

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064250.D
 Acq On : 16 Nov 2019 03:56
 Operator : VA/SY
 Sample : K5840-14
 Misc : 4.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:44:52 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

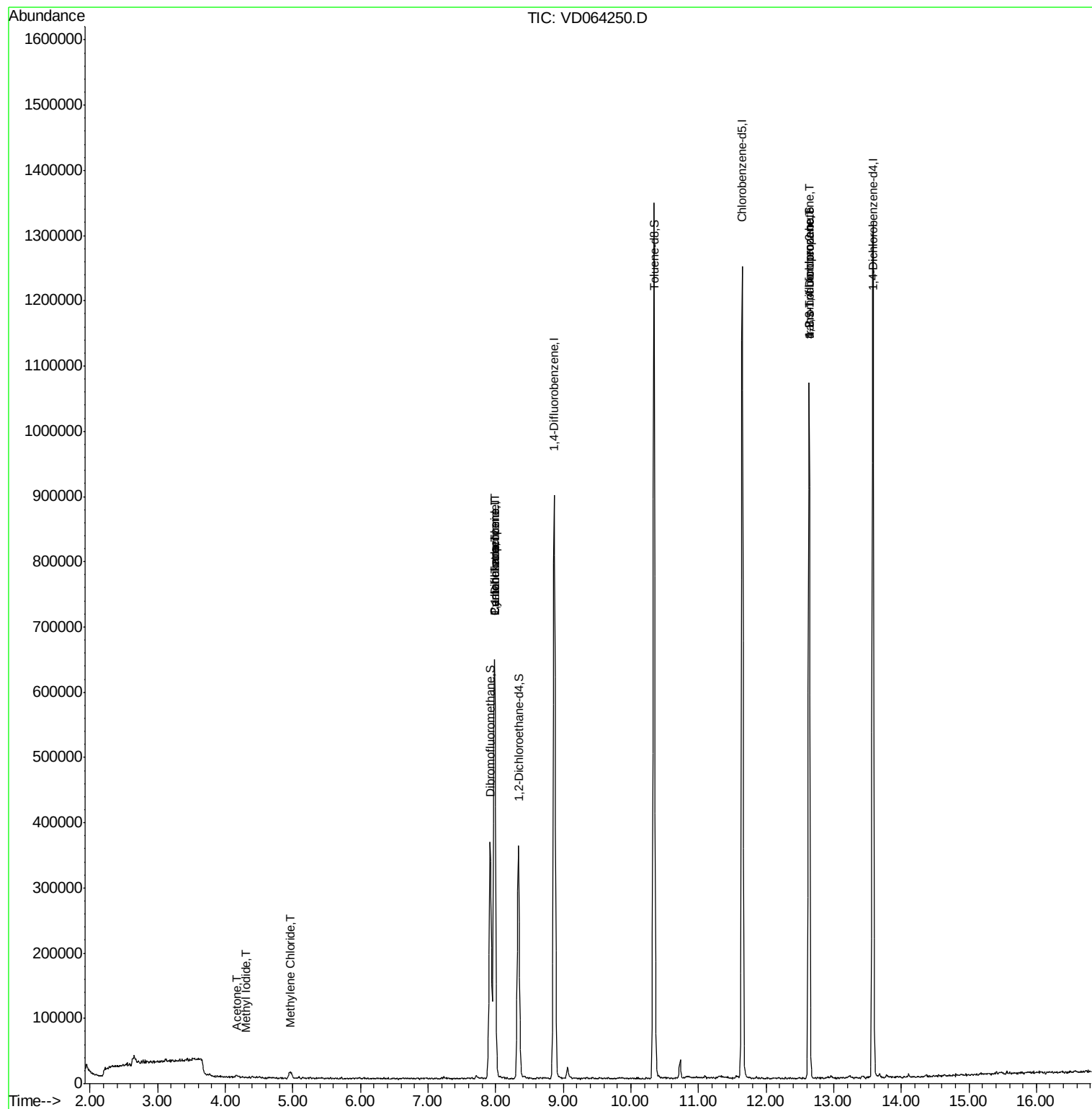
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	533634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	712279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	368622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	285768	65.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.22%	
35) Dibromofluoromethane	7.92	113	247477	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.34	98	925041	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.64	95	319426	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	122	2.053	ug/l #	41
16) Acetone	4.17	43	4477	4.306	ug/l #	62
20) Methylene Chloride	4.97	84	7200	1.371	ug/l #	84
31) Cyclohexane	7.98	56	10797	1.253	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	33514	4.625	ug/l #	49
38) Carbon Tetrachloride	7.98	117	48008	6.192	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	165669	55.797	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	165669	110.835	ug/l #	10

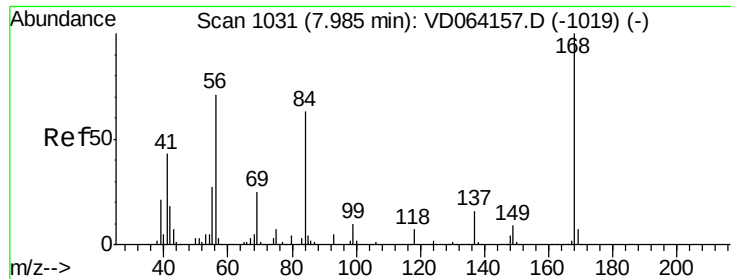
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064250.D

Acq: 16 Nov 2019 03:56

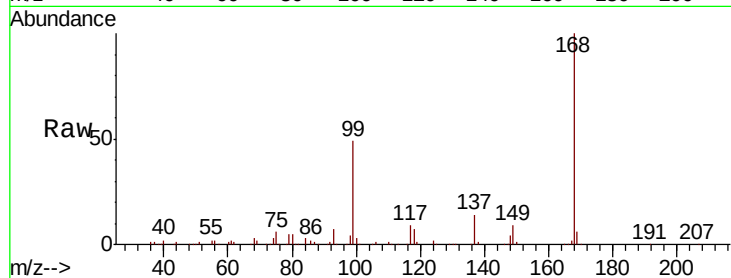
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 533634

