

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064383.D
 Acq On : 26 Nov 2019 14:47
 Operator : VA/SY
 Sample : K6013-01
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:51:17 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	709104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1052913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	915239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	304995	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
35) Dibromofluoromethane	7.92	113	319694	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.34	98	1233365	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
62) 4-Bromofluorobenzene	12.64	95	367259	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

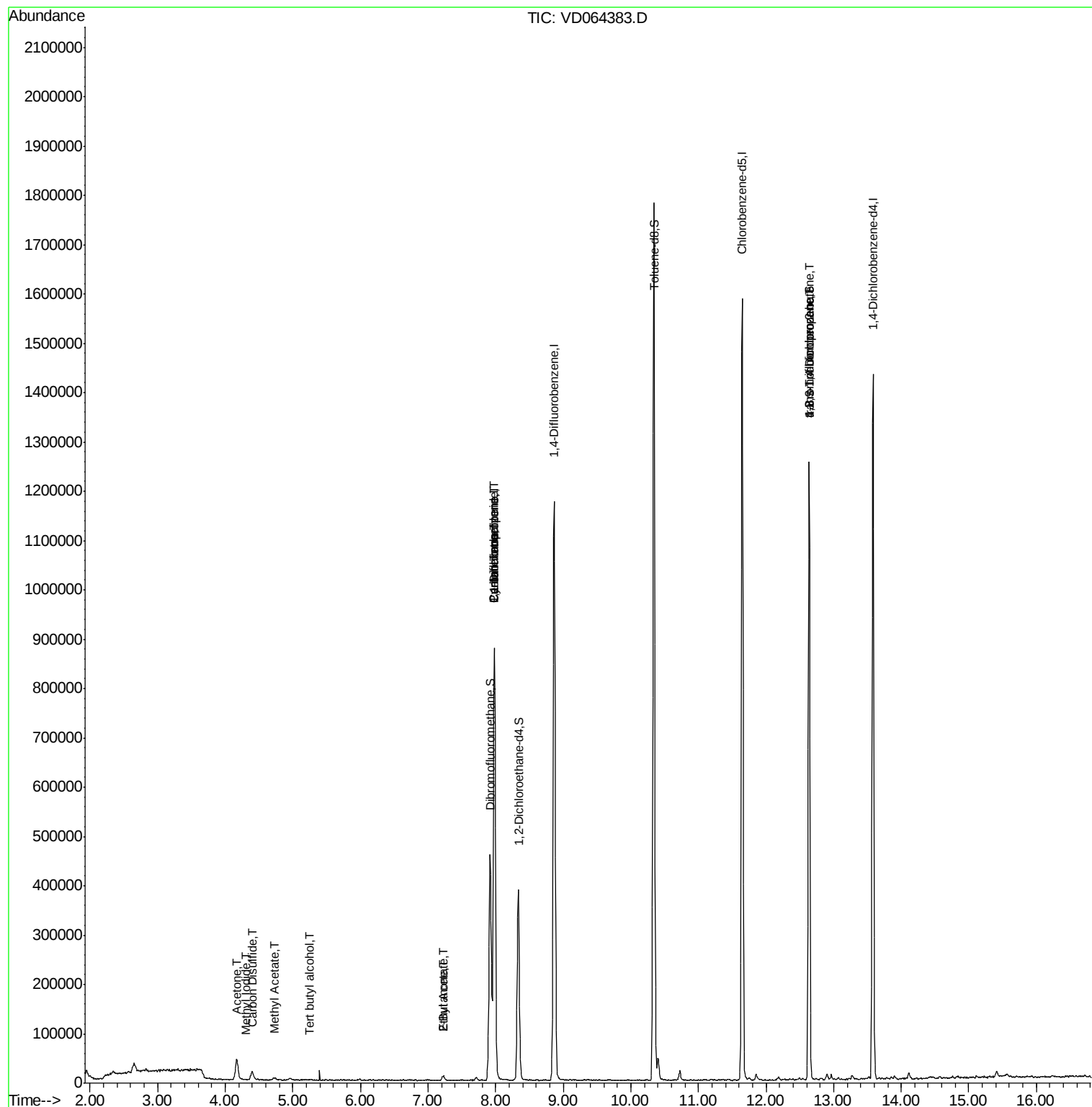
					Qvalue	
10) Methyl Iodide	4.31	142	870	2.148	ug/l #	57
11) Tert butyl alcohol	5.24	59	567	1.392	ug/l #	69
16) Acetone	4.17	43	74946	54.246	ug/l	91
17) Carbon Disulfide	4.40	76	35579	1.917	ug/l	96
18) Methyl Acetate	4.73	43	7727	2.002	ug/l	98
25) 2-Butanone	7.23	43	9792	5.486	ug/l	92
31) Cyclohexane	7.98	56	14158	1.237	ug/l #	18
36) 1,1-Dichloropropene	7.99	75	47497	4.888	ug/l #	50
37) Ethyl Acetate	7.23	43	9792	2.390	ug/l #	75
38) Carbon Tetrachloride	7.99	117	64335	6.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	199139	63.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	199139	126.239	ug/l #	10

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

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Misc : 7.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 27 05:51:17 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

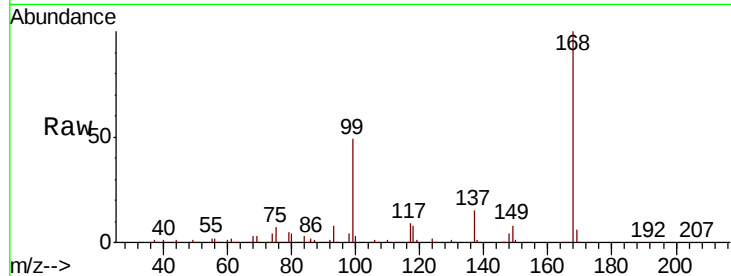
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 709104

Ion Ratio Lower Upper

168 100

99 48.6 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

300000

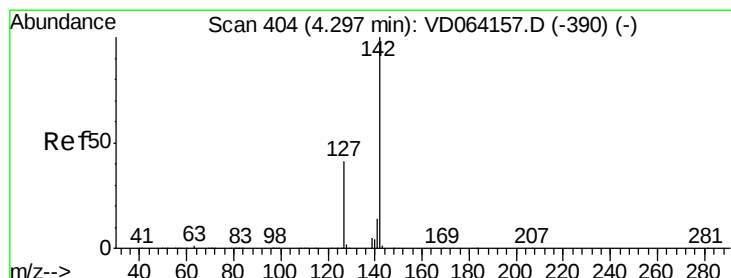
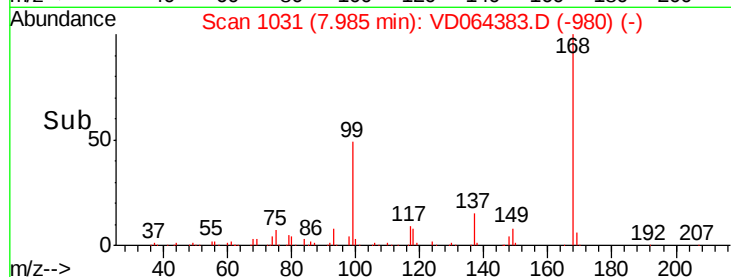
200000

