

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064361.D
 Acq On : 25 Nov 2019 15:32
 Operator : VA/SY
 Sample : K5999-03
 Misc : 5.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 05:36:17 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	203003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158180	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	132429	79.32	ug/l	0.00
Spiked Amount			Recovery	=	158.64%	
35) Dibromofluoromethane	7.91	113	107881	58.15	ug/l	0.00
Spiked Amount			Recovery	=	116.30%	
50) Toluene-d8	10.34	98	382789	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.64	95	138679	57.21	ug/l	0.00
Spiked Amount			Recovery	=	114.42%	

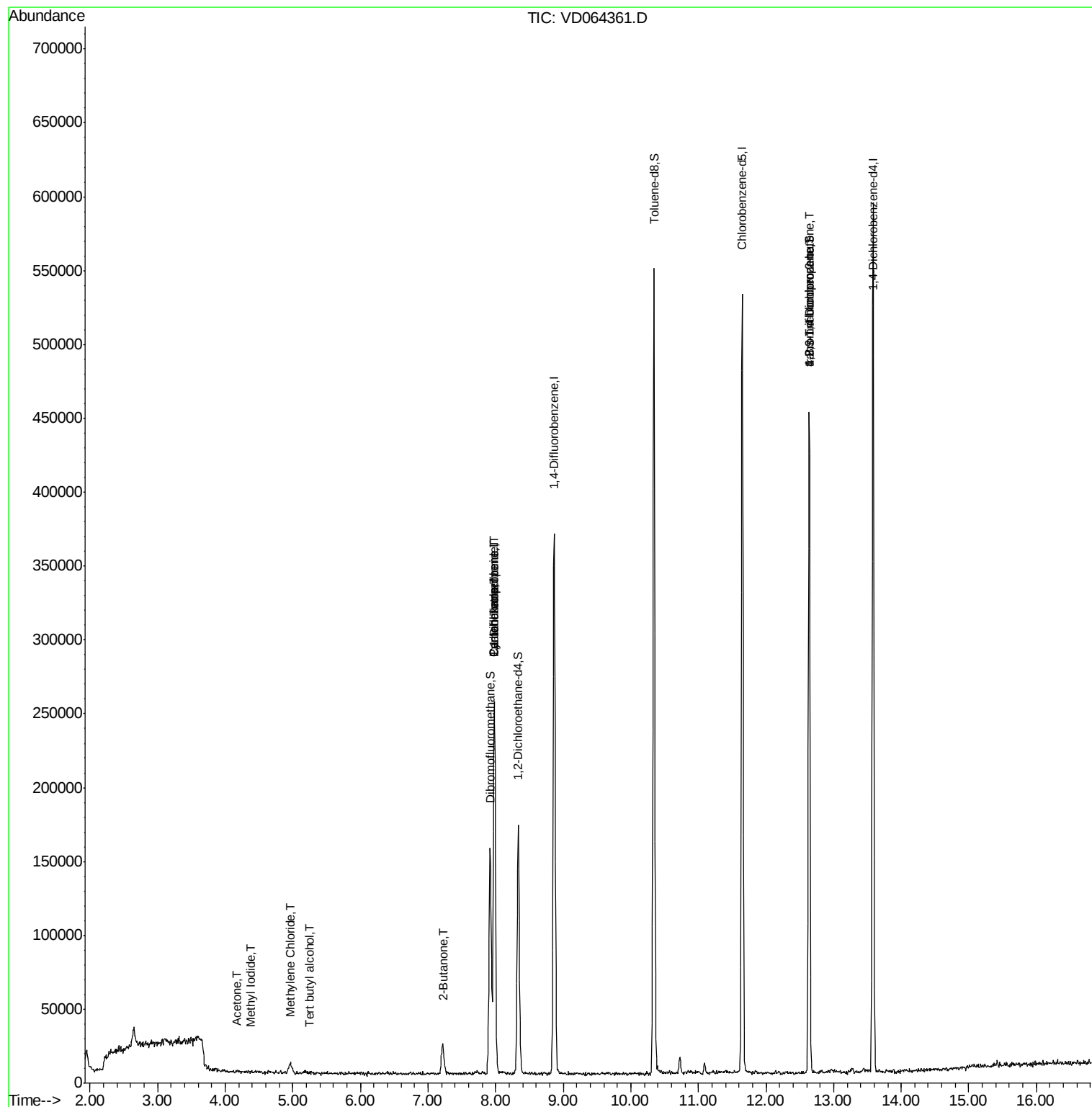
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.38	142	56	2.058	ug/l #	41
11) Tert butyl alcohol	5.25	59	162	1.389	ug/l #	69
16) Acetone	4.18	43	2118	5.355	ug/l #	45
20) Methylene Chloride	4.96	84	5414	2.710	ug/l #	75
25) 2-Butanone	7.23	43	599	1.172	ug/l #	49
31) Cyclohexane	7.99	56	4219	1.288	ug/l #	14
36) 1,1-Dichloropropene	7.98	75	13486	4.521	ug/l #	51
38) Carbon Tetrachloride	7.99	117	18748	5.874	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	74092	58.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	74092	115.514	ug/l #	10

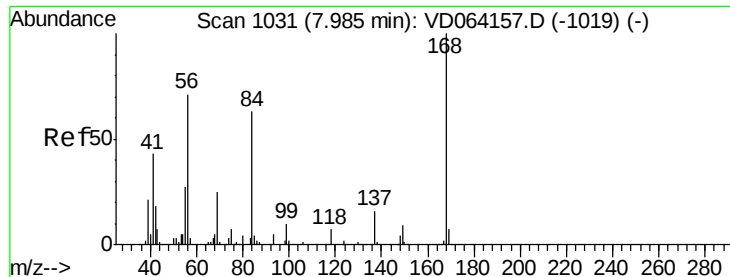
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064361.D
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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: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

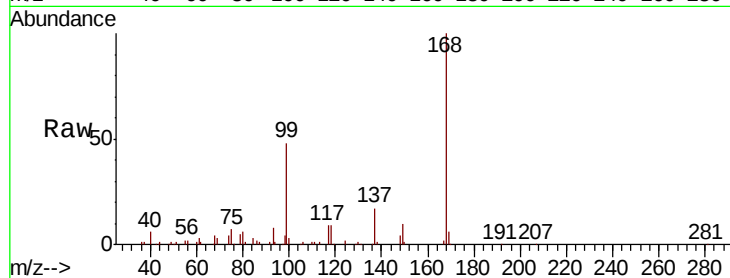
ClientSampleId :