Ion Ratio Lower Upper

168 100

99 49.0 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

250000

200000

150000

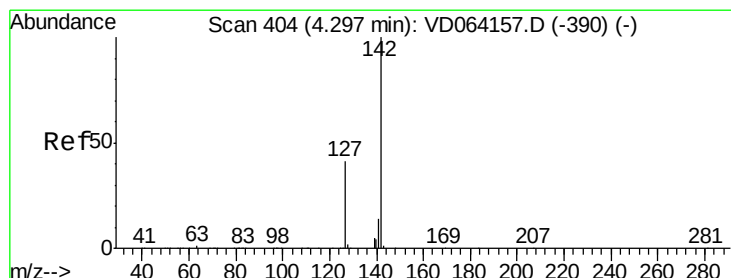
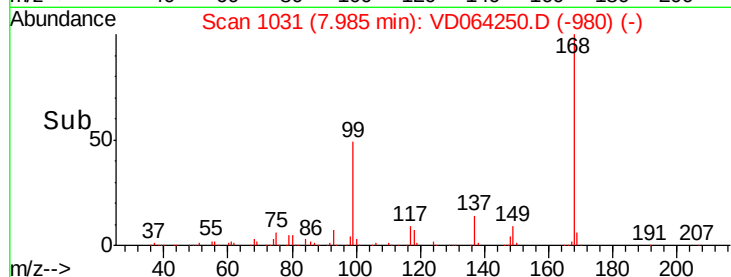
100000

50000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.053 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

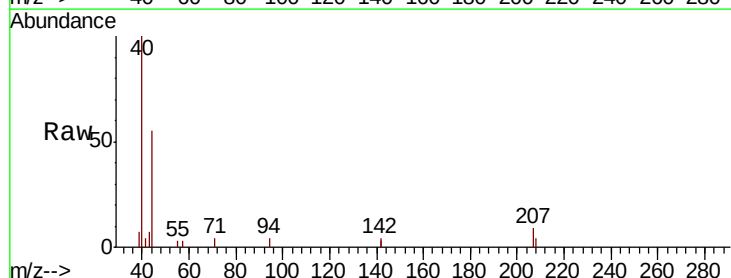
Tgt Ion:142 Resp: 122

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

4.30

400

300

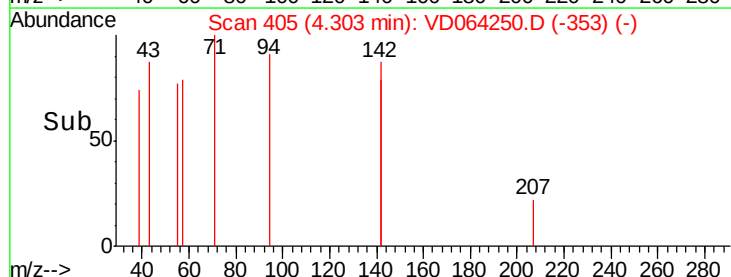
200

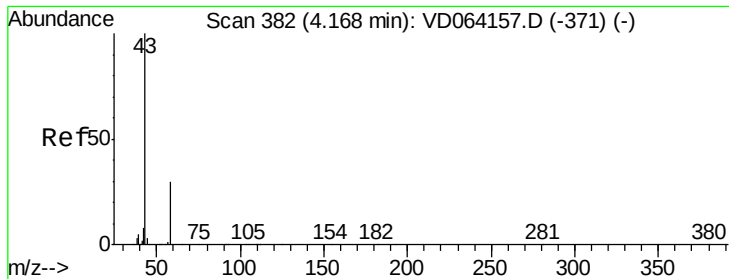
100

0

4.28 4.29 4.30 4.31 4.32

Time-->

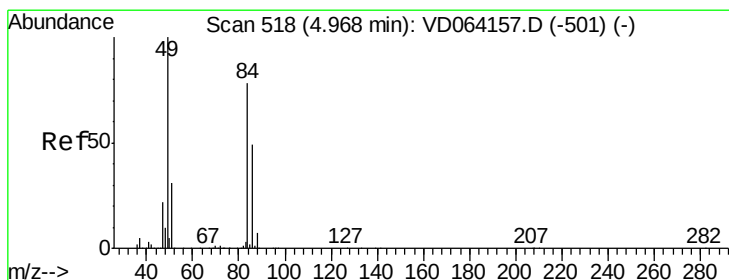
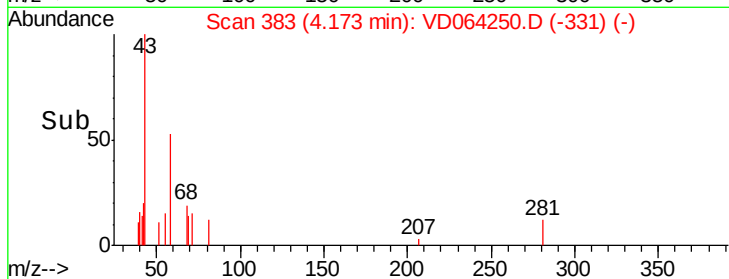
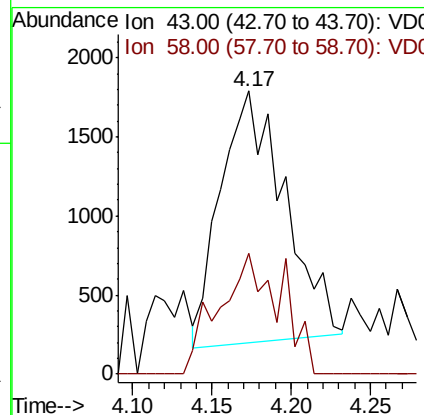
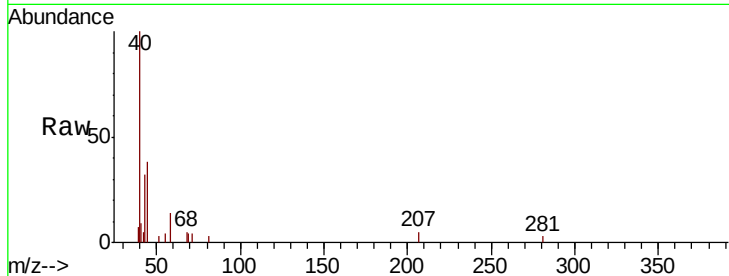




