

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064325.D
 Acq On : 21 Nov 2019 15:30
 Operator : VA/SY
 Sample : K5676-21
 Misc : 14.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:42:30 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

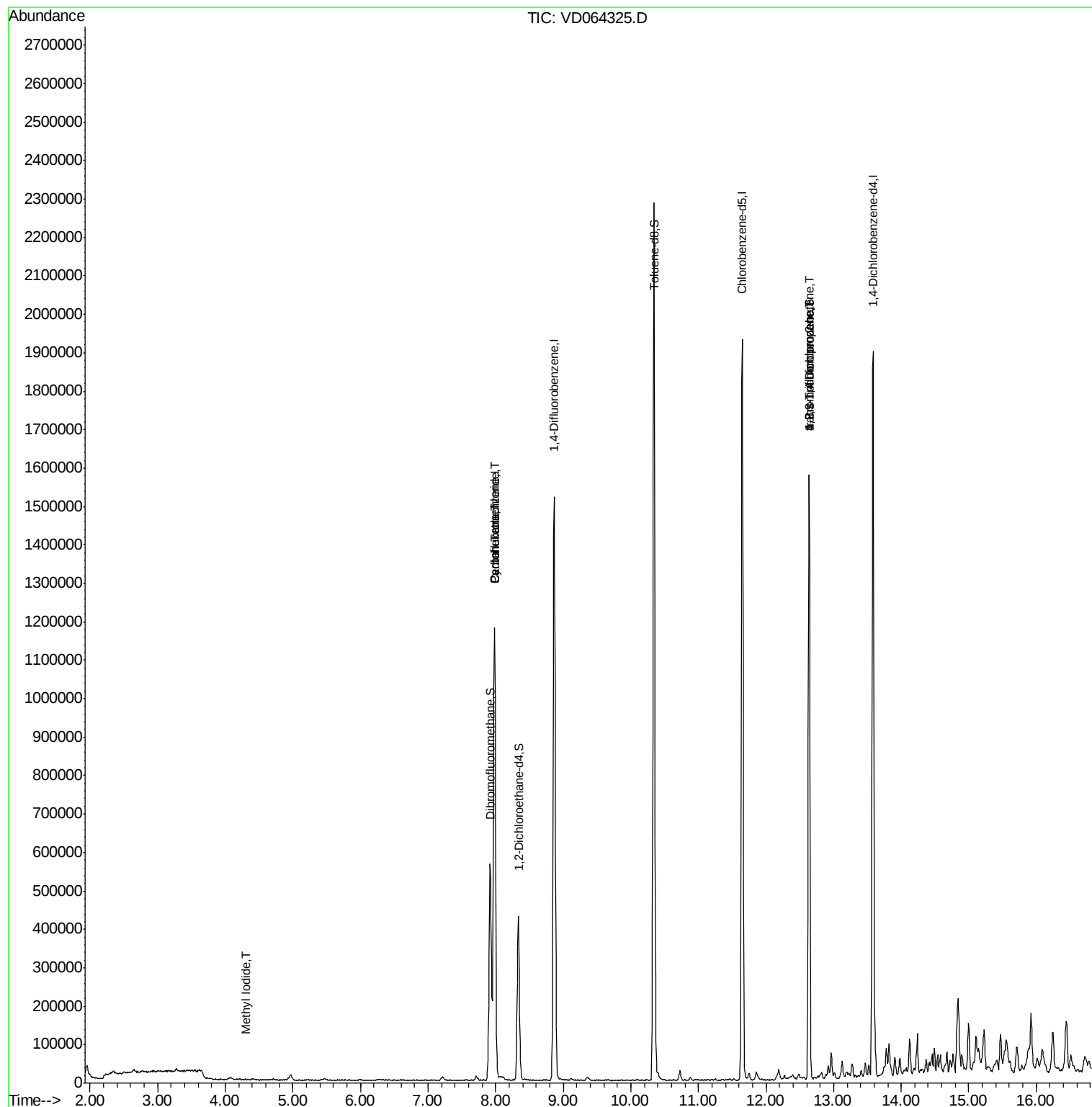
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	976956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1365749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1146671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	534201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	339335	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
35) Dibromofluoromethane	7.92	113	392088	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.34	98	1566243	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.64	95	482614	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1816	2.209	ug/l #	65
31) Cyclohexane	7.99	56	21491	1.363	ug/l #	38
38) Carbon Tetrachloride	7.99	117	86850	6.439	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	247646	57.554	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	247646	114.325	ug/l #	10

