

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064267.D
 Acq On : 18 Nov 2019 16:28
 Operator : VA/SY
 Sample : K5906-01
 Misc : 6.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:38:53 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	1031274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1513764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1318120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	626668	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	430977	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	7.92	113	455298	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	10.34	98	1778652	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.64	95	556419	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	

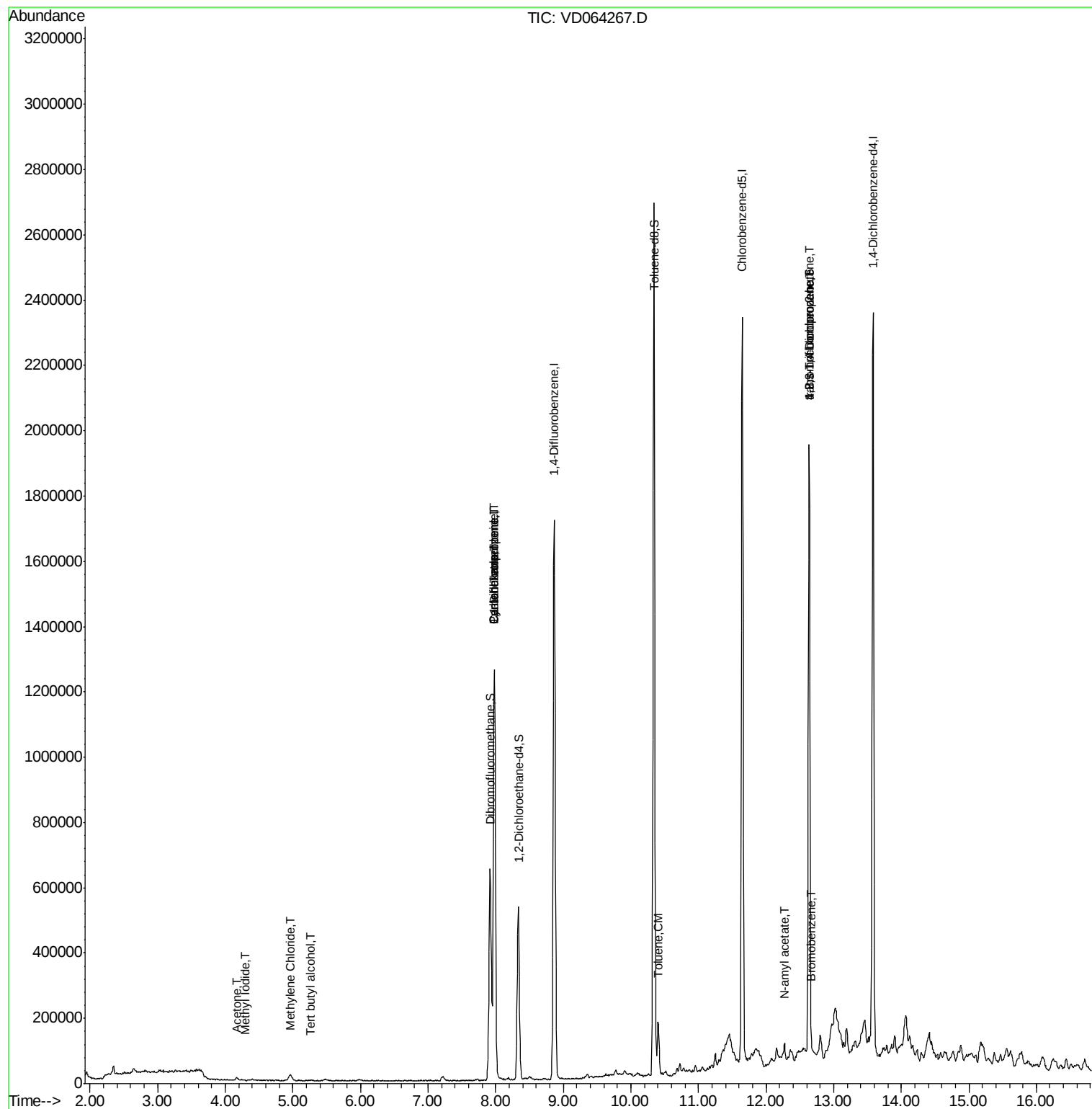
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	120	2.042	ug/l #	8
11) Tert butyl alcohol	5.26	59	2843	4.799	ug/l #	82
16) Acetone	4.16	43	11531	5.739	ug/l	98
20) Methylene Chloride	4.97	84	13860	1.366	ug/l #	81
31) Cyclohexane	7.98	56	21073	1.266	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	68652	4.914	ug/l #	49
38) Carbon Tetrachloride	7.98	117	93851	6.278	ug/l #	15
52) Toluene	10.41	92	65788	2.620	ug/l	97
74) N-amyl acetate	12.27	43	12961	1.193	ug/l #	54
76) 1,2,3-Trichloropropane	12.64	75	288367	57.129	ug/l #	100
77) Bromobenzene	12.67	156	16655	1.490	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	288367	113.481	ug/l #	10

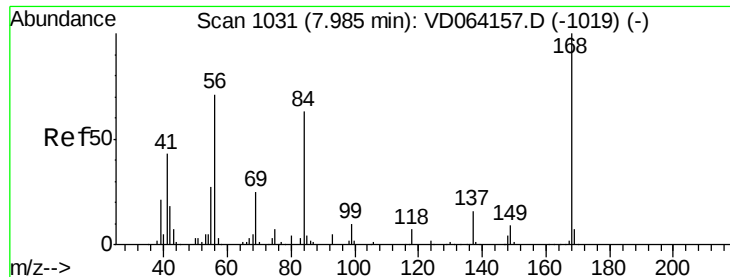
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
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Quant Time: Nov 19 04:38:53 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: VD064267.D

Acq: 18 Nov 2019 16:28

Instrument :

MSVOA_D

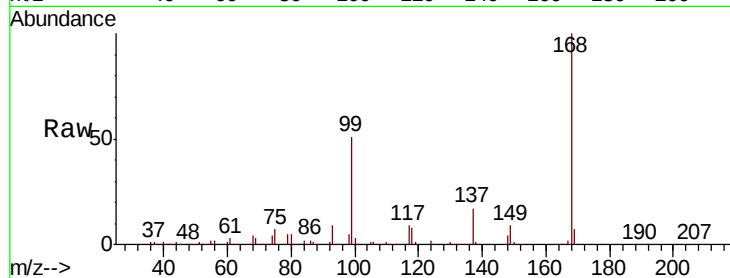
ClientSampleId :

Tot Ion:168 Resp: 1031274

Ion Ratio Lower Upper

168 100

99 51.0 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

400000

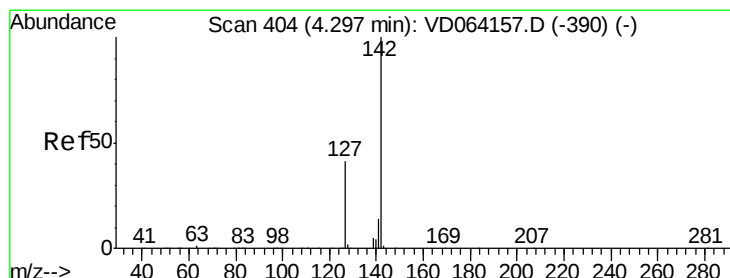
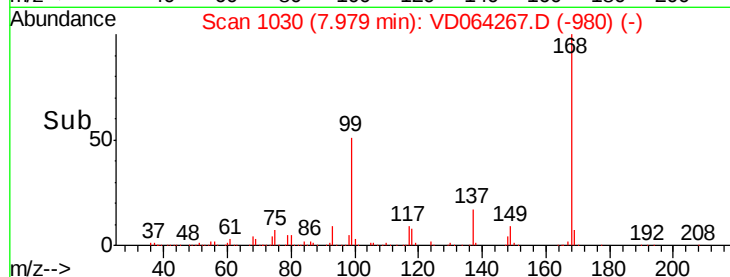
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.042 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