Tot Ion:168 Resp: 203003

Ion Ratio Lower Upper

168 100

99 48.0 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

80000

60000

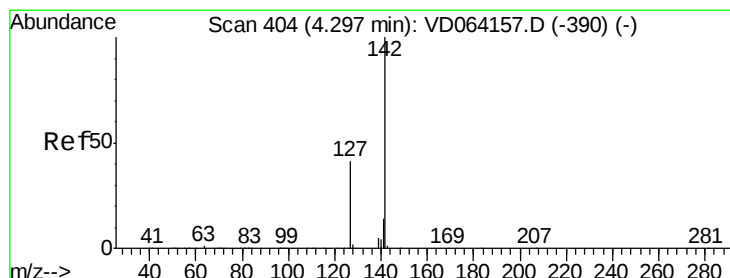
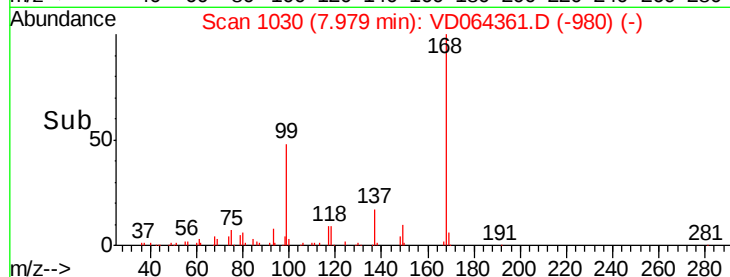
40000

20000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.058 ug/l

RT: 4.38 min Scan# 418

Delta R.T. 0.08 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

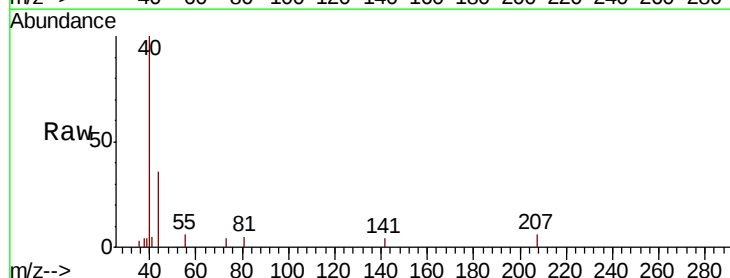
Tgt Ion:142 Resp: 56

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

4.38

200

150

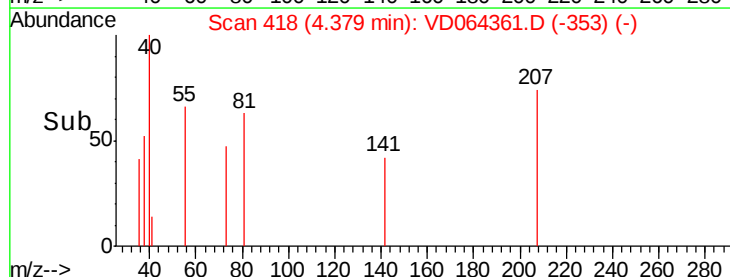
100

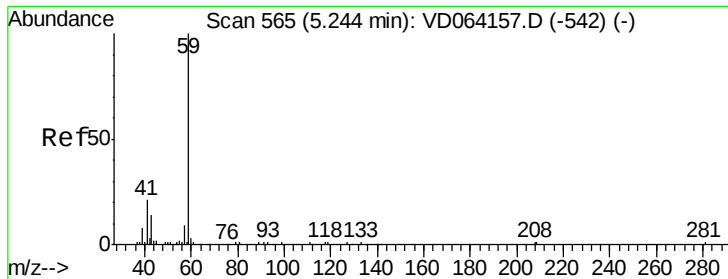
50

0

4.36 4.37 4.38 4.39

Time-->

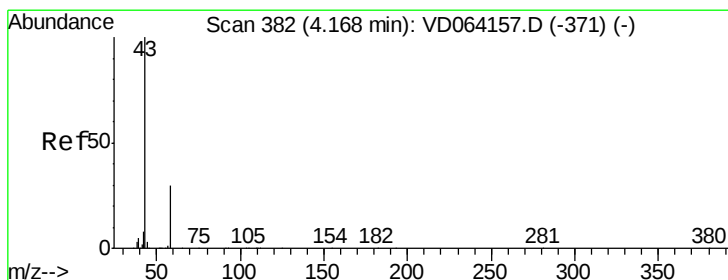
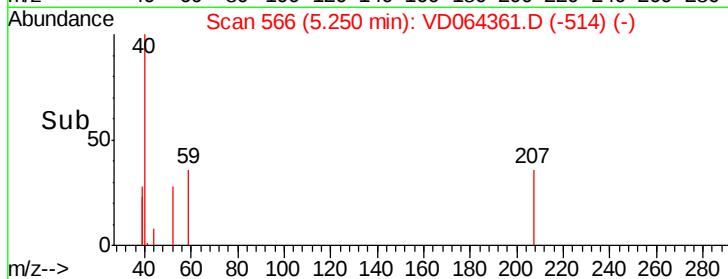
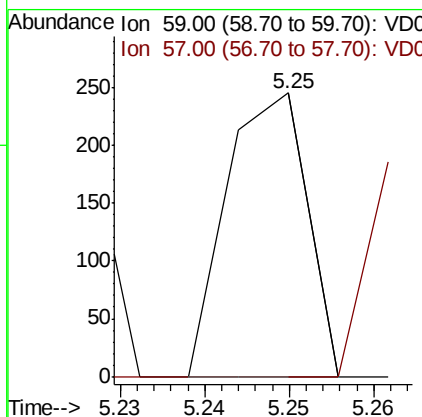
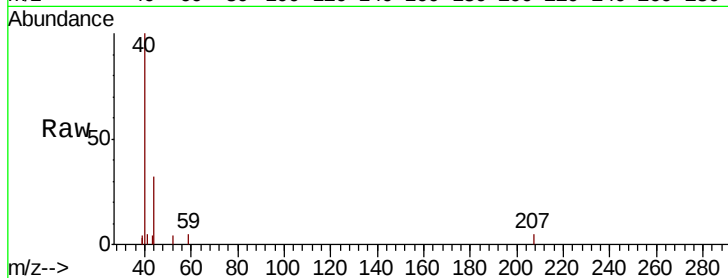