100000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 2.148 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

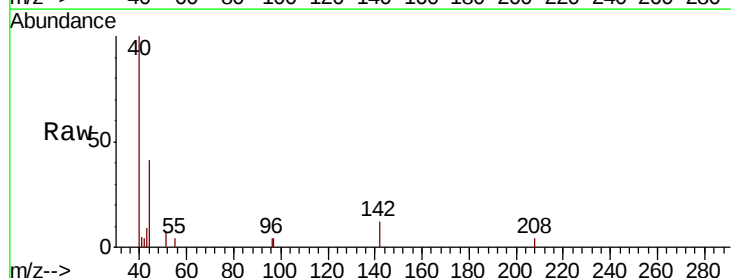
Tgt Ion:142 Resp: 870

Ion Ratio Lower Upper

142 100

127 13.7 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

600

500

400

300

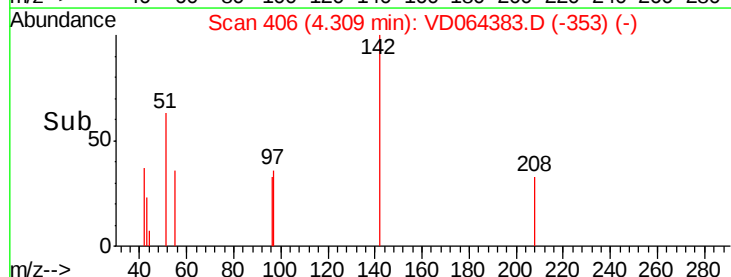
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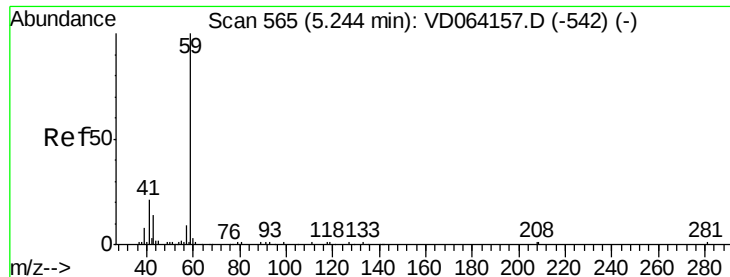
100

0

Time-->

4.25 4.30 4.35

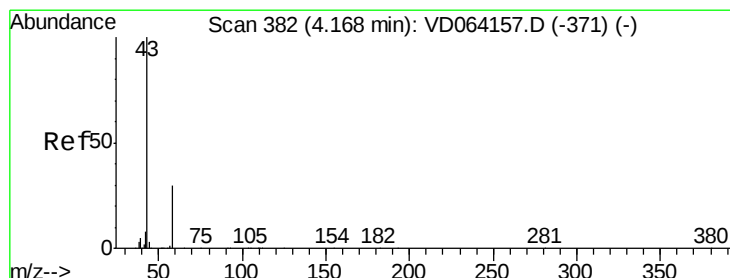
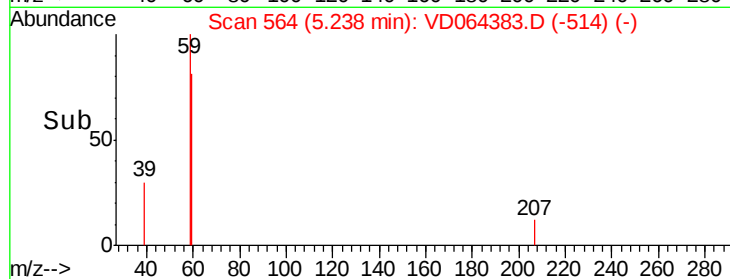
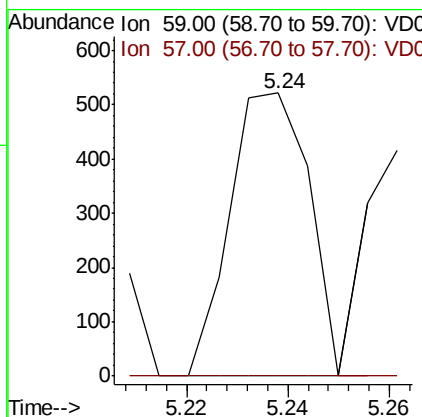
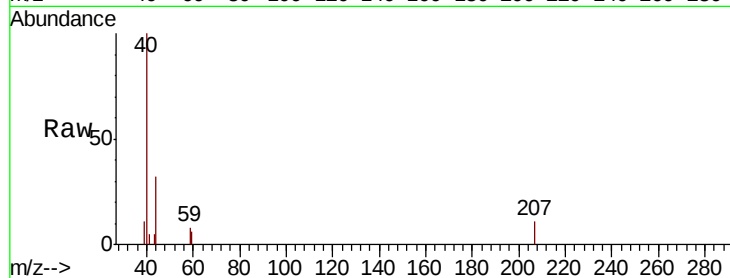




#11
Tert butyl alcohol
Concen: 1.392 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

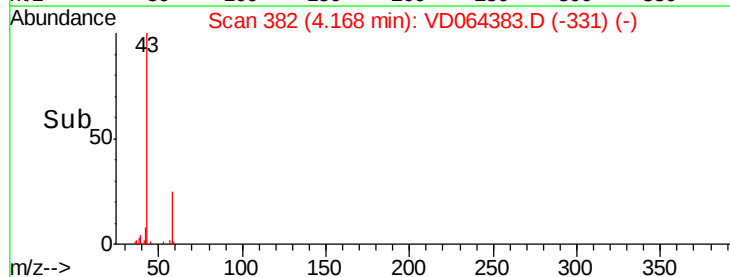
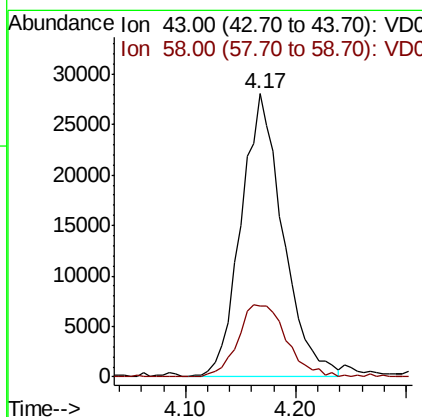
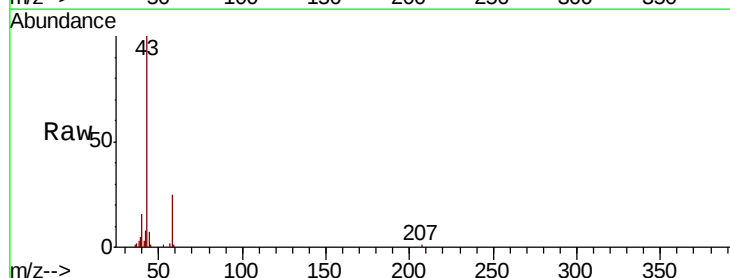
Instrument :
MSVOA_D
ClientSampleId :