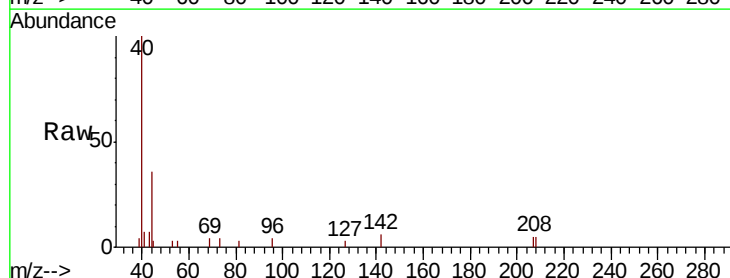
Tgt Ion:142 Resp: 120

Ion Ratio Lower Upper

142 100

127 114.2 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

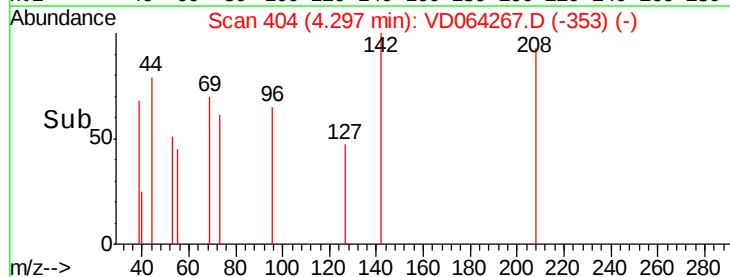
300

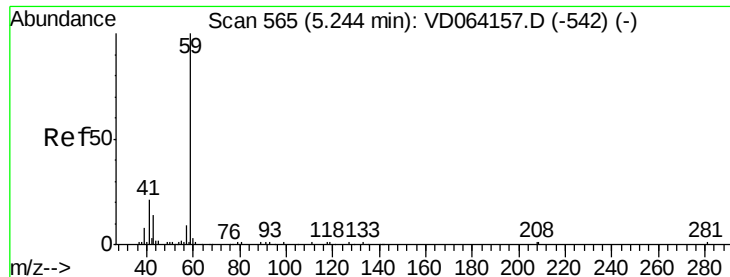
200

100

0

Time-->

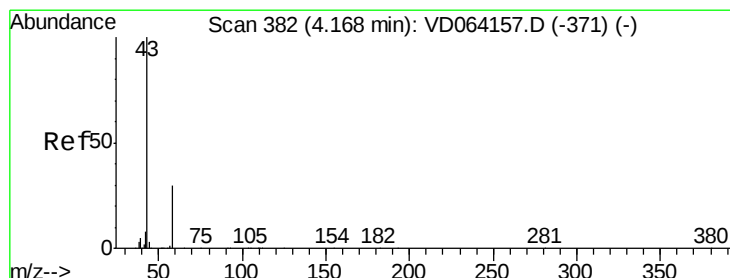
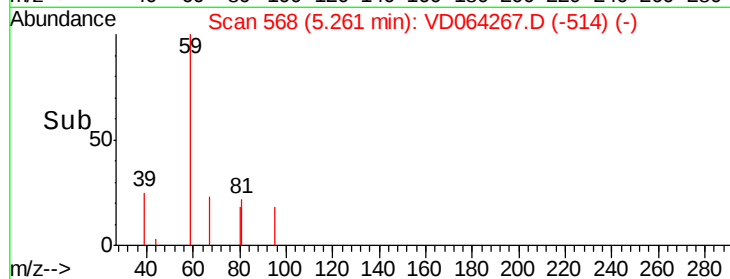
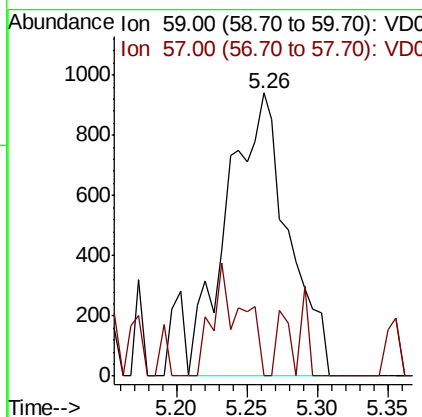
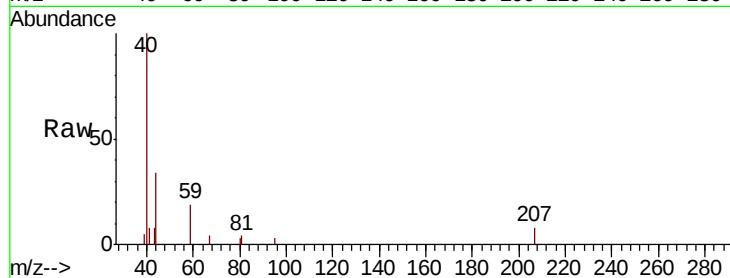




#11
Tert butyl alcohol
Concen: 4.799 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

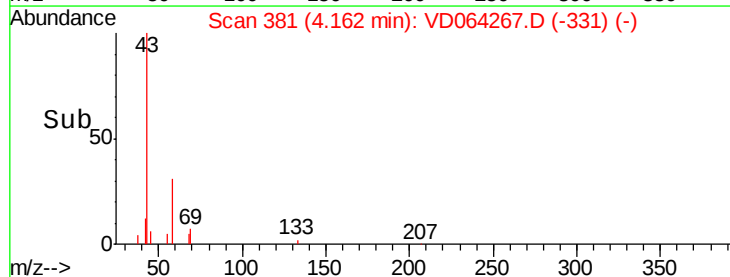
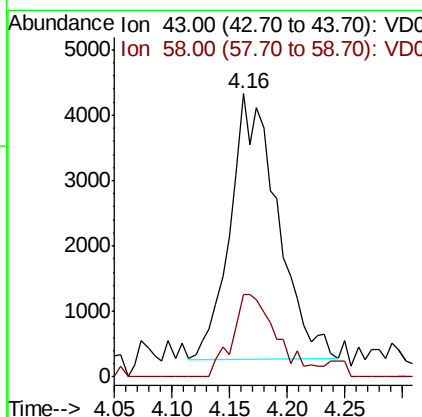
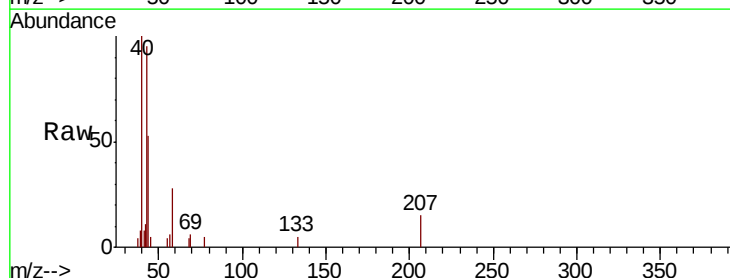
Instrument :
MSVOA_D
ClientSampled :

