

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064196.D
 Acq On : 12 Nov 2019 15:05
 Operator : VA/SY
 Sample : VD1112SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:10:32 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	903389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1355469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1376163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	715358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	343002	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	7.92	113	396107	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.34	98	1628611	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
62) 4-Bromofluorobenzene	12.64	95	640483	63.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.02%	

Target Compounds

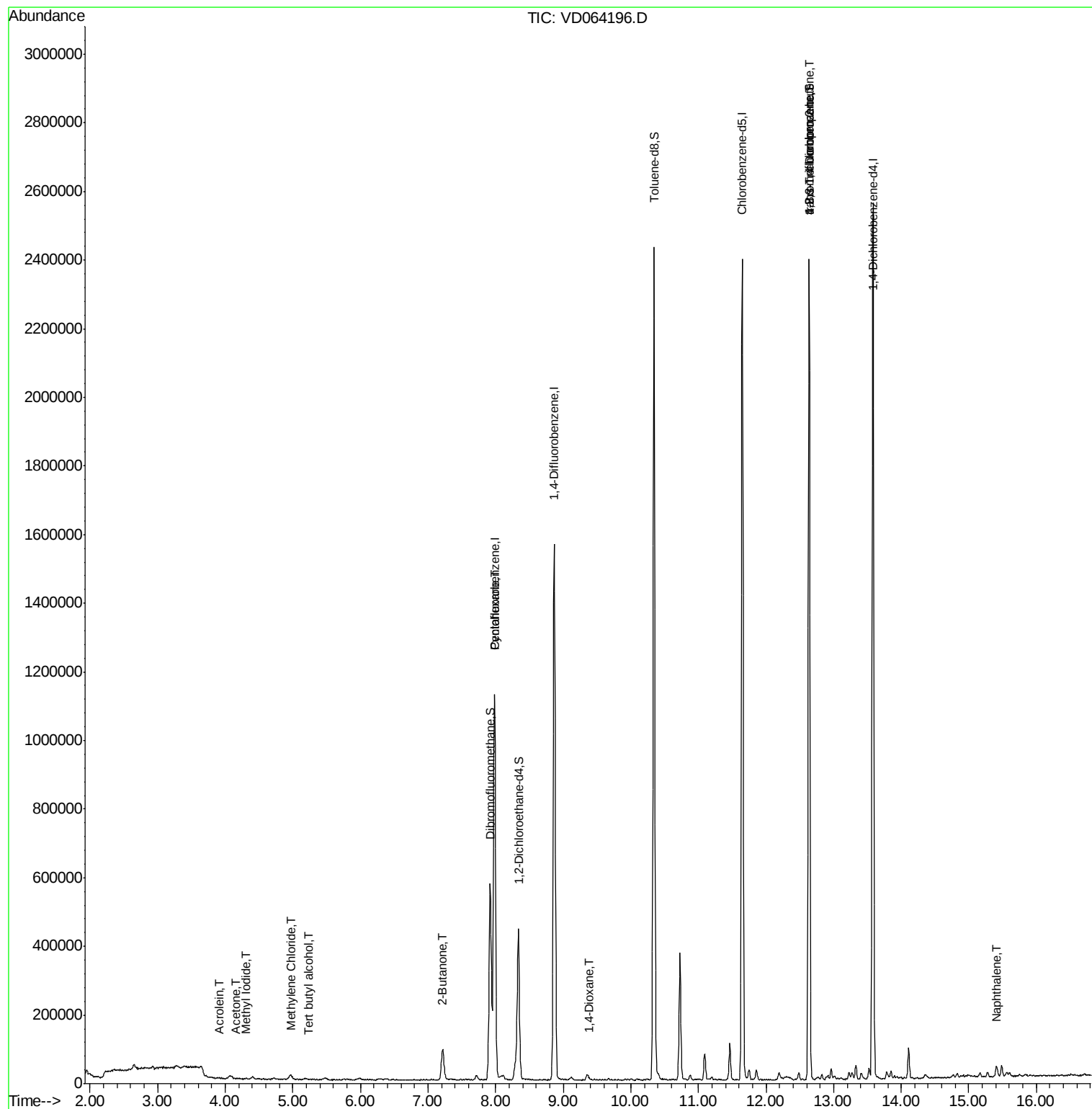
						Qvalue
10) Methyl Iodide	4.30	142	1908	2.233	ug/l #	43
11) Tert butyl alcohol	5.24	59	1008	1.942	ug/l #	45
13) Acrolein	3.90	56	1359	3.096	ug/l #	52
16) Acetone	4.17	43	4675	2.656	ug/l	97
20) Methylene Chloride	4.97	84	9292	1.045	ug/l #	82
25) 2-Butanone	7.21	43	5088	2.237	ug/l #	80
31) Cyclohexane	7.98	56	23373	1.603	ug/l #	27
49) 1,4-Dioxane	9.39	88	63	1.177	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	333297	57.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	333297	114.901	ug/l #	10
95) Naphthalene	15.41	128	29364	1.159	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111219\
Data File : VD064196.D
Acq On : 12 Nov 2019 15:05
Operator : VA/SY
Sample : VD1112SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 13 04:10:32 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: VD064196.D

Acq: 12 Nov 2019 15:05

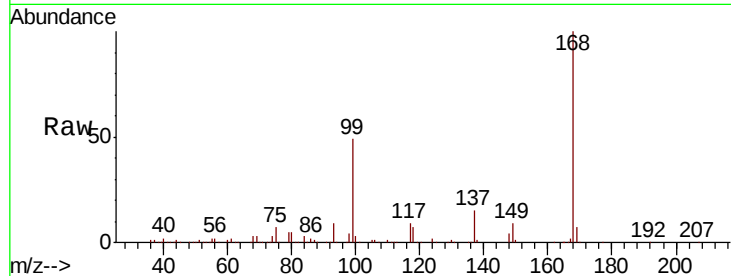
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 903389

Ion Ratio Lower Upper

168 100

99 49.4 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

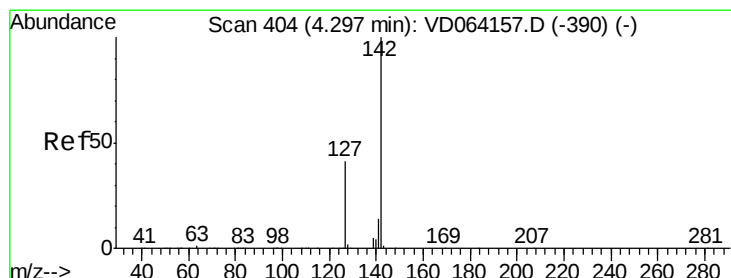
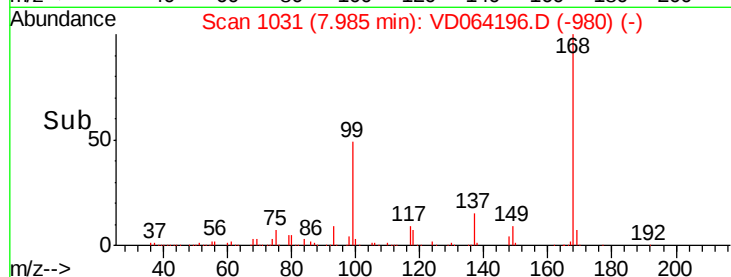
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.233 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064196.D