#16
Acetone
Concen: 4.306 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

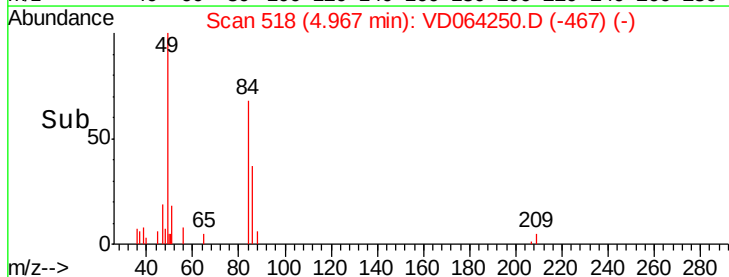
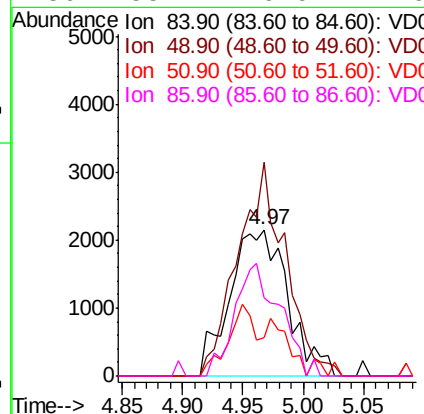
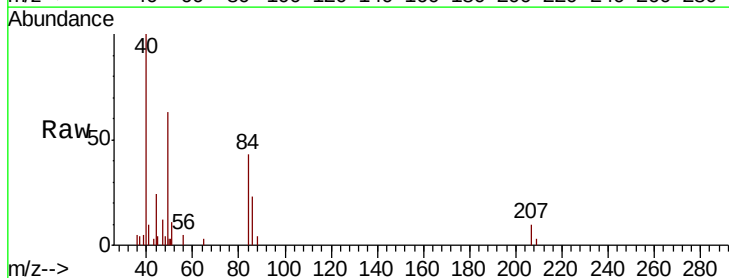
Instrument :
MSVOA_D
ClientSampleId :

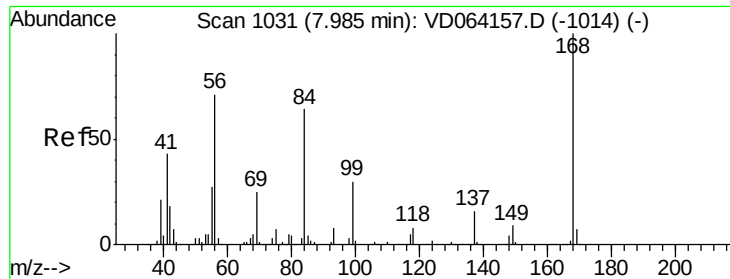
Tot Ion: 43 Resp: 4477
Ion Ratio Lower Upper
43 100
58 50.6 24.1 36.1#



#20
Methylene Chloride
Concen: 1.371 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

Tgt Ion: 84 Resp: 7200
Ion Ratio Lower Upper
84 100
49 146.1 102.1 153.1
51 26.3 32.2 48.2#
86 53.4 49.9 74.9

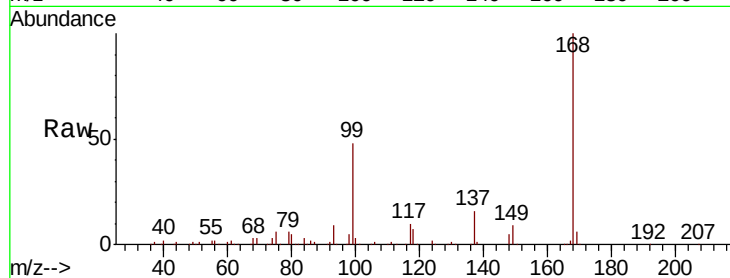




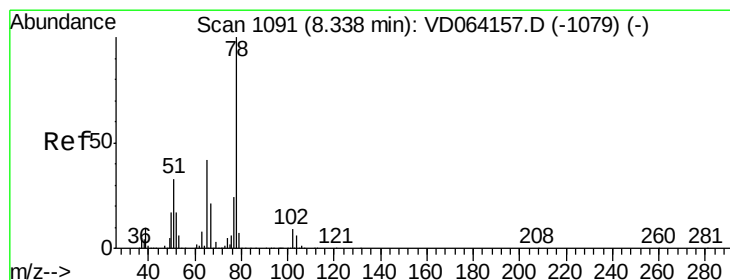
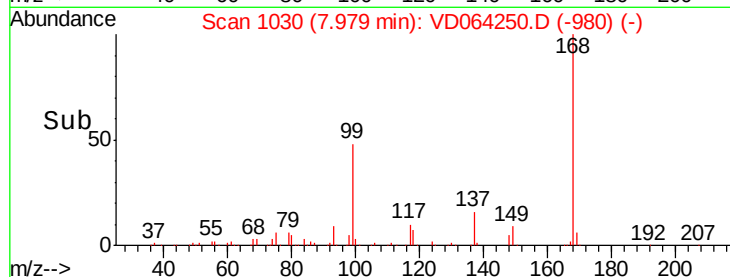
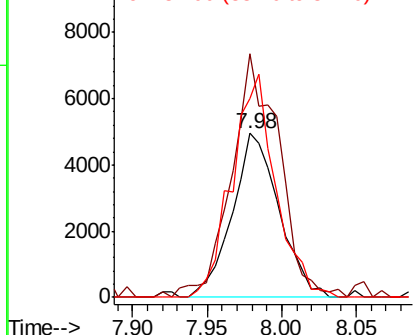
#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 10797
Ion Ratio Lower Upper
56 100
69 143.8 28.2 42.4#
84 126.9 71.8 107.6#