#11
Tert butyl alcohol
Concen: 1.389 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

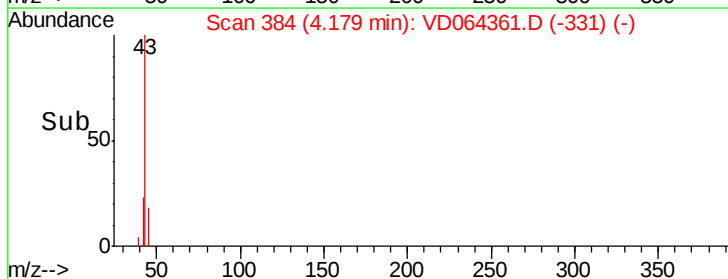
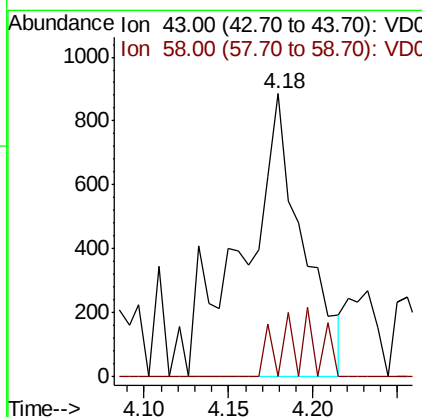
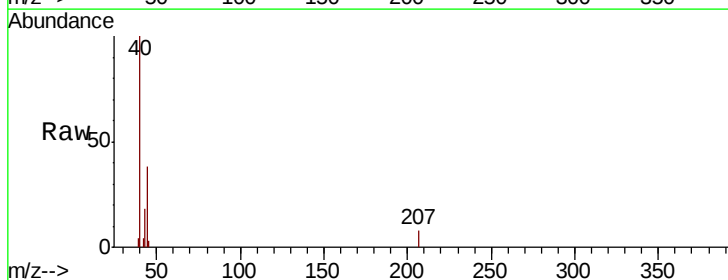
Instrument :
MSVOA_D
ClientSampled :

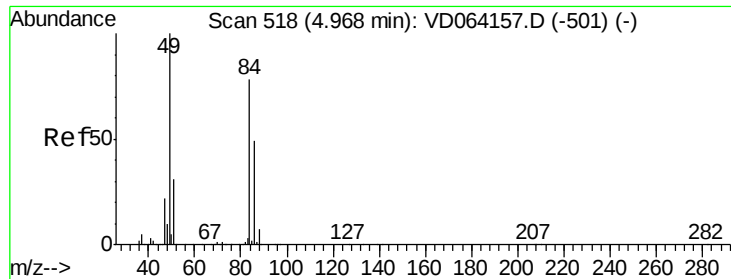
Tot Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.2#



#16
Acetone
Concen: 5.355 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

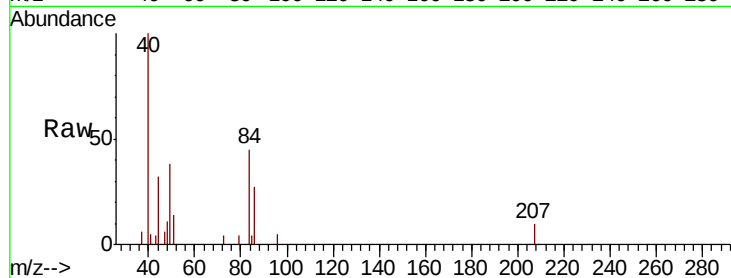




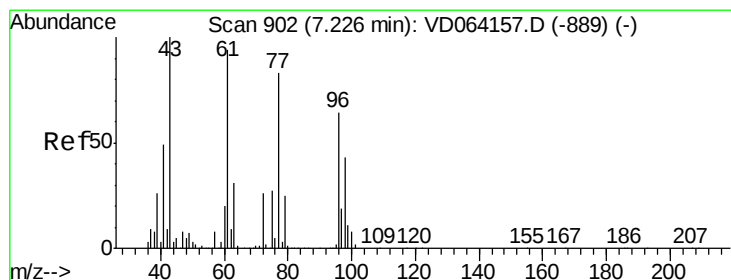
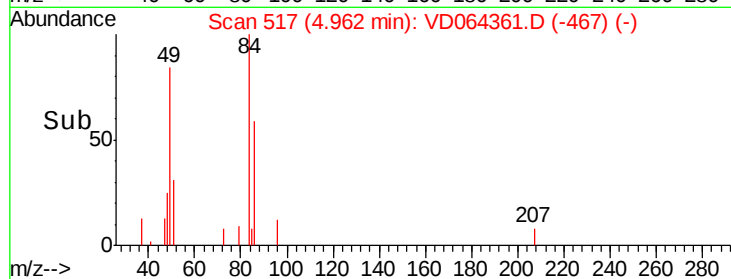
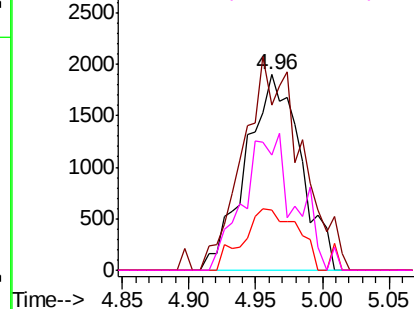
#20
Methvlene Chloride
Concen: 2.710 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 5414
Ion Ratio Lower Upper
84 100
49 84.4 102.1 153.1#
51 30.9 32.2 48.2#
86 58.9 49.9 74.9

