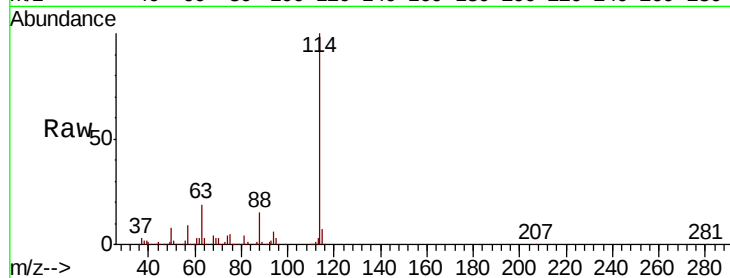




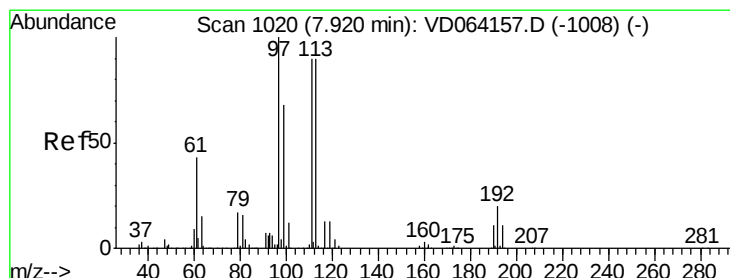
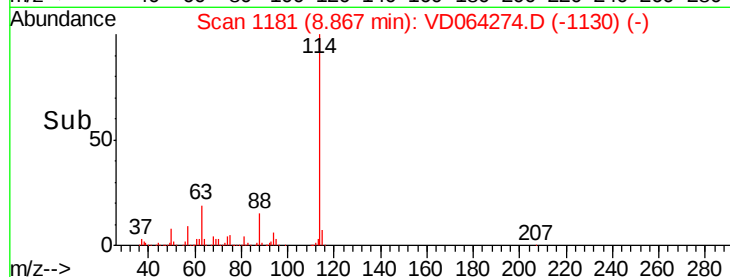
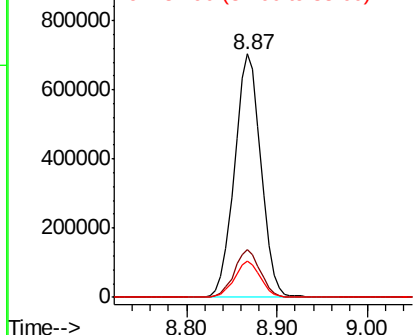
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064274.D
 Acq: 18 Nov 2019 19:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1422914
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.1 0.0 30.2

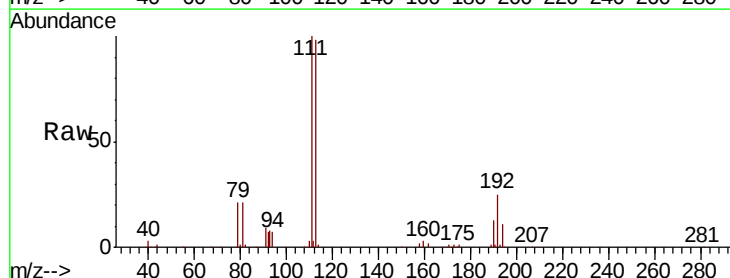


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

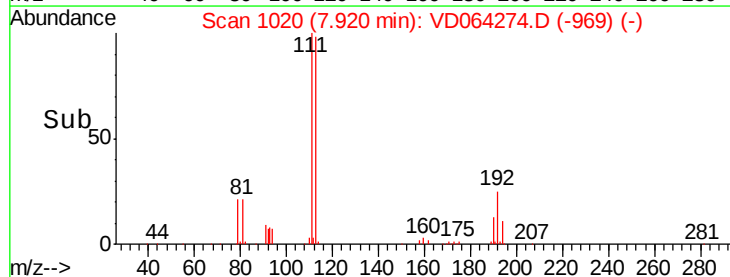
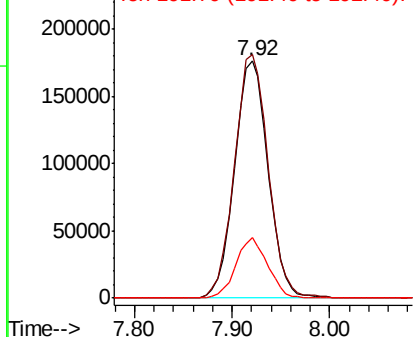


