

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013388.D
 Acq On : 02 Oct 2019 19:30
 Operator : SY/VA
 Sample : K5127-02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMPOSITE-2

Quant Time: Oct 03 07:04:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	184618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	134282	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
35) Dibromofluoromethane	7.88	113	133953	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.32	98	554195	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.62	95	183724	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

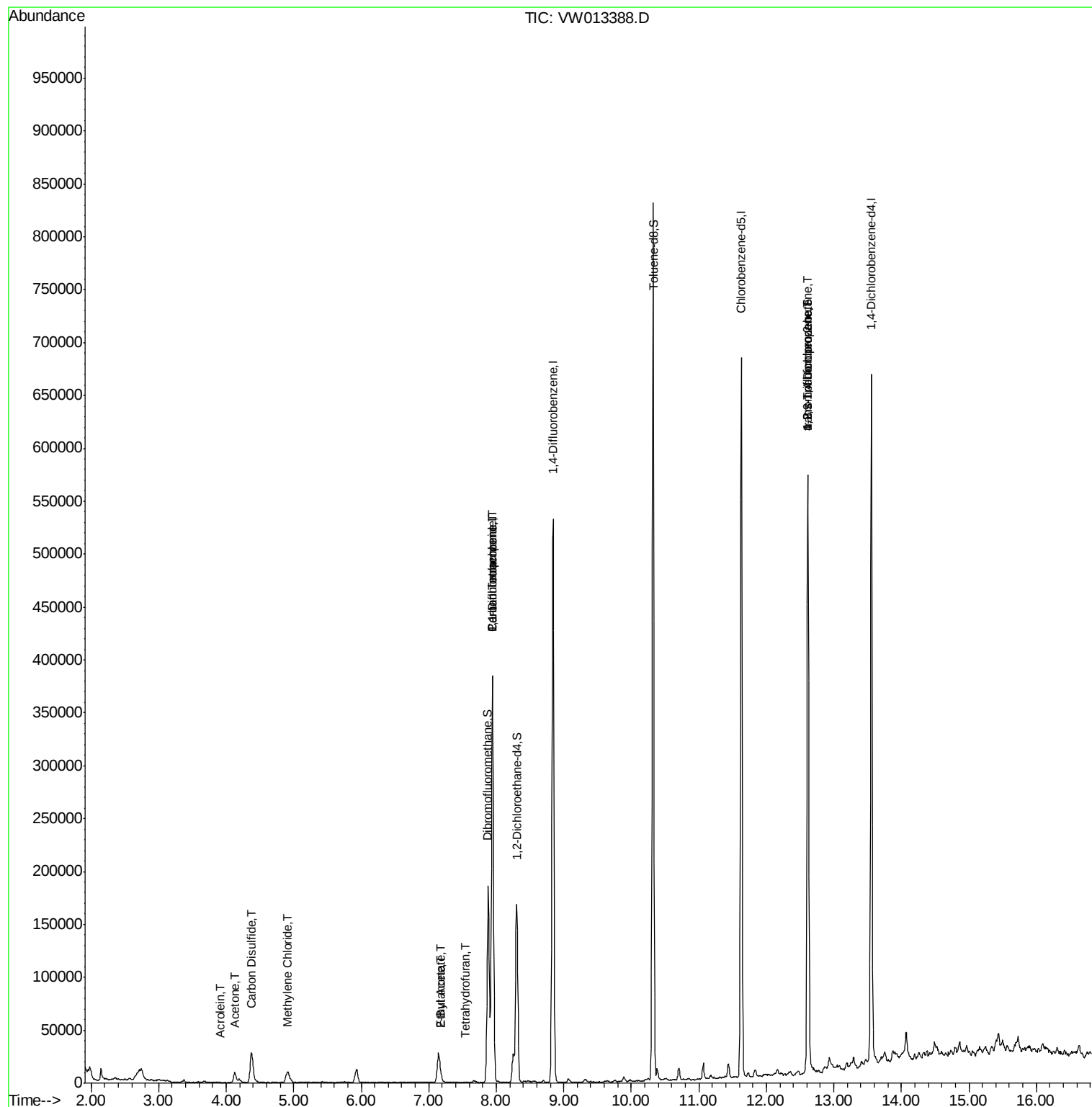
						Qvalue
11) Tert butyl alcohol	5.17	59	650	Below Cal	#	73
13) Acrolein	3.91	56	447	12.328	ug/l	98
16) Acetone	4.12	43	17836	24.061	ug/l	96
17) Carbon Disulfide	4.38	76	67661	8.135	ug/l	99
20) Methylene Chloride	4.90	84	8530	1.002	ug/l	89
25) 2-Butanone	7.18	43	7400	7.802	ug/l	91
26) 2,2-Dichloropropane	7.14	77	1850	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	29	9.744	ug/l	# 34
36) 1,1-Dichloropropene	7.94	75	19955	4.468	ug/l	# 48
37) Ethyl Acetate	7.18	43	7400	3.893	ug/l	# 71
38) Carbon Tetrachloride	7.94	117	27079	6.999	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	82597	50.339	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	82597	102.253	ug/l	# 12

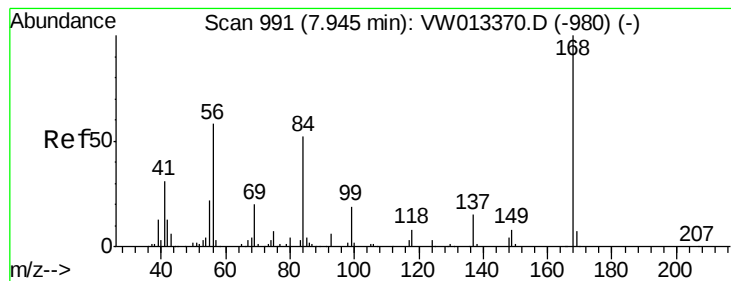
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

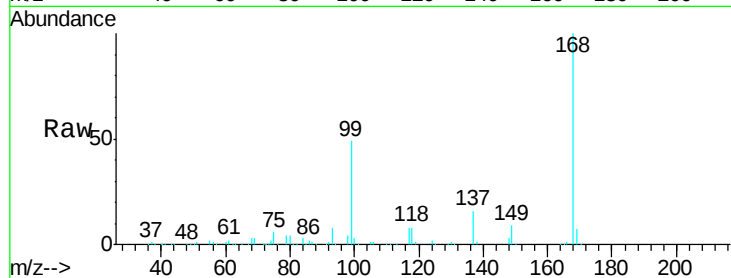
20190762-SS-COMPOSITE-2

Tgt Ion: 168 Resp: 323883

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

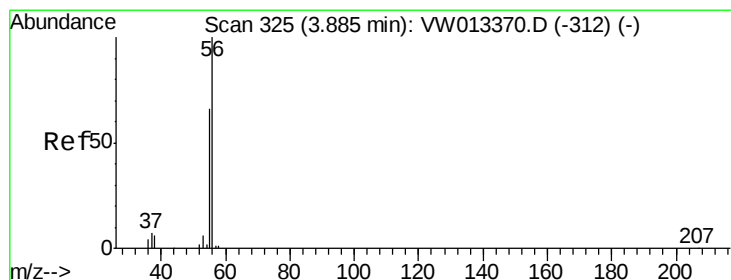
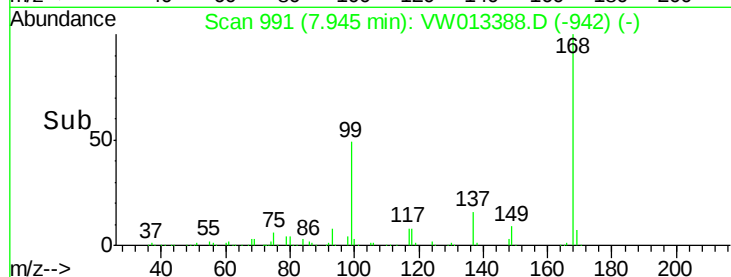
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 12.328 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW013388.D