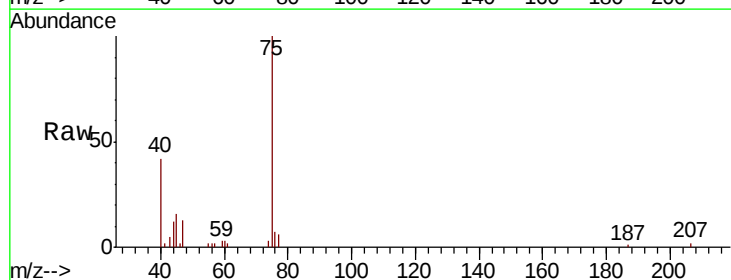


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

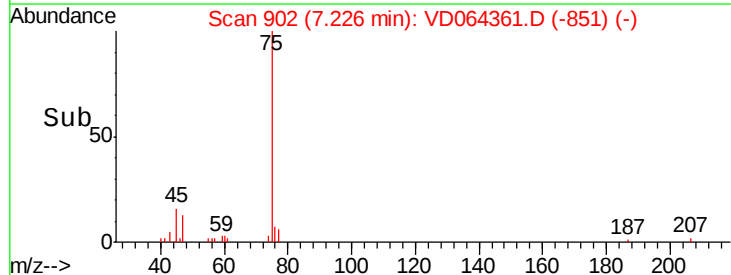
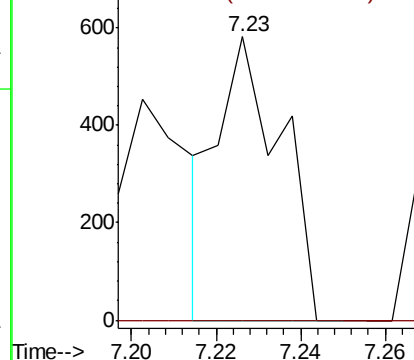


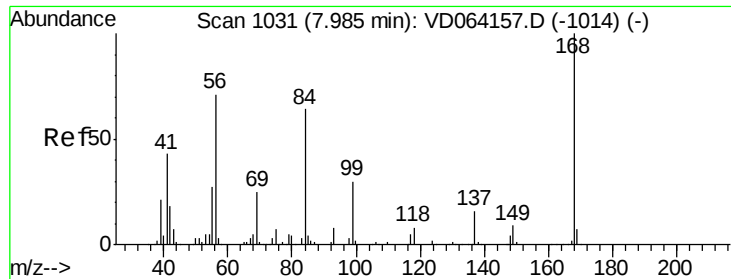
#25
2-Butanone
Concen: 1.172 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.288 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :
MSVOA_D
ClientSampleId :

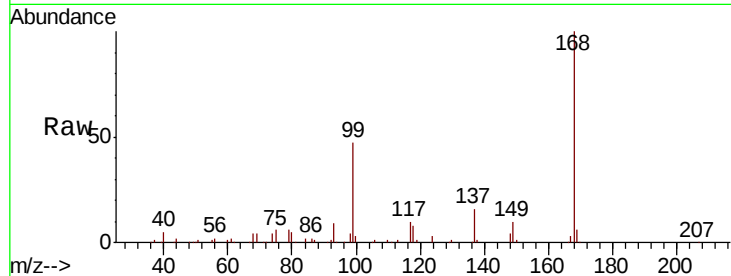
Tot Ion: 56 Resp: 4219

Ion Ratio Lower Upper

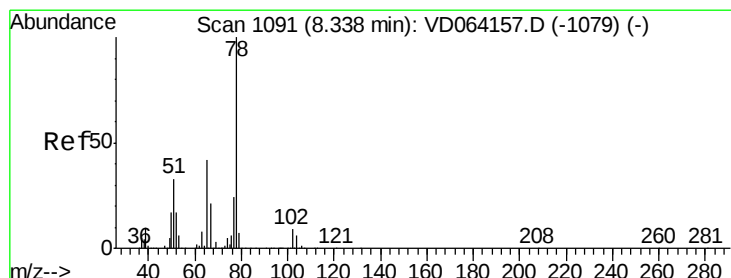
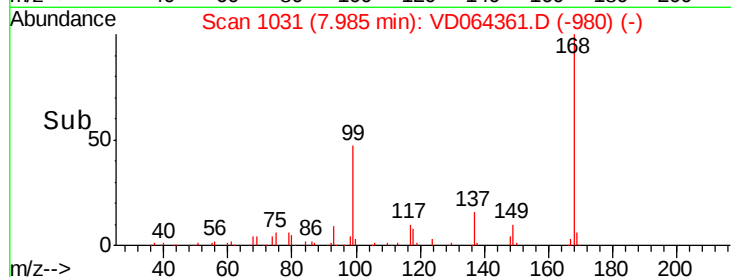
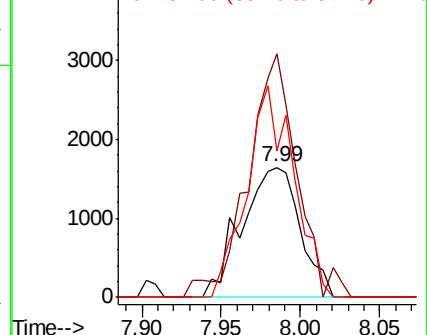
56 100

69 176.2 28.2 42.4#

84 112.3 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: 79.319 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064361.D

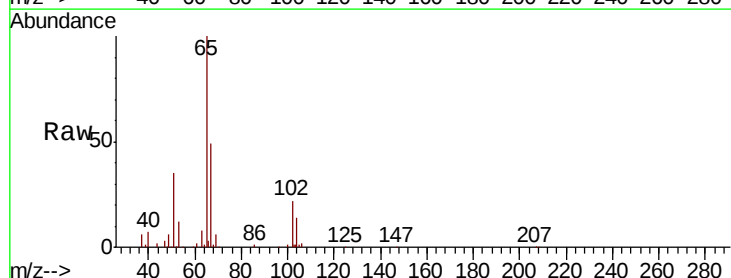
Acq: 25 Nov 2019 15:32

Tgt Ion: 65 Resp: 132429

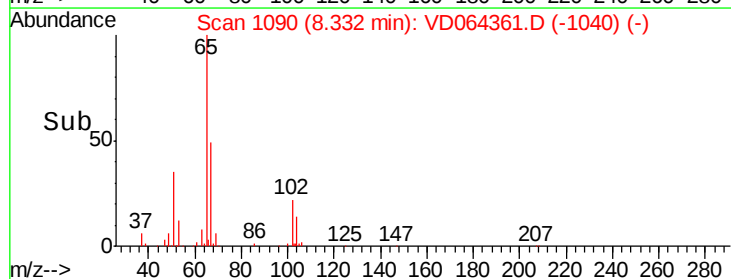
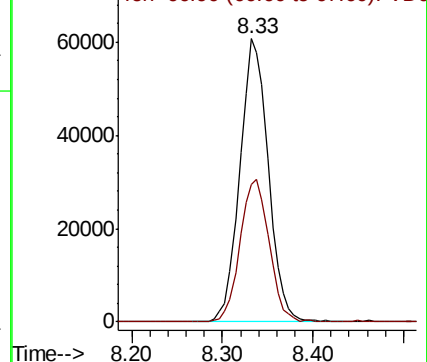
Ion Ratio Lower Upper