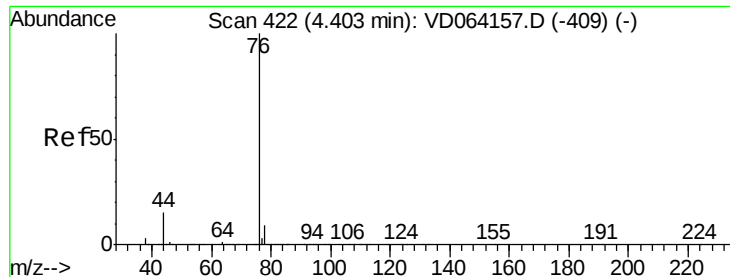
Tot Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.2#



#16
Acetone
Concen: 54.246 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 43 Resp: 74946
Ion Ratio Lower Upper
43 100
58 25.2 24.1 36.1

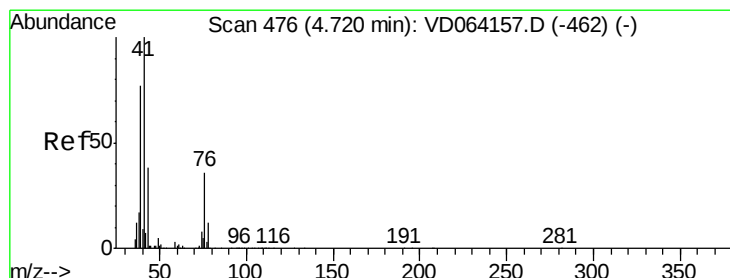
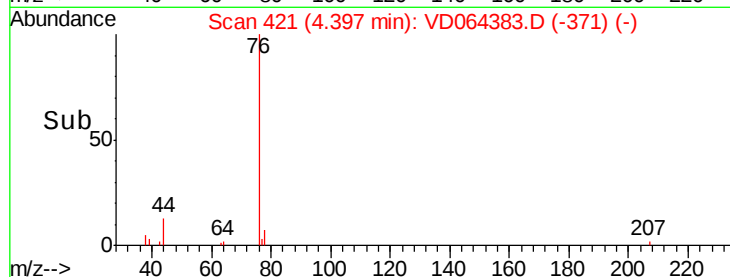
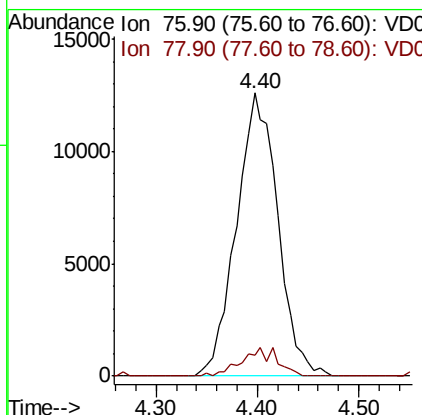
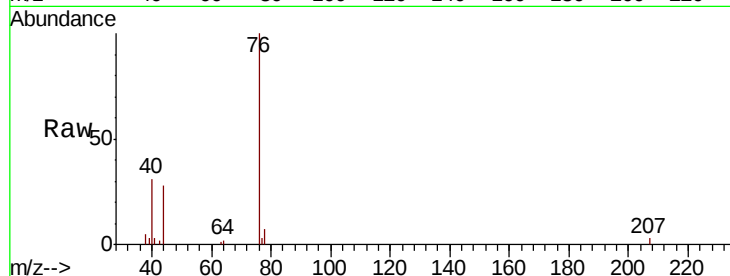




#17
Carbon Disulfide
Concen: 1.917 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

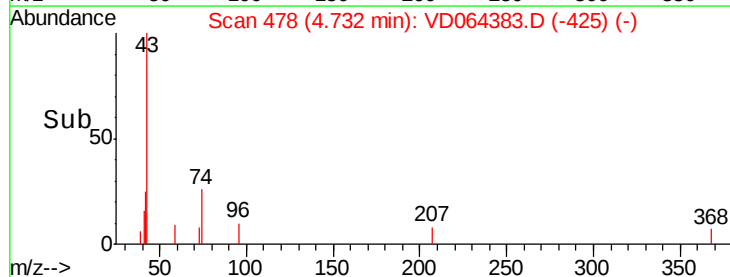
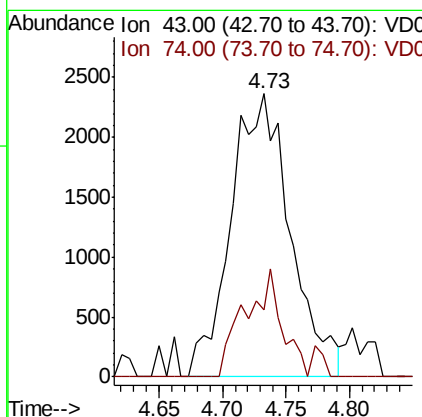
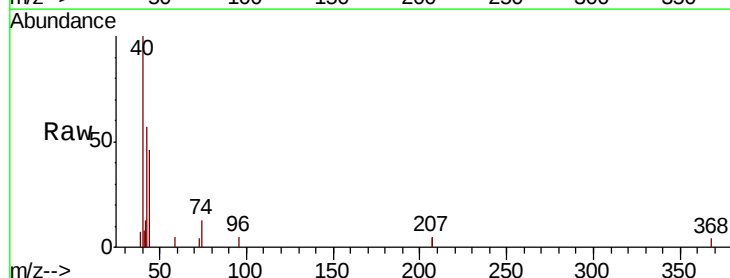
Instrument :
MSVOA_D
ClientSampleID :

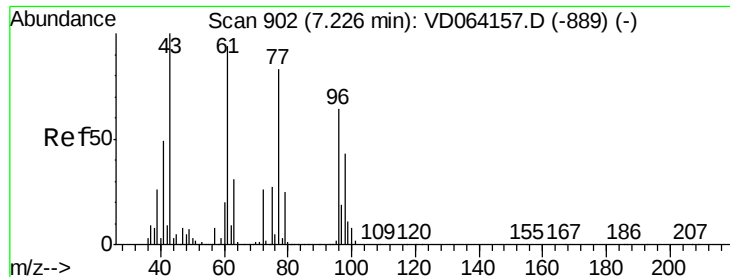
Tot Ion: 76 Resp: 35579
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8



#18
Methyl Acetate
Concen: 2.002 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 43 Resp: 7727
Ion Ratio Lower Upper
43 100
74 23.8 18.4 27.6