Acq: 12 Nov 2019 15:05

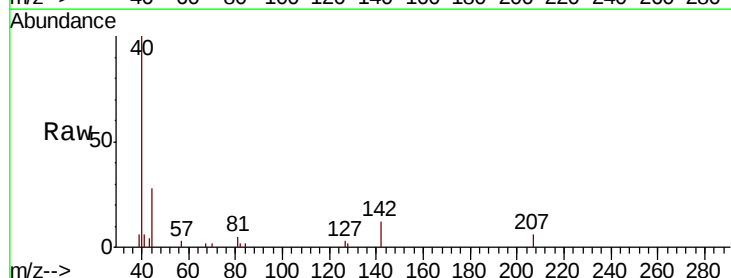
Tgt Ion:142 Resp: 1908

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 2.9 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

1200

1000

800

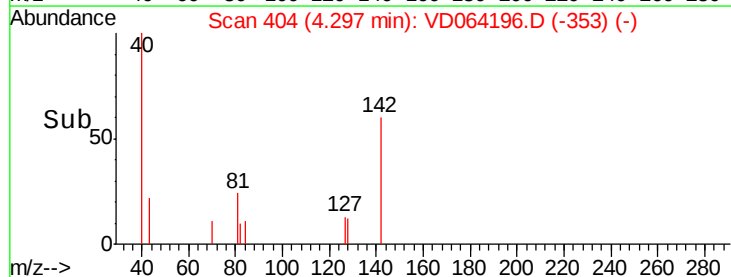
600

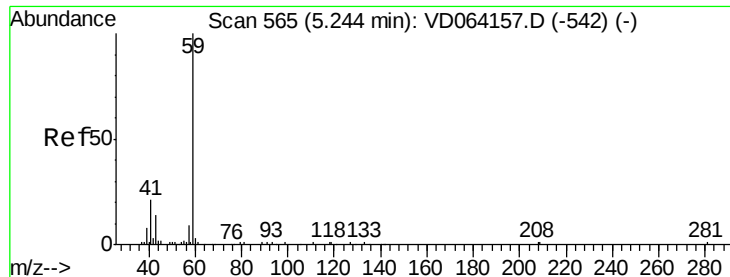
400

200

0

Time-->

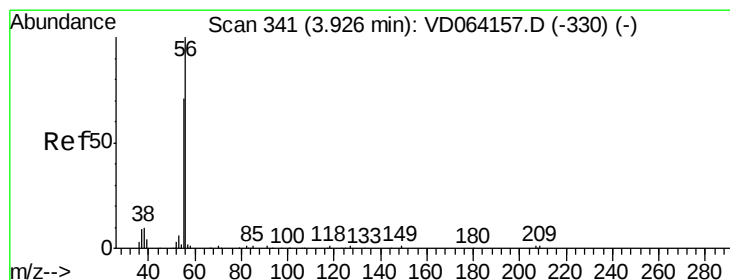
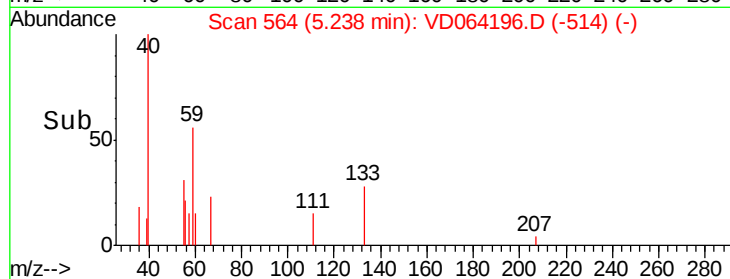
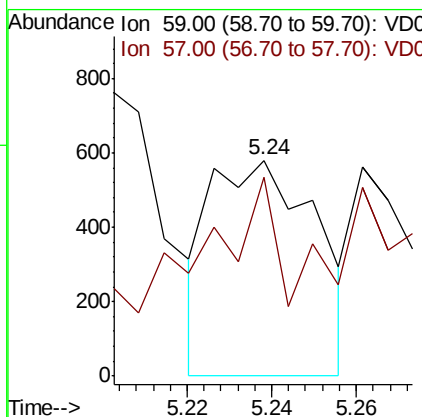
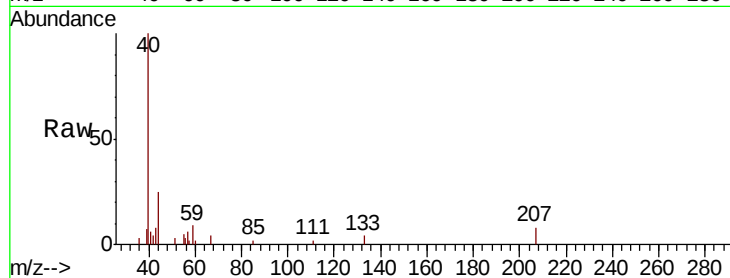




#11
Tert butyl alcohol
Concen: 1.942 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.00 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

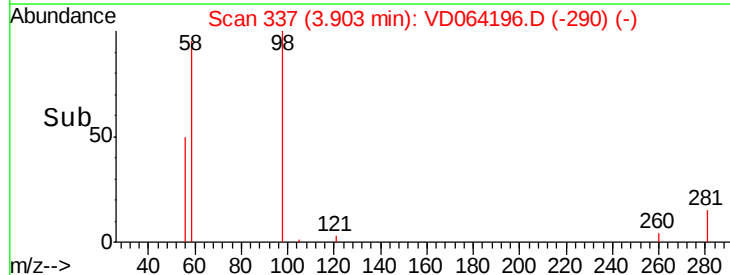
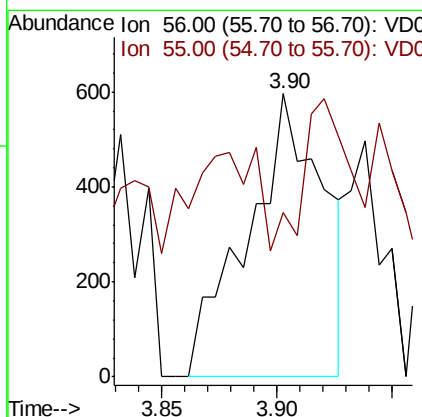
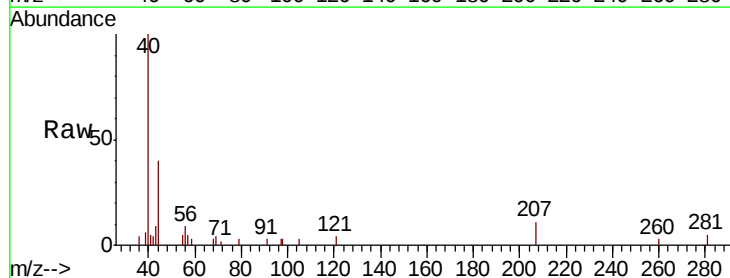
Instrument :
MSVOA_D
ClientSampled :

