

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064302.D
 Acq On : 19 Nov 2019 21:10
 Operator : VA/SY
 Sample : K5937-02
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:29:04 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

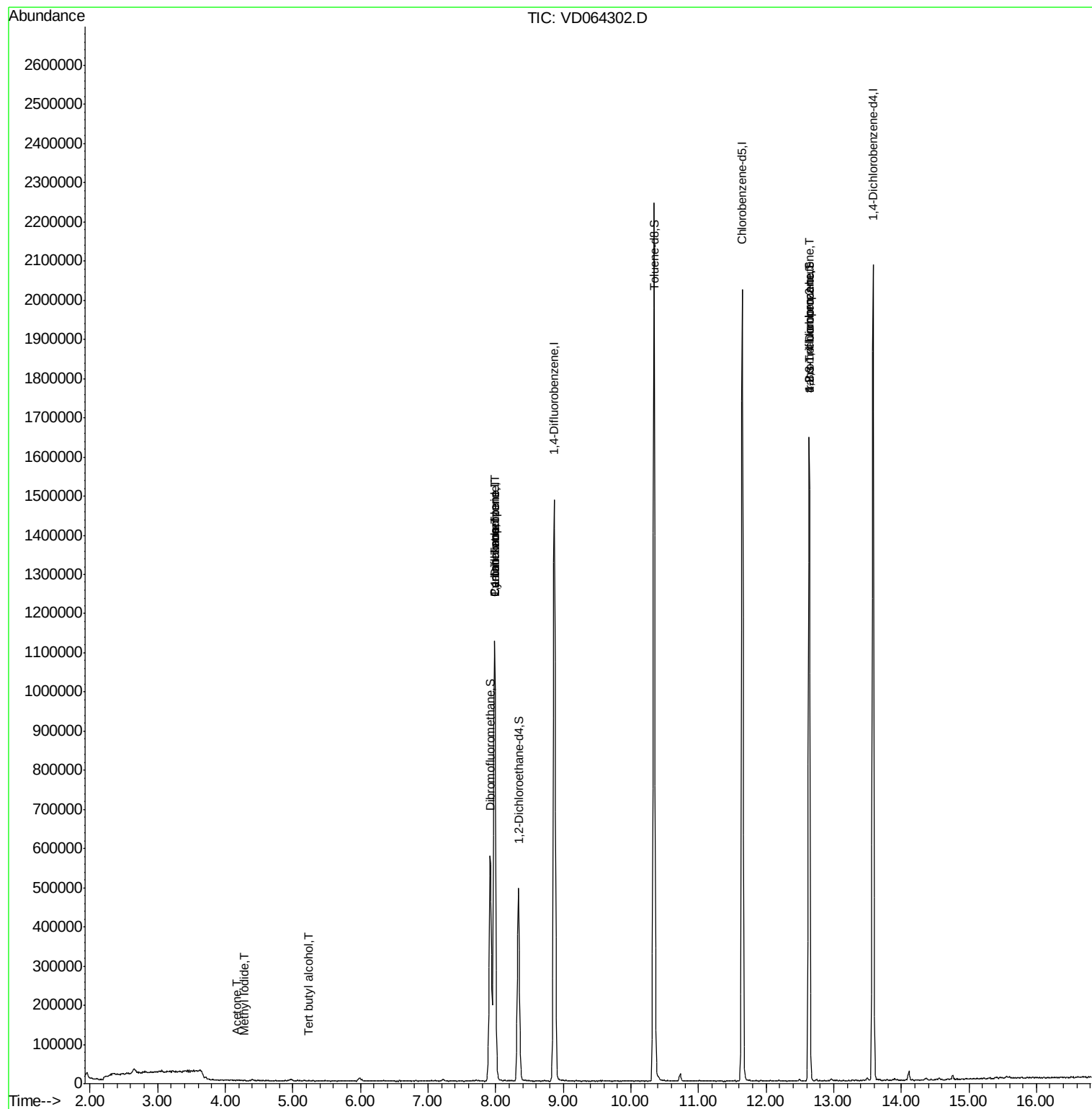
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	924149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1324526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1159629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	561883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	389489	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.92	113	396329	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	1535846	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.64	95	502617	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.28	142	55	2.037	ug/l #	41
11) Tert butyl alcohol	5.24	59	542	1.021	ug/l #	25
16) Acetone	4.17	43	2240	1.244	ug/l #	45
31) Cyclohexane	7.98	56	16352	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	60802	4.974	ug/l #	49
38) Carbon Tetrachloride	7.98	117	81230	6.210	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	257254	56.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	257254	112.910	ug/l #	10

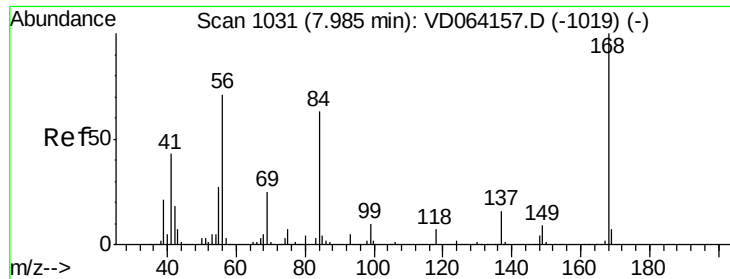
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064302.D
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Quant Time: Nov 20 03:29:04 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# 1031

Delta R.T. -0.00 min

Lab File: VD064302.D

Acq: 19 Nov 2019 21:10

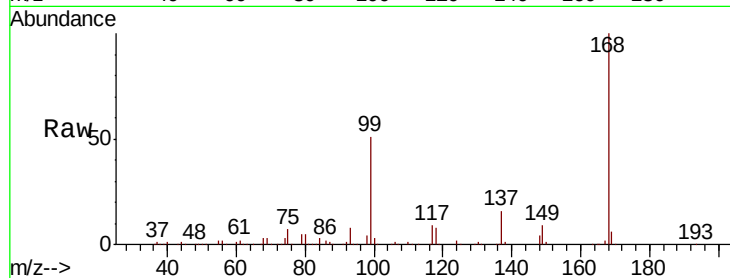
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 924149