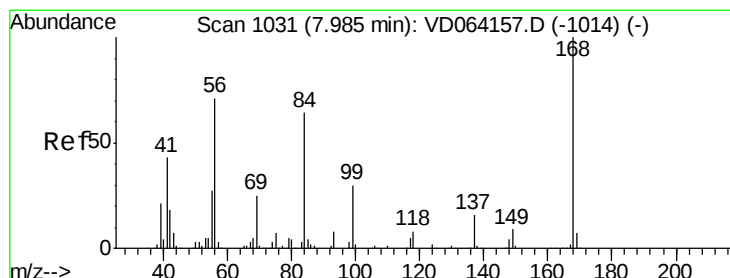
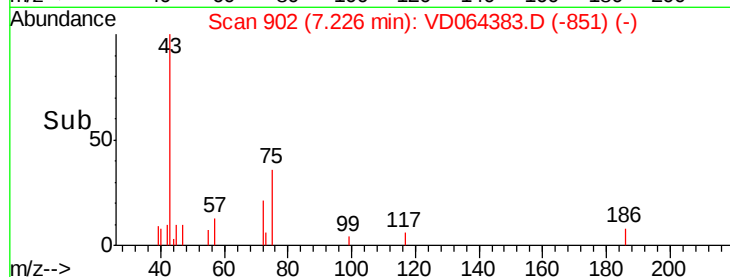
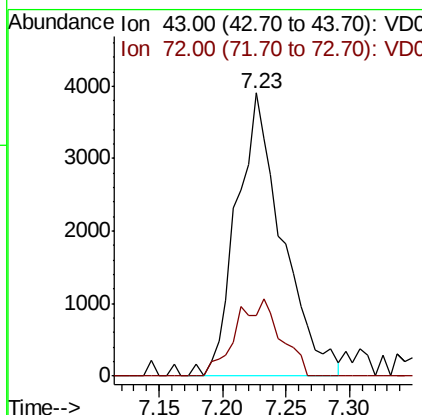
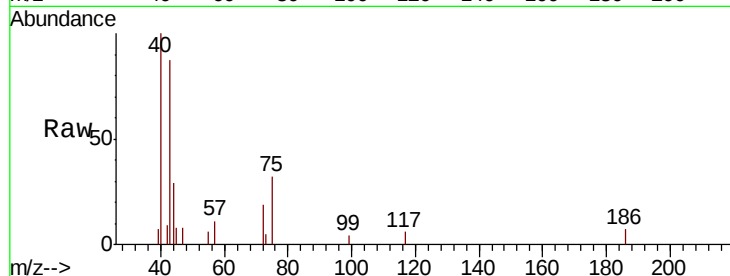




#25
2-Butanone
Concen: 5.486 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

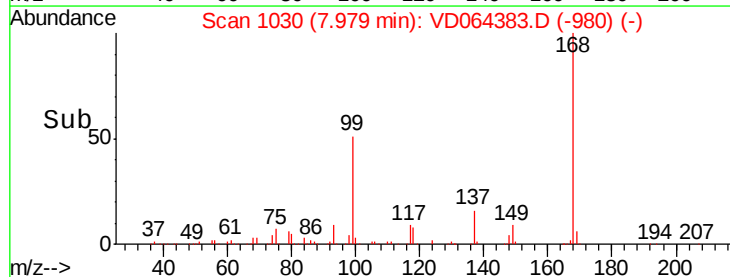
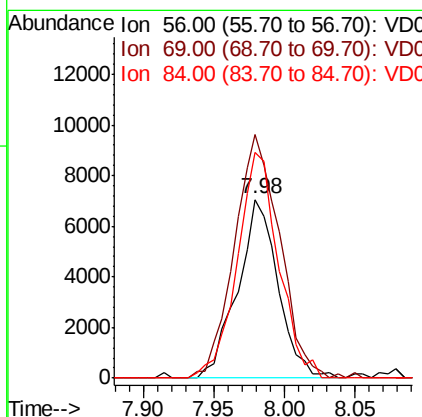
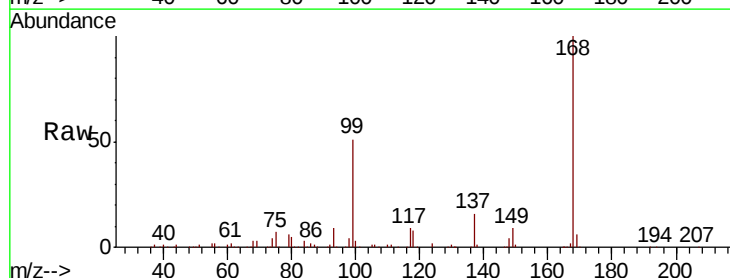
Instrument :
MSVOA_D
ClientSampleId :

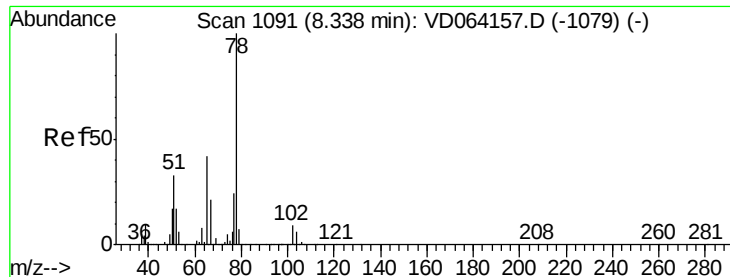
Tot Ion: 43 Resp: 9792
Ion Ratio Lower Upper
43 100
72 21.4 20.6 30.8



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 56 Resp: 14158
Ion Ratio Lower Upper
56 100
69 136.3 28.2 42.4#
84 133.3 71.8 107.6#

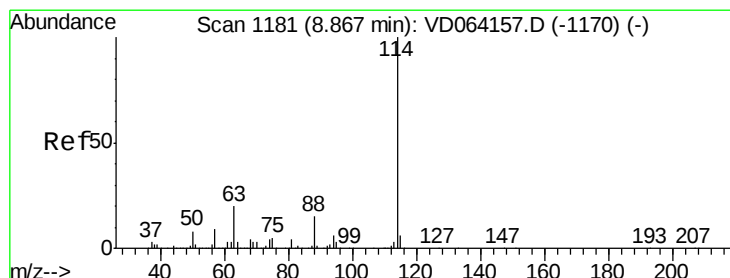
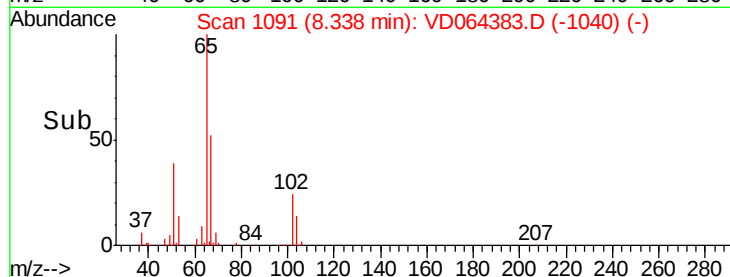
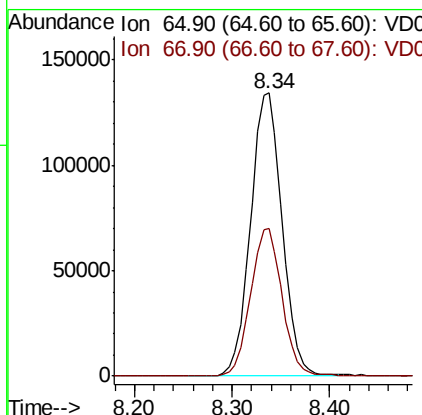
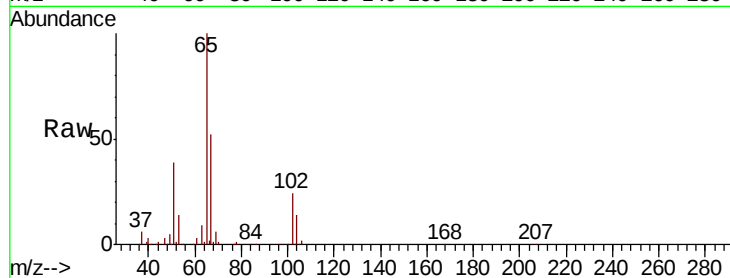