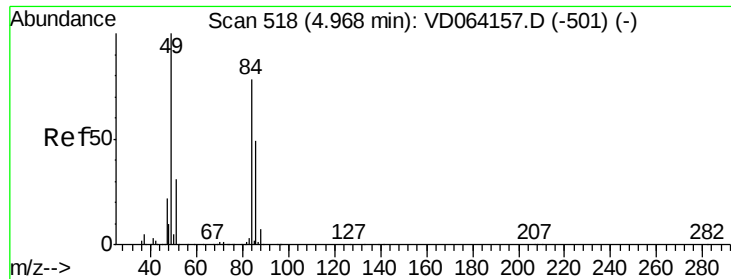
Tot Ion: 59 Resp: 2843
Ion Ratio Lower Upper
59 100
57 4.9 9.4 14.2#



#16
Acetone
Concen: 5.739 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

Tgt Ion: 43 Resp: 11531
Ion Ratio Lower Upper
43 100
58 31.0 24.1 36.1

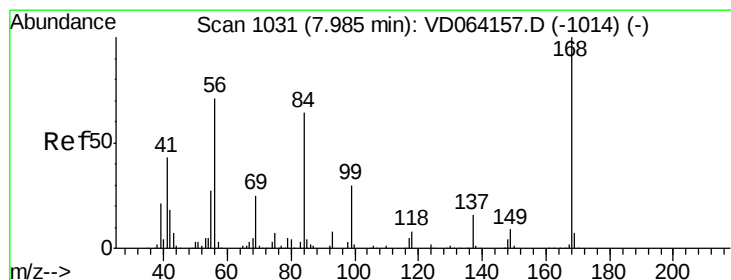
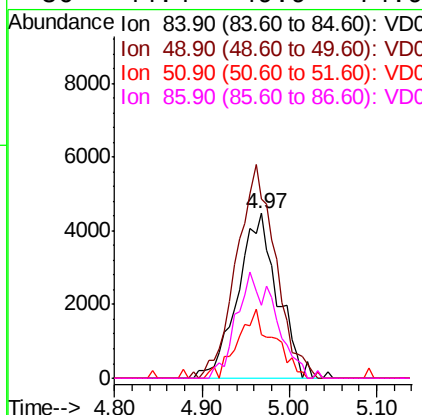
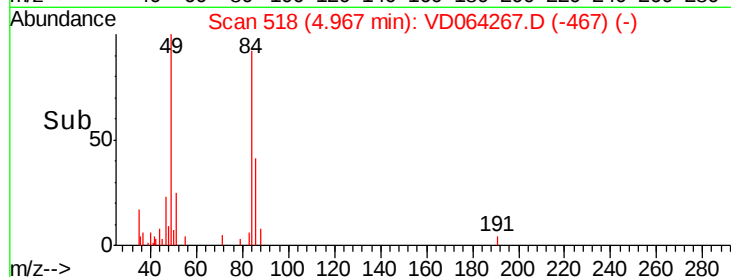
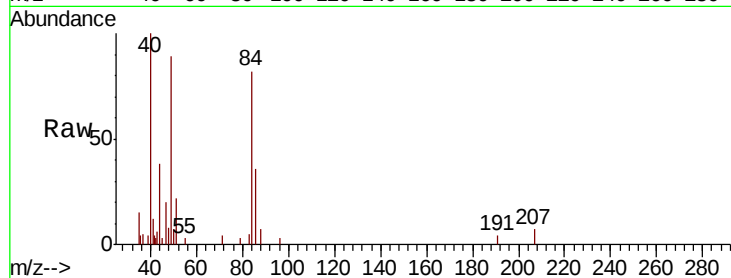




#20
Methylene Chloride
Concen: 1.366 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

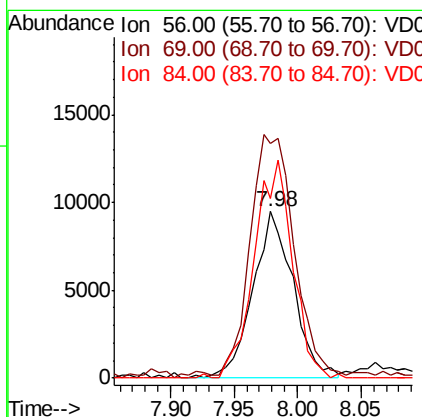
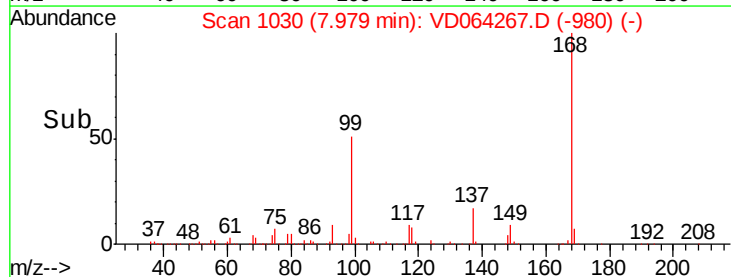
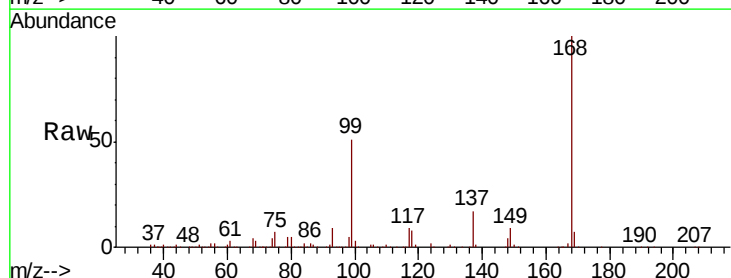
Instrument :
MSVOA_D
ClientSampleId :

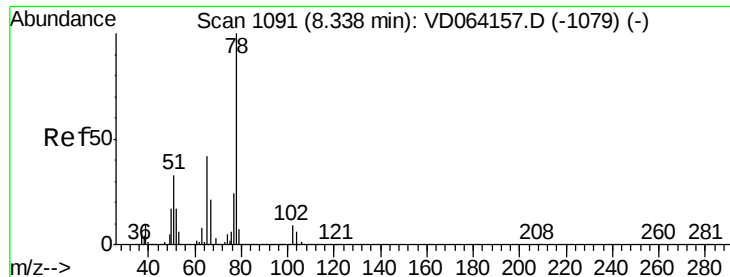
Tot Ion: 84 Resp: 13860
Ion Ratio Lower Upper
84 100
49 108.6 102.1 153.1
51 26.8 32.2 48.2#
86 44.4 49.9 74.9#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

Tgt Ion: 56 Resp: 21073
Ion Ratio Lower Upper
56 100
69 139.0 28.2 42.4#
84 108.0 71.8 107.6#