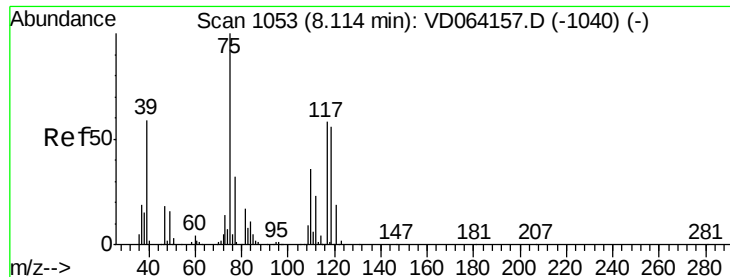
#35
 Dibromofluoromethane
 Concen: 51.760 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064274.D
 Acq: 18 Nov 2019 19:50

Tgt Ion:113 Resp: 422767
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 24.1 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: 4.951 ug/l

RT: 7.98 min Scan# 1030

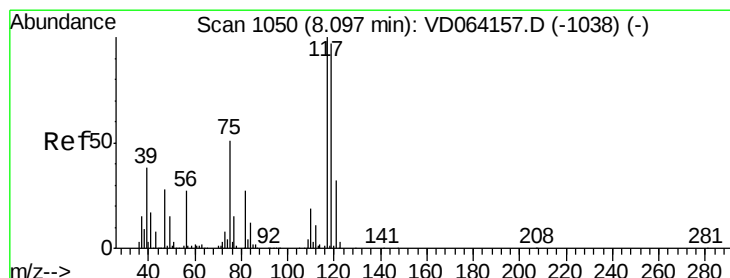
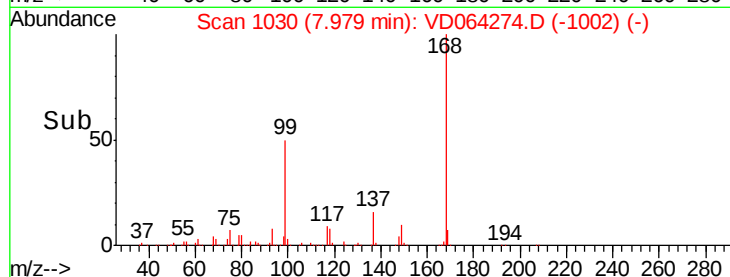
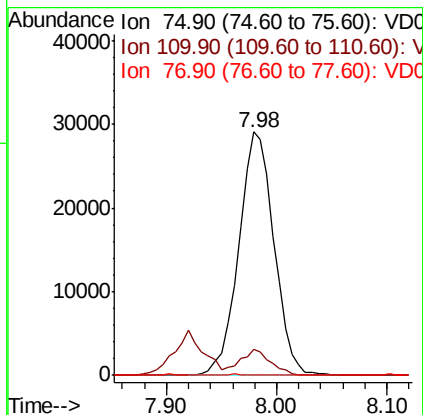
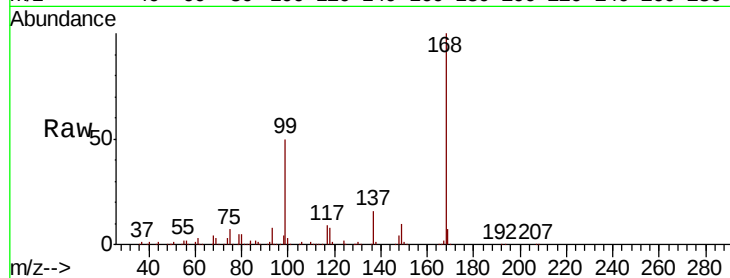
Delta R.T. -0.14 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	75	Resp:	65015
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.9#
77	0.1	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 6.160 ug/l