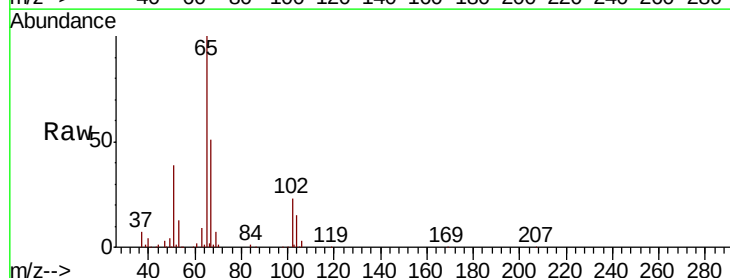


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

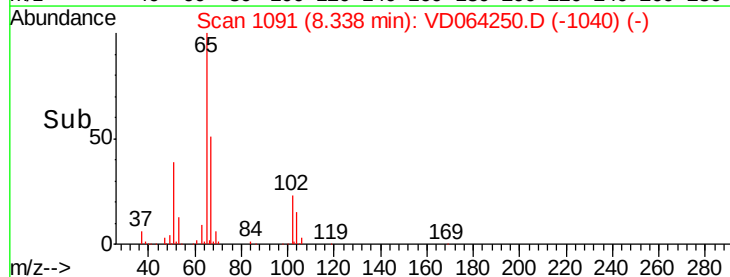
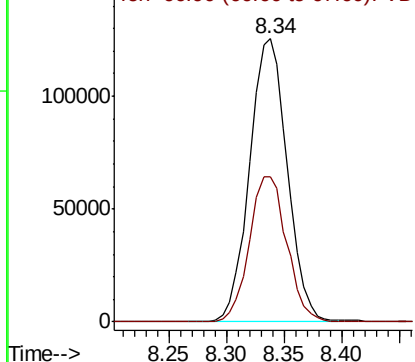


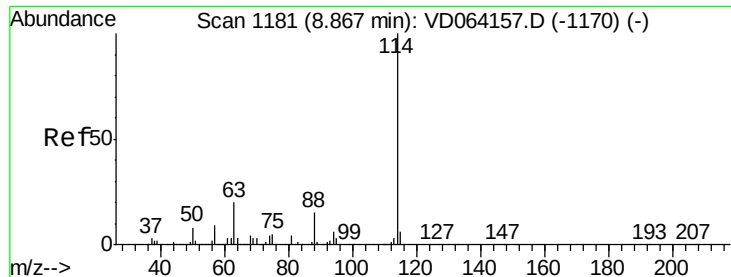
#33
1,2-Dichloroethane-d4
Concen: 65.113 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

Tgt Ion: 65 Resp: 285768
Ion Ratio Lower Upper
65 100
67 51.2 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: VD064250.D

Acq: 16 Nov 2019 03:56

Instrument :

MSVOA_D

ClientSampleId :

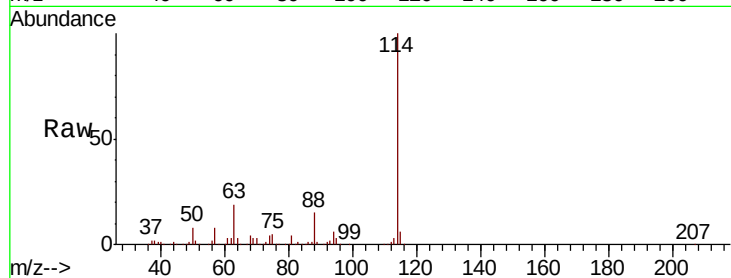
Tot Ion:114 Resp: 785095

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

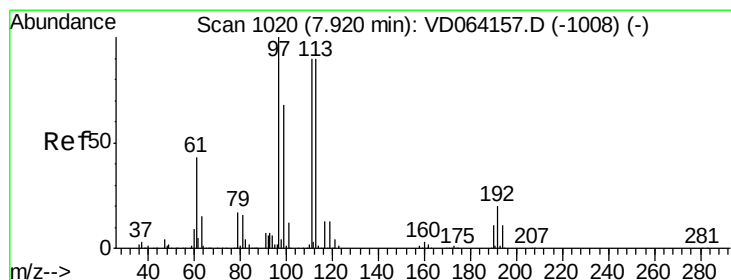
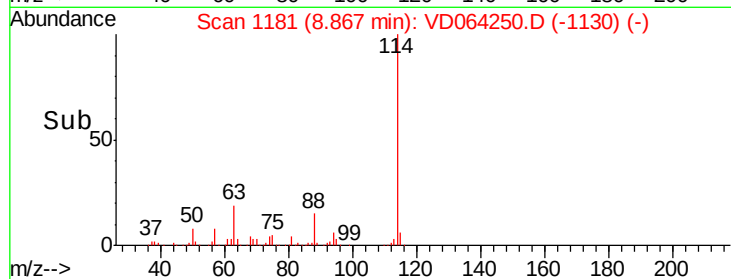
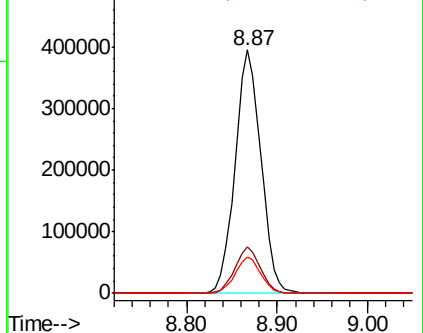
88 14.7 0.0 30.2