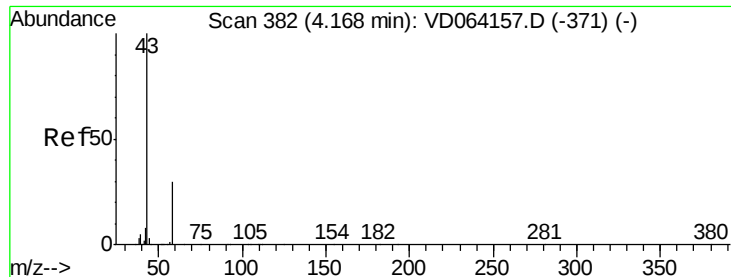
Tot Ion: 59 Resp: 1008
Ion Ratio Lower Upper
59 100
57 32.9 9.4 14.2#



#13
Acrolein
Concen: 3.096 ug/l
RT: 3.90 min Scan# 337
Delta R.T. -0.02 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Tgt Ion: 56 Resp: 1359
Ion Ratio Lower Upper
56 100
55 30.9 56.1 84.1#

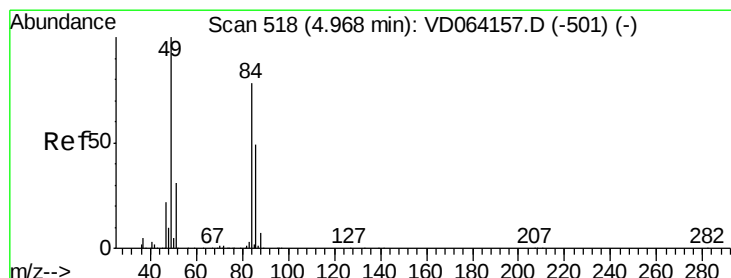
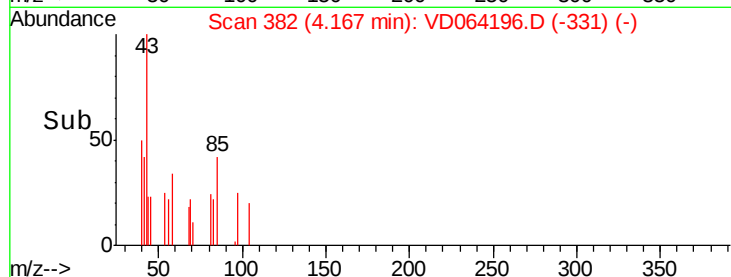
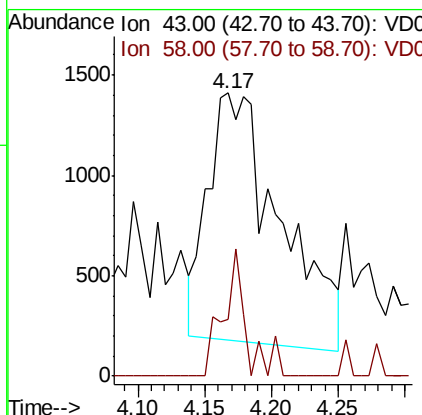
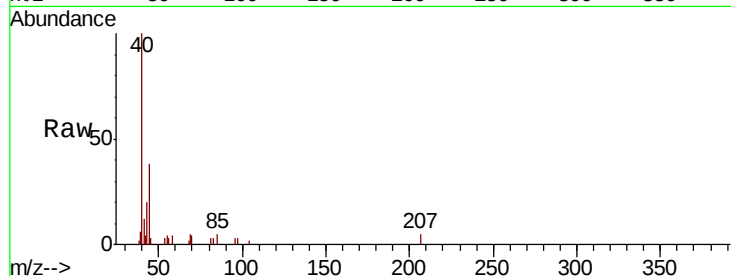




#16
Acetone
Concen: 2.656 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

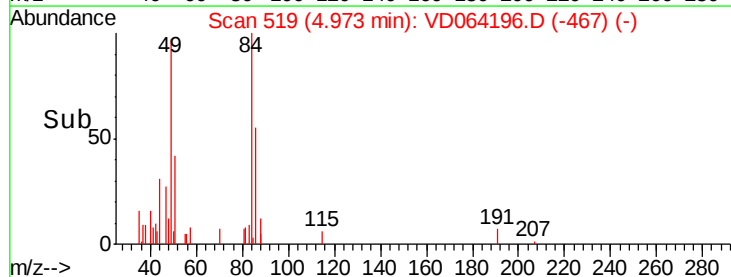
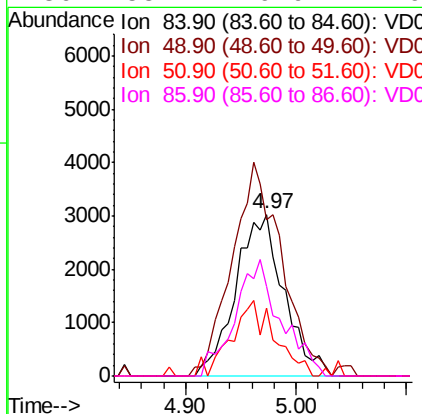
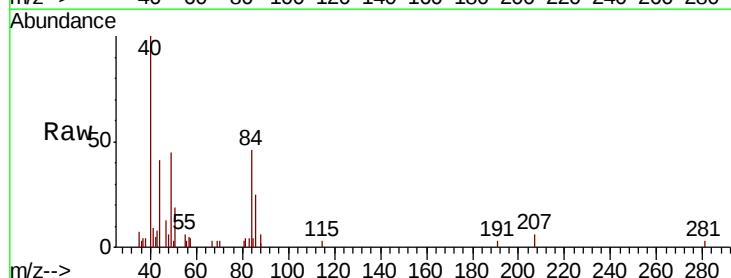
Instrument :
MSVOA_D
ClientSampleId :

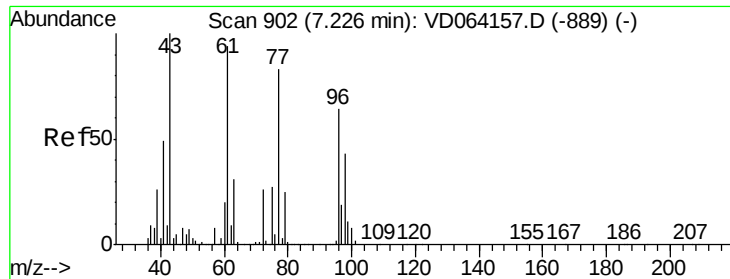
Tot Ion: 43 Resp: 4675
Ion Ratio Lower Upper
43 100
58 28.6 24.1 36.1