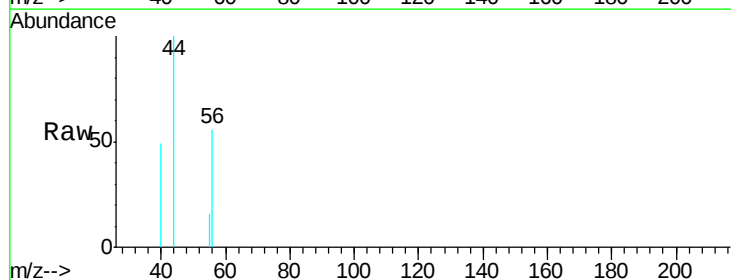
Acq: 02 Oct 2019 19:30

Tgt Ion: 56 Resp: 447

Ion Ratio Lower Upper

56 100

55 67.3 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.91

250

200

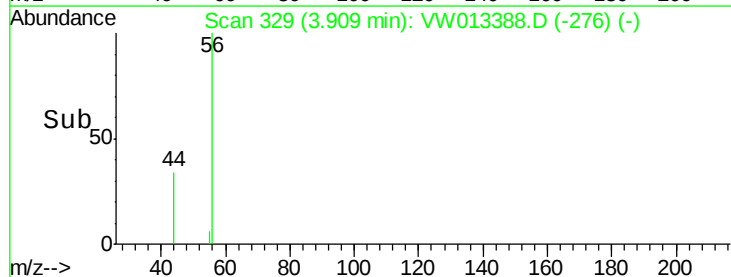
150

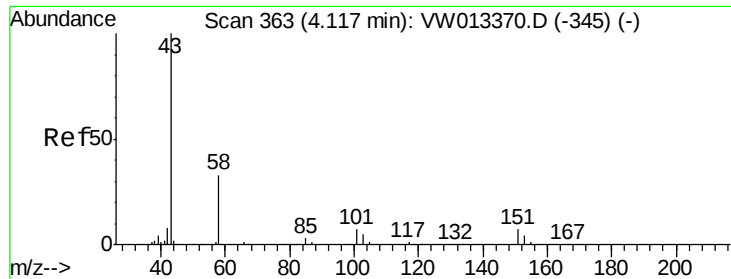
100

50

0

Time-->

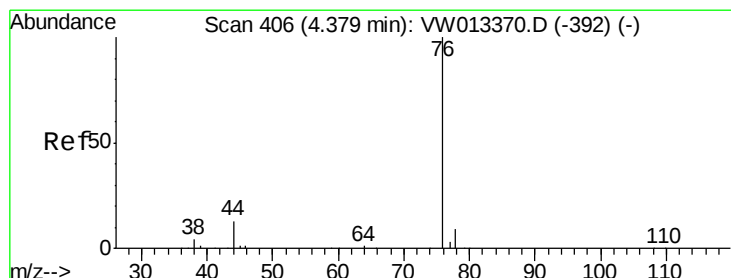
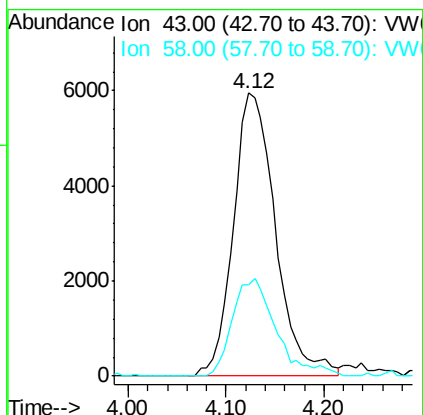
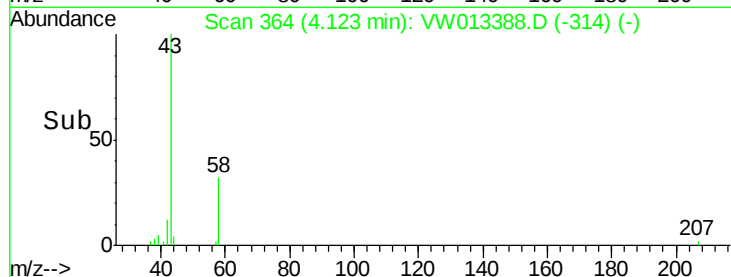
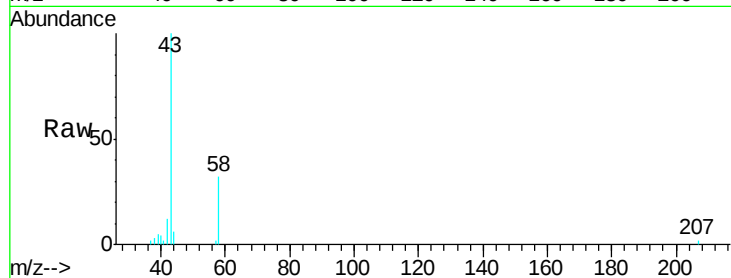




#16
Acetone
Concen: 24.061 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

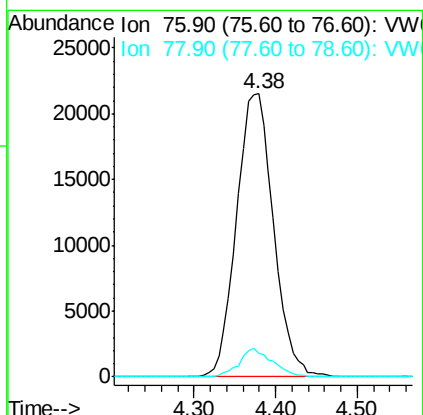
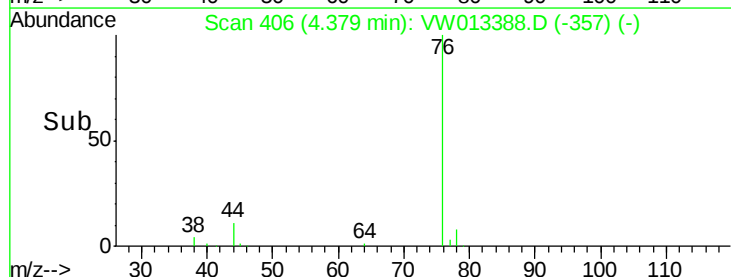
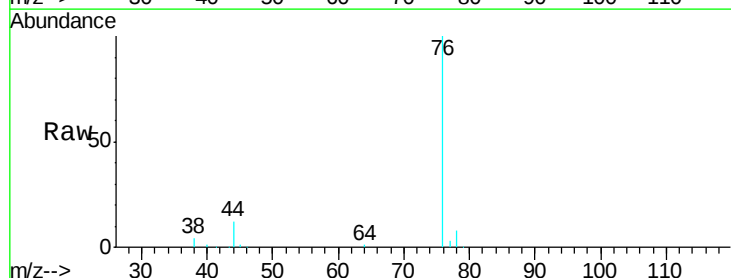
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMPOSITE-2