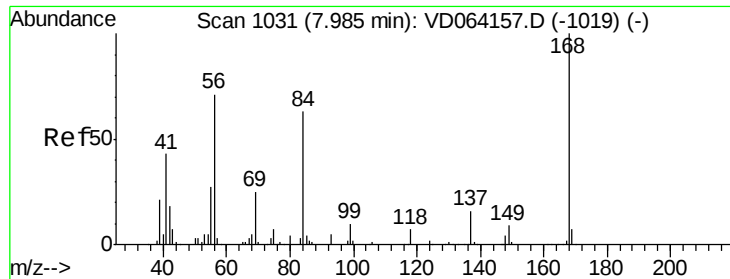
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064325.D

Acq: 21 Nov 2019 15:30

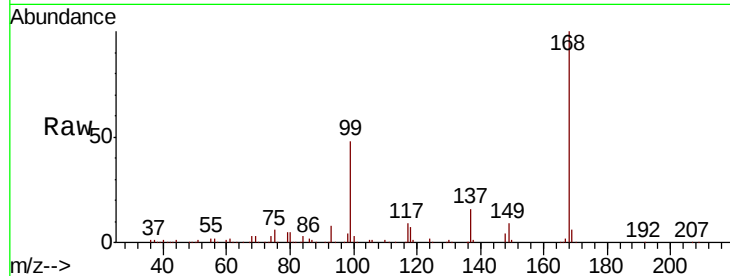
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 976956

Ion Ratio Lower Upper

168 100

99 47.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

500000

400000

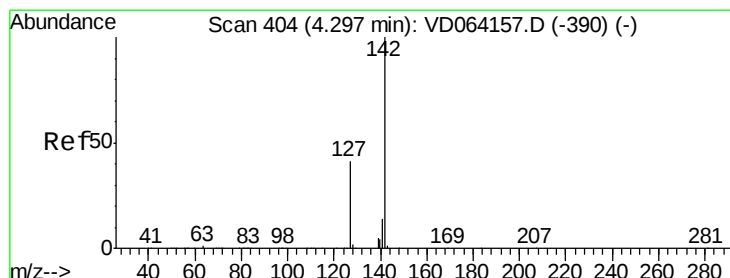
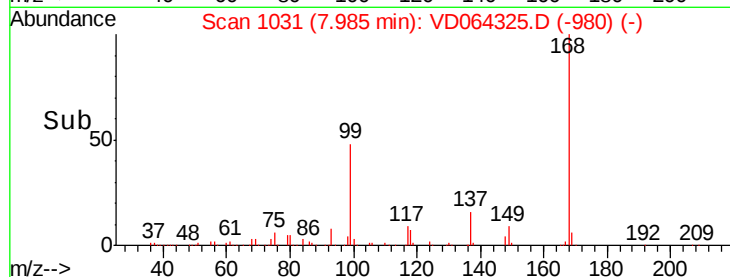
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.209 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064325.D