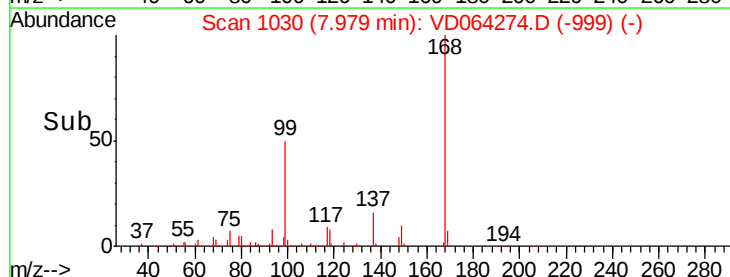
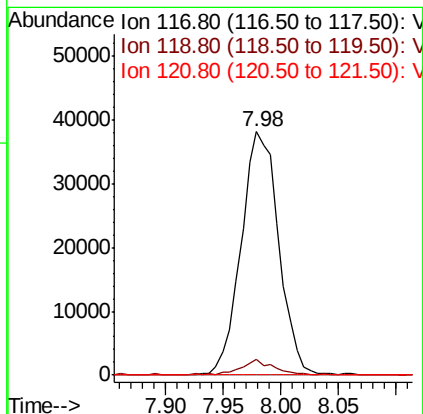
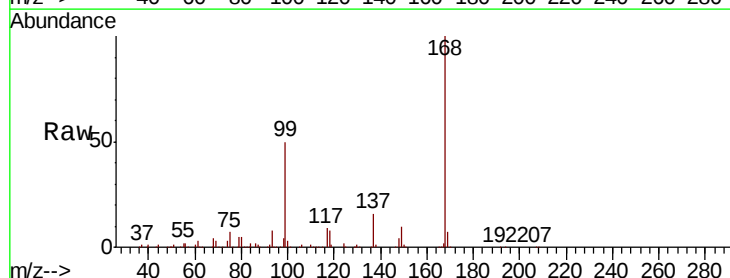
RT: 7.98 min Scan# 1030

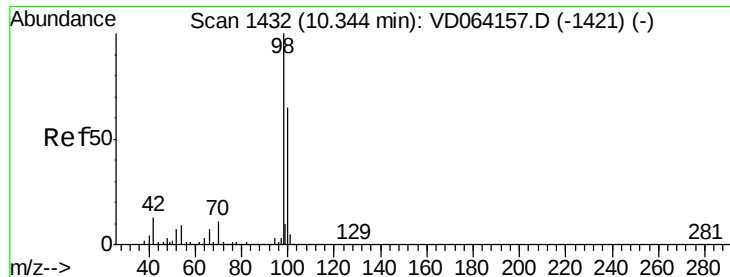
Delta R.T. -0.12 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

Tgt Ion:	117	Resp:	86563
Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.2	115.8#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 53.812 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

Instrument :

MSVOA_D

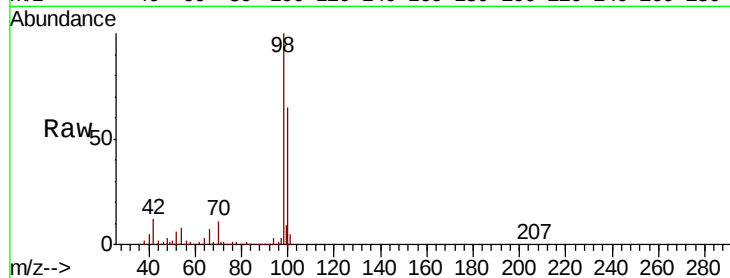
ClientSampled :