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: 54.915 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

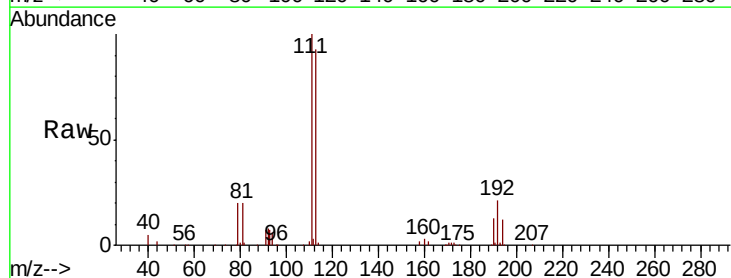
Tgt Ion:113 Resp: 247477

Ion Ratio Lower Upper

113 100

111 104.8 81.5 122.3

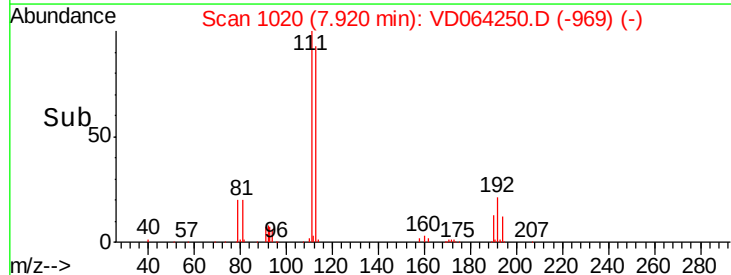
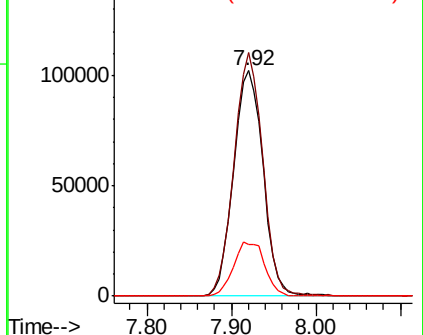
192 25.1 18.8 28.2

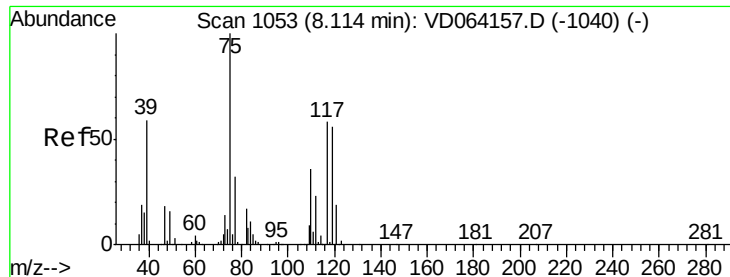


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

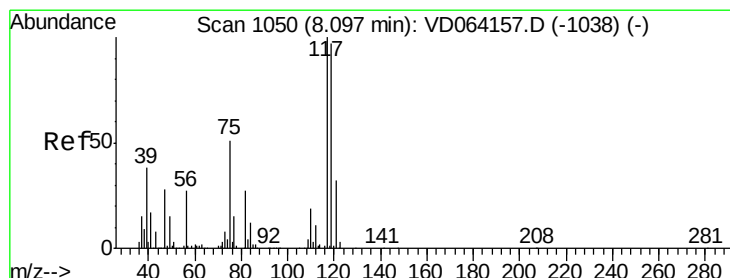
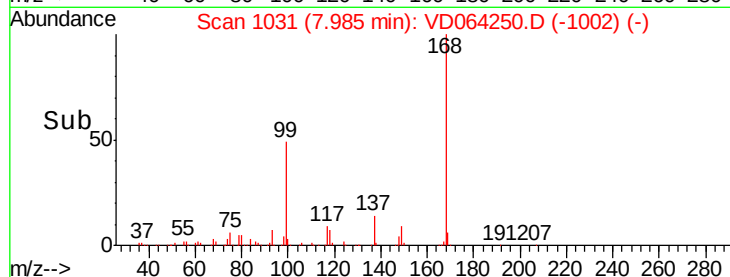
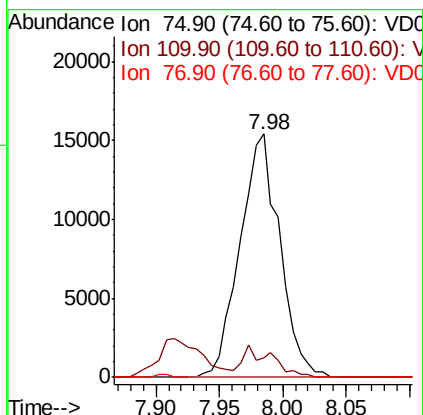
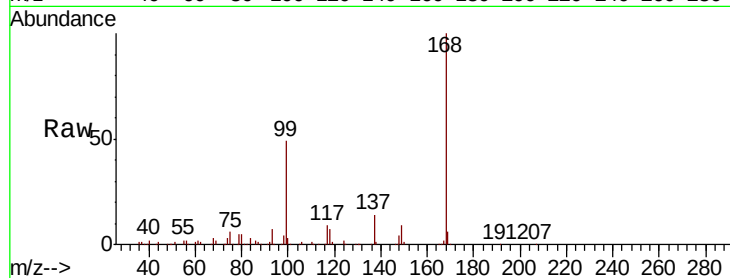




#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064250.D
 Acq: 16 Nov 2019 03:56