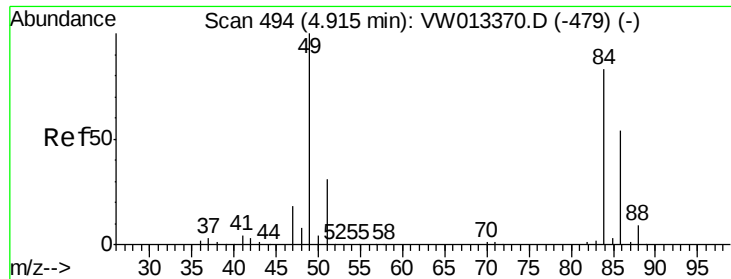
Tgt Ion: 43 Resp: 17836
Ion Ratio Lower Upper
43 100
58 32.4 24.1 36.1



#17
Carbon Disulfide
Concen: 8.135 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

Tgt Ion: 76 Resp: 67661
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

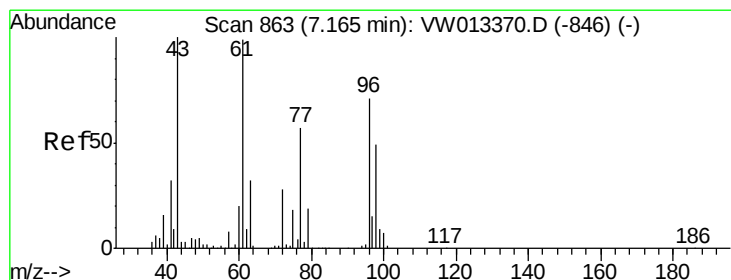
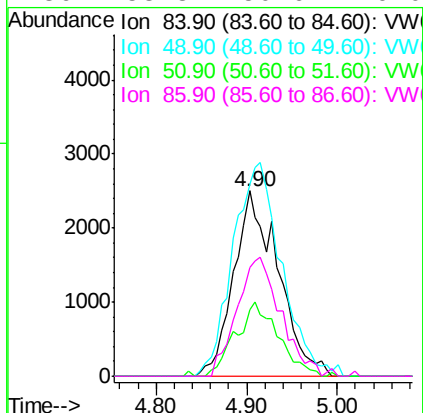
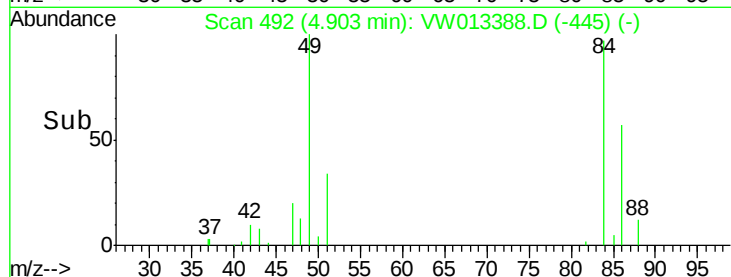
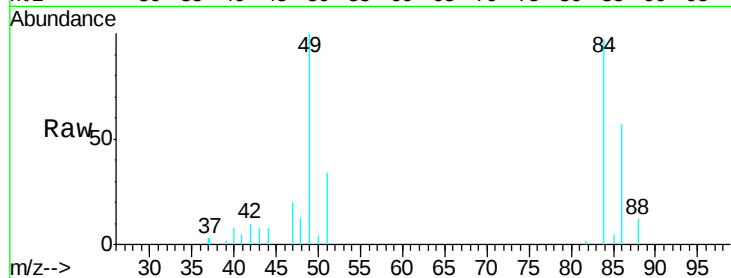




#20
Methylene Chloride
Concen: 1.002 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

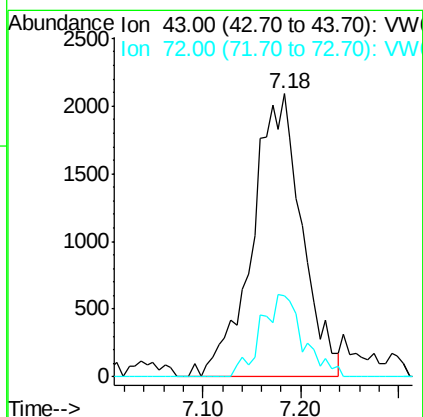
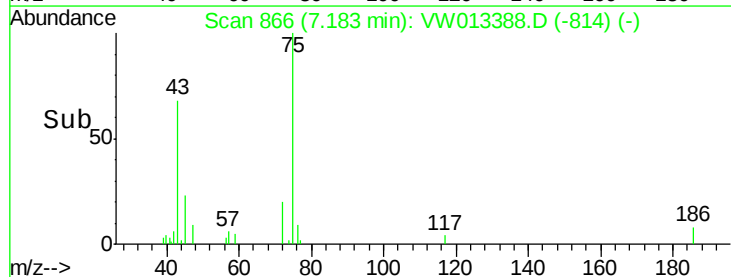
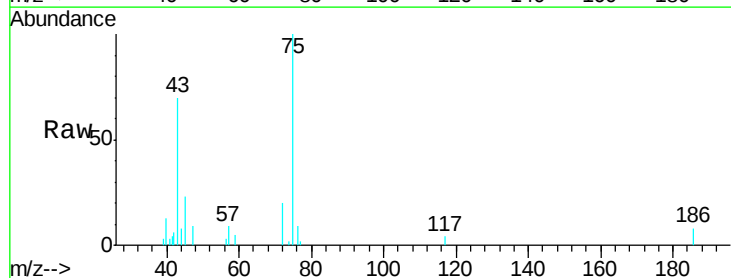
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMPOSITE-2

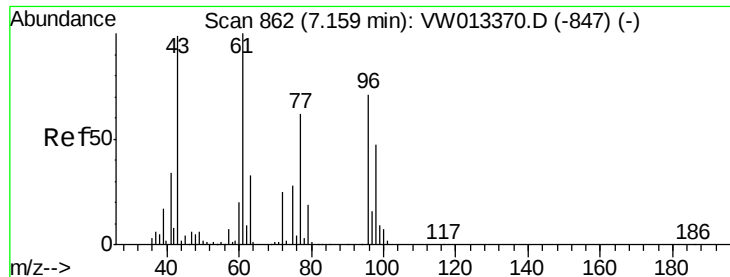
Tgt Ion: 84 Resp: 8530
Ion Ratio Lower Upper
84 100
49 103.3 97.6 146.4
51 35.6 30.2 45.2
86 58.8 50.6 76.0



#25
2-Butanone
Concen: 7.802 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