Tot Ion: 98 Resp: 1658069

Ion Ratio Lower Upper

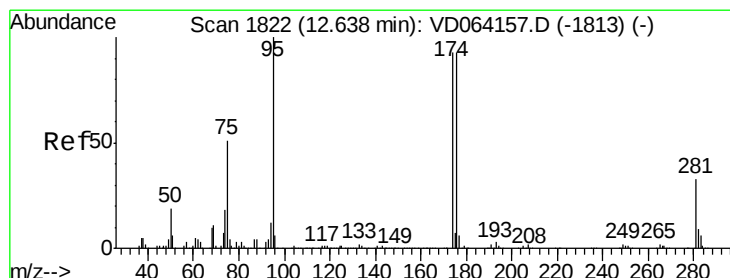
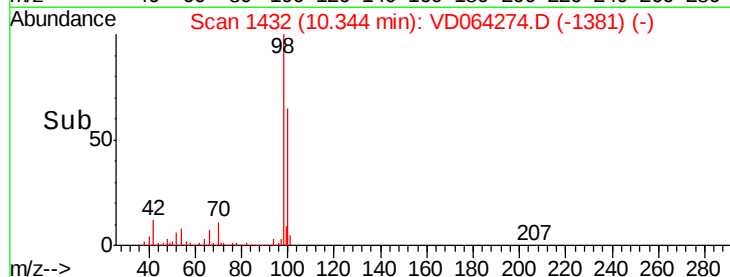
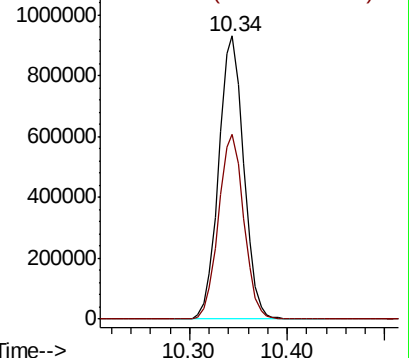
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.408 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

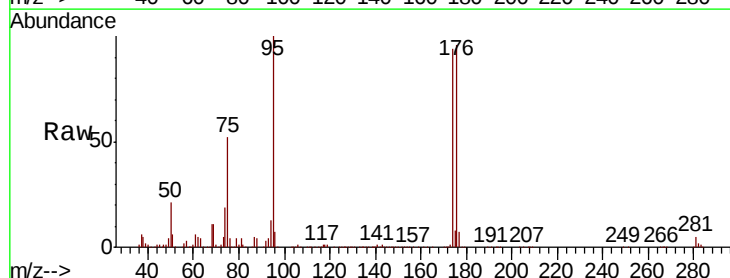
Tgt Ion: 95 Resp: 527208

Ion Ratio Lower Upper

95 100

174 96.4 0.0 183.6

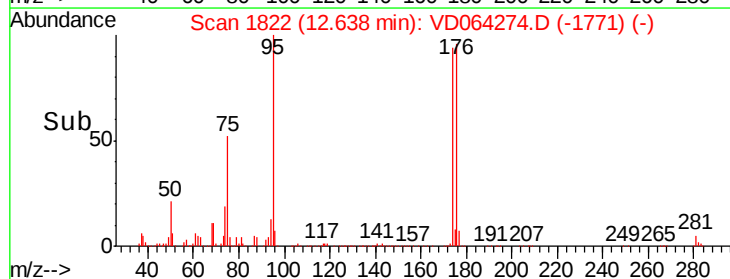
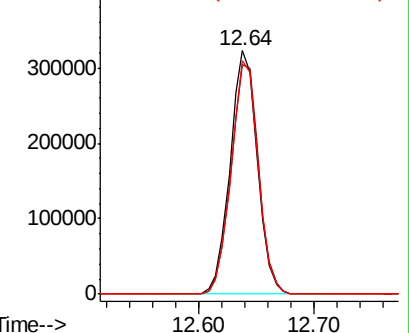
176 95.7 0.0 180.2