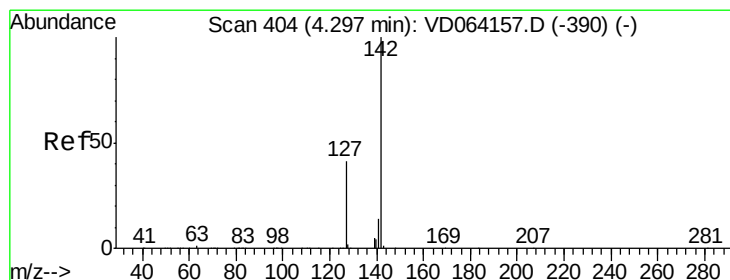
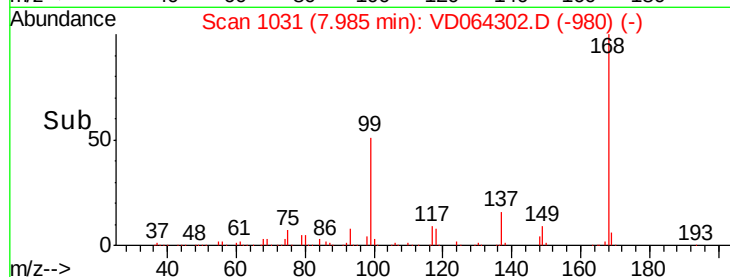
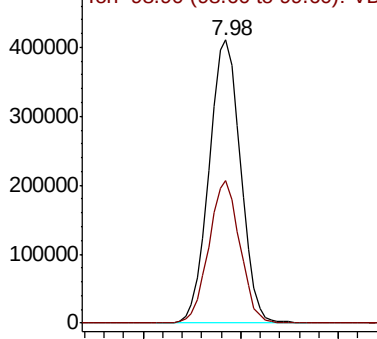
Ion Ratio Lower Upper

168 100

99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.037 ug/l

RT: 4.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD064302.D

Acq: 19 Nov 2019 21:10

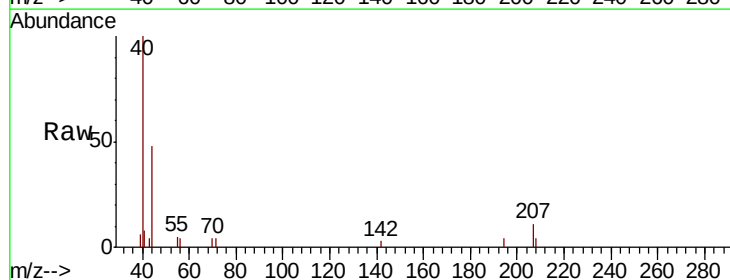
Tgt Ion:142 Resp: 55

Ion Ratio Lower Upper

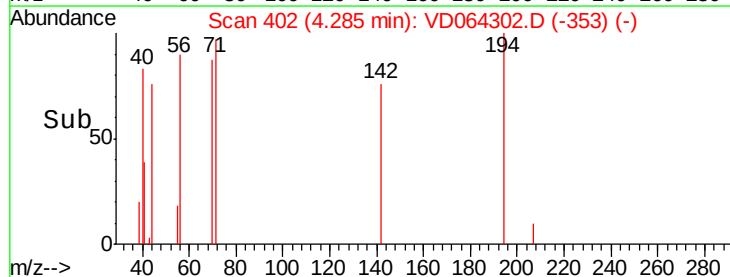
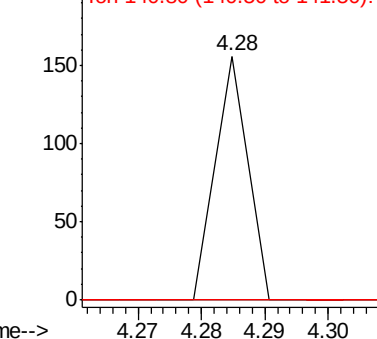
142 100