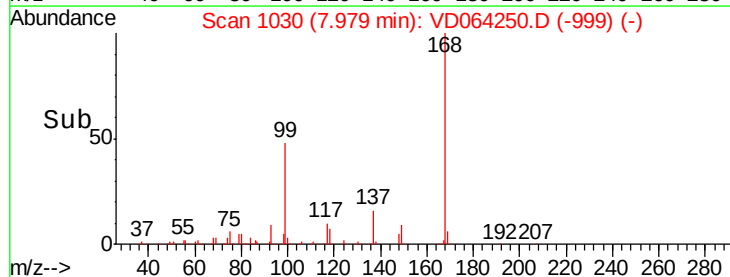
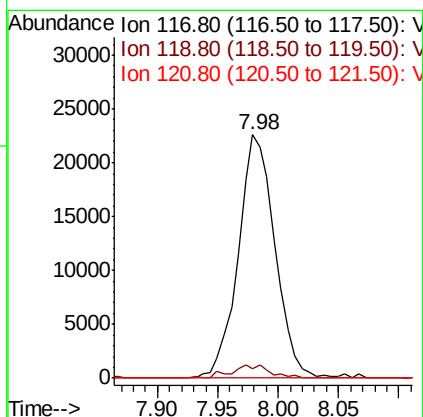
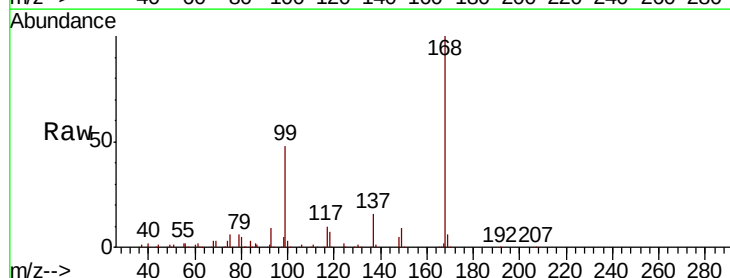
Instrument :
 MSVOA_D
 ClientSampleId :

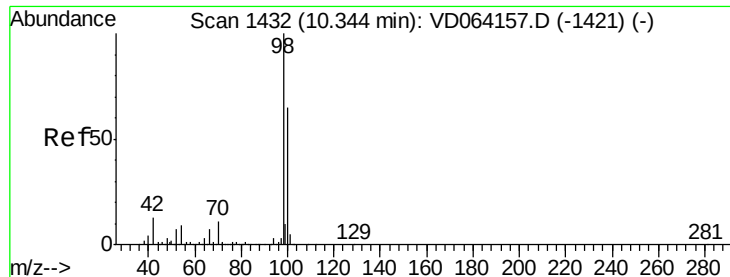
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.3	54.9#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.192 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064250.D
 Acq: 16 Nov 2019 03:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.2	115.8#
121	0.0	25.5	38.3#

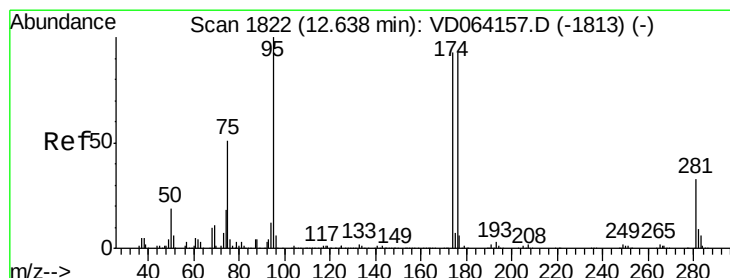
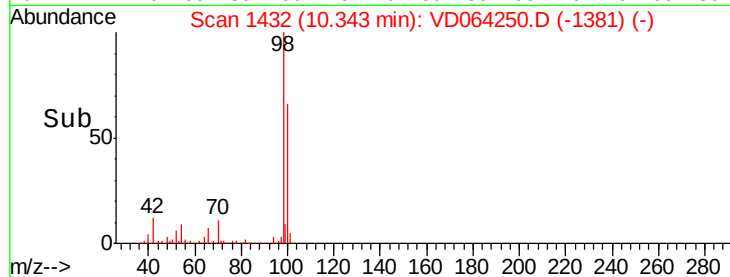
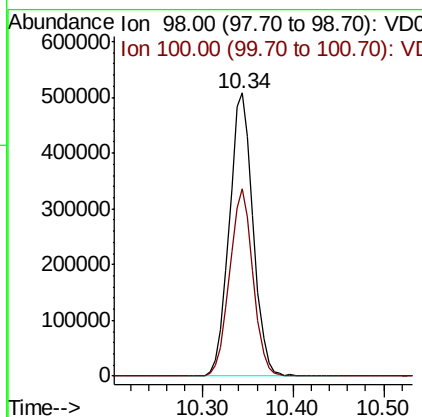
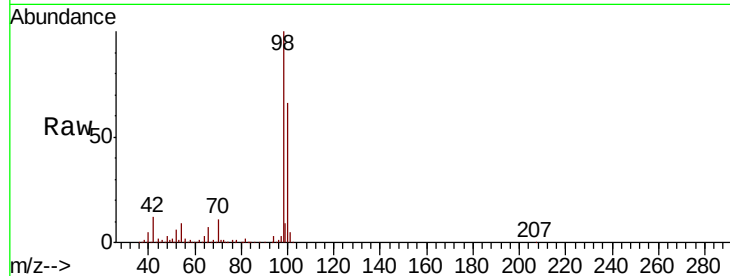




#50
Toluene-d8
Concen: 54.412 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