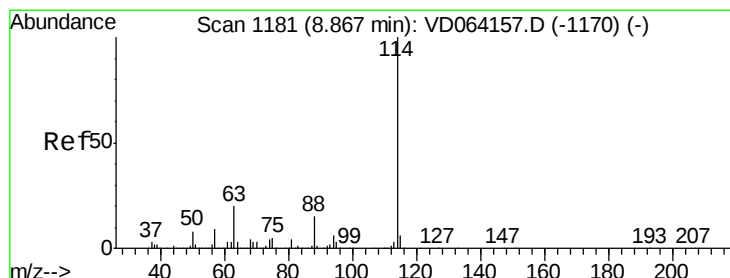
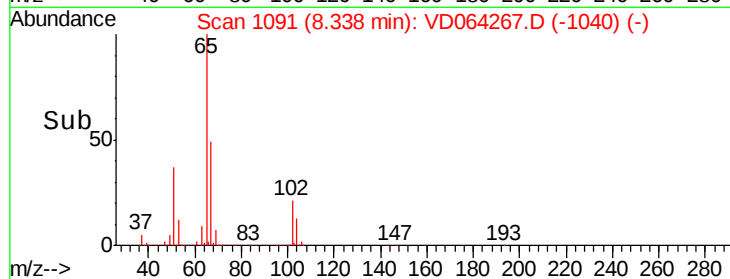
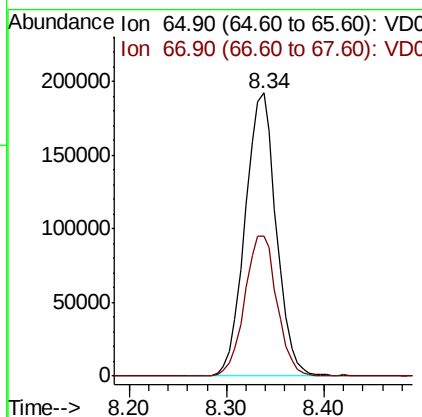
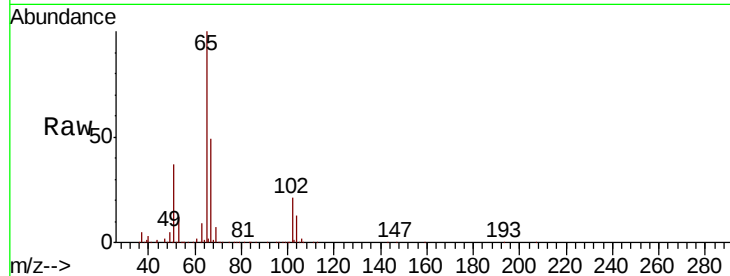




#33
 1,2-Dichloroethane-d4
 Concen: 50.813 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064267.D
 Acq: 18 Nov 2019 16:28

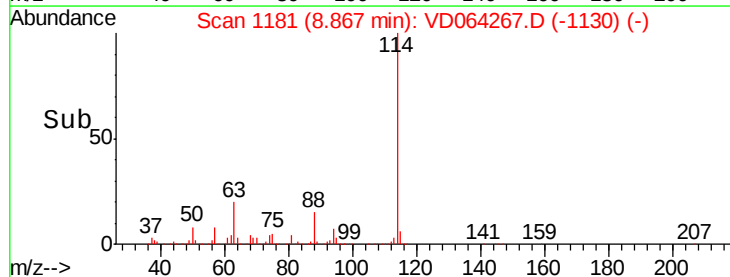
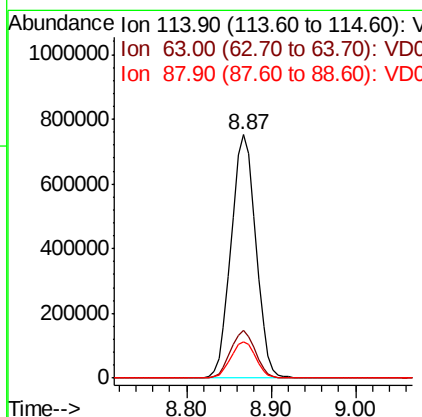
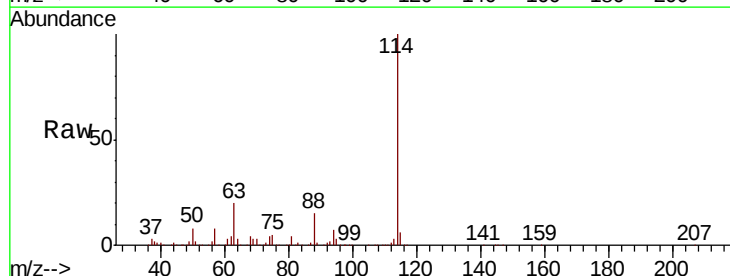
Instrument :
 MSVOA_D
 ClientSampled :

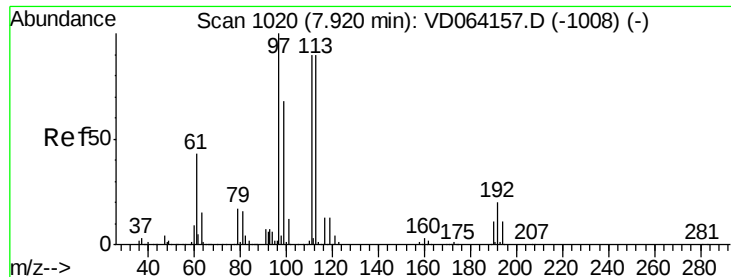
Tot Ion: 65 Resp: 430977
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064267.D
 Acq: 18 Nov 2019 16:28

Tgt Ion: 114 Resp: 1513764
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.9 0.0 30.2

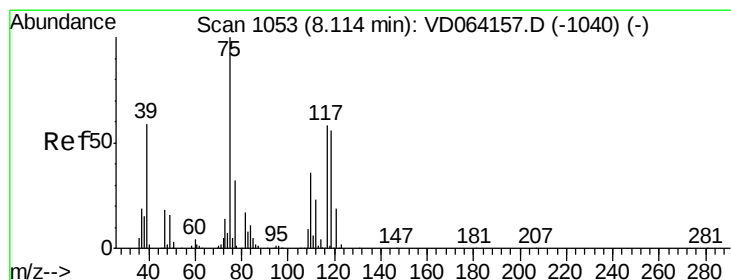
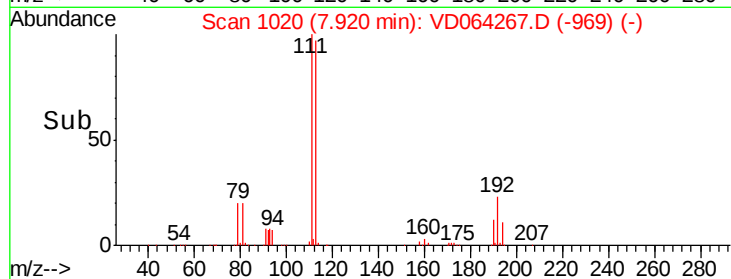
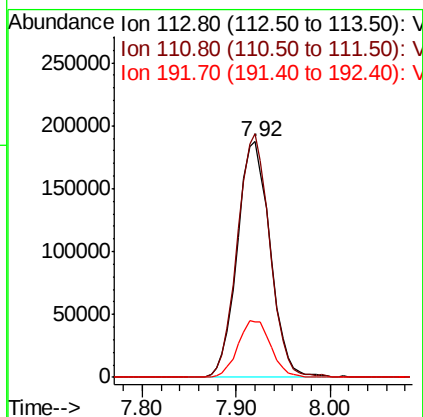
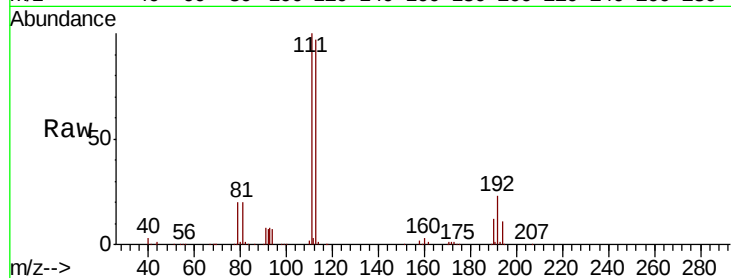