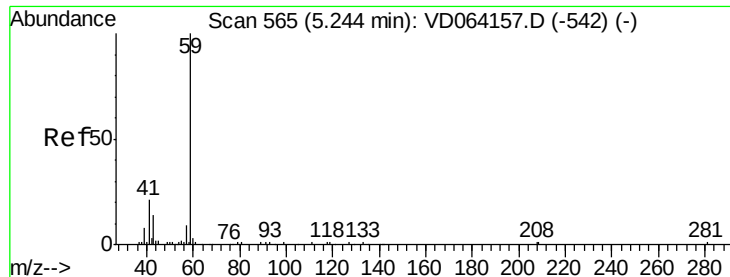
127 0.0 34.4 51.6#

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

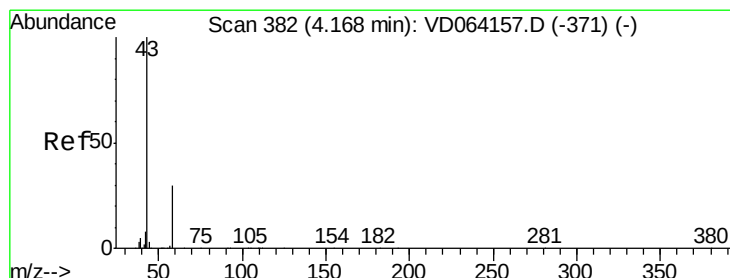
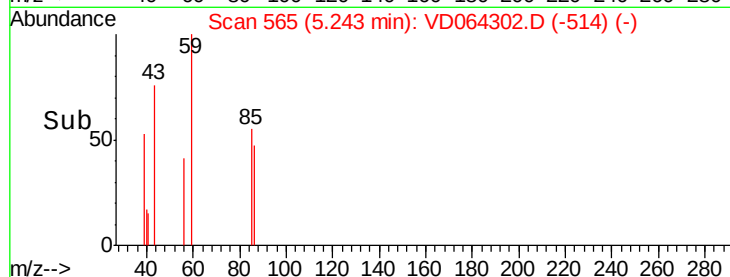
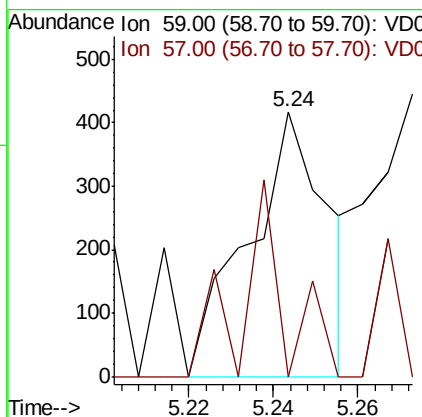
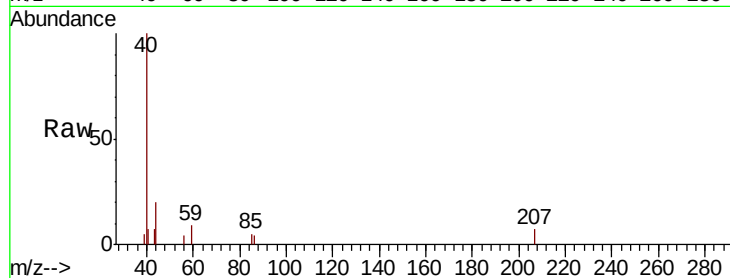




#11
Tert butyl alcohol
Concen: 1.021 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

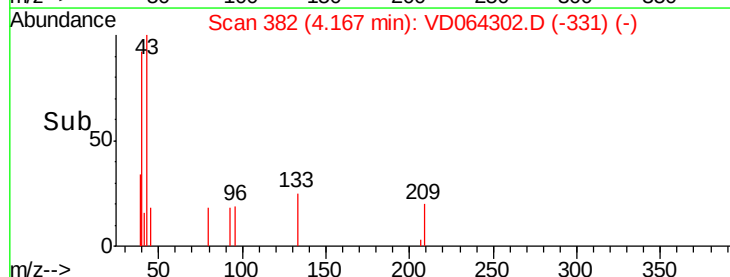
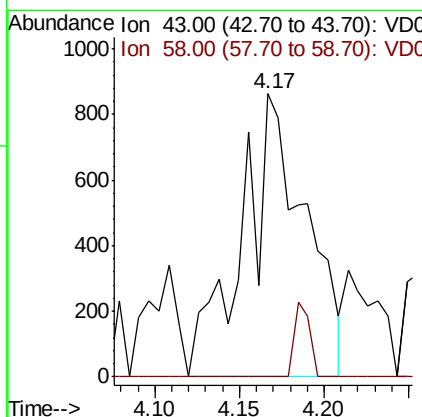
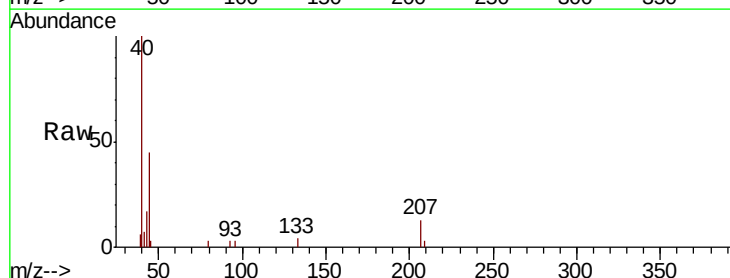
Instrument :
MSVOA_D
ClientSampled :

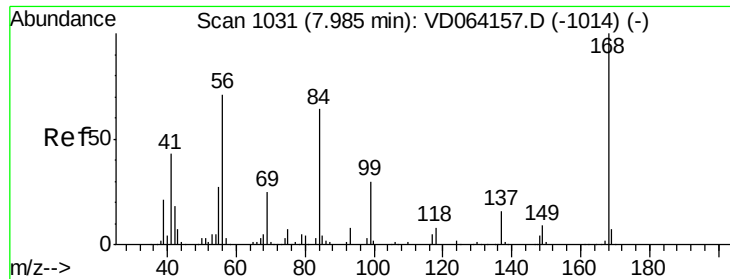
Tot Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 41.0 9.4 14.2#