#20
Methylene Chloride
Concen: 1.045 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Tgt Ion: 84 Resp: 9292
Ion Ratio Lower Upper
84 100
49 96.5 102.1 153.1#
51 41.8 32.2 48.2
86 55.1 49.9 74.9

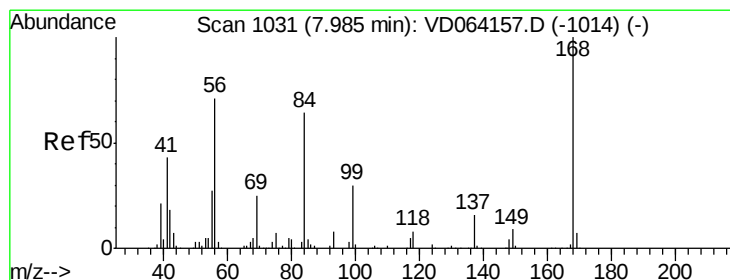
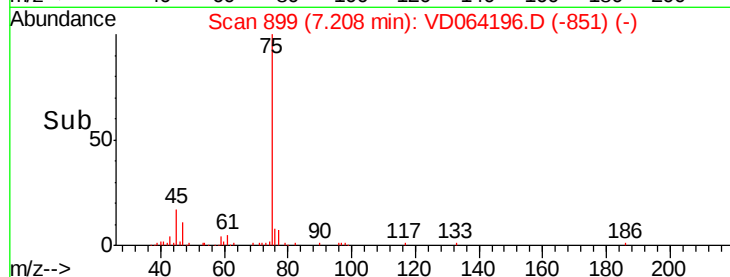
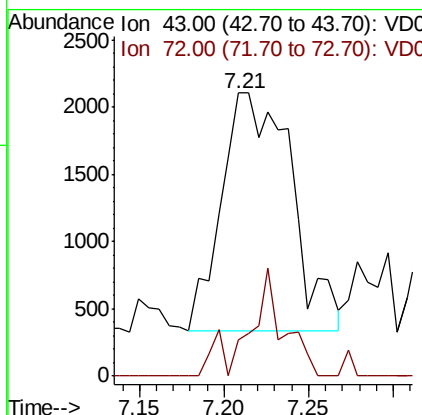
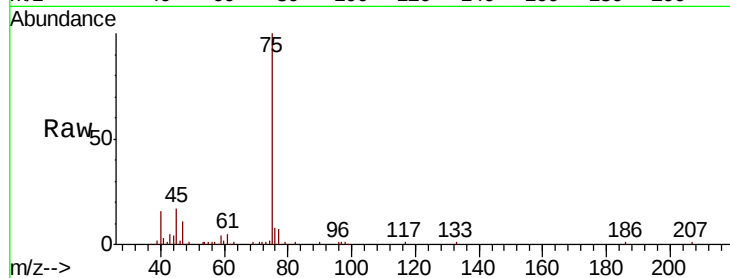




#25
2-Butanone
Concen: 2.237 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.02 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

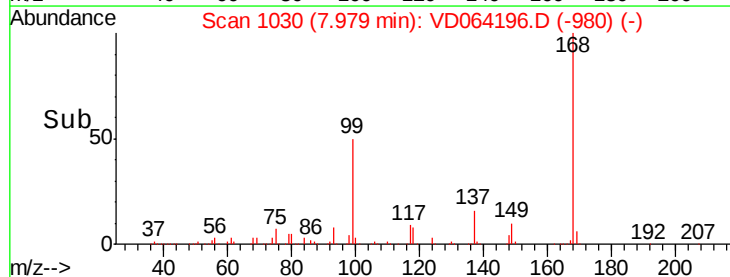
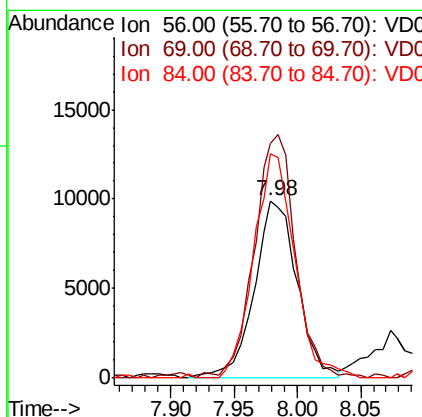
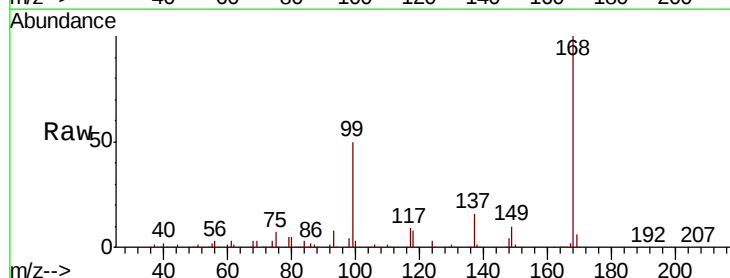
Instrument :
MSVOA_D
ClientSampled :

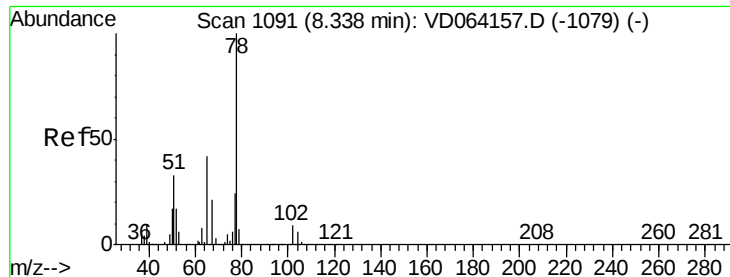
Tot Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
72 15.5 20.6 30.8#



#31
Cyclohexane
Concen: 1.603 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Tgt Ion: 56 Resp: 23373
Ion Ratio Lower Upper
56 100
69 130.6 28.2 42.4#
84 124.4 71.8 107.6#