Acq: 21 Nov 2019 15:30

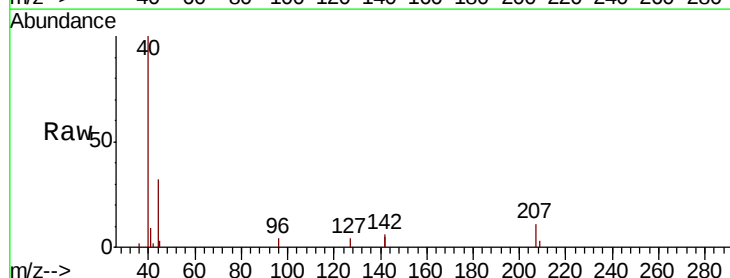
Tgt Ion:142 Resp: 1816

Ion Ratio Lower Upper

142 100

127 20.5 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

800

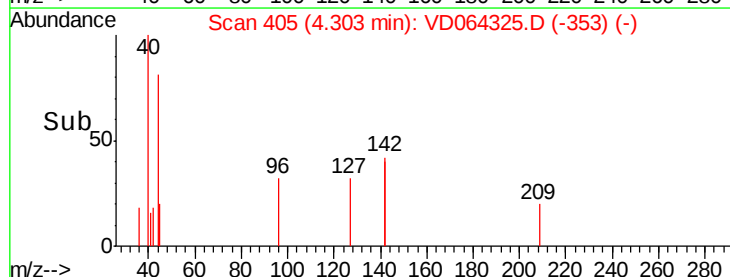
600

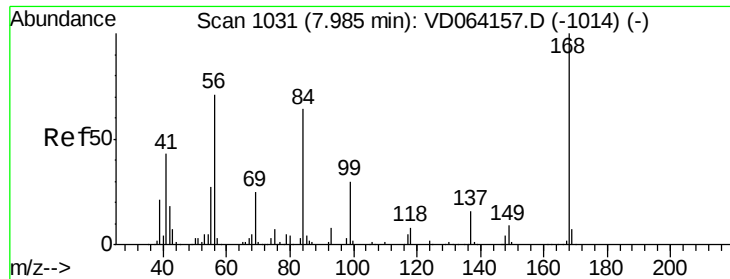
400

200

0

Time-->

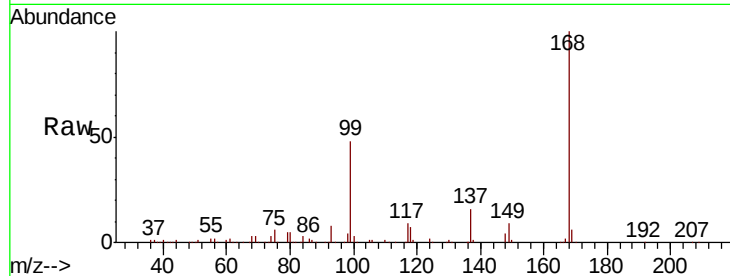




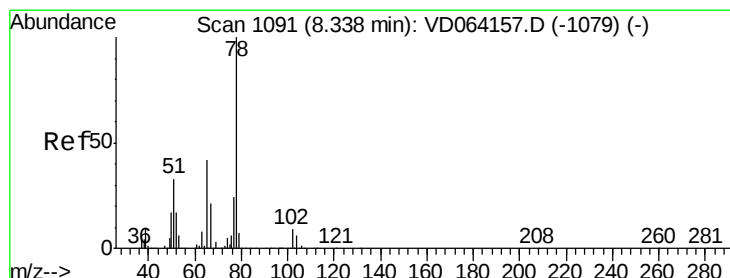
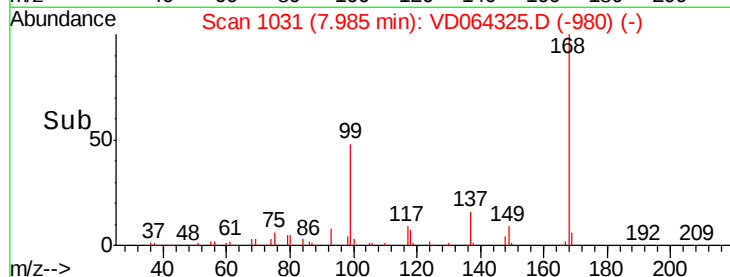
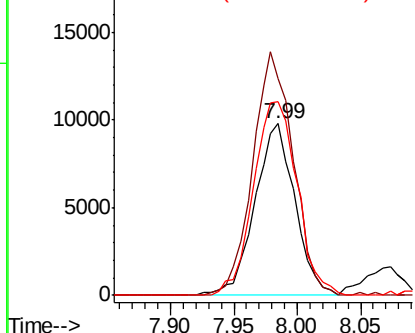
#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 21491
Ion Ratio Lower Upper
56 100
69 126.6 28.2 42.4#
84 112.7 71.8 107.6#

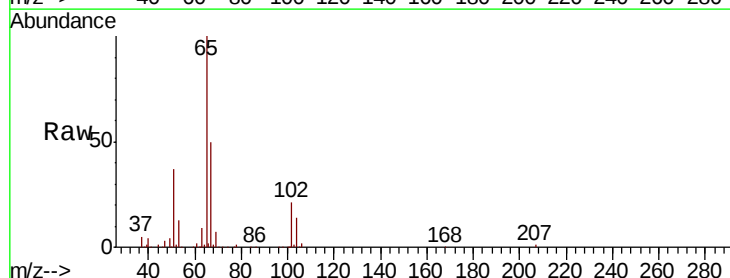


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

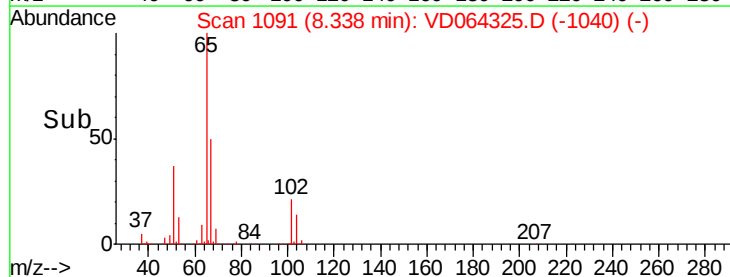
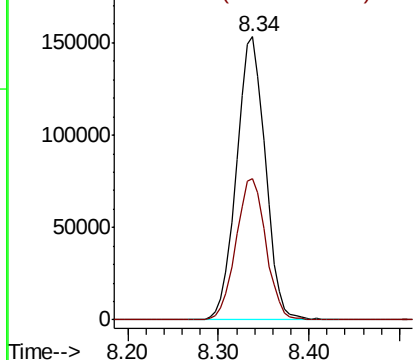