Tgt Ion: 43 Resp: 7400
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.0

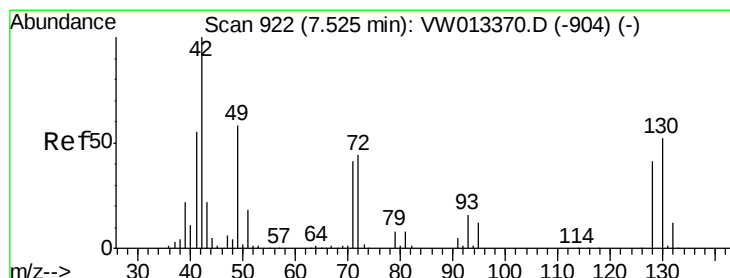
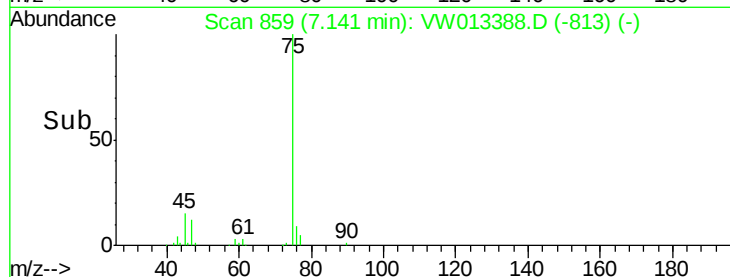
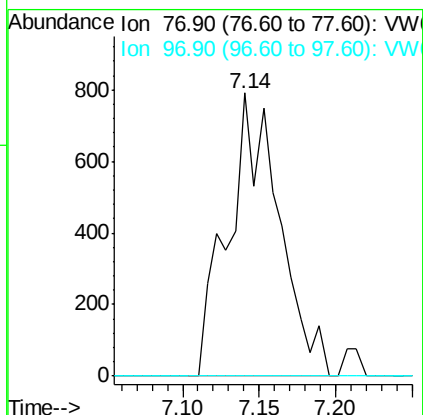
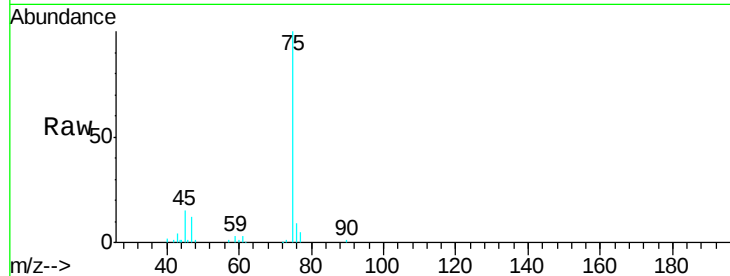




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW013388.D
 Acq: 02 Oct 2019 19:30

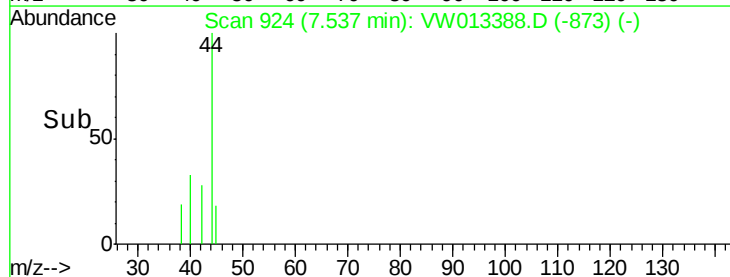
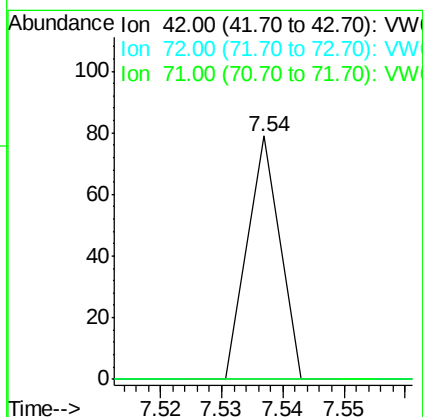
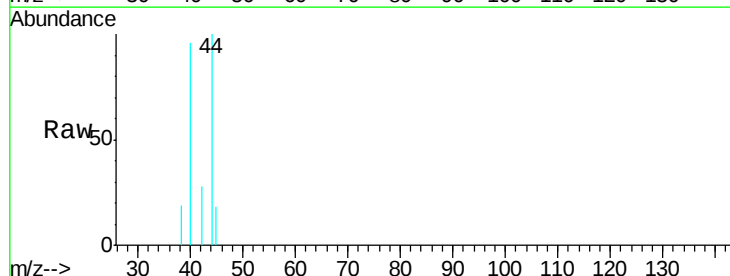
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMPOSITE-2

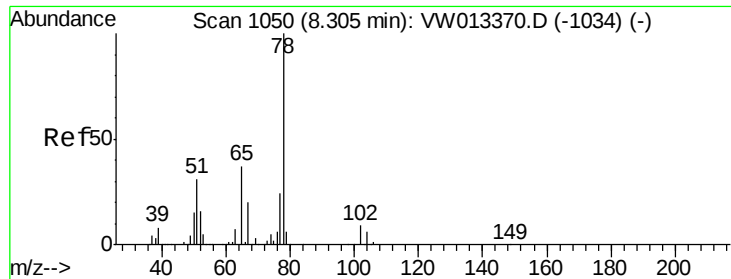
Tgt Ion: 77 Resp: 1850
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.744 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW013388.D
 Acq: 02 Oct 2019 19:30

Tgt Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.9 50.9#
 71 0.0 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 55.526 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

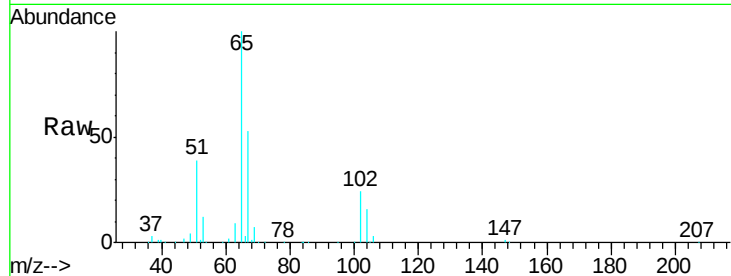
20190762-SS-COMPOSITE-2

Tgt Ion: 65 Resp: 134282

Ion Ratio Lower Upper

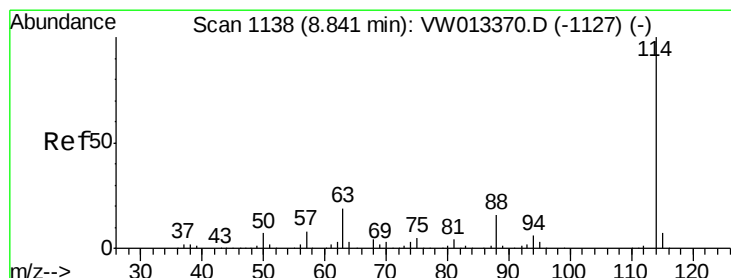
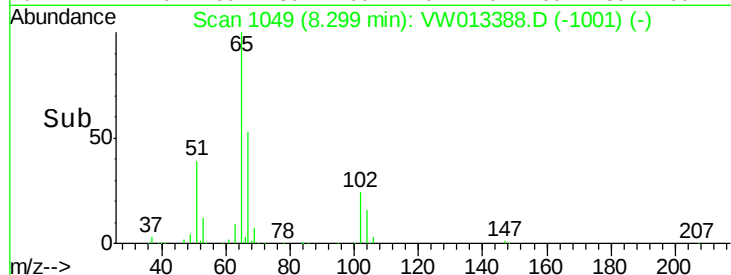
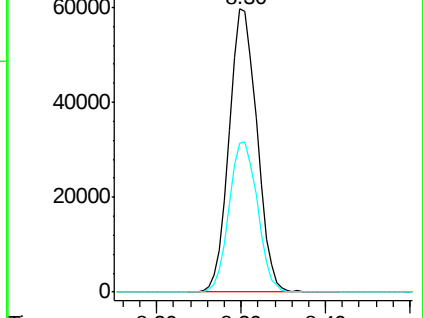
65 100