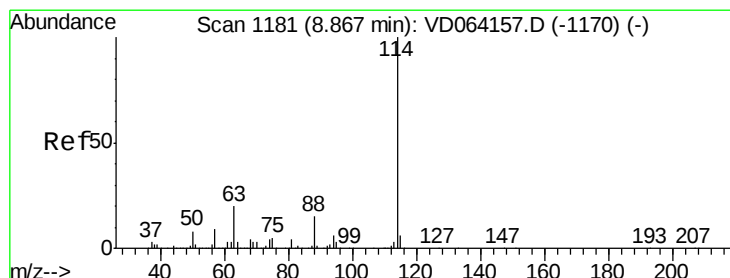
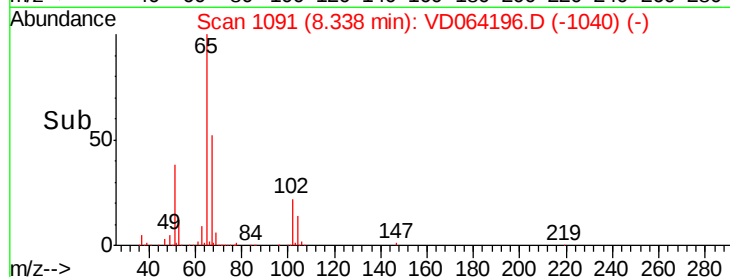
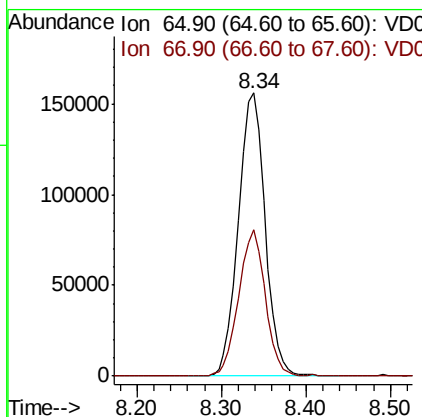
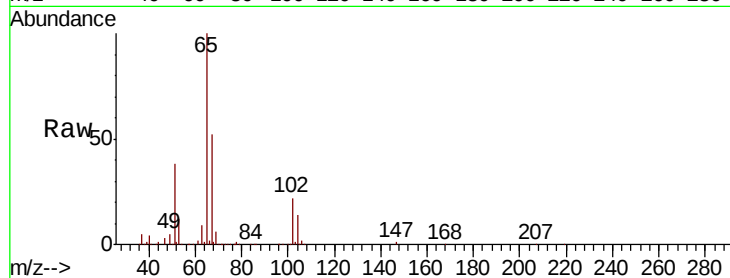




#33
 1,2-Dichloroethane-d4
 Concen: 46.165 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064196.D
 Acq: 12 Nov 2019 15:05

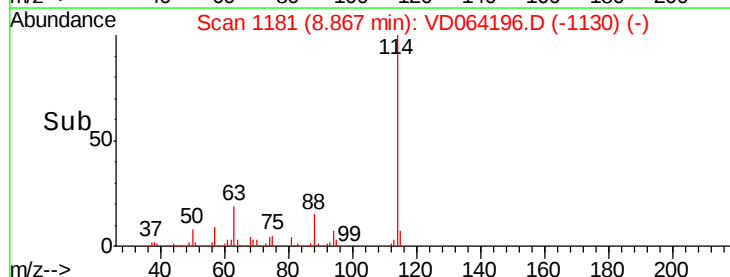
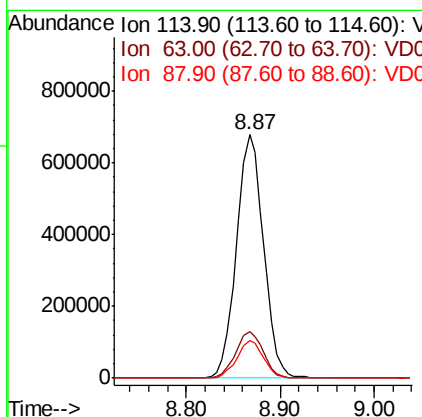
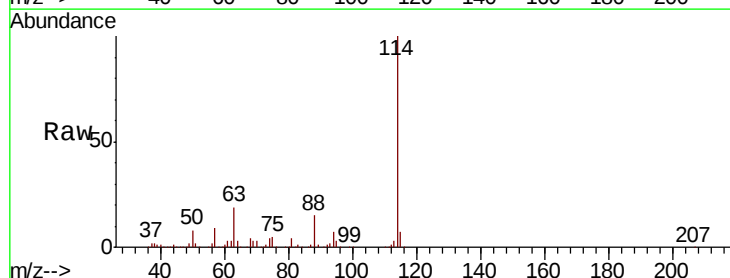
Instrument :
 MSVOA_D
 ClientSampleId :

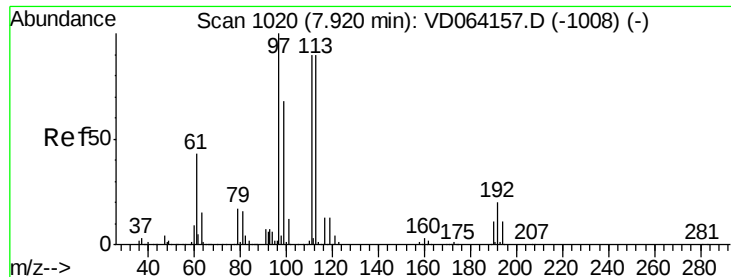
Tot Ion: 65 Resp: 343002
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064196.D
 Acq: 12 Nov 2019 15:05

Tgt Ion: 114 Resp: 1355469
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.2 0.0 30.2

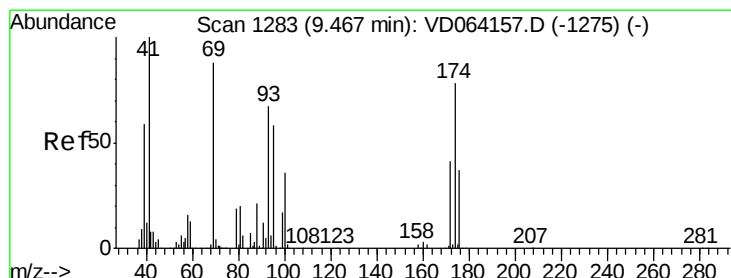
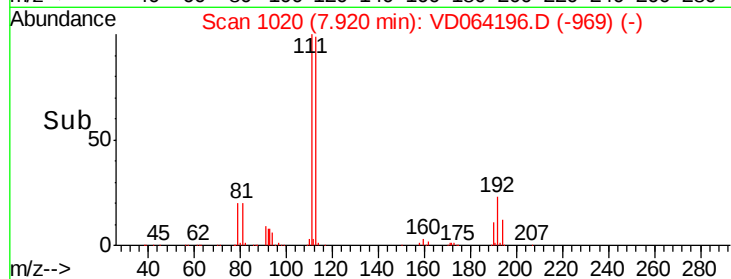
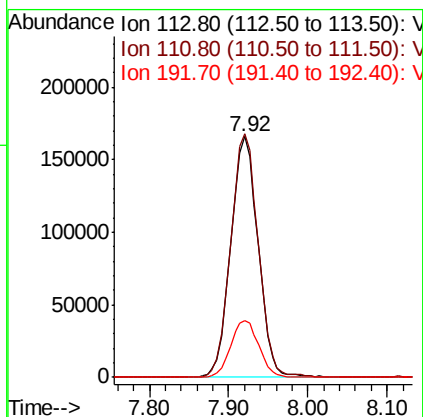
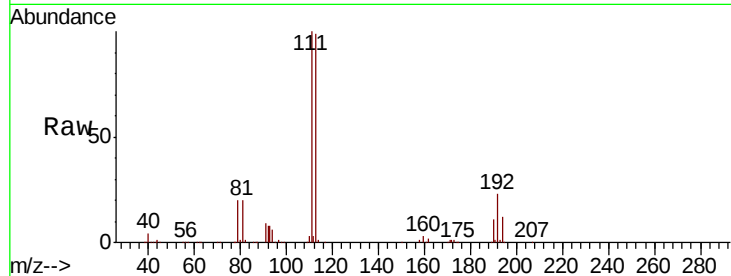