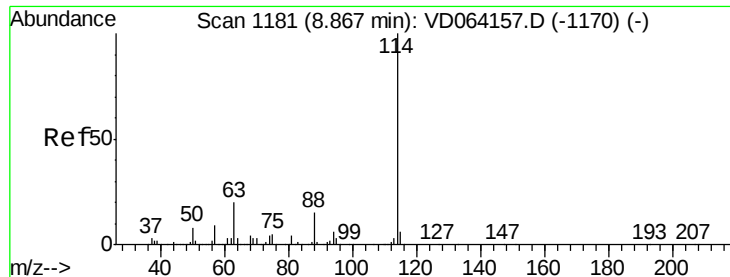
#33
1,2-Dichloroethane-d4
Concen: 42.233 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

Tgt Ion: 65 Resp: 339335
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

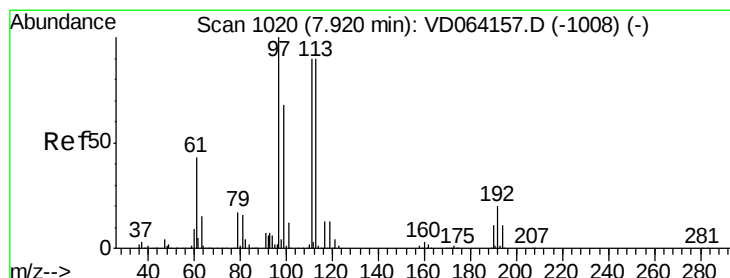
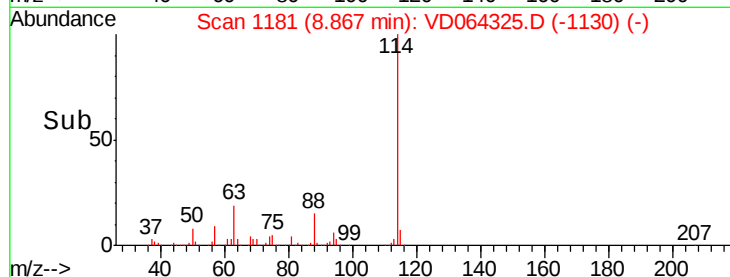
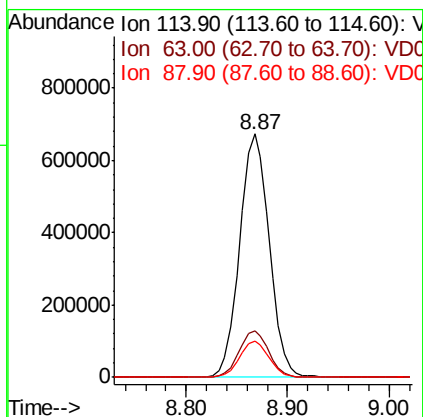
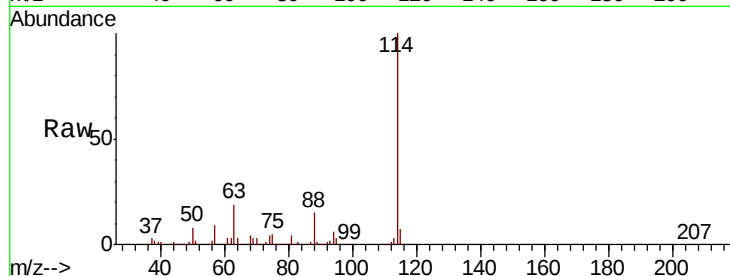




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064325.D
 Acq: 21 Nov 2019 15:30

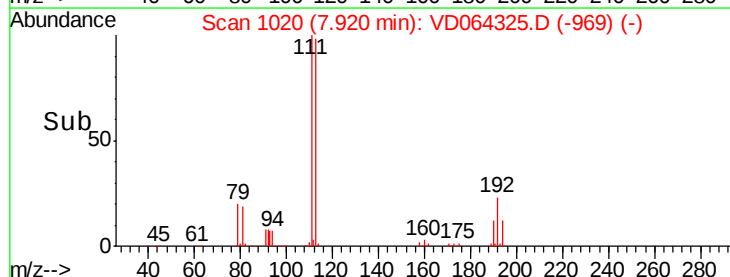
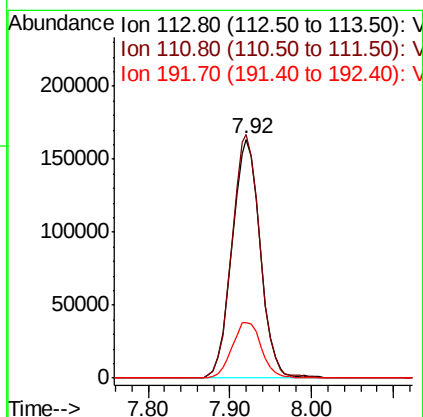
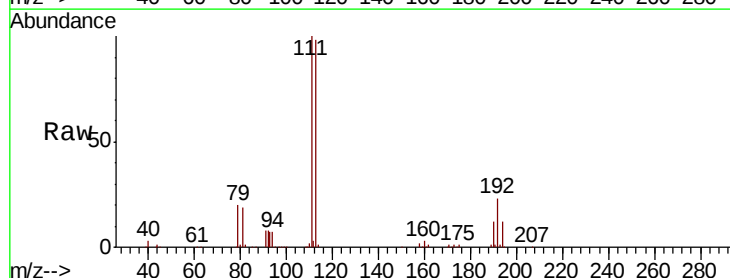
Instrument :
 MSVOA_D
 ClientSampleId :