#16
Acetone
Concen: 1.244 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

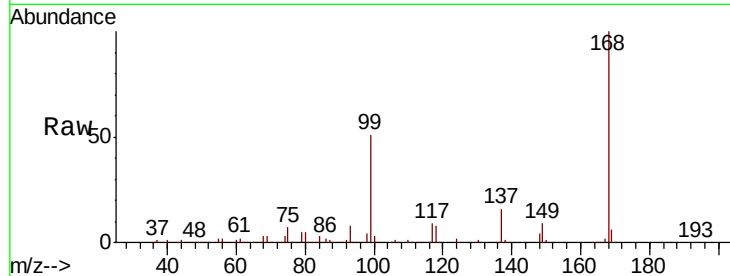




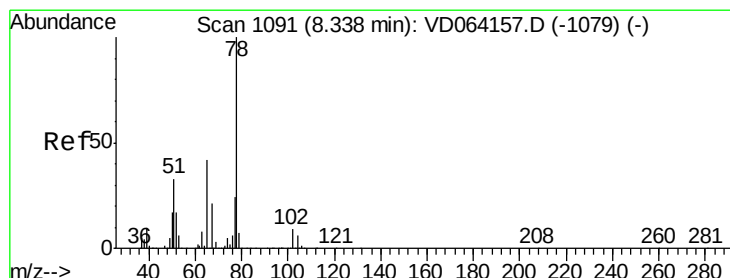
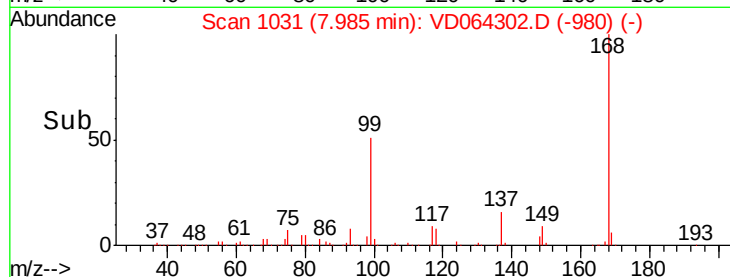
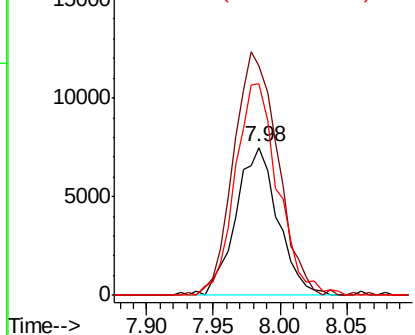
#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 16352
Ion Ratio Lower Upper
56 100
69 155.9 28.2 42.4#
84 143.5 71.8 107.6#

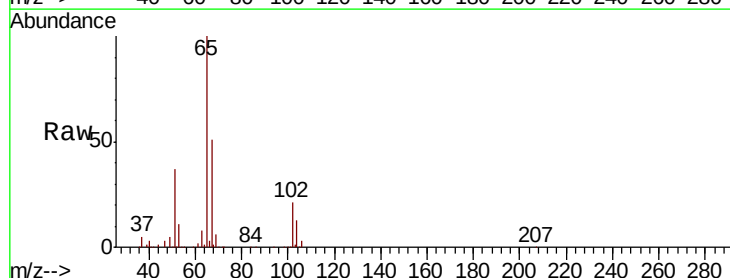


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

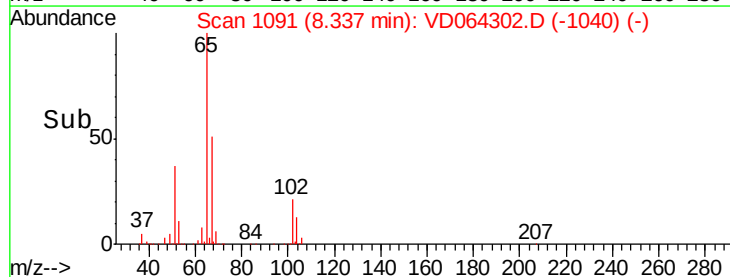
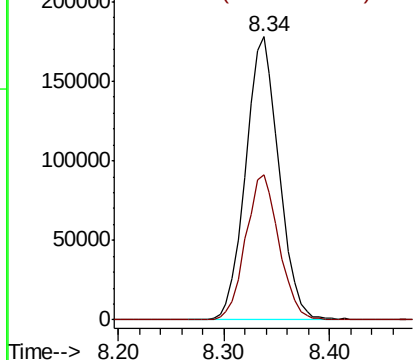


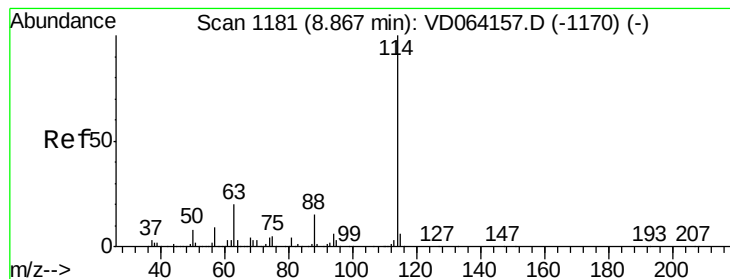
#33
1,2-Dichloroethane-d4
Concen: 51.245 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

Tgt Ion: 65 Resp: 389489
Ion Ratio Lower Upper
65 100
67 51.6 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: VD064302.D

Acq: 19 Nov 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

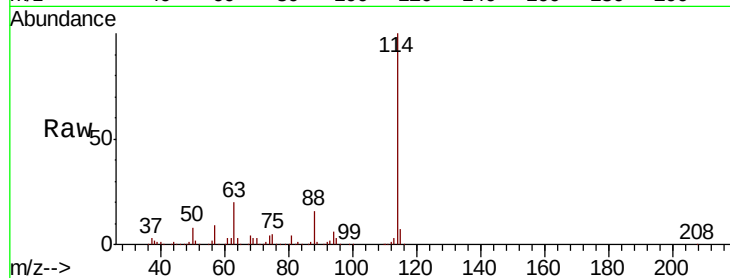
Tot Ion:114 Resp: 1324526

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

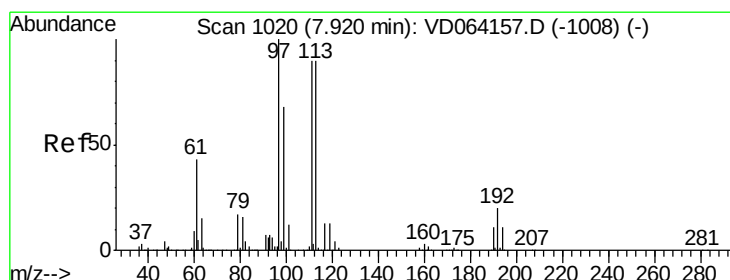
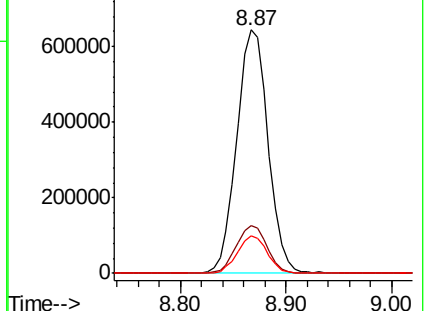
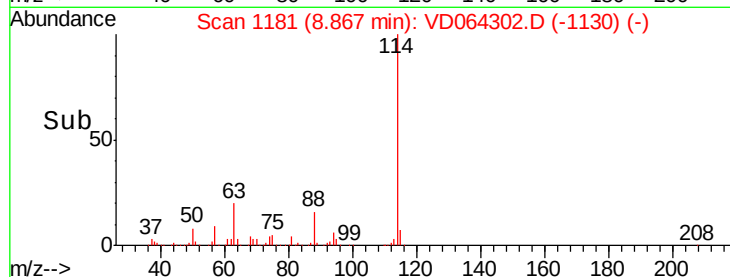
88 15.5 0.0 30.2