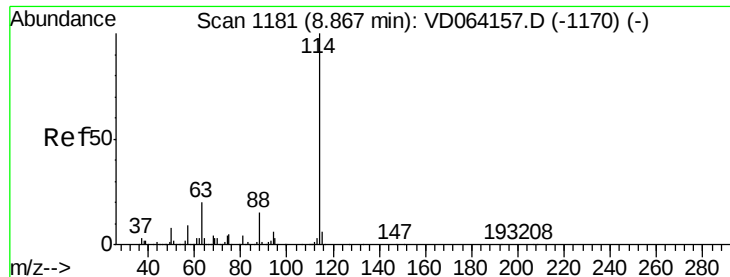
65 100

67 51.4 0.0 104.4



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

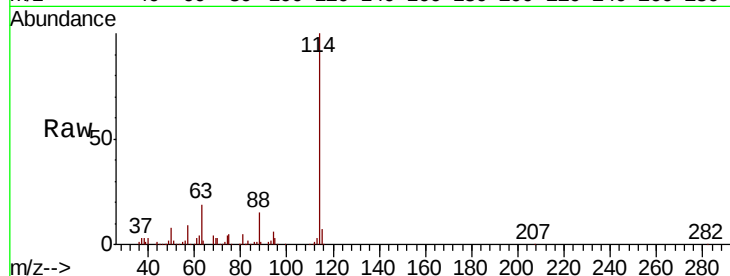




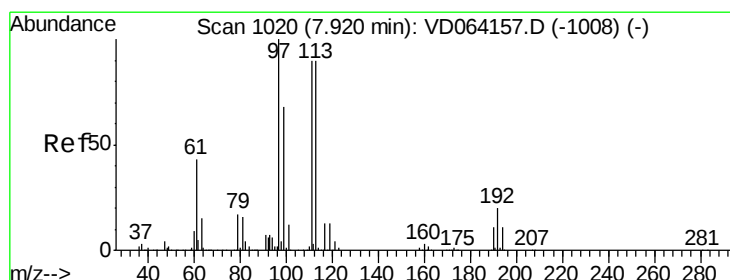
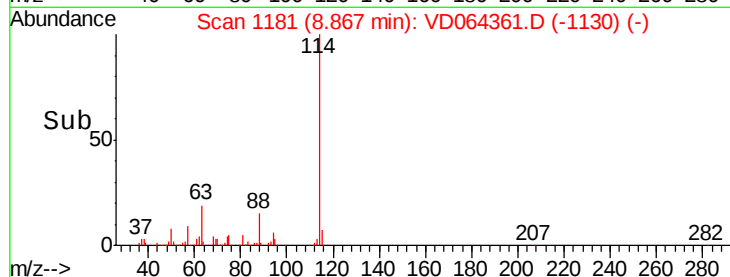
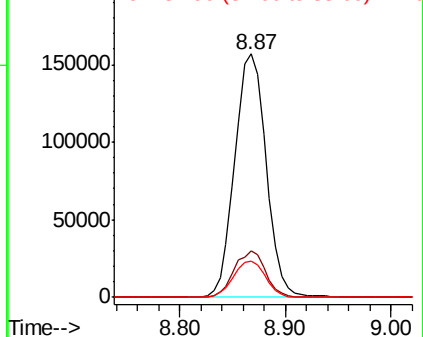
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064361.D
 Acq: 25 Nov 2019 15:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 323224
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.9 0.0 30.2

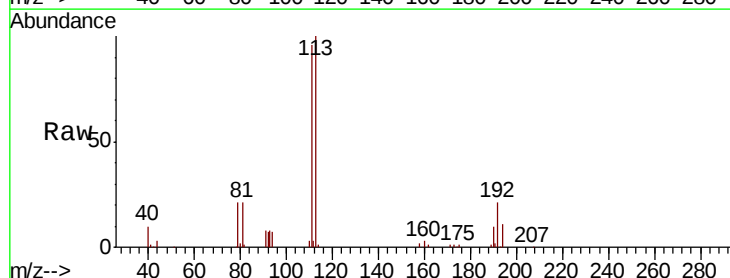


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

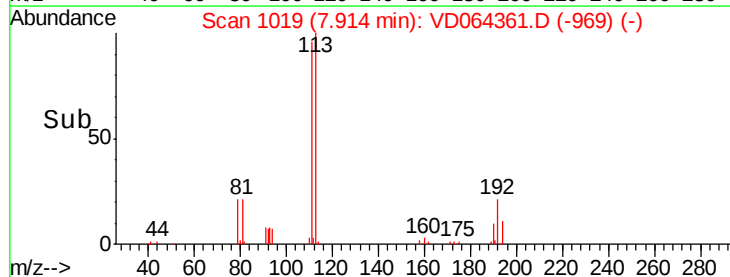
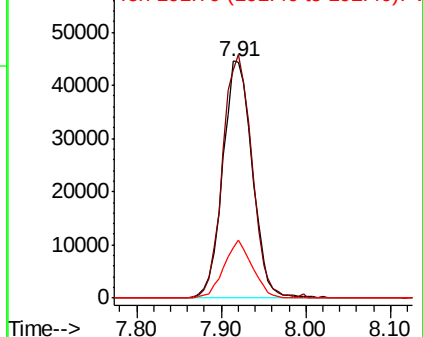


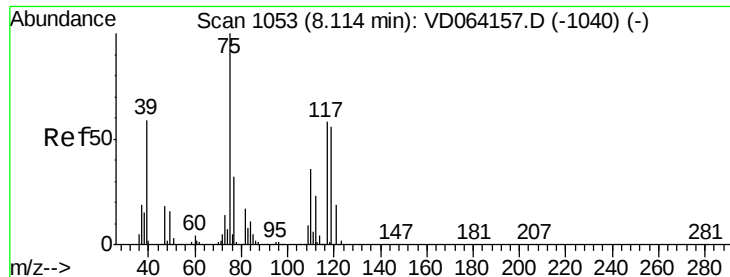
#35
 Dibromofluoromethane
 Concen: 58.146 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064361.D
 Acq: 25 Nov 2019 15:32

Tgt Ion:113 Resp: 107881
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 23.4 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: 4.521 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