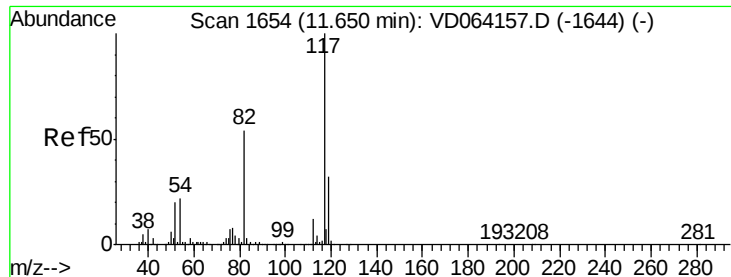


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

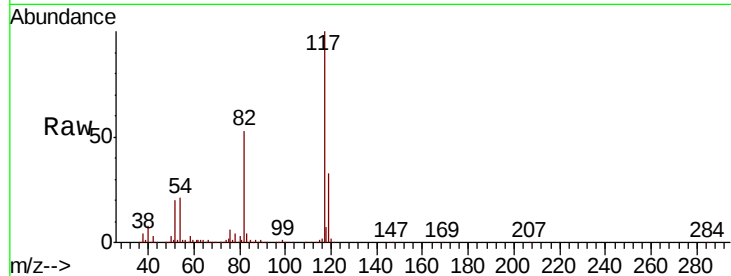




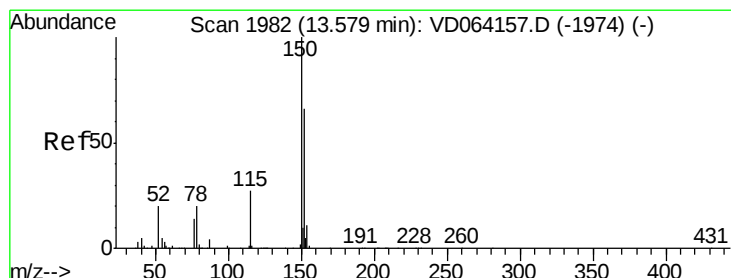
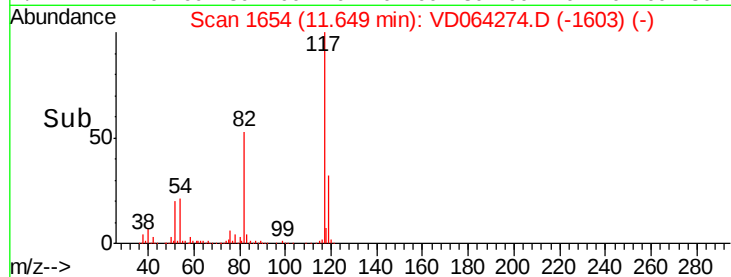
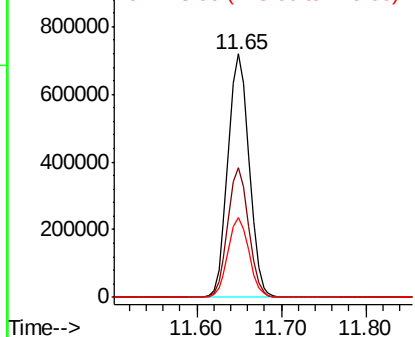
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1241570
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.5 25.6 38.4

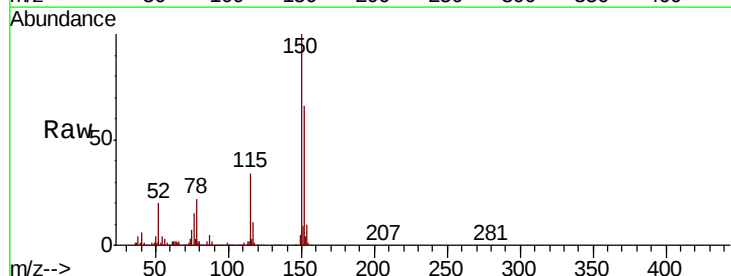


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

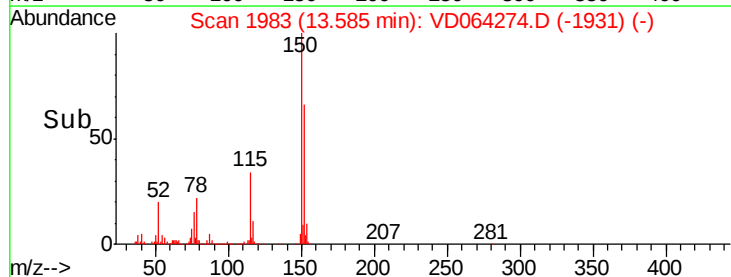
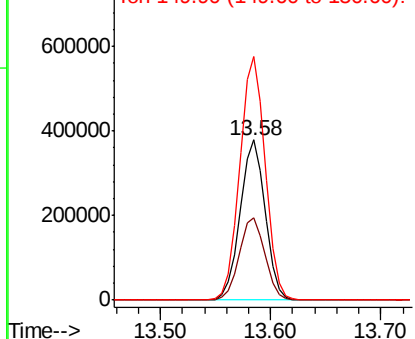