67 53.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

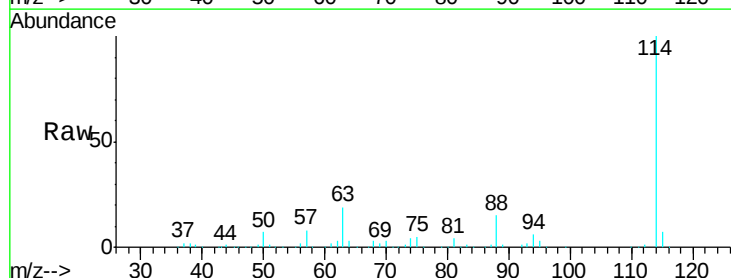
Tgt Ion: 114 Resp: 480851

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

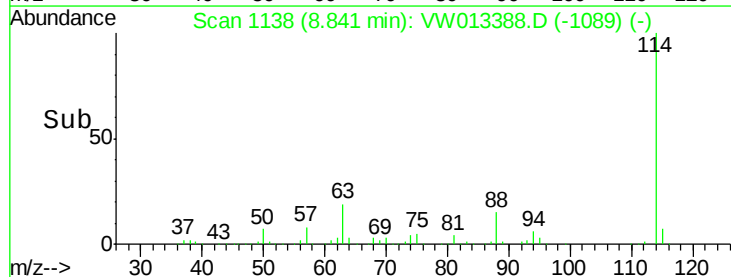
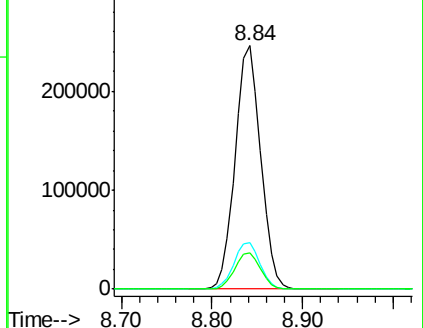
88 14.8 0.0 32.0

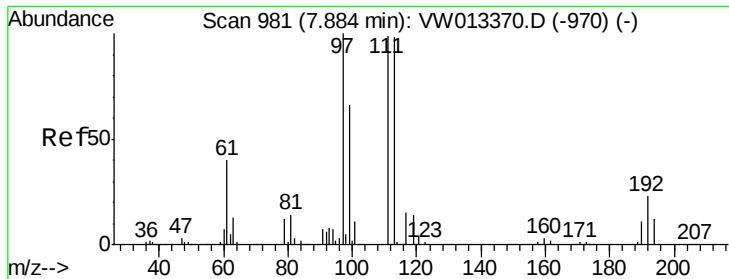


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.090 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMPOSITE-2

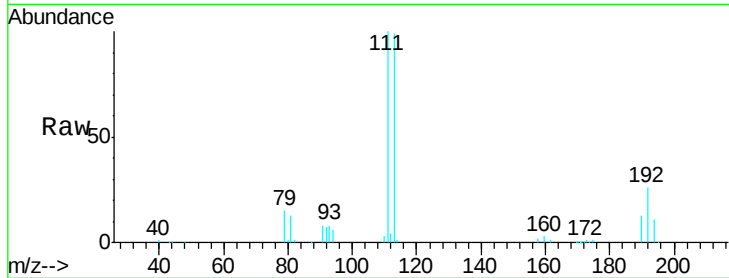
Tgt Ion: 113 Resp: 133953

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

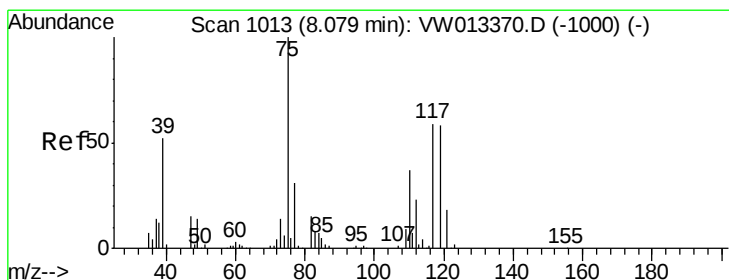
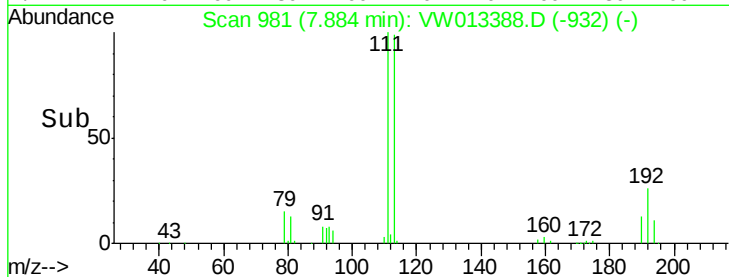
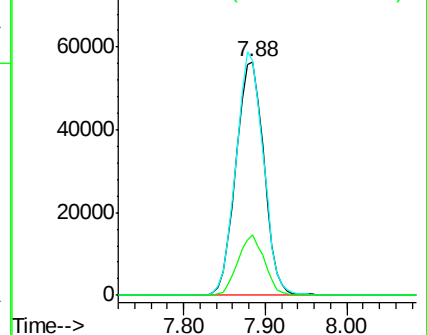
192 24.5 19.1 28.7



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: 4.468 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