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: 52.128 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064302.D

Acq: 19 Nov 2019 21:10

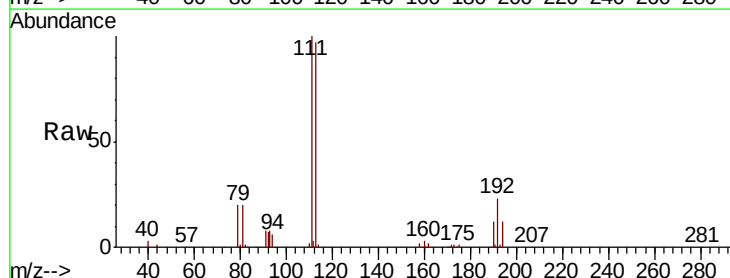
Tgt Ion:113 Resp: 396329

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

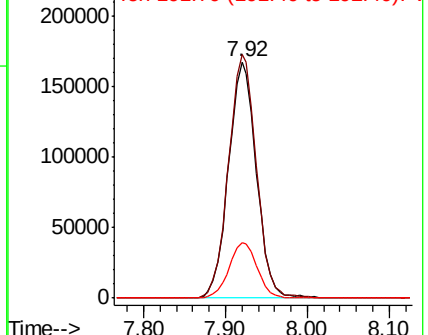
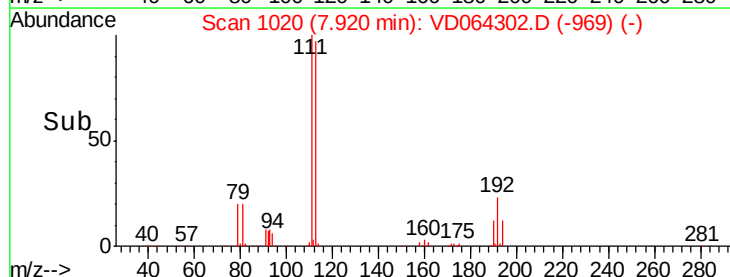
192 23.6 18.8 28.2

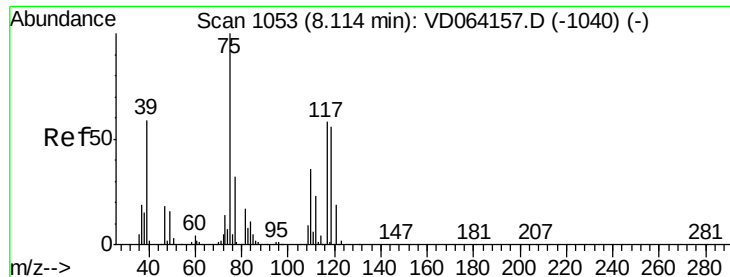


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

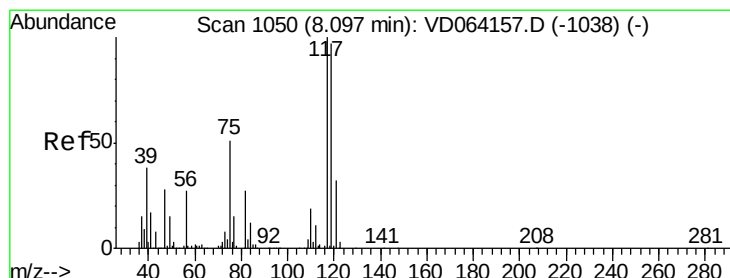
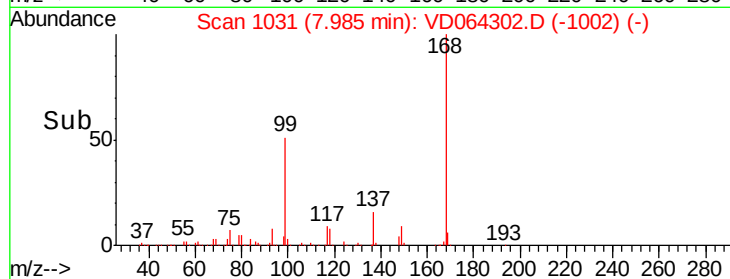
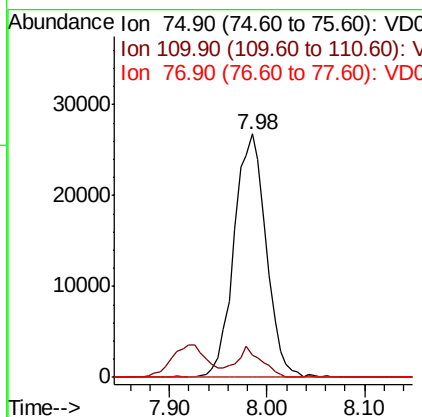
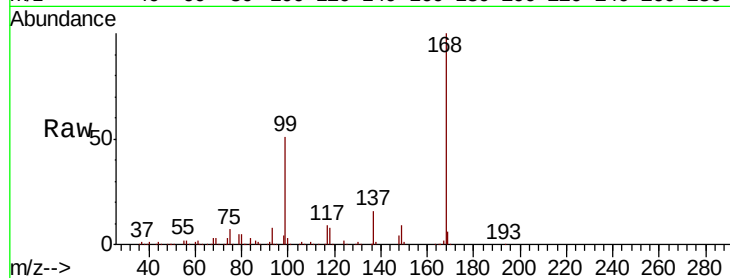