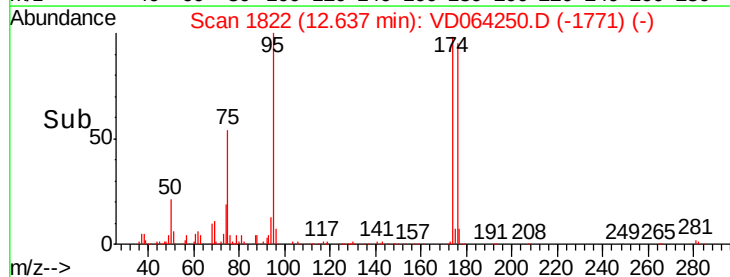
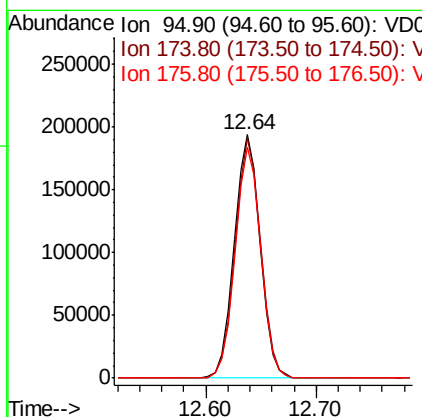
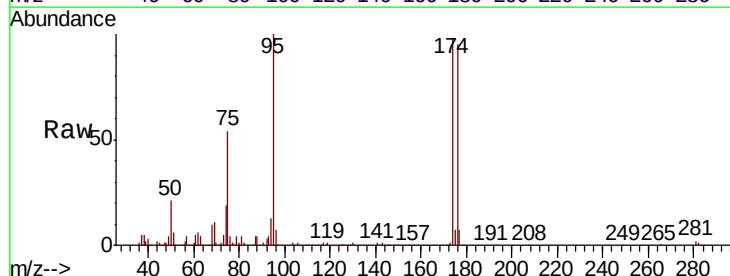
Instrument :
MSVOA_D
ClientSampled :

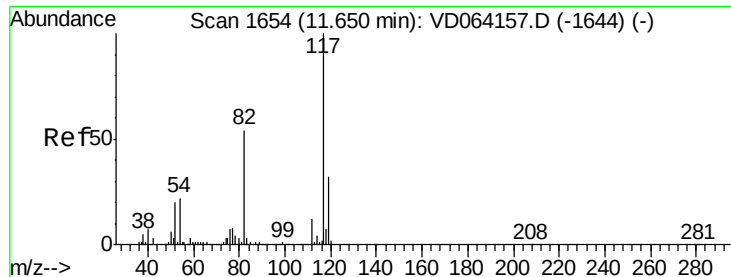
Tot Ion: 98 Resp: 925041
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.255 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

Tgt Ion: 95 Resp: 319426
Ion Ratio Lower Upper
95 100
174 97.1 0.0 183.6
176 93.8 0.0 180.2

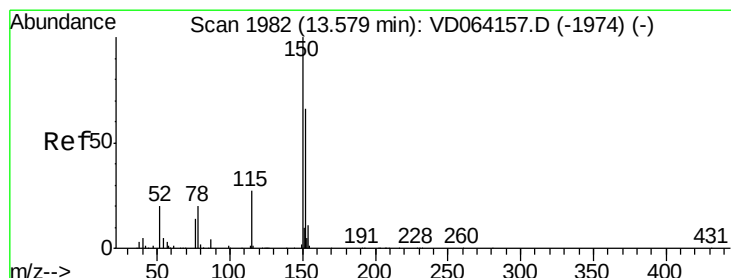
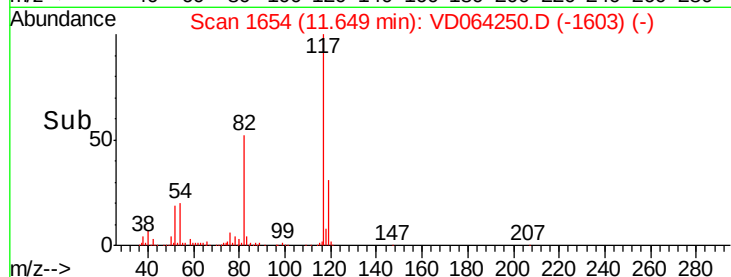
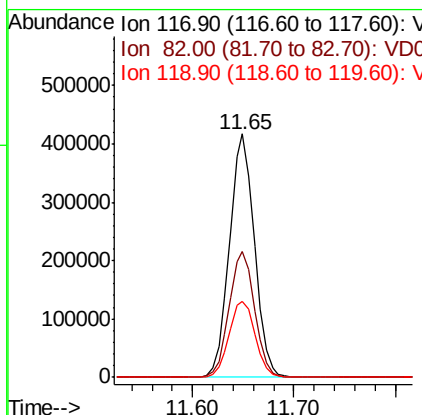
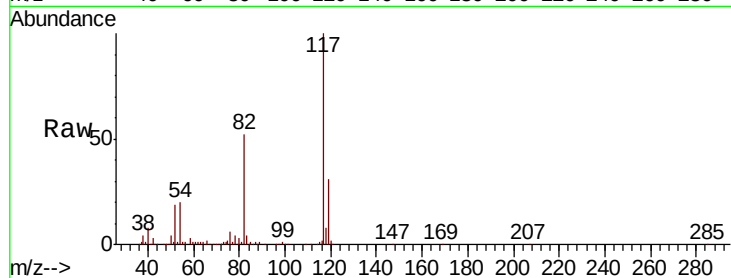