#33
 1,2-Dichloroethane-d4
 Concen: 52.297 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064383.D
 Acq: 26 Nov 2019 14:47

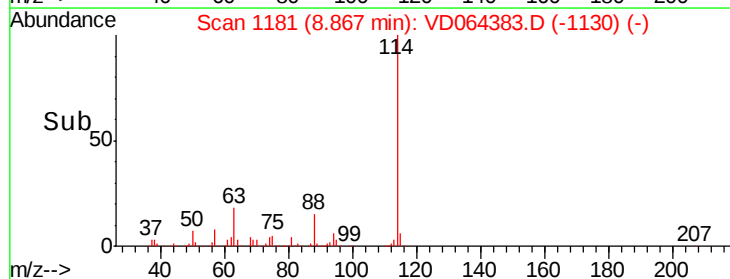
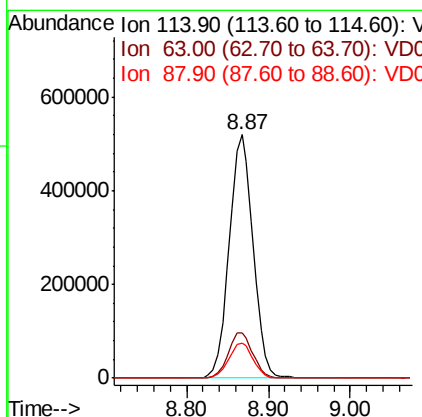
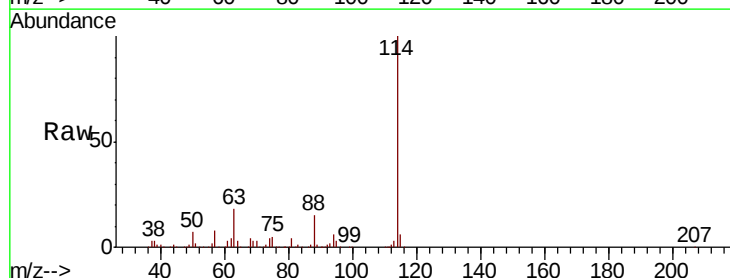
Instrument :
 MSVOA_D
 ClientSampleId :

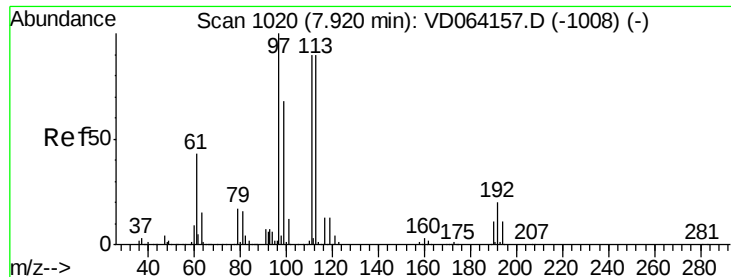
Tot Ion: 65 Resp: 304995
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064383.D
 Acq: 26 Nov 2019 14:47

Tgt Ion: 114 Resp: 1052913
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.0
 88 14.6 0.0 30.2

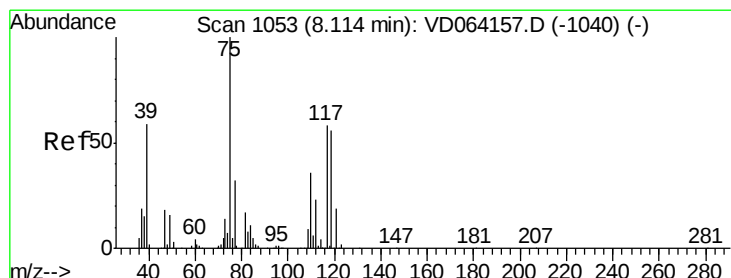
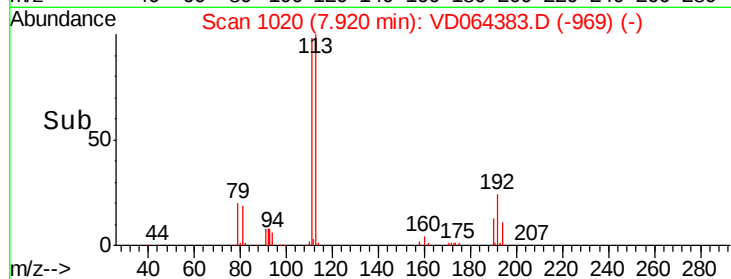
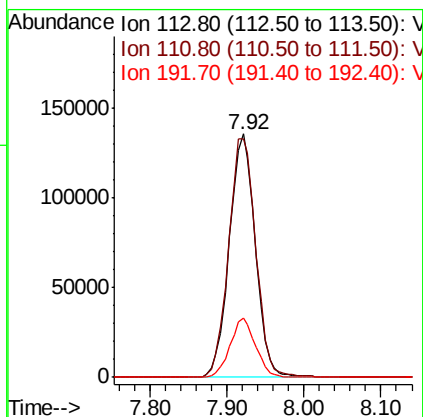
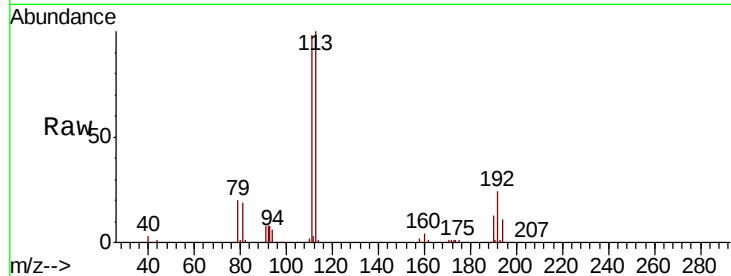




#35
 Dibromofluoromethane
 Concen: 52.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064383.D
 Acq: 26 Nov 2019 14:47

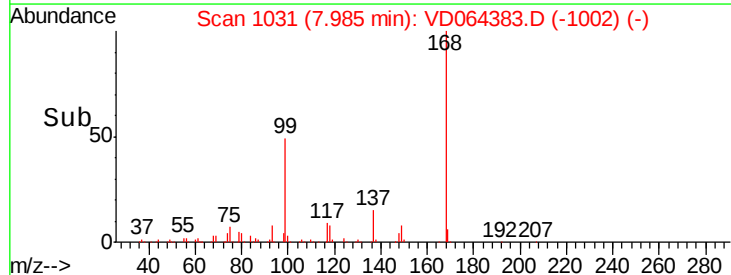
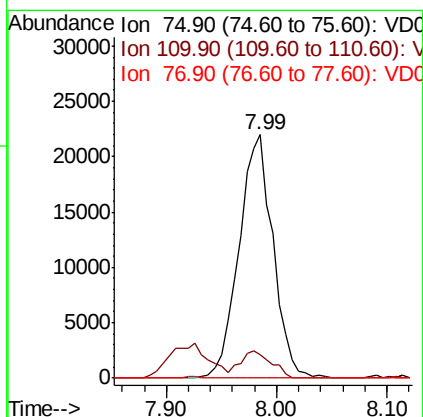
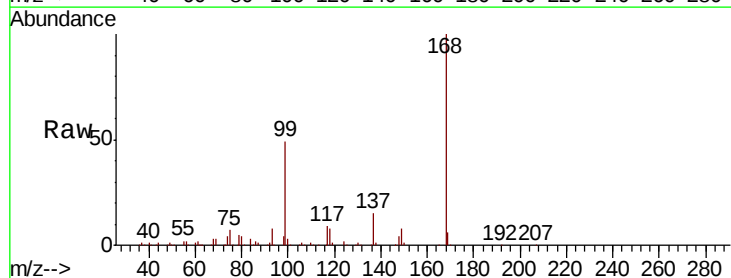
Instrument :
 MSVOA_D
 ClientSampleId :