#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064302.D
 Acq: 19 Nov 2019 21:10

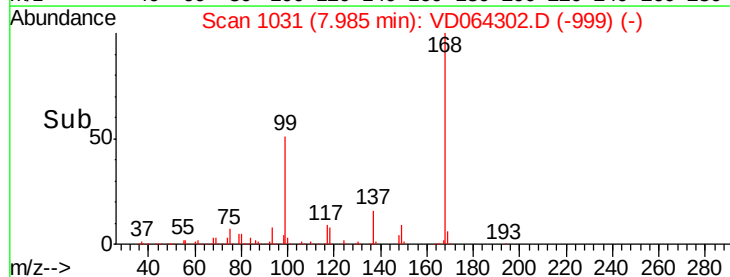
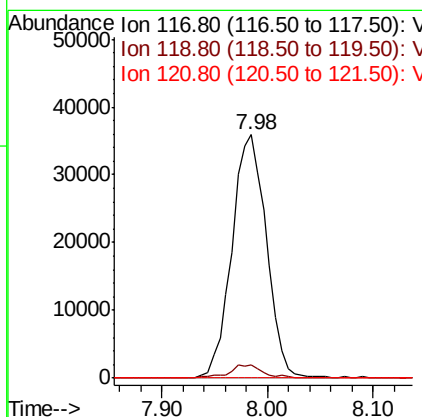
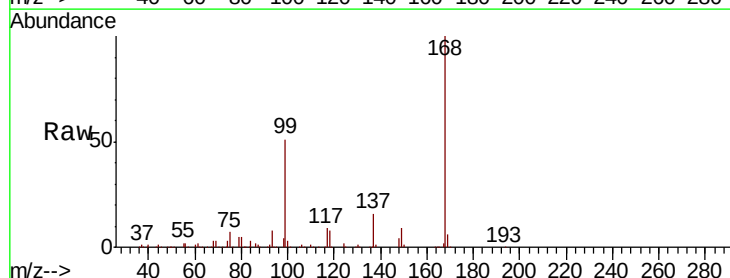
Instrument :
 MSVOA_D
 ClientSampleId :

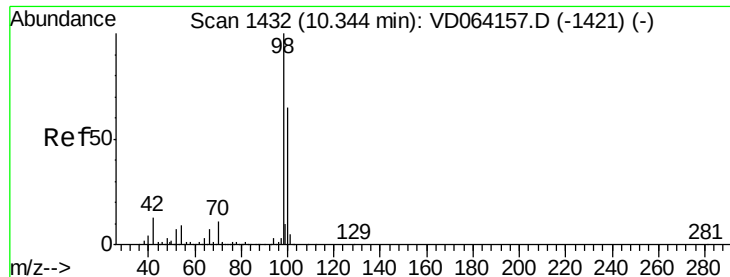
Tot Ion	75	Resp	60802
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	18.3	54.9#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.210 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064302.D
 Acq: 19 Nov 2019 21:10

Tgt Ion	117	Resp	81230
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.3	77.2	115.8#
121	0.0	25.5	38.3#

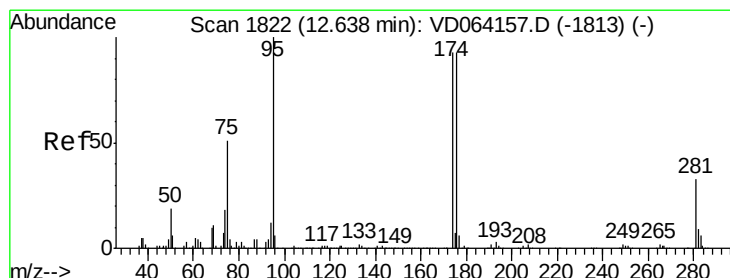
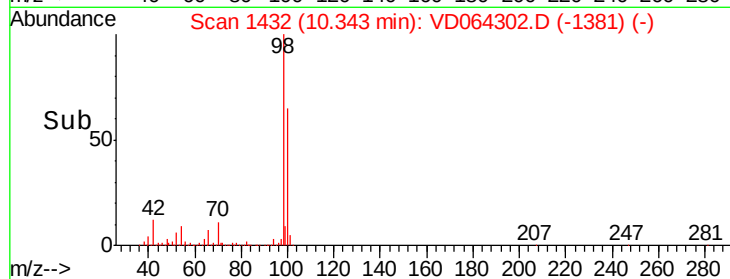
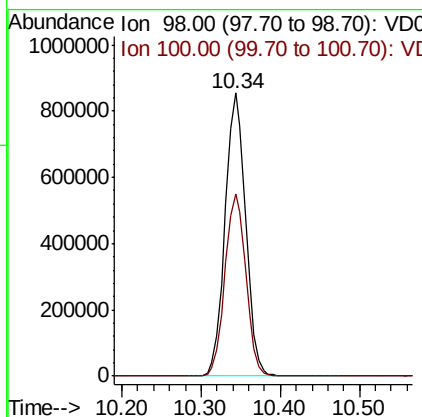
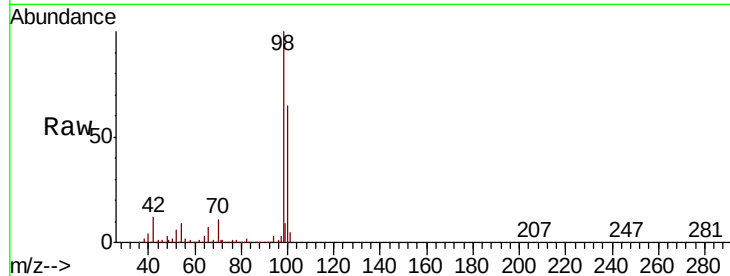