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

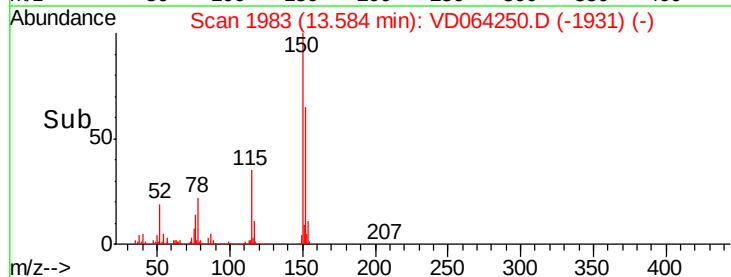
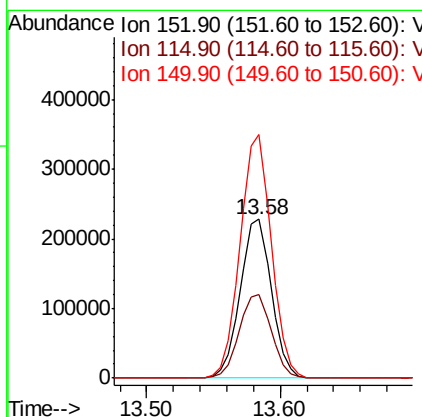
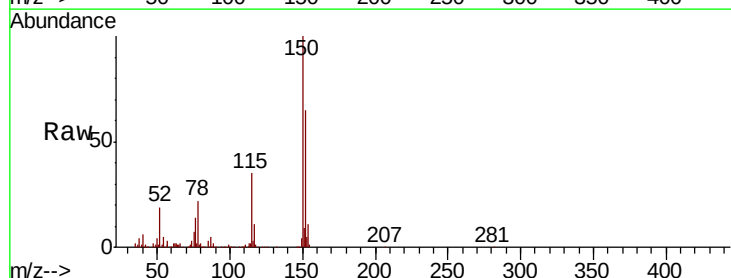
Instrument :
MSVOA_D
ClientSampled :

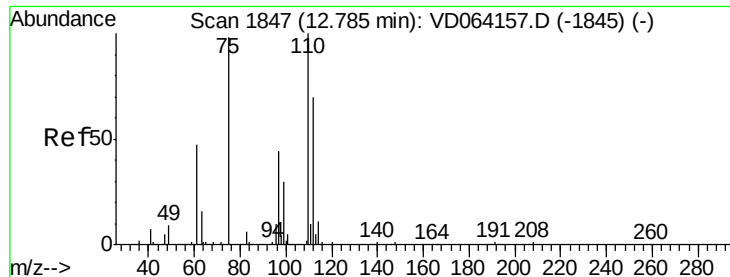
Tot Ion:117 Resp: 712279
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

Tgt Ion:152 Resp: 368622
Ion Ratio Lower Upper
152 100
115 54.1 27.4 82.2
150 153.0 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 55.797 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

Instrument :

MSVOA_D

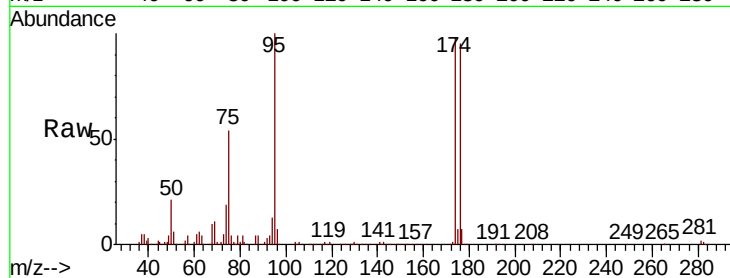
ClientSampleId :

Tot Ion: 75 Resp: 165669

Ion Ratio Lower Upper

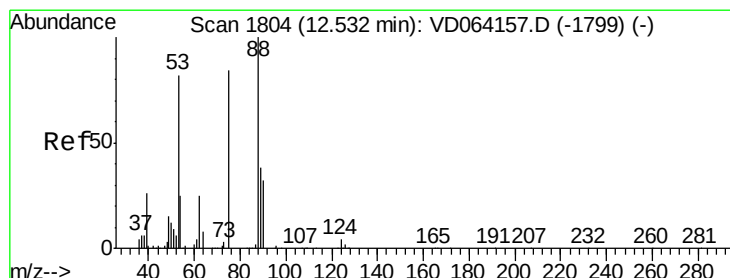
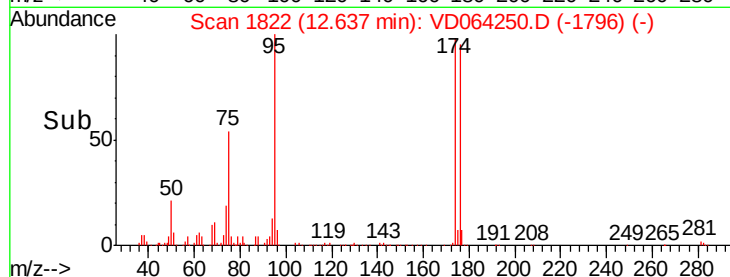
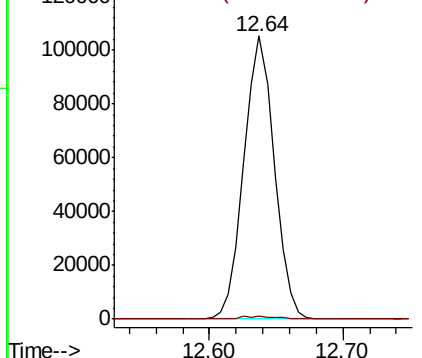
75 100

77 1.1 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: 110.835 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

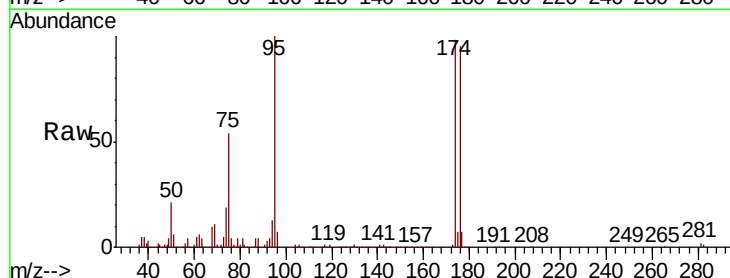
Tgt Ion: 75 Resp: 165669

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