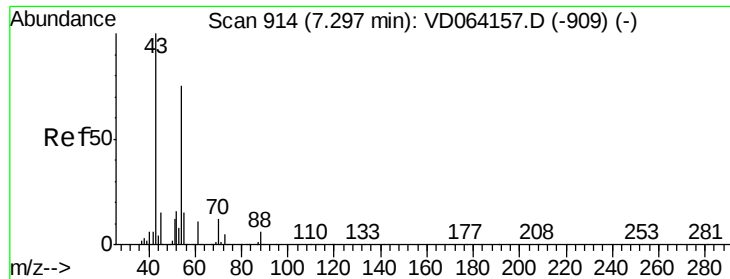
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064383.D
 Acq: 26 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.3	54.9#
77	0.0	25.0	37.6#

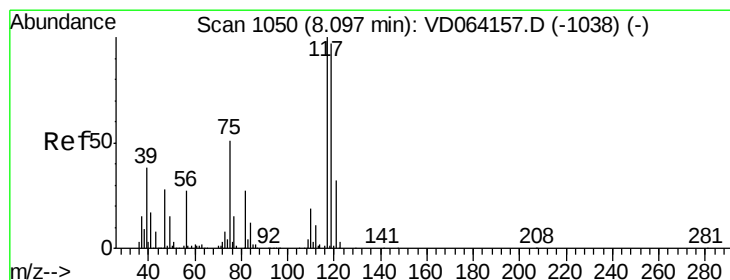
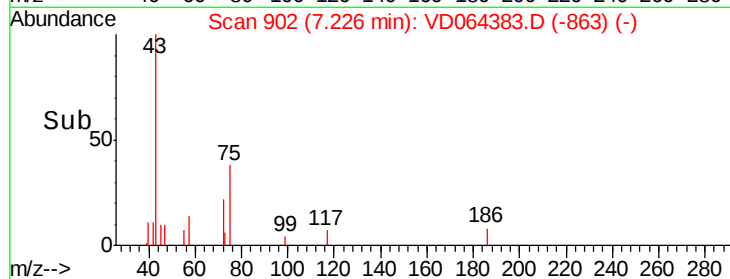
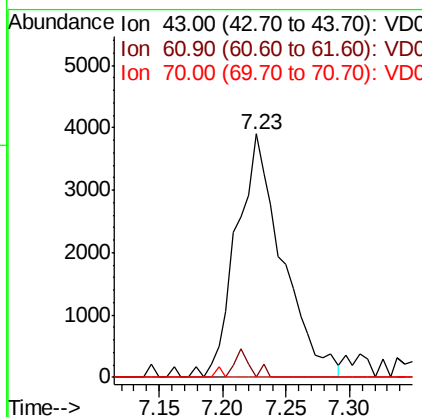
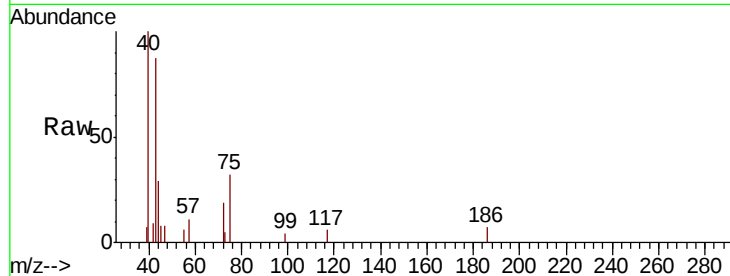




#37
Ethyl Acetate
Concen: 2.390 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.07 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

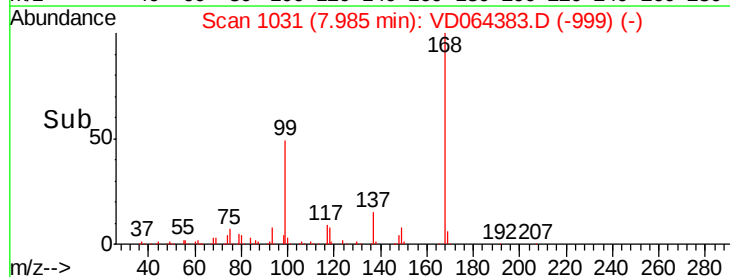
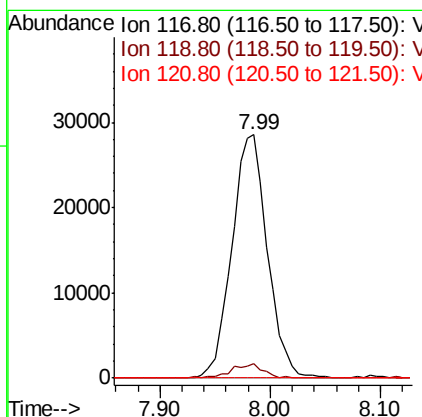
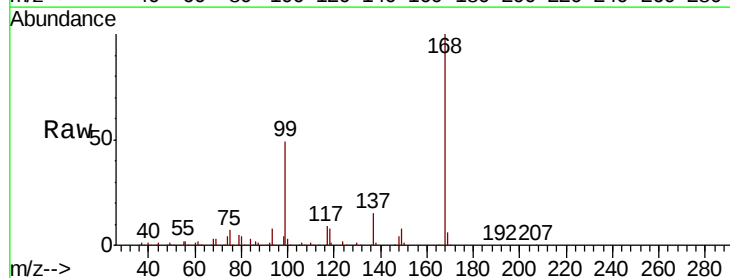
Instrument :
MSVOA_D
ClientSampled :

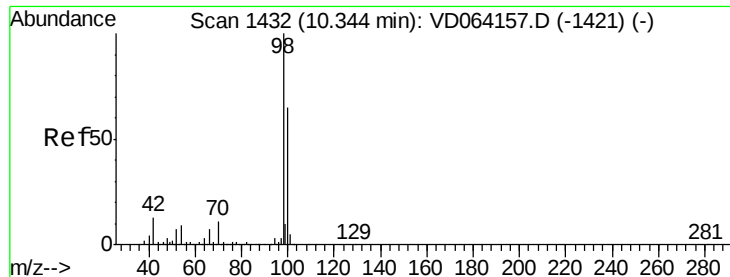
Tot Ion: 43 Resp: 9792
Ion Ratio Lower Upper
43 100
61 3.8 10.2 15.2#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 117 Resp: 64335
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.5 38.3#