#35
 Dibromofluoromethane
 Concen: 50.909 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064196.D
 Acq: 12 Nov 2019 15:05

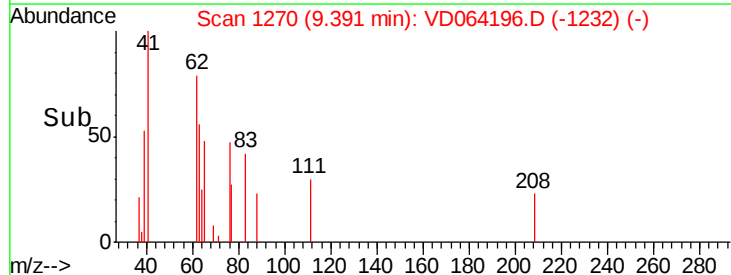
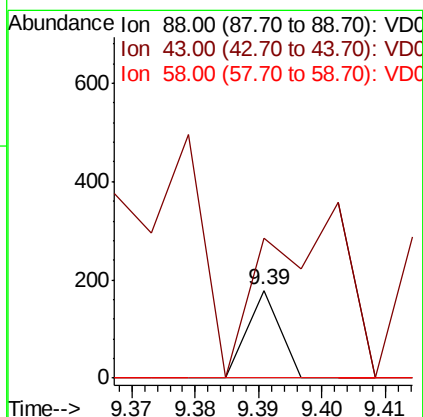
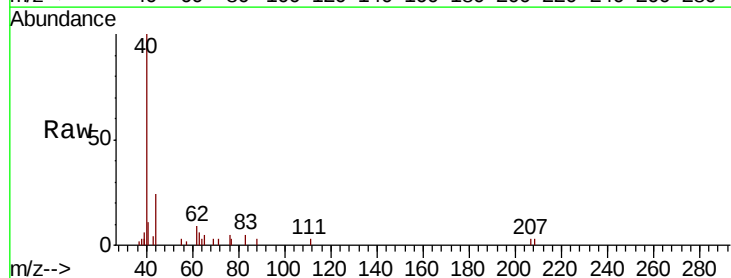
Instrument :
 MSVOA_D
 ClientSampleId :

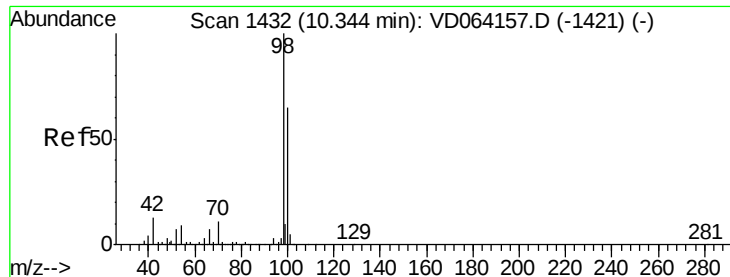
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	24.2	18.8	28.2



#49
 1,4-Dioxane
 Concen: 1.177 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.08 min
 Lab File: VD064196.D
 Acq: 12 Nov 2019 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
43	484.1	29.8	44.8#
58	0.0	58.1	87.1#

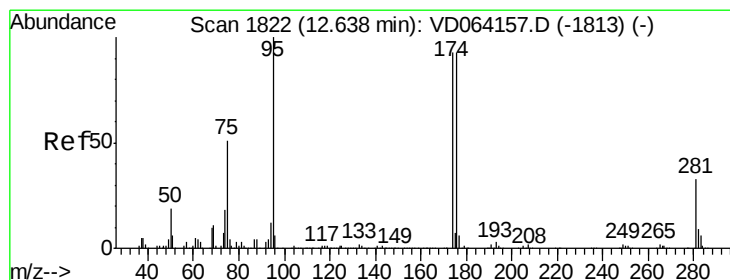
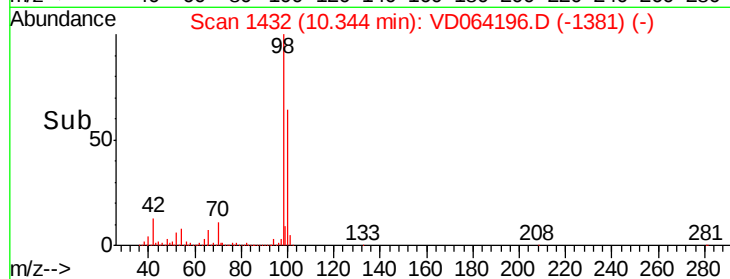
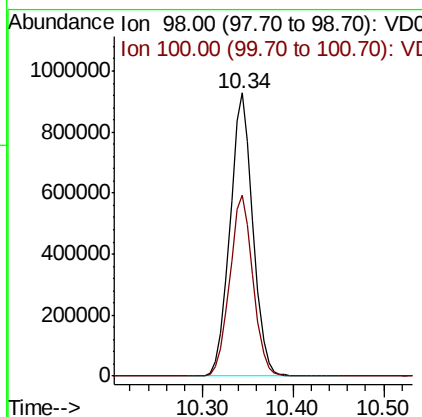
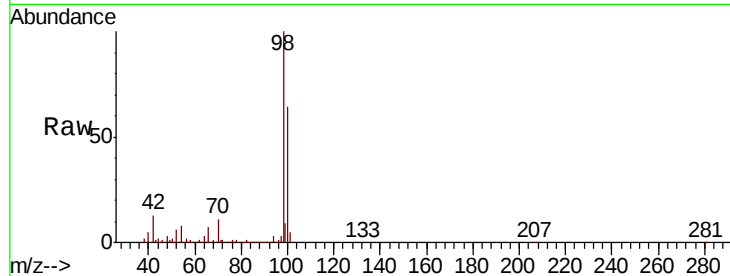




#50
Toluene-d8
Concen: 55.486 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