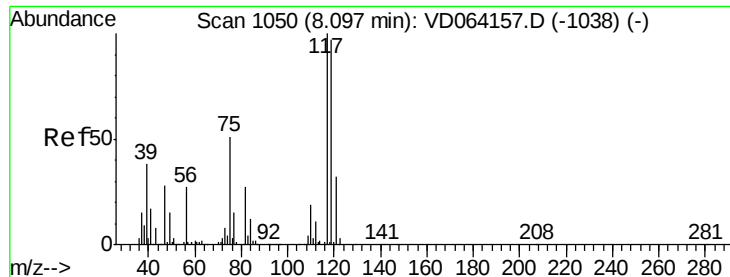
Tot Ion:114 Resp: 1365749
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 50.014 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064325.D
 Acq: 21 Nov 2019 15:30

Tgt Ion:113 Resp: 392088
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 24.3 18.8 28.2

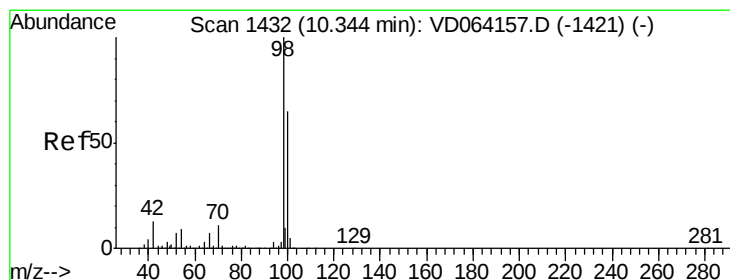
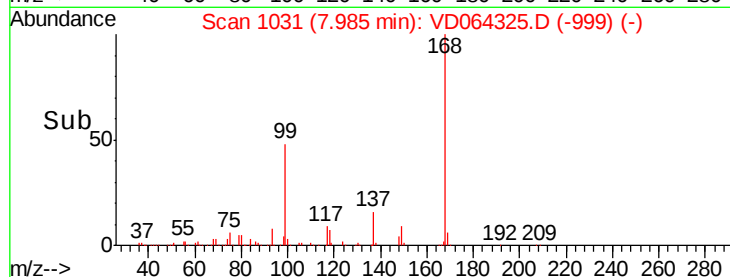
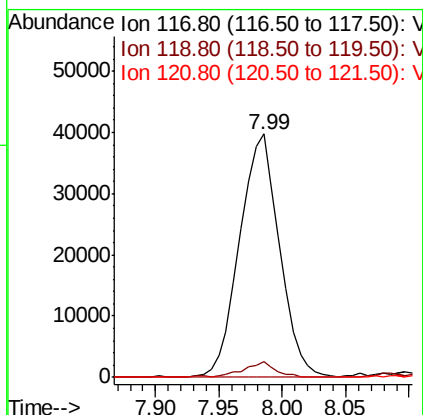
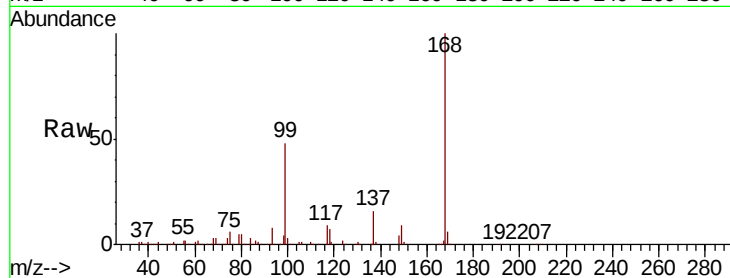