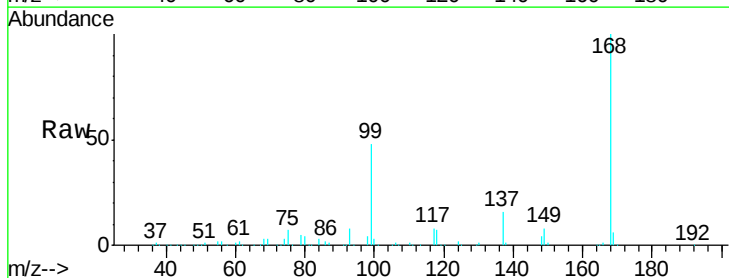
Tgt Ion: 75 Resp: 19955

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

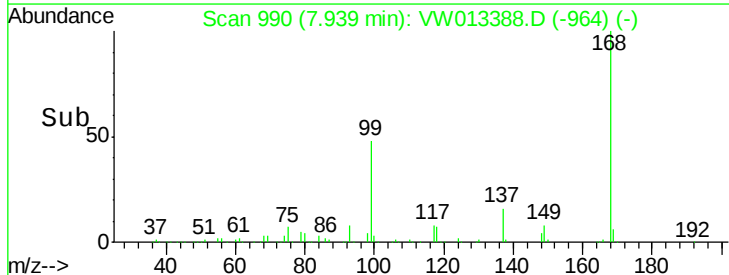
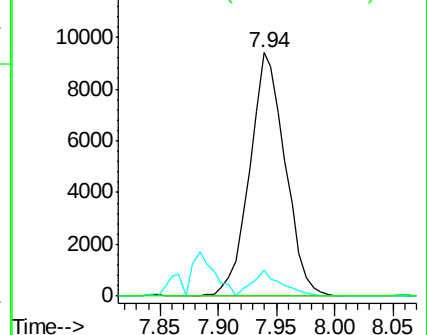
77 0.0 25.8 38.6#

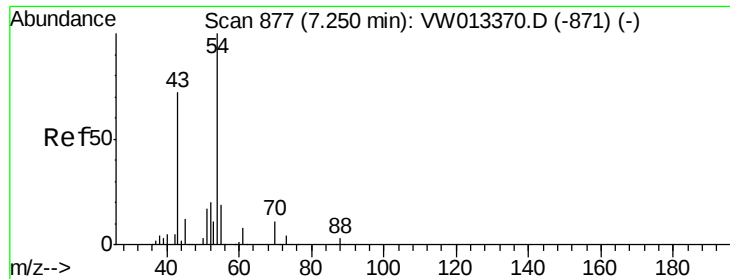


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 3.893 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMPOSITE-2

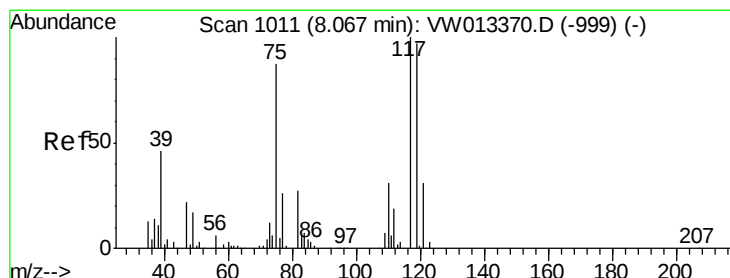
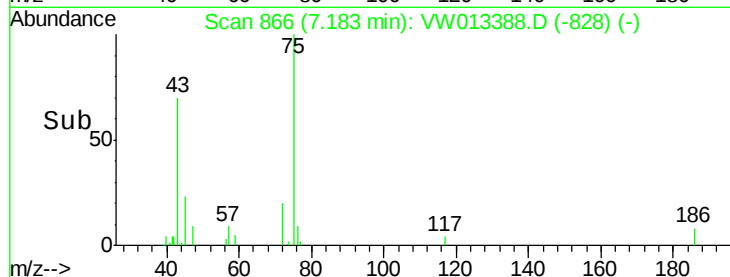
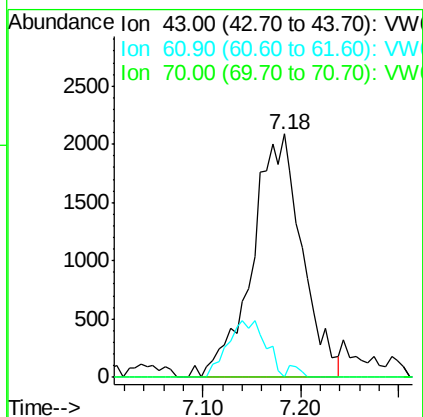
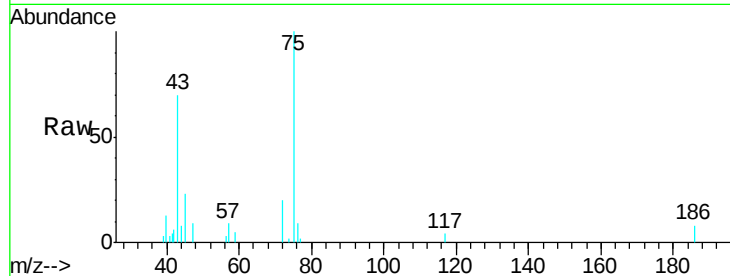
Tgt Ion: 43 Resp: 7400

Ion Ratio Lower Upper

43 100

61 1.2 10.9 16.3#

70 0.0 8.2 12.2#



#38

Carbon Tetrachloride

Concen: 6.999 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013388.D

Acq: 02 Oct 2019 19:30

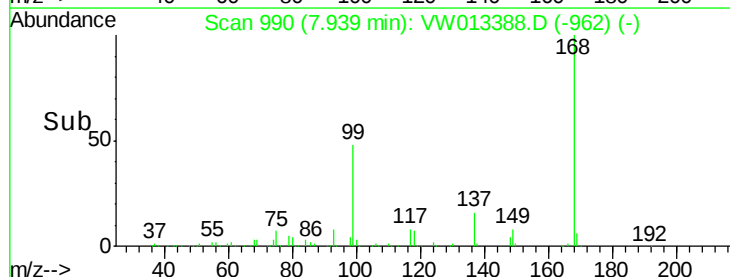
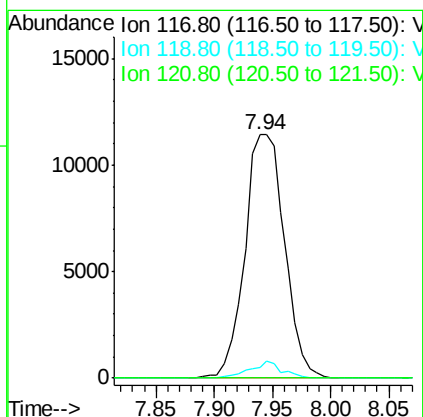
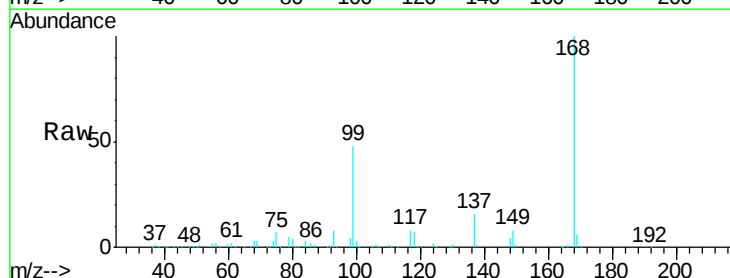
Tgt Ion: 117 Resp: 27079