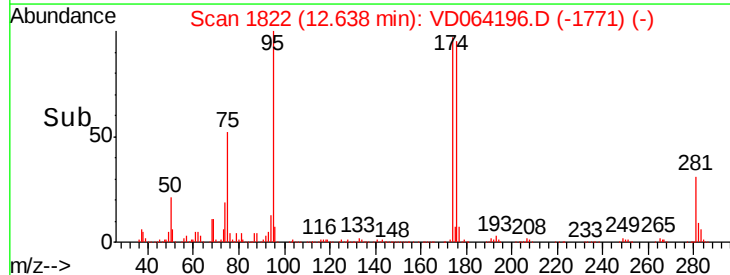
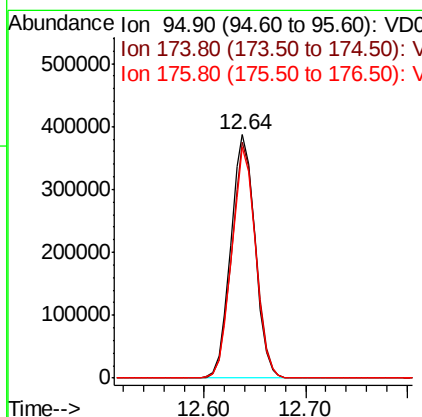
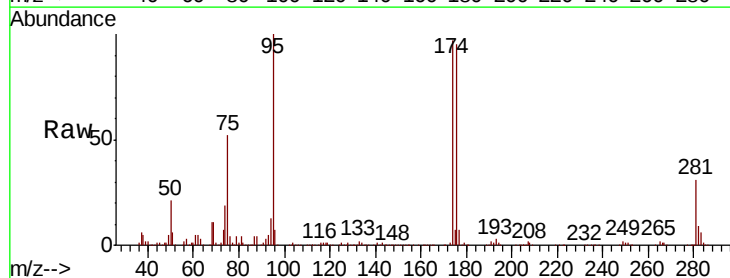
Instrument :
MSVOA_D
ClientSampled :

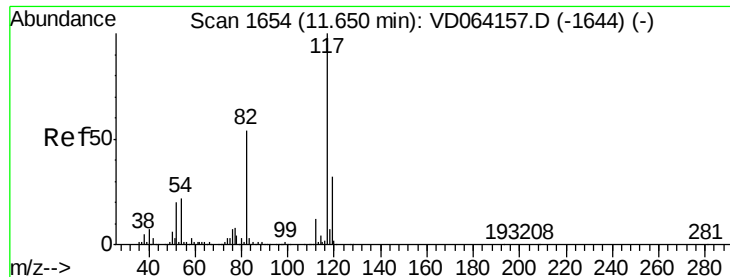
Tot Ion: 98 Resp: 1628611
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.010 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Tgt Ion: 95 Resp: 640483
Ion Ratio Lower Upper
95 100
174 95.8 0.0 183.6
176 93.3 0.0 180.2

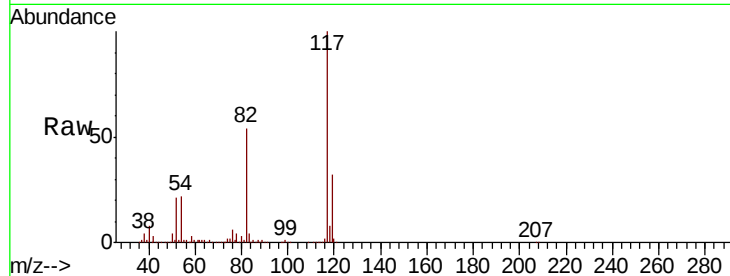




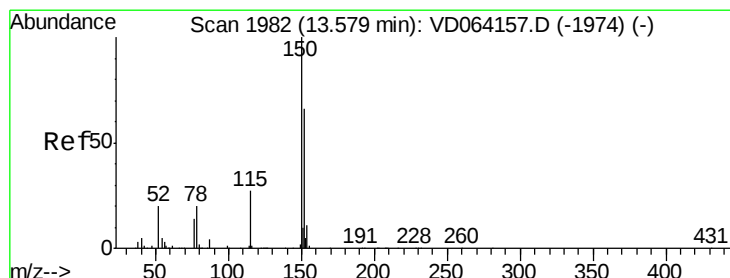
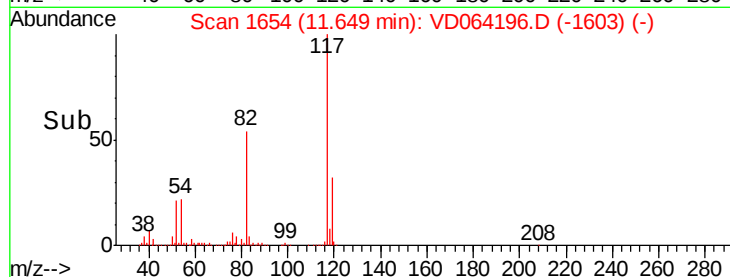
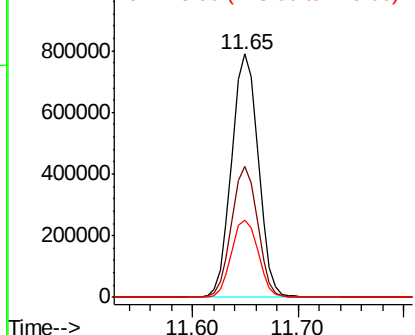
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1376163
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 31.7 25.6 38.4

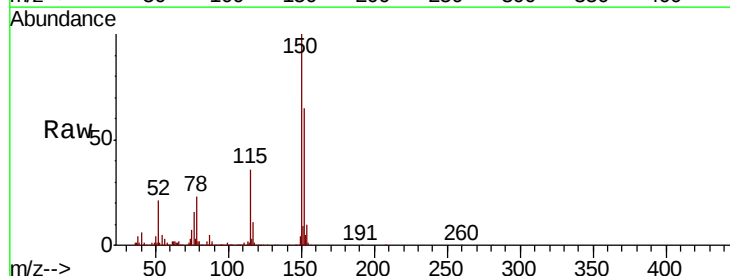


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

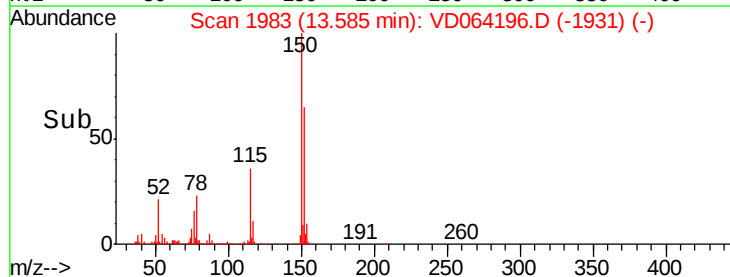
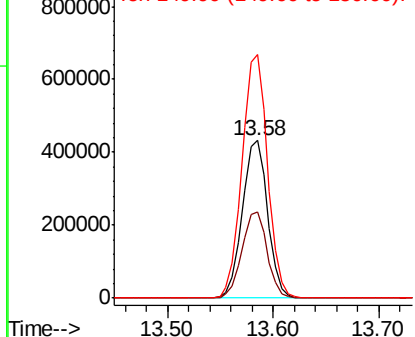