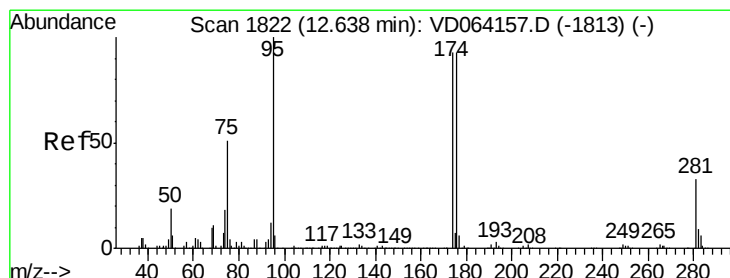
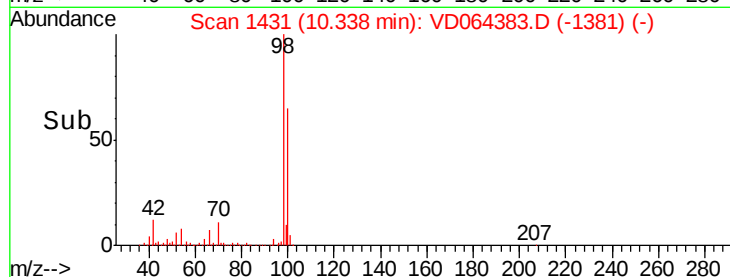
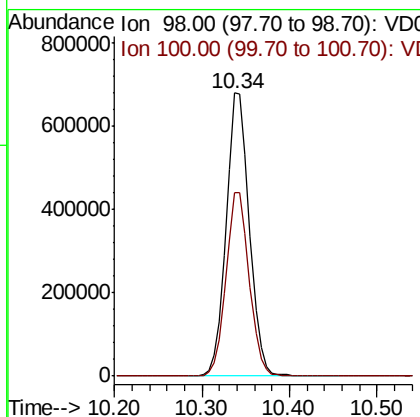
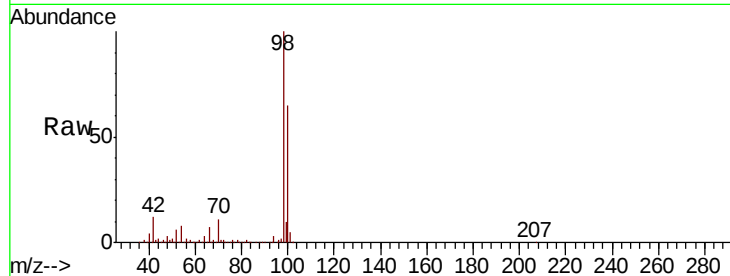




#50
Toluene-d8
Concen: 54.095 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

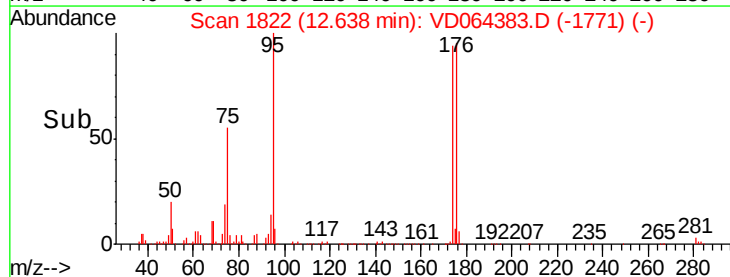
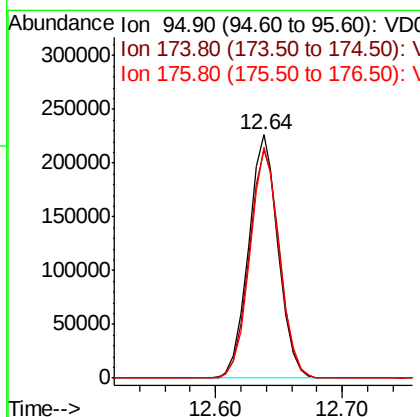
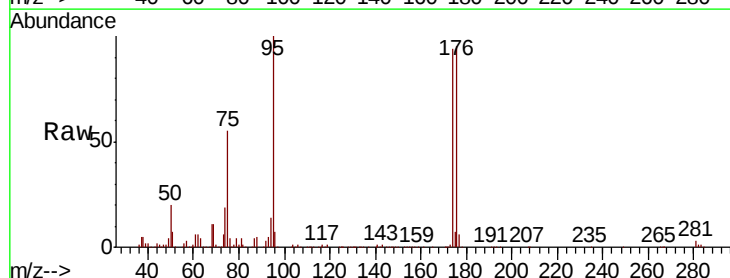
Instrument :
MSVOA_D
ClientSampleId :

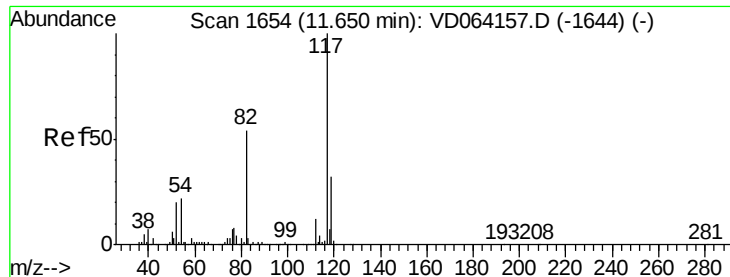
Tot Ion: 98 Resp: 1233365
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.513 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 95 Resp: 367259
Ion Ratio Lower Upper
95 100
174 96.3 0.0 183.6
176 94.2 0.0 180.2

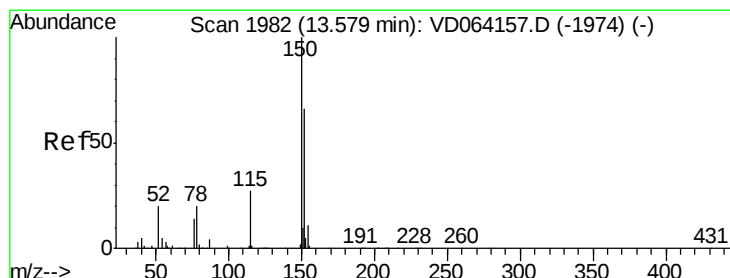
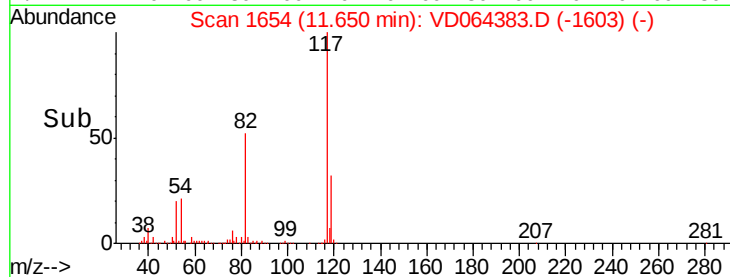
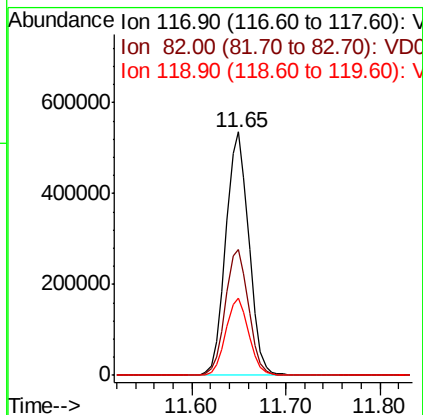
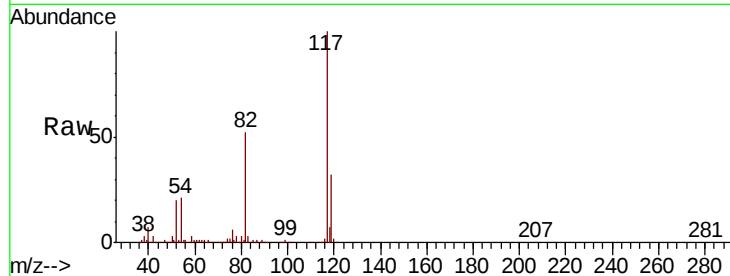