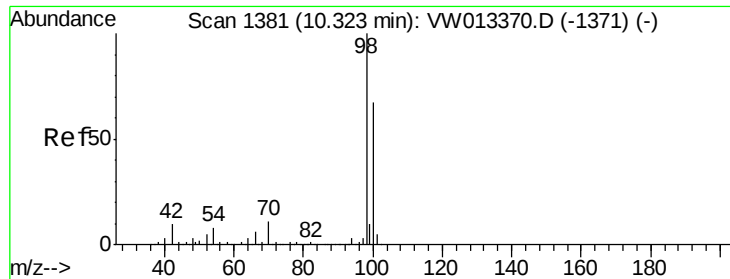
Ion Ratio Lower Upper

117 100

119 4.5 73.5 110.3#

121 0.0 25.0 37.6#

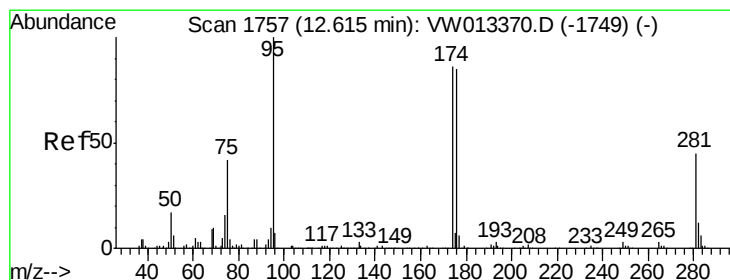
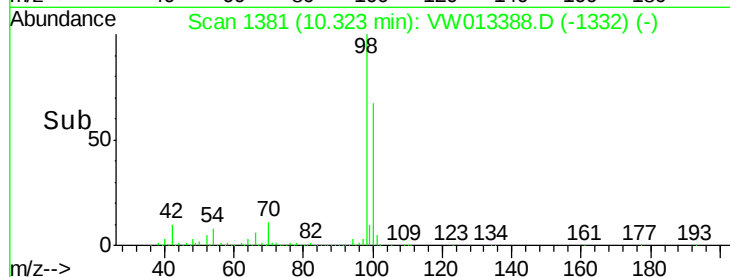
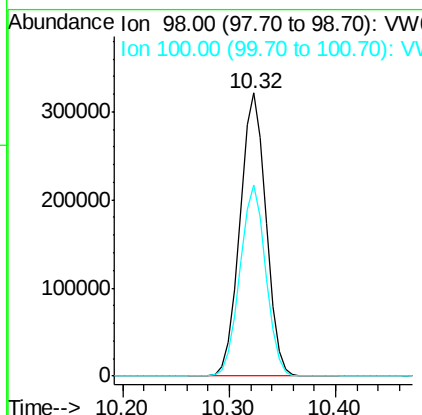
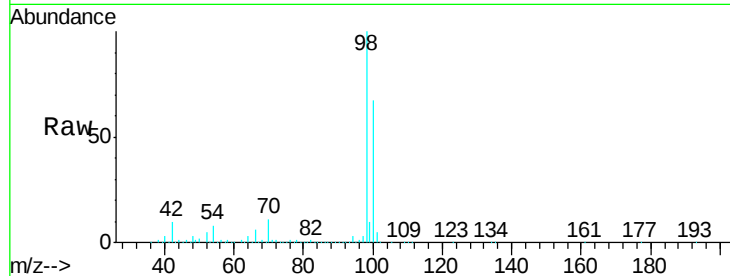




#50
Toluene-d8
Concen: 52.929 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

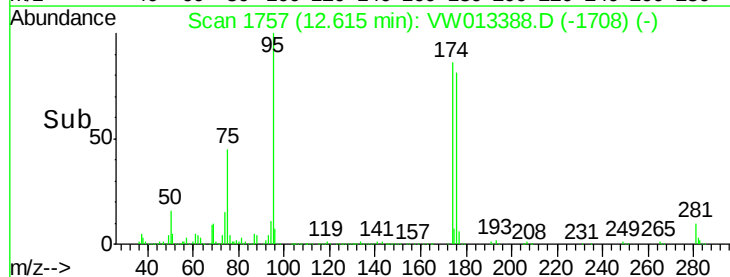
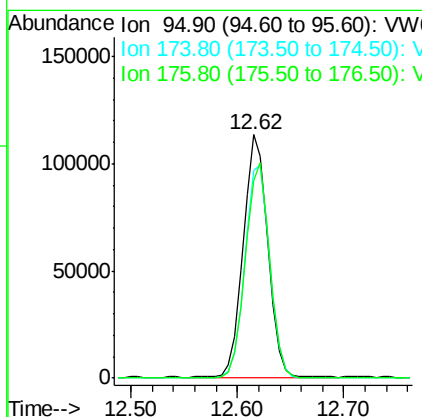
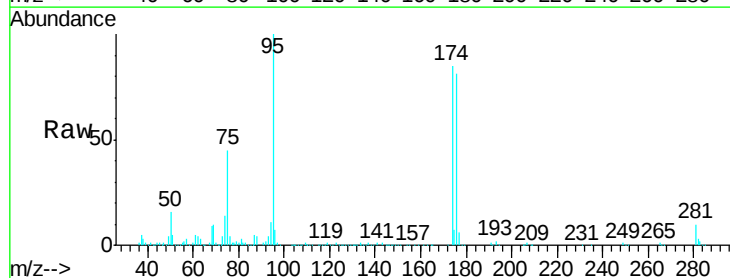
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMPOSITE-2

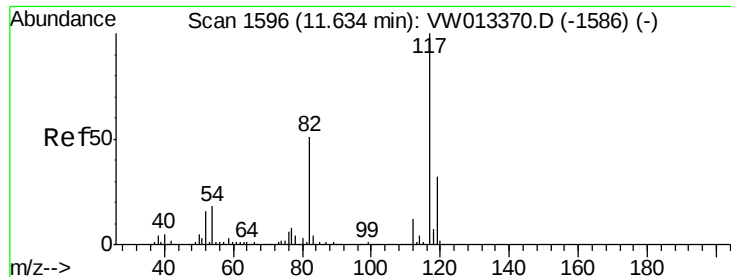
Tgt Ion: 98 Resp: 554195
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.545 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

Tgt Ion: 95 Resp: 183724
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.4
176 87.6 0.0 172.2