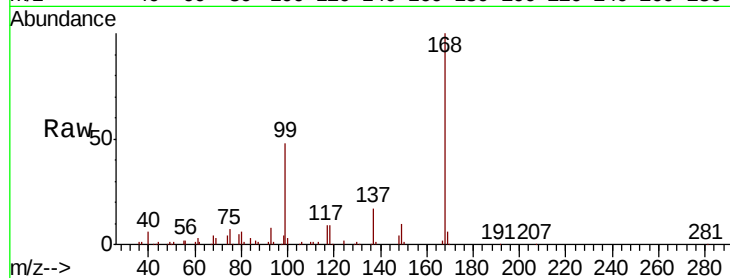
Tot Ion: 75 Resp: 13486

Ion Ratio Lower Upper

75 100

110 11.3 18.3 54.9#

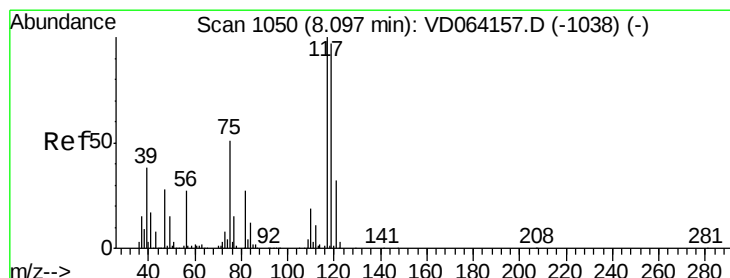
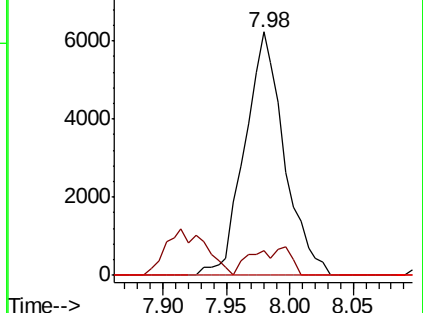
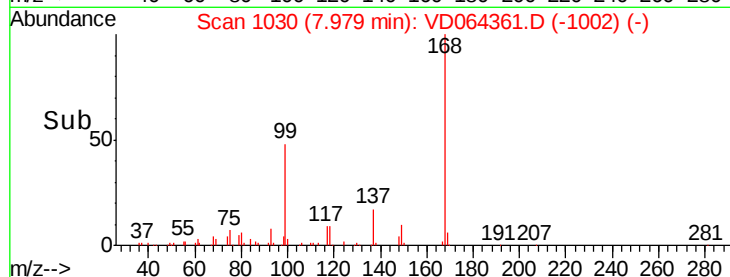
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.874 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

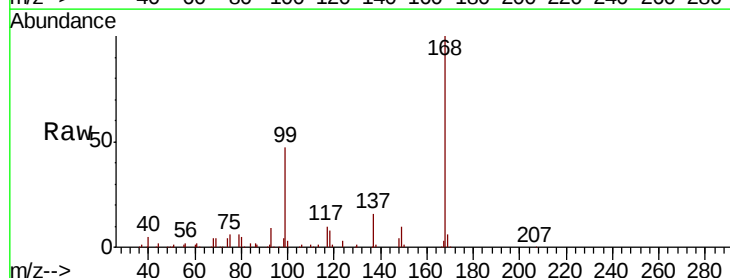
Tgt Ion: 117 Resp: 18748

Ion Ratio Lower Upper

117 100

119 7.2 77.2 115.8#

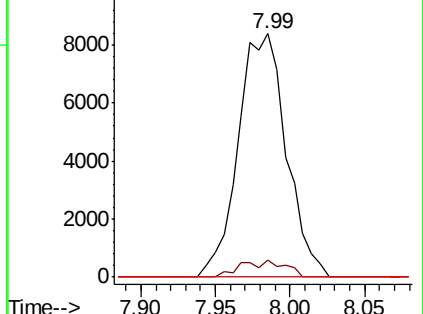
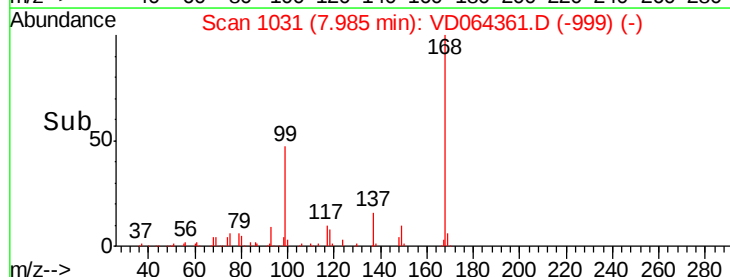
121 0.0 25.5 38.3#

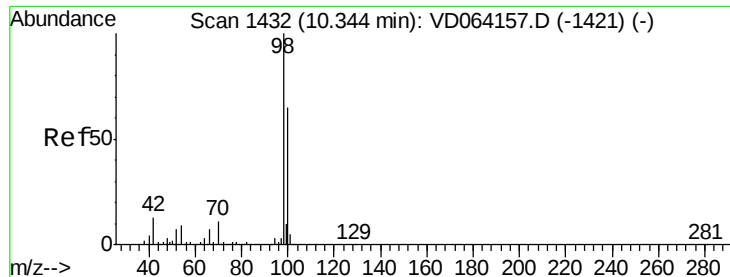


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 54.690 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