#35
 Dibromofluoromethane
 Concen: 52.398 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064267.D
 Acq: 18 Nov 2019 16:28

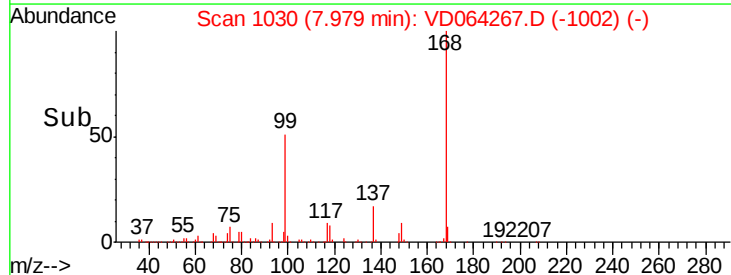
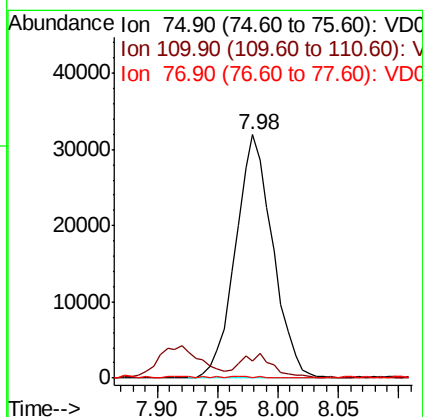
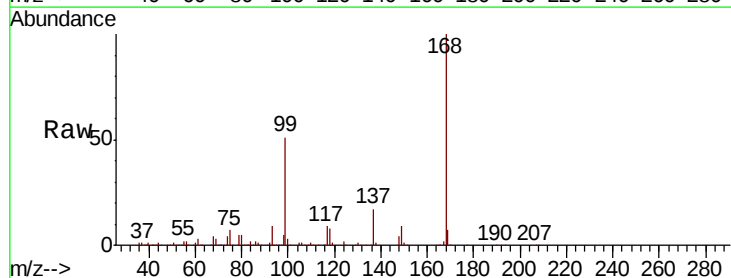
Instrument :
 MSVOA_D
 ClientSampled :

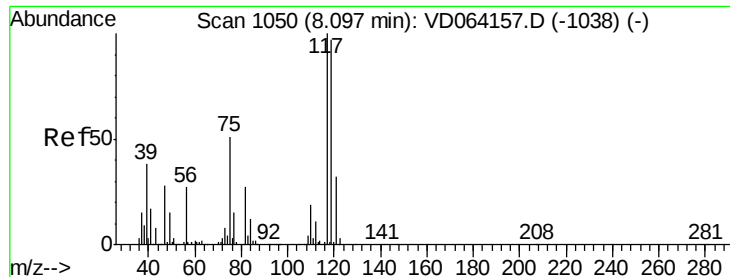
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	24.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.914 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064267.D
 Acq: 18 Nov 2019 16:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.3	54.9#
77	0.3	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.278 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

Instrument :

MSVOA_D

ClientSampled :

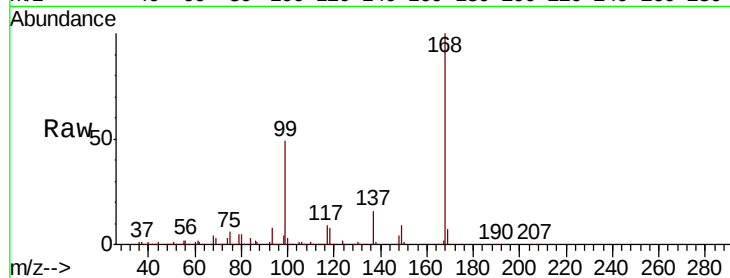
Tot Ion:117 Resp: 93851

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

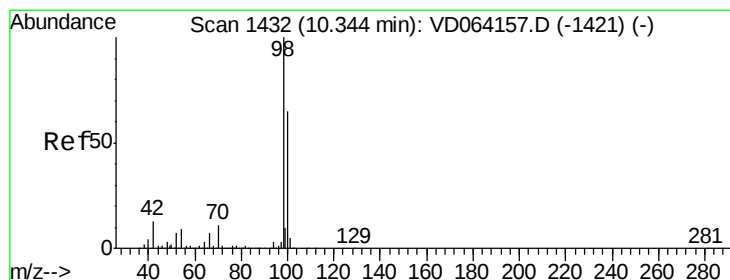
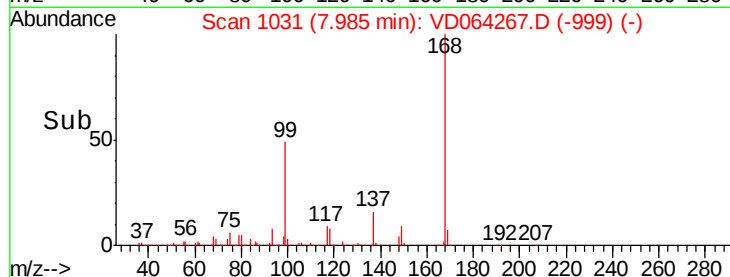
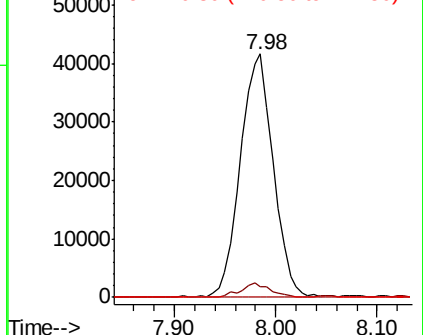
121 0.0 25.5 38.3#



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: 54.261 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064267.D