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

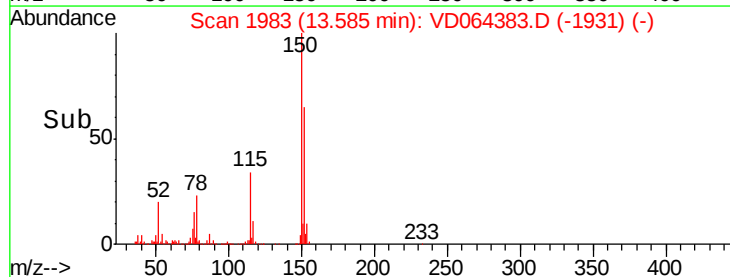
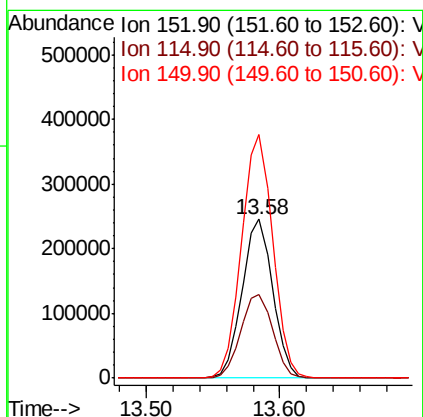
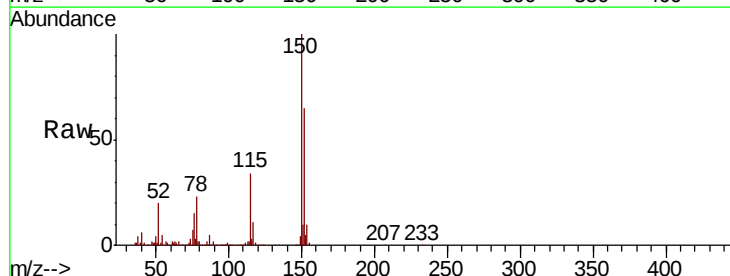
Instrument :
MSVOA_D
ClientSampleId :

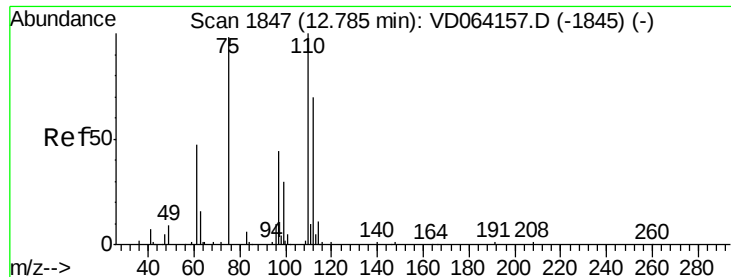
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.8	64.2
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.4	82.2
150	156.6	0.0	351.6





#76

1,2,3-Trichloropropane

Concen: 63.552 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

Instrument :

MSVOA_D

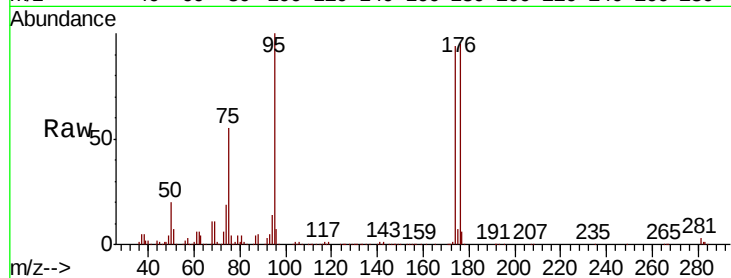
ClientSampleId :

Tot Ion: 75 Resp: 199139

Ion Ratio Lower Upper

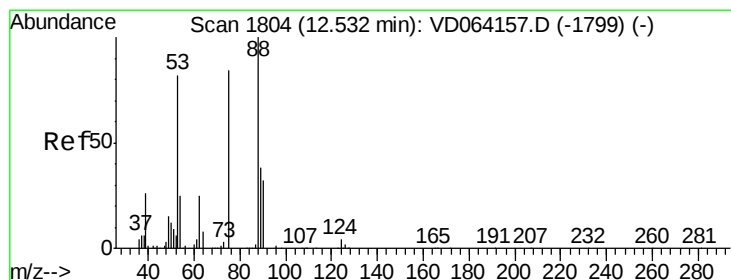
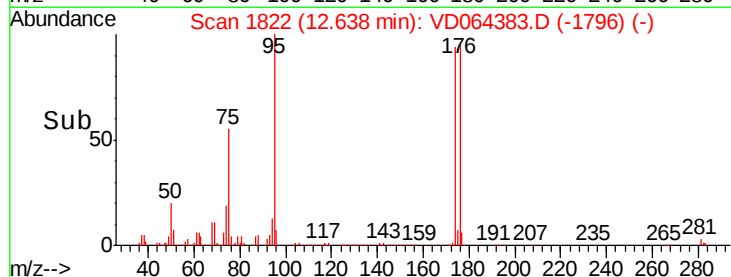
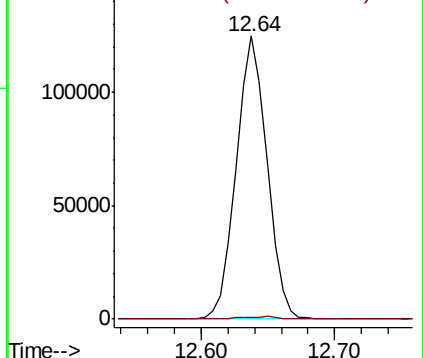
75 100

77 0.6 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: 126.239 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

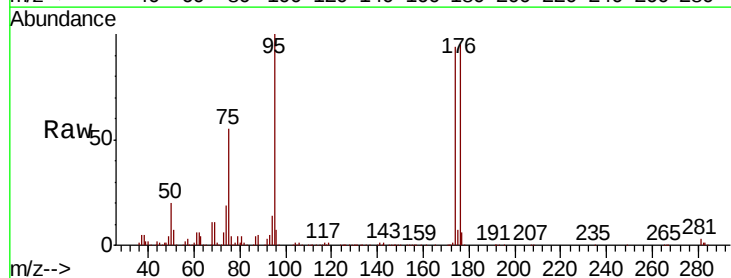
Tgt Ion: 75 Resp: 199139

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