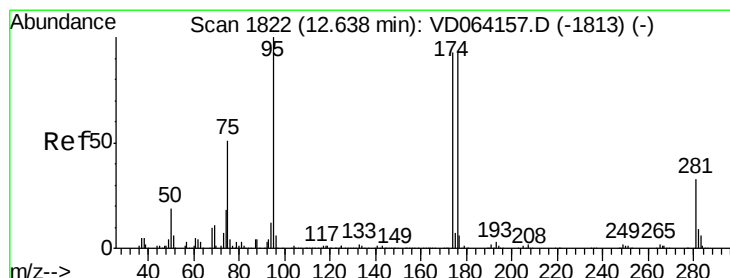
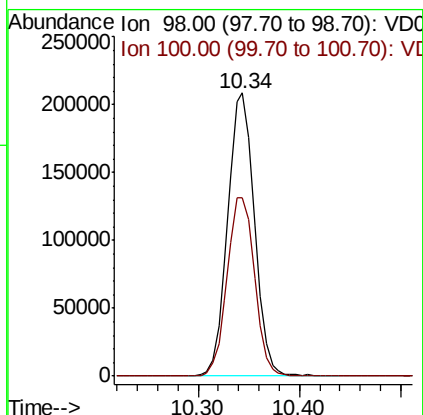
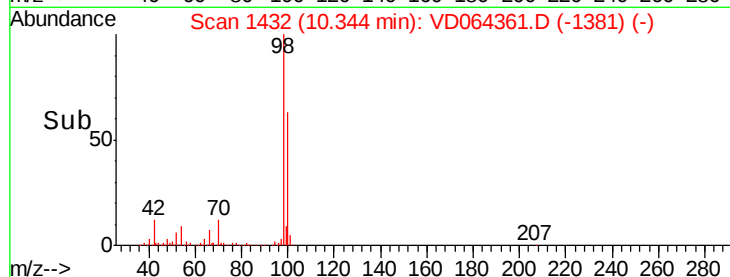
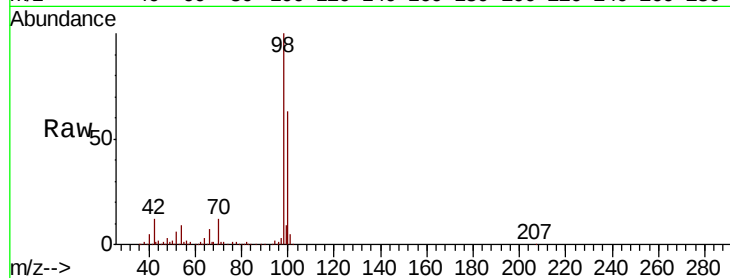
ClientSampleId :

Tot Ion: 98 Resp: 382789

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.214 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

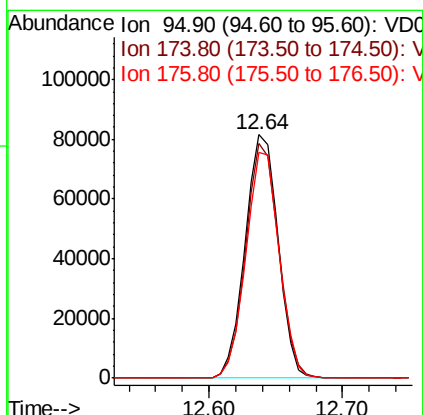
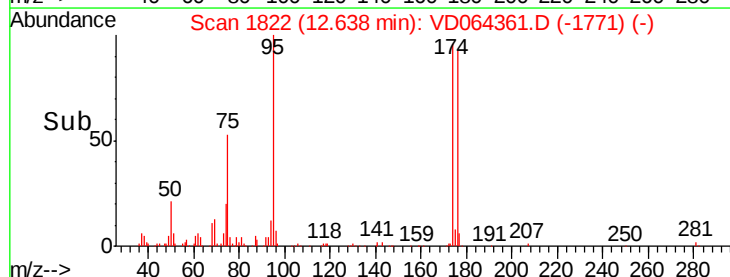
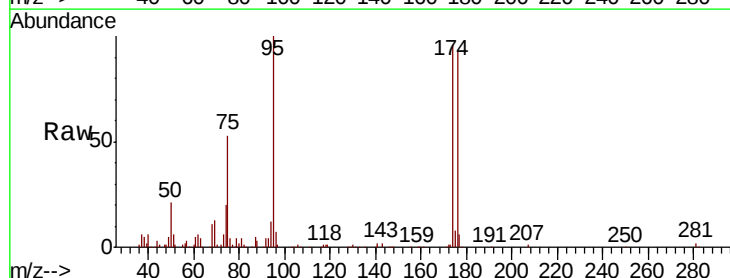
Tgt Ion: 95 Resp: 138679

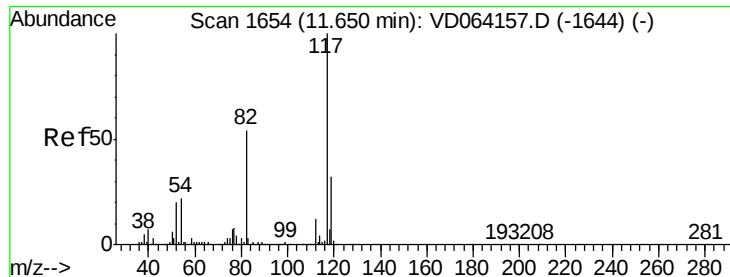
Ion Ratio Lower Upper

95 100

174 96.2 0.0 183.6

176 93.6 0.0 180.2

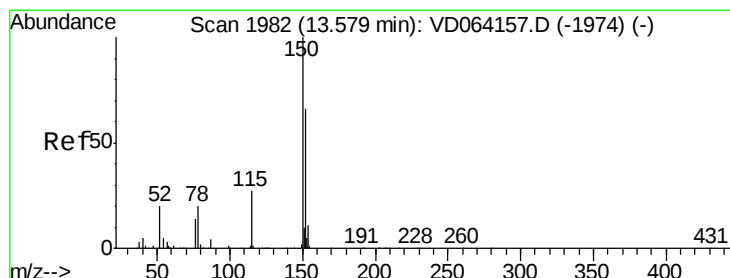
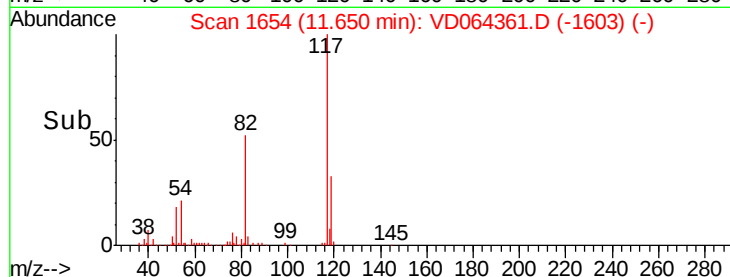
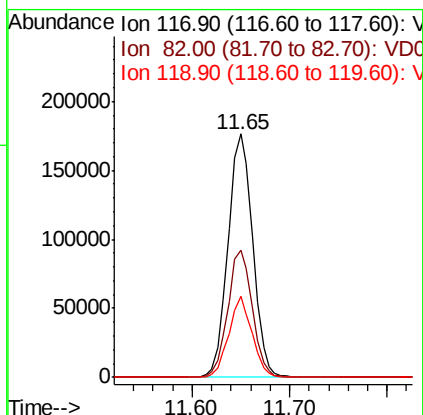
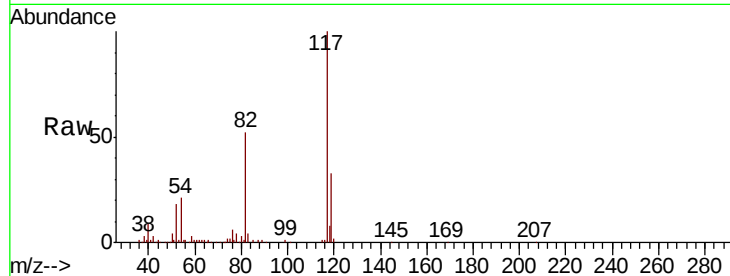