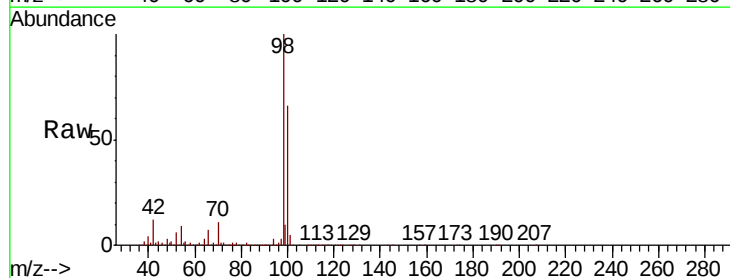
Acq: 18 Nov 2019 16:28

Tgt Ion: 98 Resp: 1778652

Ion Ratio Lower Upper

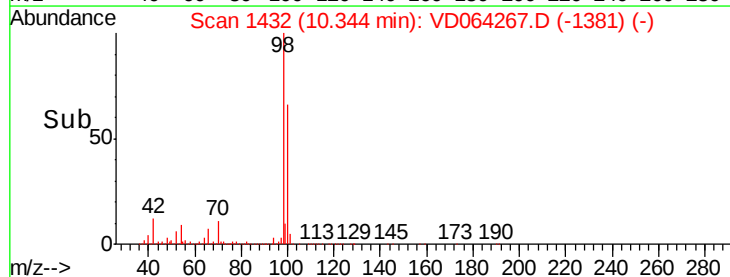
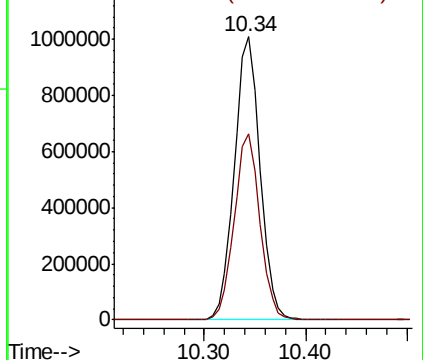
98 100

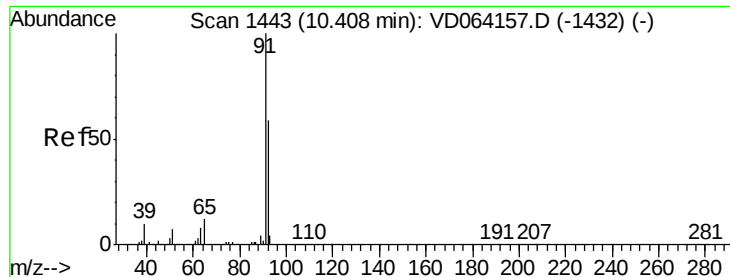
100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.620 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

Instrument :

MSVOA_D

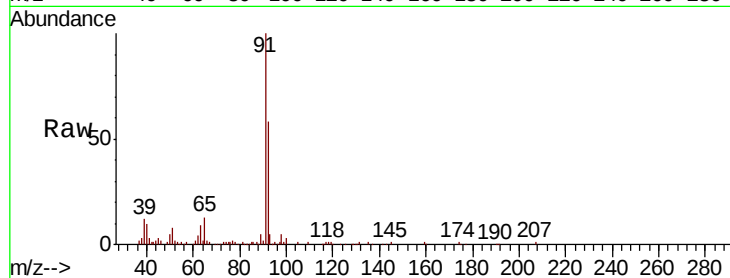
ClientSampleId :

Tot Ion: 92 Resp: 65788

Ion Ratio Lower Upper

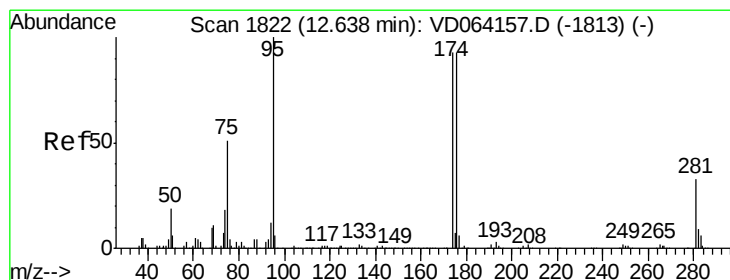
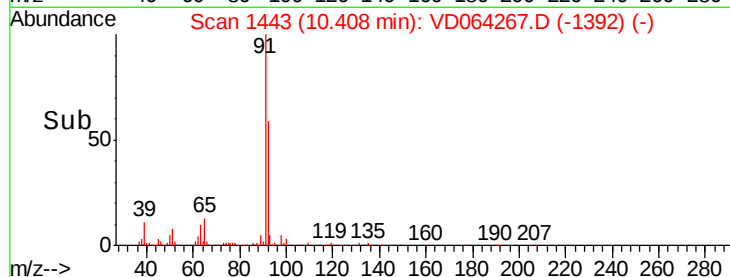
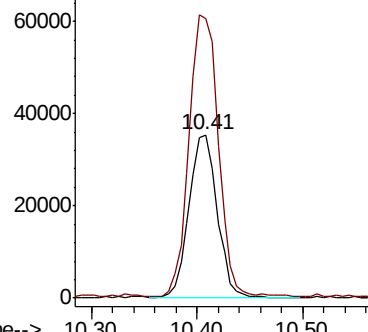
92 100

91 175.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

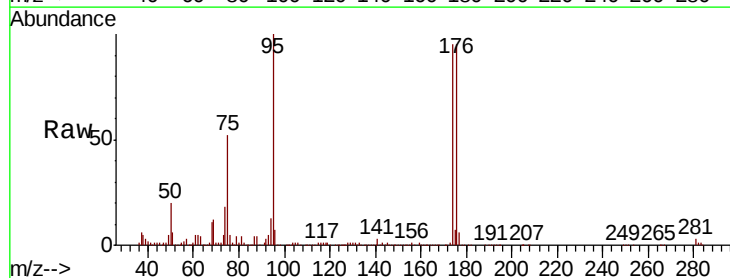
Tgt Ion: 95 Resp: 556419

Ion Ratio Lower Upper

95 100

174 98.7 0.0 183.6

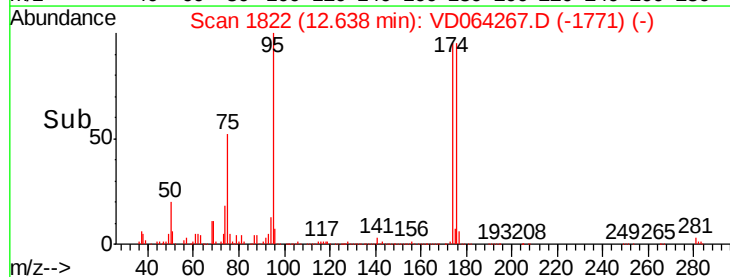
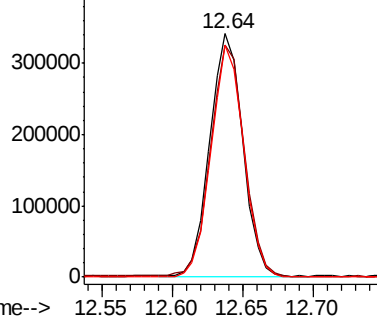
176 94.9 0.0 180.2