#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

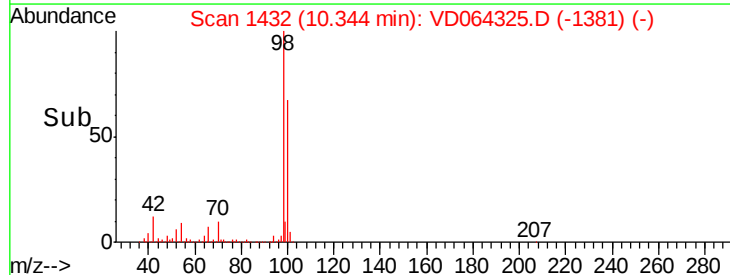
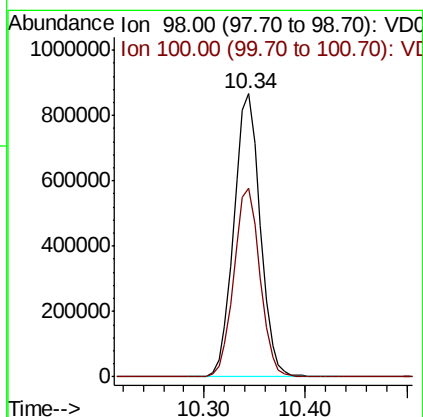
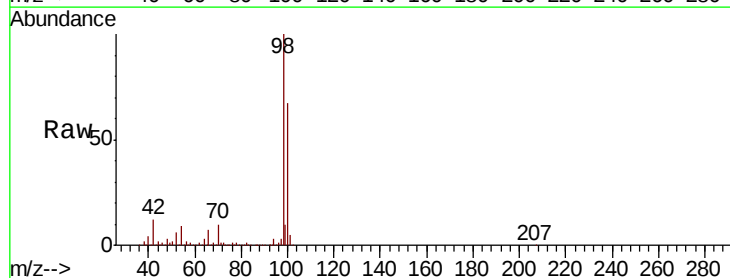
Instrument :
MSVOA_D
ClientSampleId :

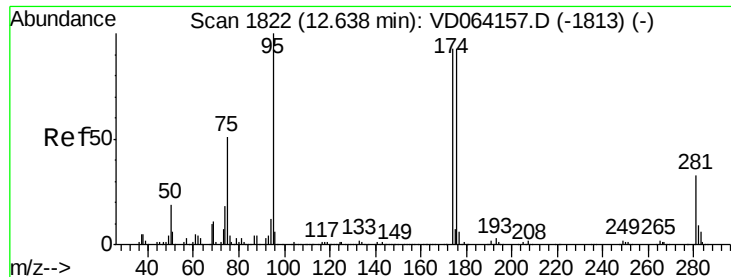
Tot Ion:117 Resp: 86850
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 52.959 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

Tgt Ion: 98 Resp: 1566243
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

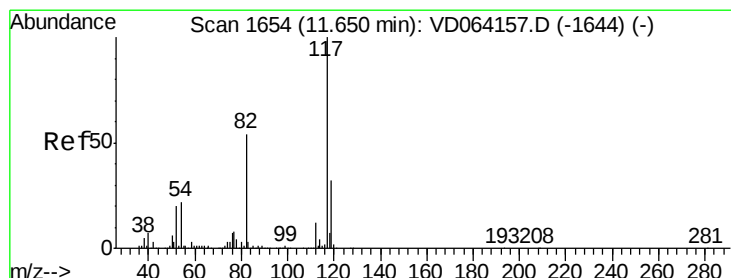
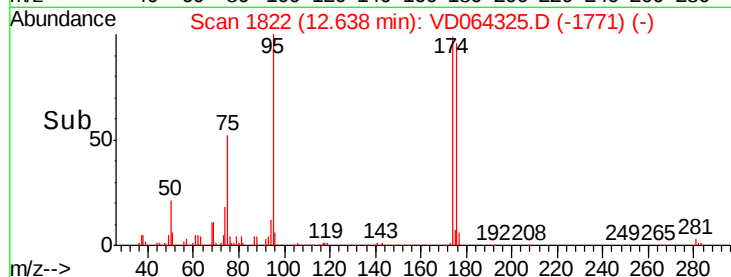
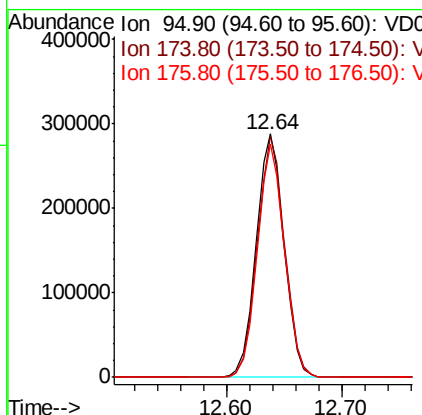
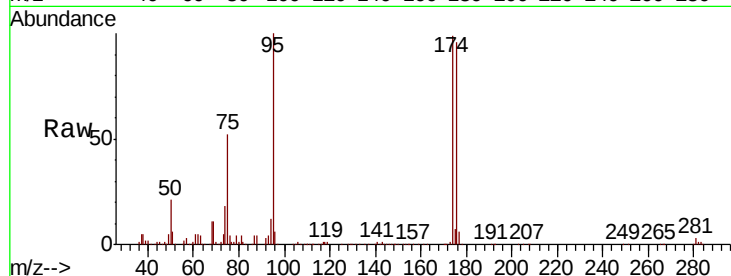