#50
Toluene-d8
Concen: 53.548 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

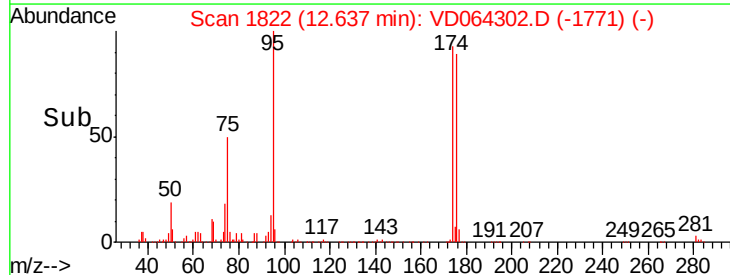
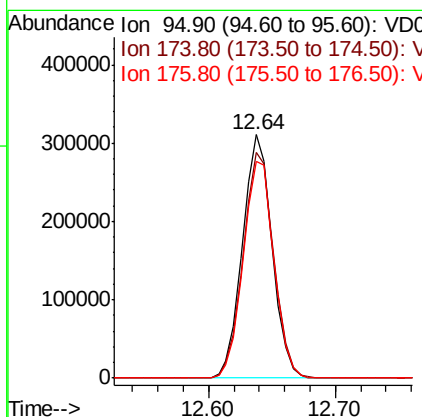
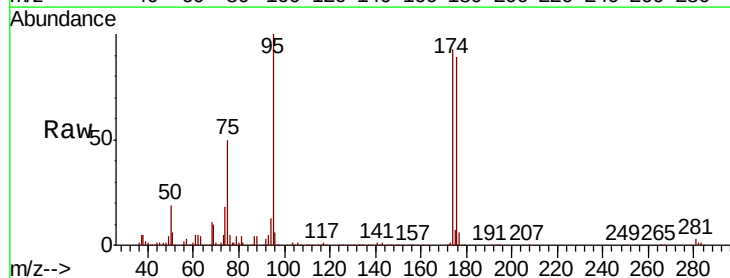
Instrument :
MSVOA_D
ClientSampleId :

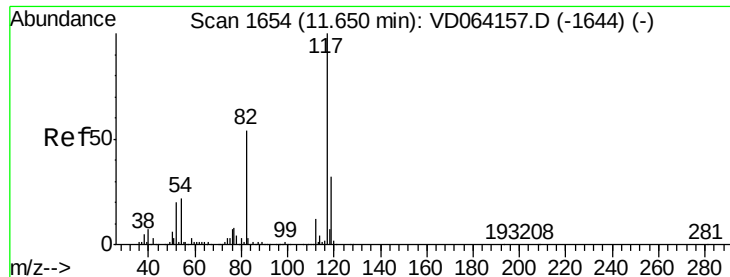
Tot Ion: 98 Resp: 1535846
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

Tgt Ion: 95 Resp: 502617
Ion Ratio Lower Upper
95 100
174 95.7 0.0 183.6
176 92.8 0.0 180.2

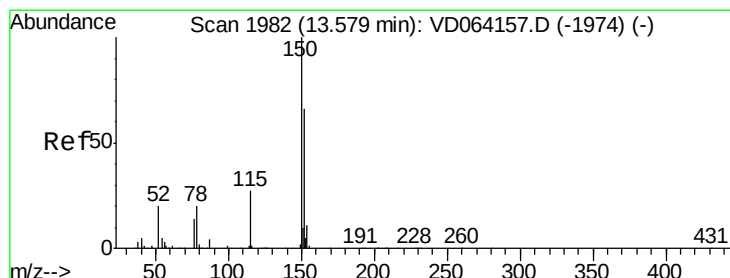
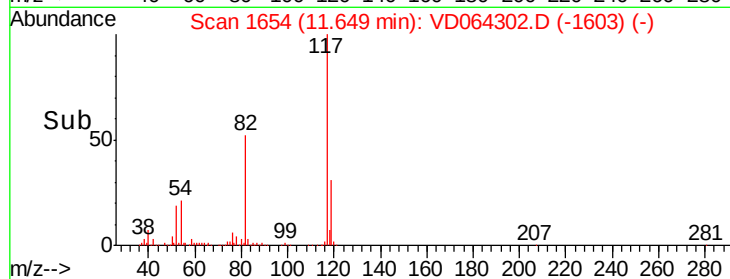
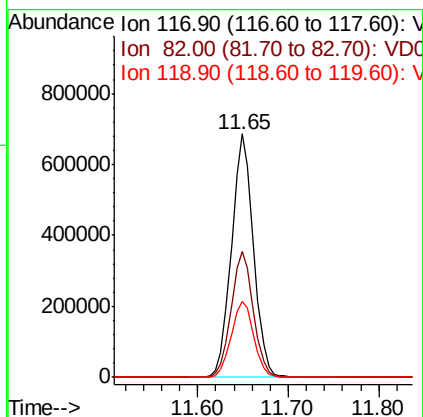
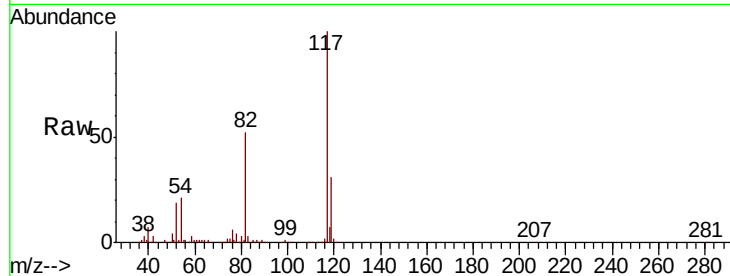