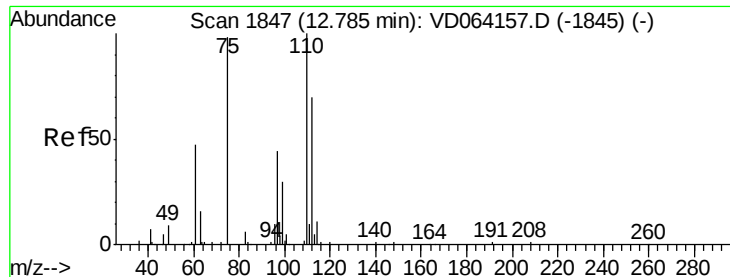
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064196.D
Acq: 12 Nov 2019 15:05

Tgt Ion:152 Resp: 715358
Ion Ratio Lower Upper
152 100
115 54.9 27.4 82.2
150 155.9 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: 57.844 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064196.D

Acq: 12 Nov 2019 15:05

Instrument :

MSVOA_D

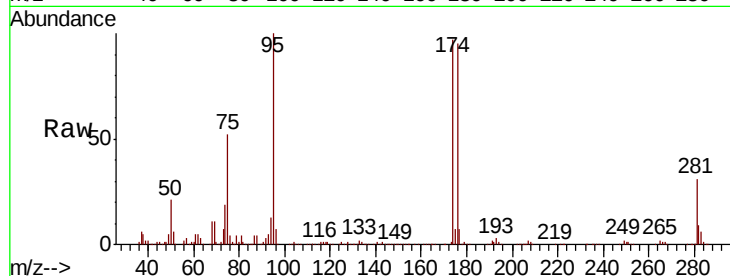
ClientSampleId :

Tot Ion: 75 Resp: 333297

Ion Ratio Lower Upper

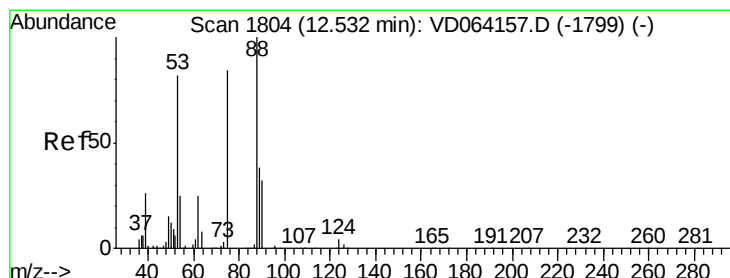
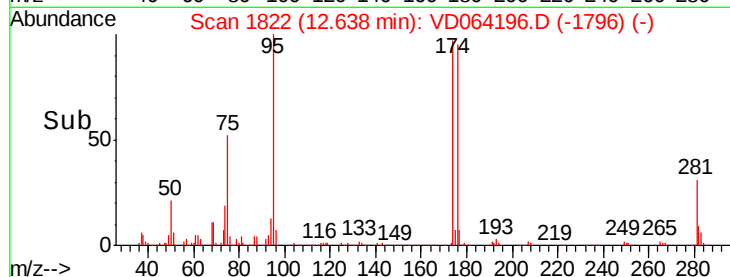
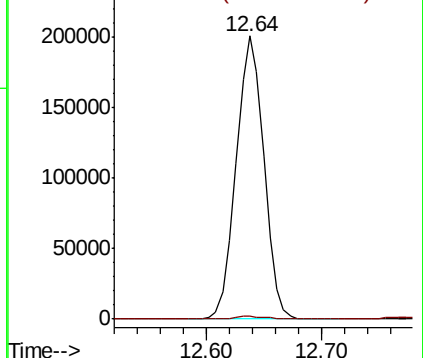
75 100

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: 114.901 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064196.D

Acq: 12 Nov 2019 15:05

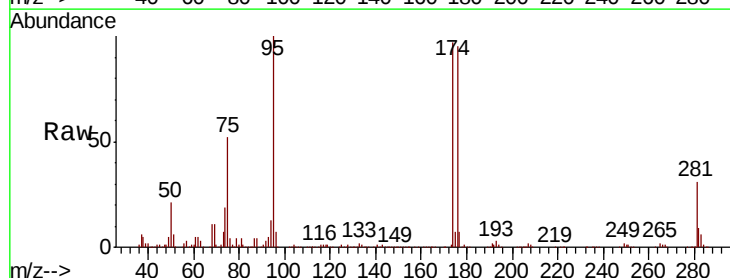
Tgt Ion: 75 Resp: 333297

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

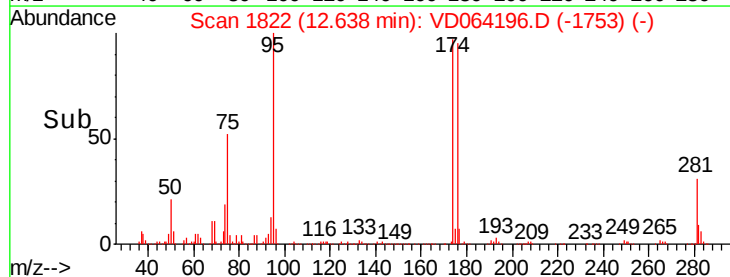
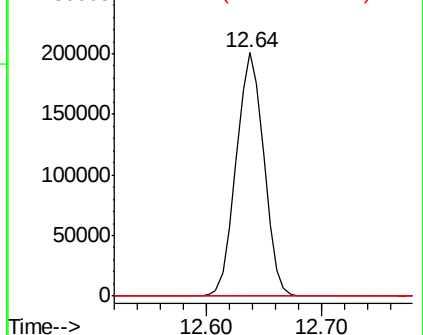
89 0.1 36.6 55.0#

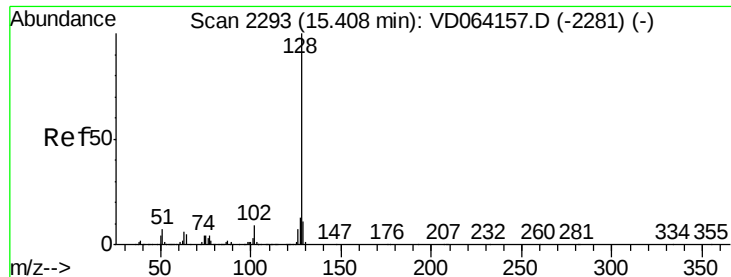


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

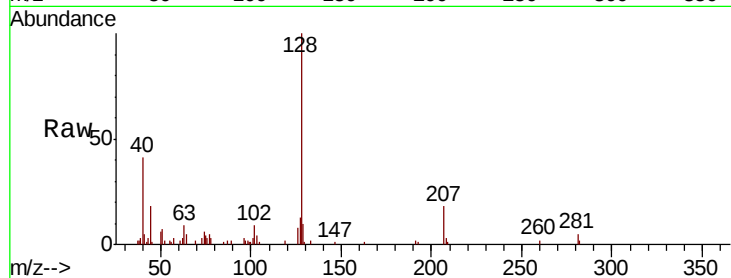




#95
 Naphthalene
 Concen: 1.159 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD064196.D
 Acq: 12 Nov 2019 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	12.2	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