#62
4-Bromofluorobenzene
Concen: 47.122 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

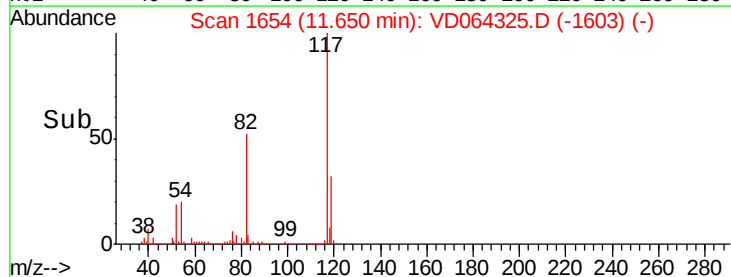
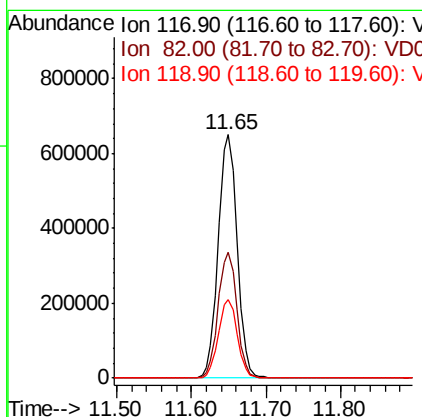
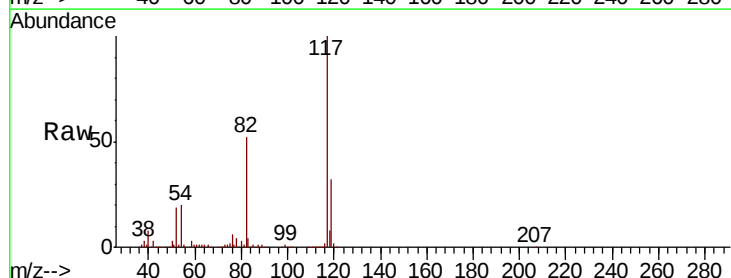
Instrument :
MSVOA_D
ClientSampleId :

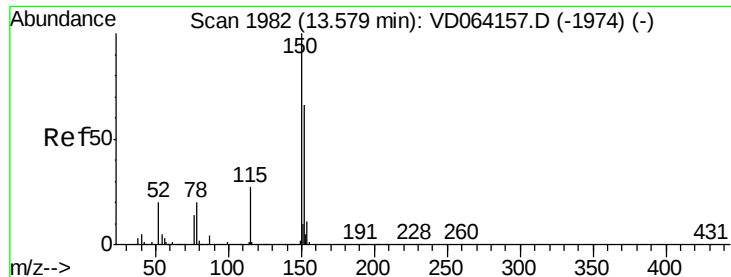
Tot Ion: 95 Resp: 482614
Ion Ratio Lower Upper
95 100
174 97.9 0.0 183.6
176 93.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064325.D
Acq: 21 Nov 2019 15:30

Tgt Ion: 117 Resp: 1146671
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 32.5 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: VD064325.D

Acq: 21 Nov 2019 15:30

Instrument :

MSVOA_D

ClientSampleId :