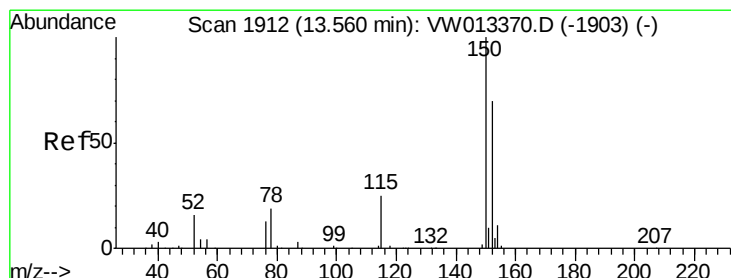
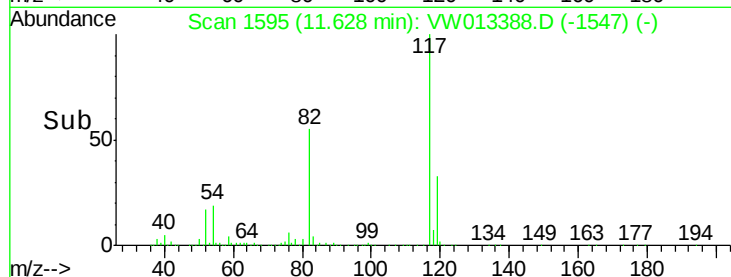
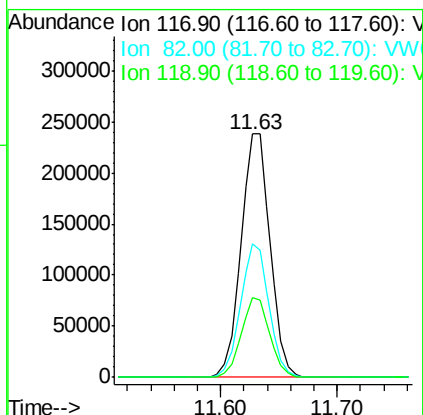
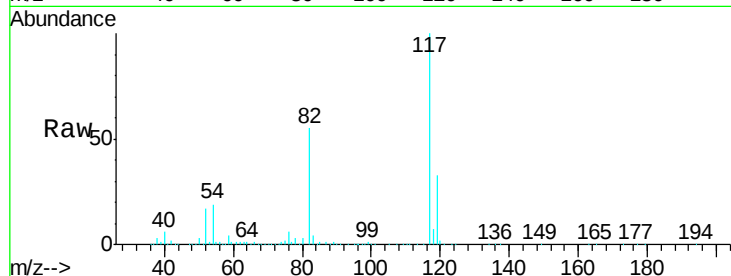




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

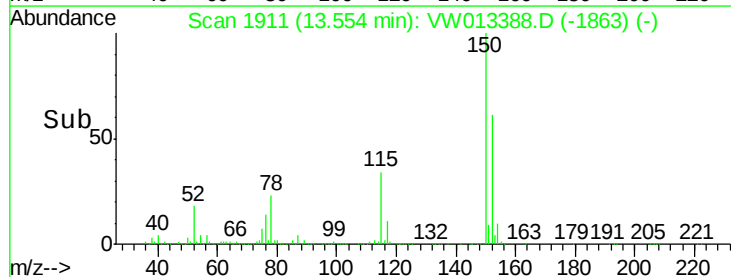
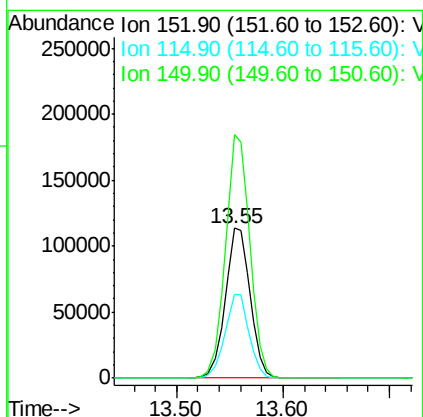
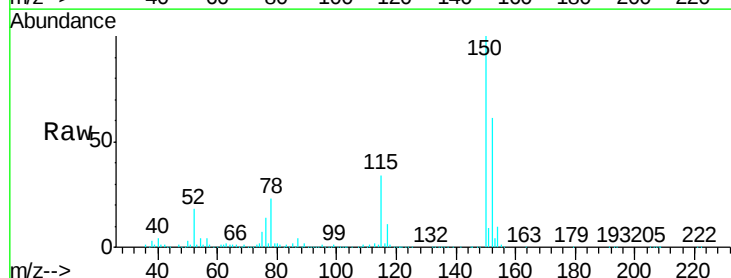
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMPOSITE-2

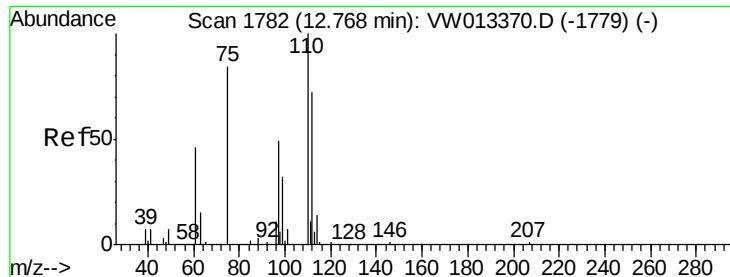
Tgt Ion:117 Resp: 414096
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013388.D
Acq: 02 Oct 2019 19:30

Tgt Ion:152 Resp: 184618
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 159.9 0.0 349.0

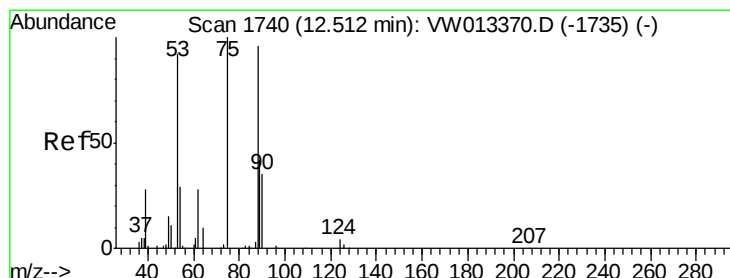
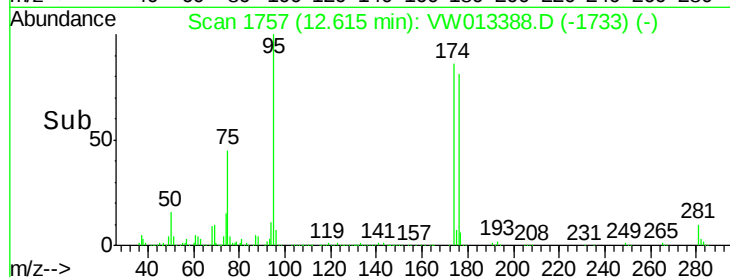
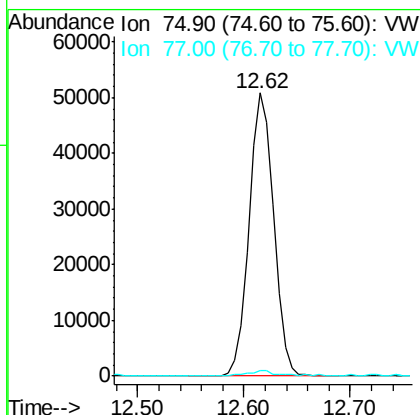
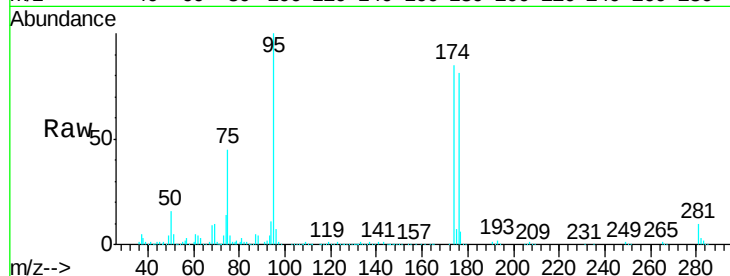




#76
 1,2,3-Trichloropropane
 Concen: 50.339 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013388.D
 Acq: 02 Oct 2019 19:30

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMPOSITE-2

Tgt Ion: 75 Resp: 82597
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.253 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013388.D
 Acq: 02 Oct 2019 19:30

Tgt Ion: 75 Resp: 82597
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.1 33.5 50.3#