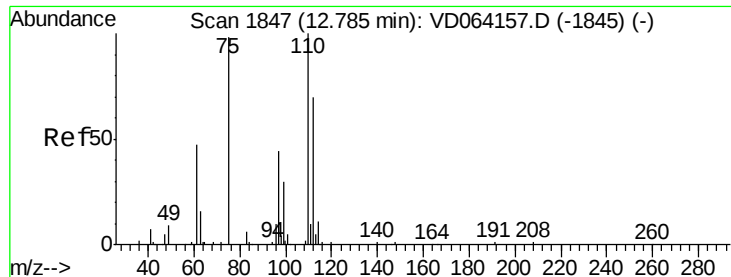
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064274.D
Acq: 18 Nov 2019 19:50

Tgt Ion:152 Resp: 603143
Ion Ratio Lower Upper
152 100
115 52.6 27.4 82.2
150 154.4 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: 56.376 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

Instrument :

MSVOA_D

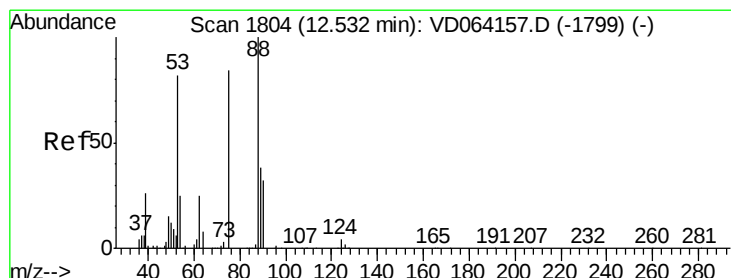
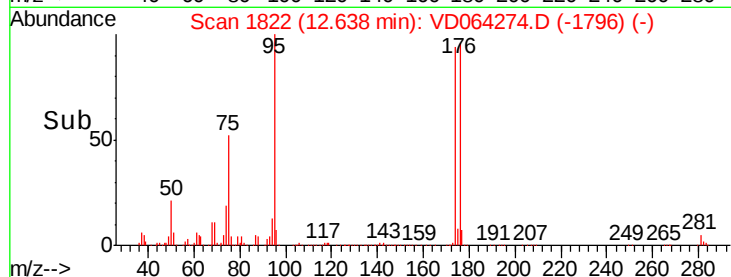
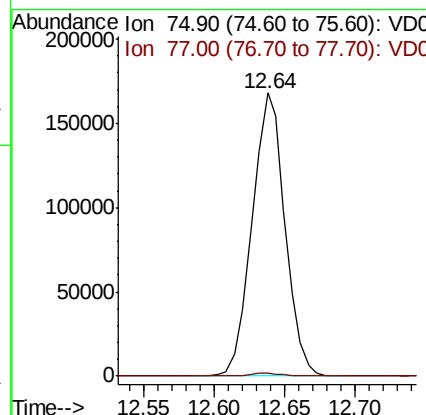
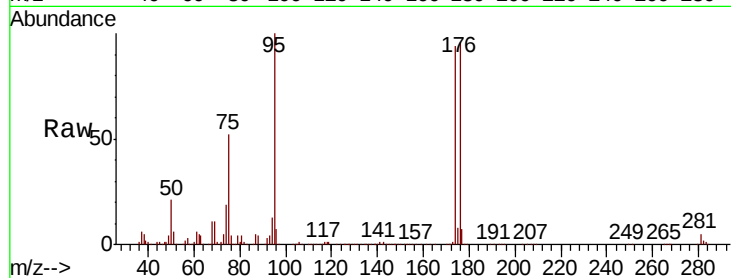
ClientSampleId :

Tot Ion: 75 Resp: 273880

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.984 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064274.D

Acq: 18 Nov 2019 19:50

Tgt Ion: 75 Resp: 273880

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