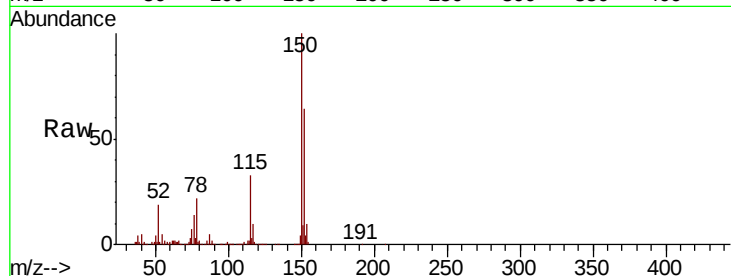
Tot Ion:152 Resp: 534201

Ion Ratio Lower Upper

152 100

115 53.6 27.4 82.2

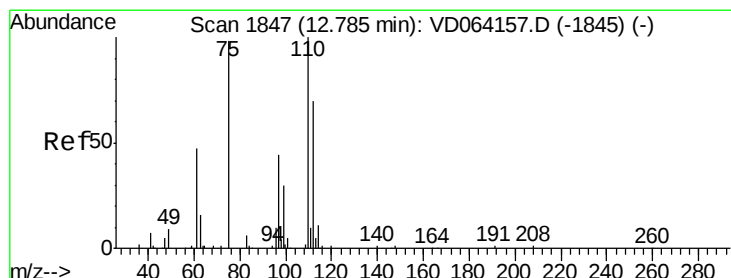
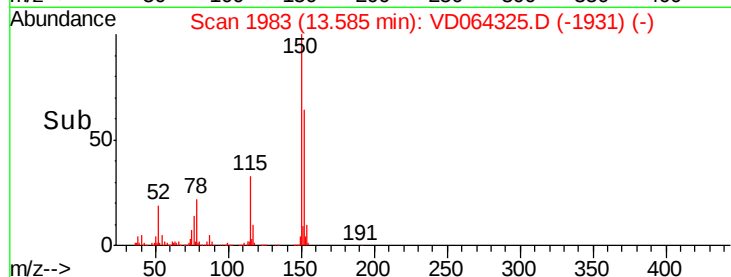
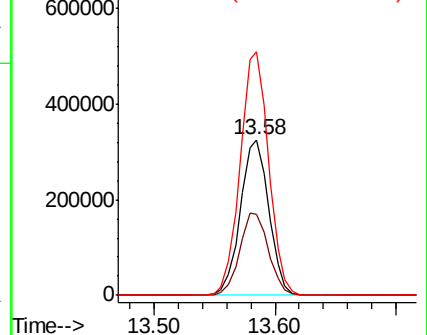
150 157.0 0.0 351.6



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: 57.554 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064325.D

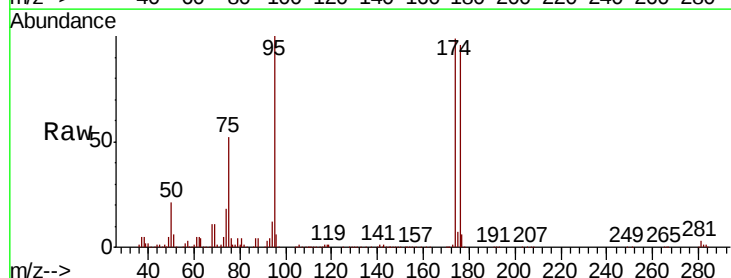
Acq: 21 Nov 2019 15:30

Tgt Ion: 75 Resp: 247646

Ion Ratio Lower Upper

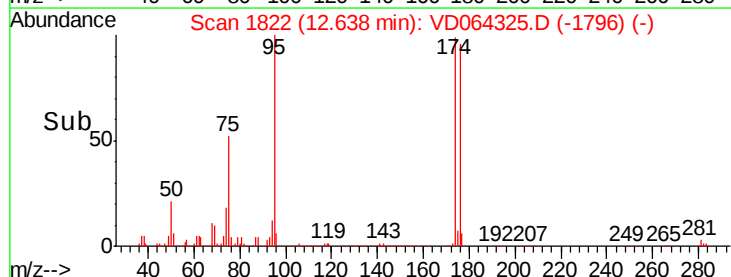
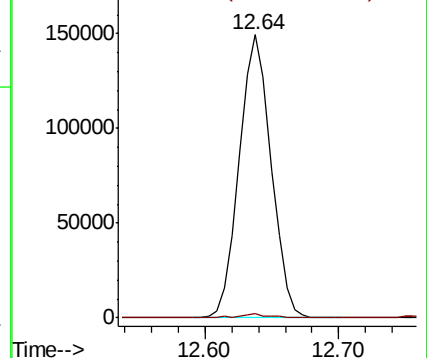
75 100

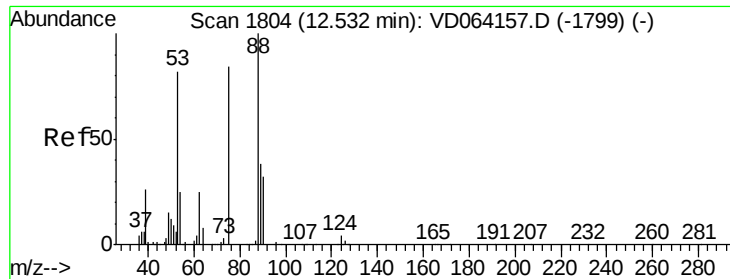
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 114.325 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064325.D

Acq: 21 Nov 2019 15:30

Instrument :

MSVOA_D

ClientSampleId :

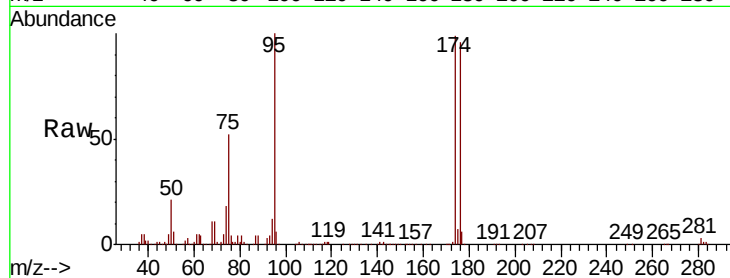
Tot Ion: 75 Resp: 247646

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