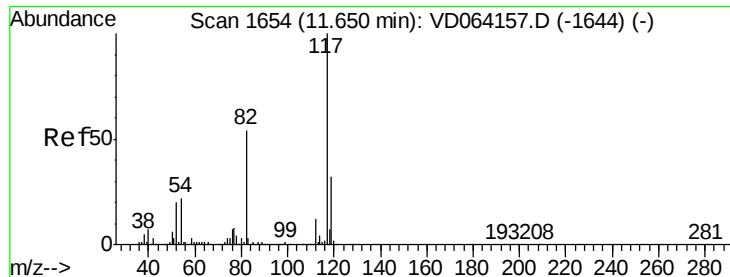


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

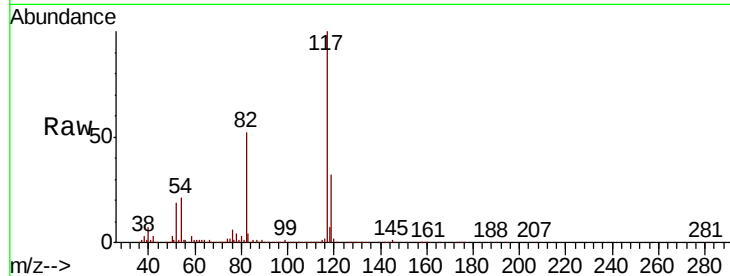




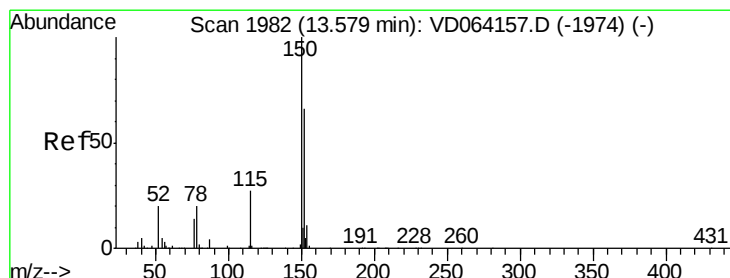
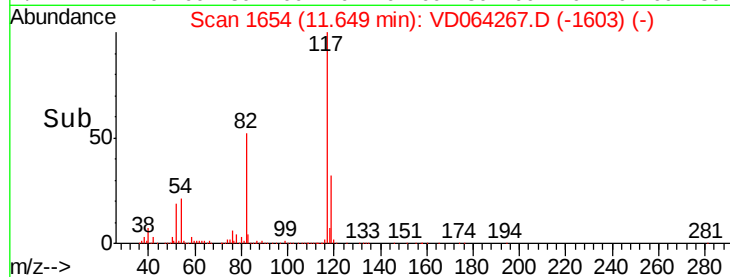
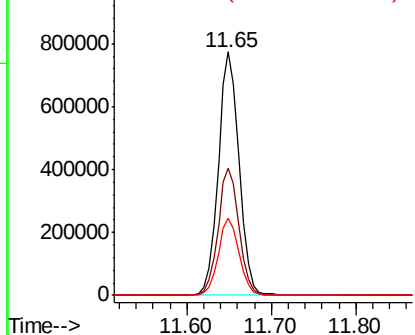
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1318120
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 31.6 25.6 38.4

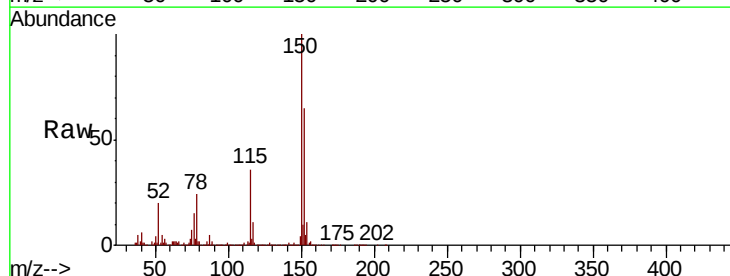


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

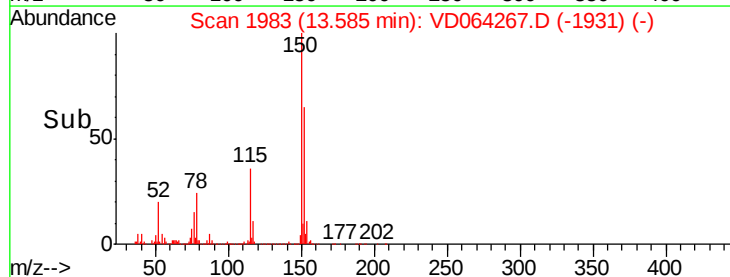
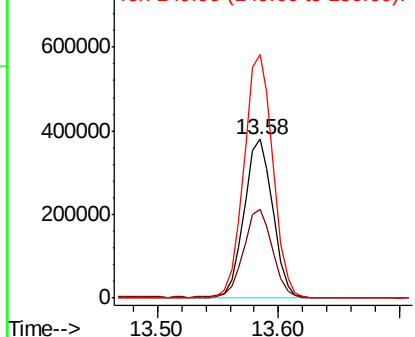


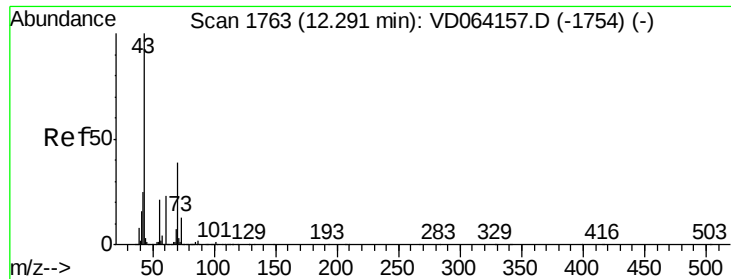
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

Tgt Ion:152 Resp: 626668
Ion Ratio Lower Upper
152 100
115 56.9 27.4 82.2
150 155.4 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

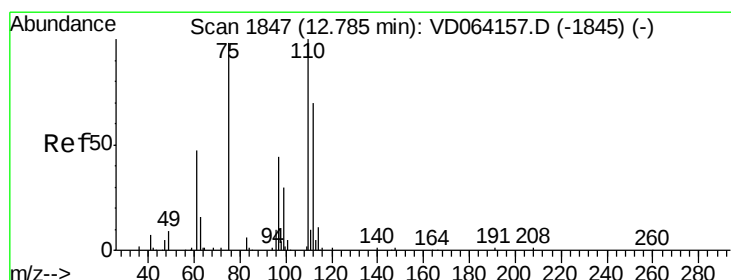
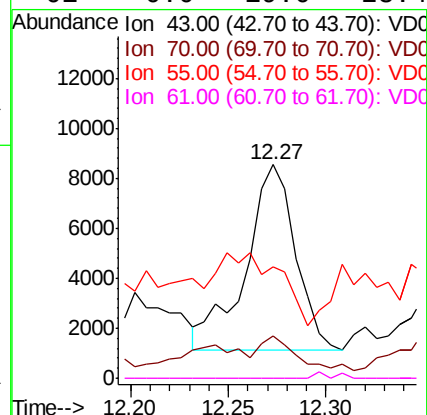
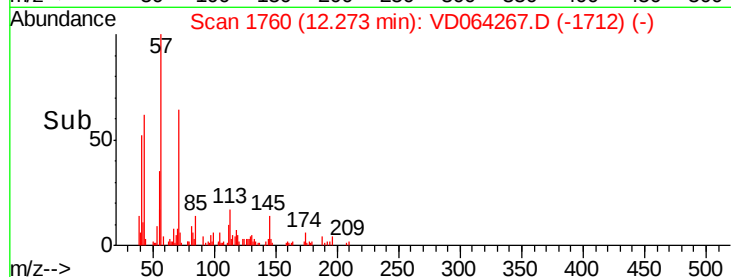
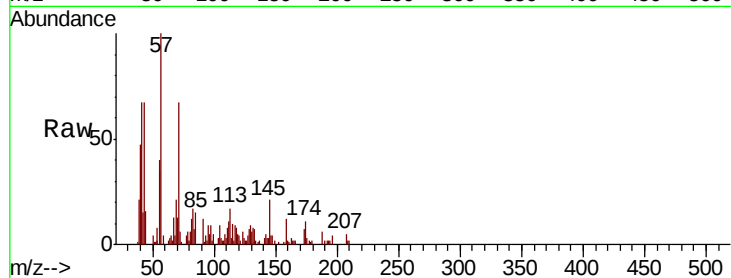