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

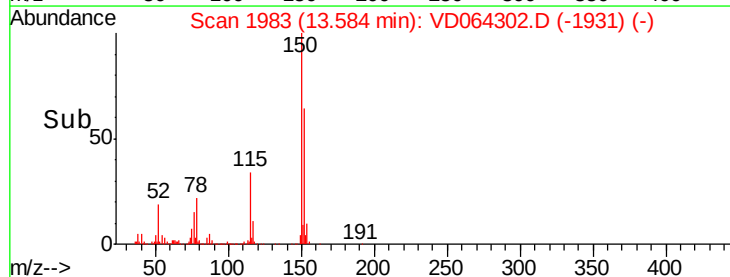
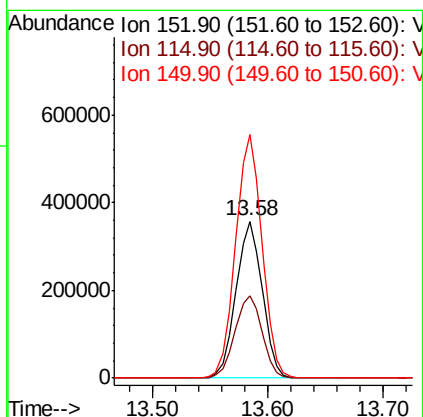
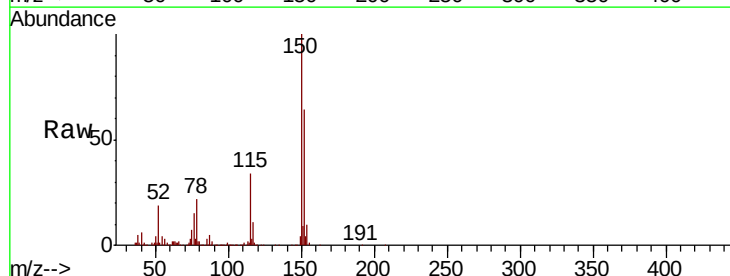
Instrument :
MSVOA_D
ClientSampled :

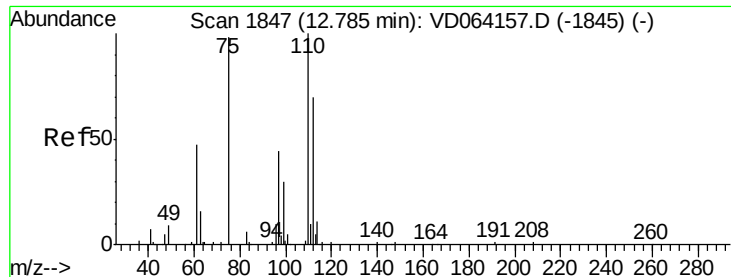
Tot Ion:117 Resp: 1159629
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064302.D
Acq: 19 Nov 2019 21:10

Tgt Ion:152 Resp: 561883
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 156.5 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 56.842 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064302.D

Acq: 19 Nov 2019 21:10

Instrument :

MSVOA_D

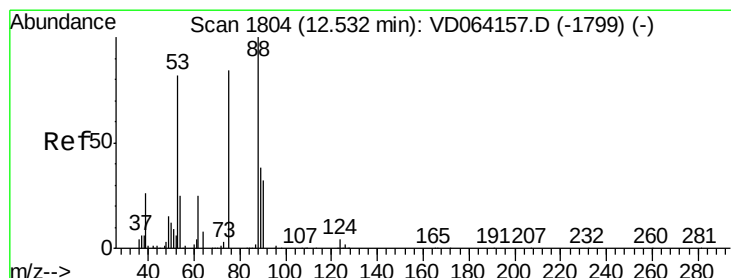
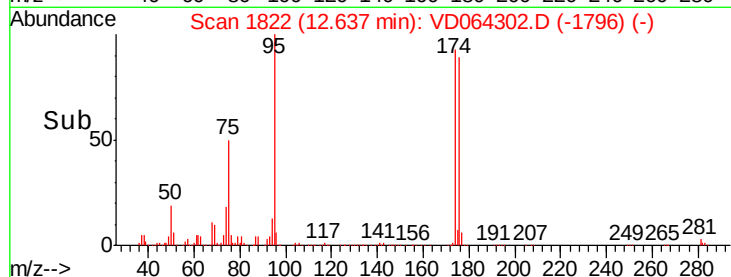
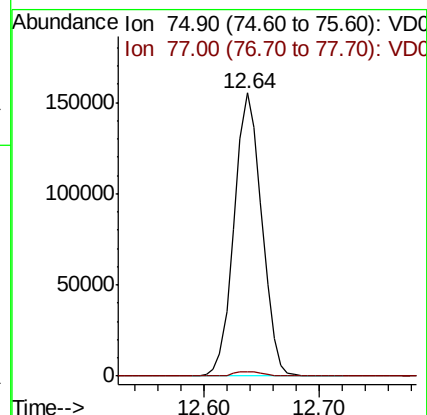
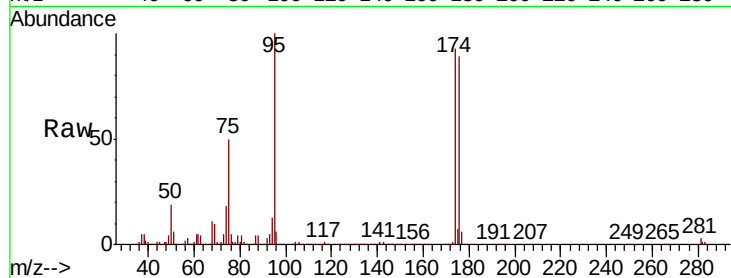
ClientSampleId :

Tot Ion: 75 Resp: 257254

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.910 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064302.D

Acq: 19 Nov 2019 21:10

Tgt Ion: 75 Resp: 257254

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