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

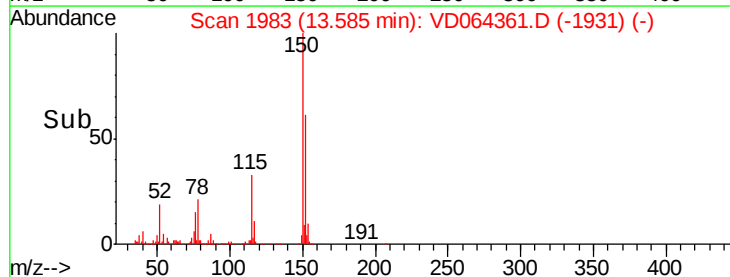
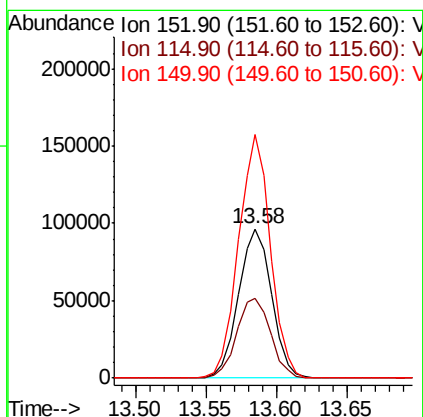
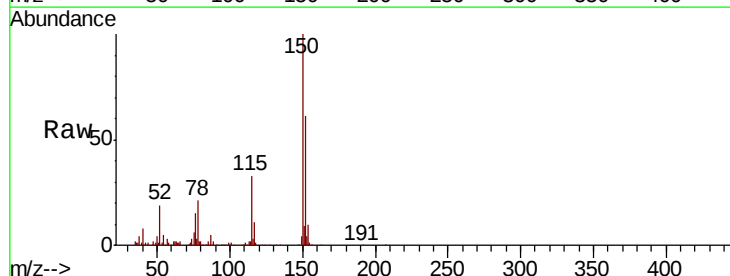
Instrument :
MSVOA_D
ClientSampleId :

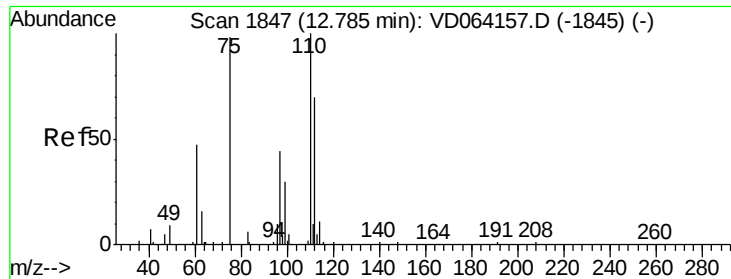
Tot Ion:117 Resp: 310018
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 33.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064361.D
Acq: 25 Nov 2019 15:32

Tgt Ion:152 Resp: 158180
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 156.7 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 58.153 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Instrument :

MSVOA_D

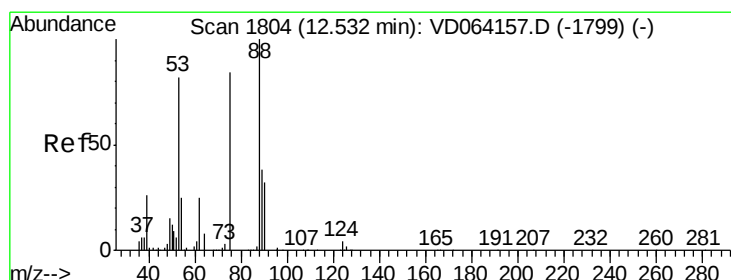
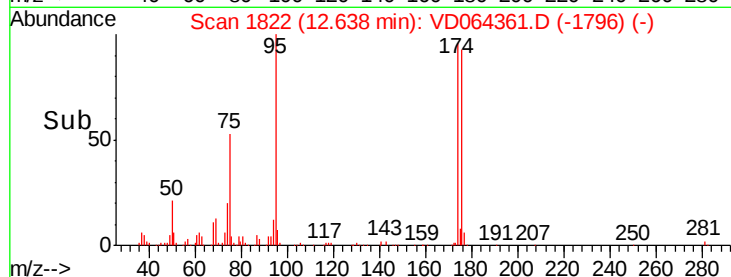
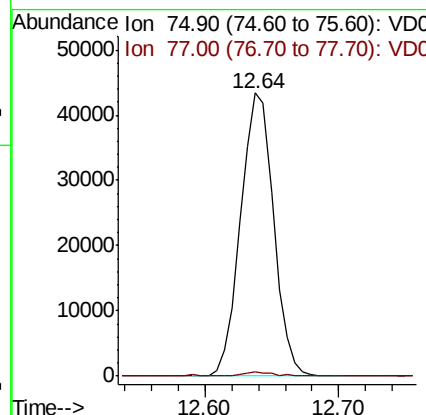
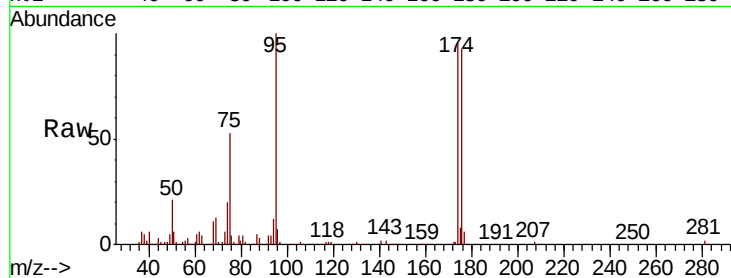
ClientSampleId :

Tot Ion: 75 Resp: 74092

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.514 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064361.D

Acq: 25 Nov 2019 15:32

Tgt Ion: 75 Resp: 74092

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