#74
N-amyl acetate
Concen: 1.193 ug/l
RT: 12.27 min Scan# 1760
Delta R.T. -0.02 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

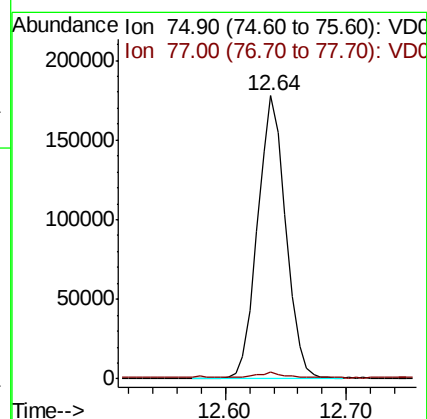
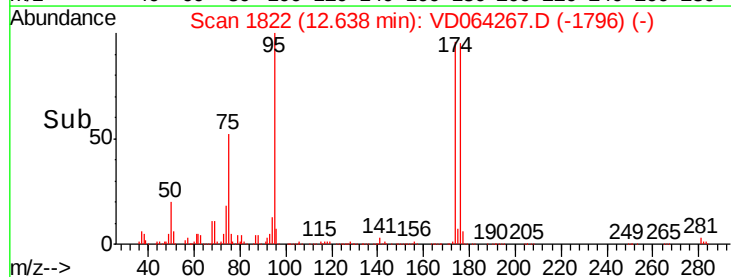
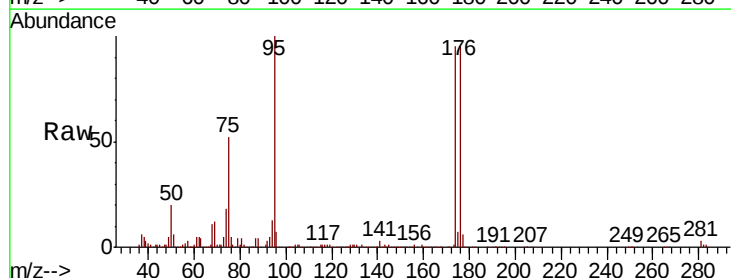
Instrument :
MSVOA_D
ClientSampleId :

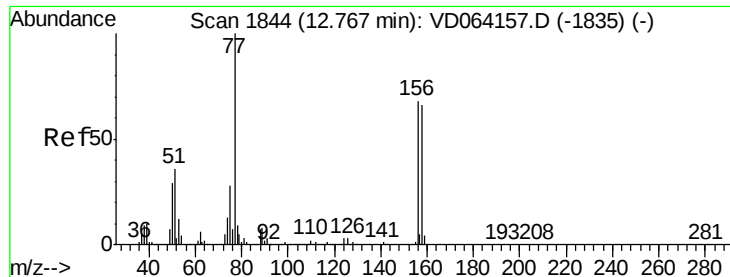
Tot Ion:	43	Resp:	12961
Ion	Ratio	Lower	Upper
43	100		
70	13.4	32.4	48.6#
55	0.0	17.9	26.9#
61	0.0	19.0	28.4#



#76
1,2,3-Trichloropropane
Concen: 57.129 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064267.D
Acq: 18 Nov 2019 16:28

Tgt Ion:	75	Resp:	288367
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#77

Bromobenzene

Concen: 1.490 ug/l

RT: 12.67 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

Instrument :

MSVOA_D

ClientSampled :

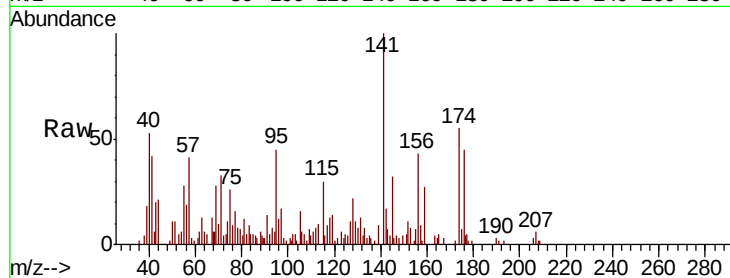
Tot Ion:156 Resp: 16655

Ion Ratio Lower Upper

156 100

77 5.3 81.2 243.4#

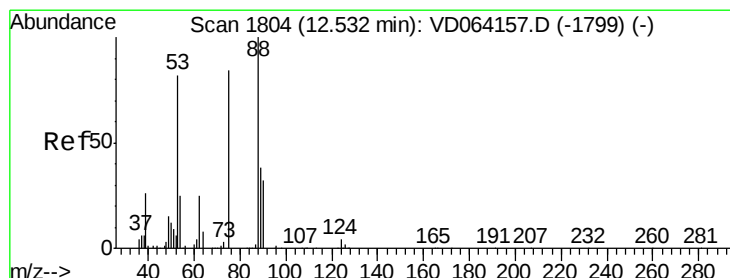
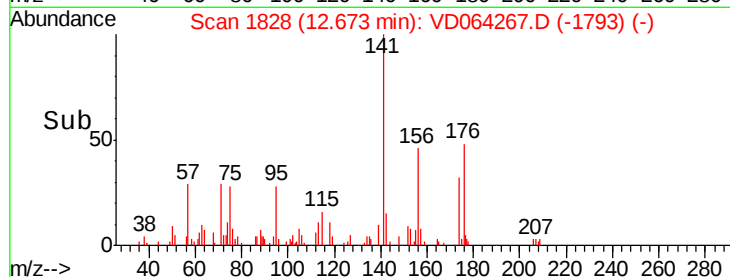
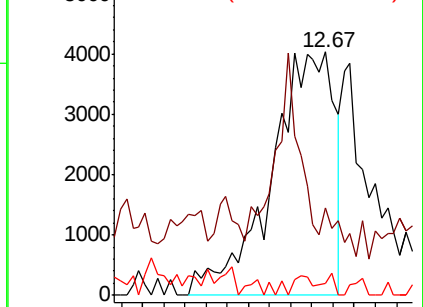
158 1.2 48.4 145.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 113.481 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064267.D

Acq: 18 Nov 2019 16:28

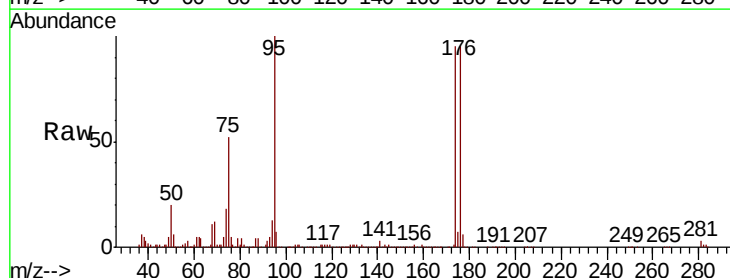
Tgt Ion: 75 Resp: 288367

Ion Ratio Lower Upper

75 100

53 0.2 79.4 119.0#

89 0.5 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

