

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014569.D
 Acq On : 08 Jan 2020 19:26
 Operator : SY/VA
 Sample : L1056-10
 Misc : 7.18G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 00:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	547993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	861873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	653652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	235560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	221446	46.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.44%	
35) Dibromofluoromethane	7.88	113	222474	45.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.34%	
50) Toluene-d8	10.32	98	850302	41.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	12.62	95	238573	34.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.44%	

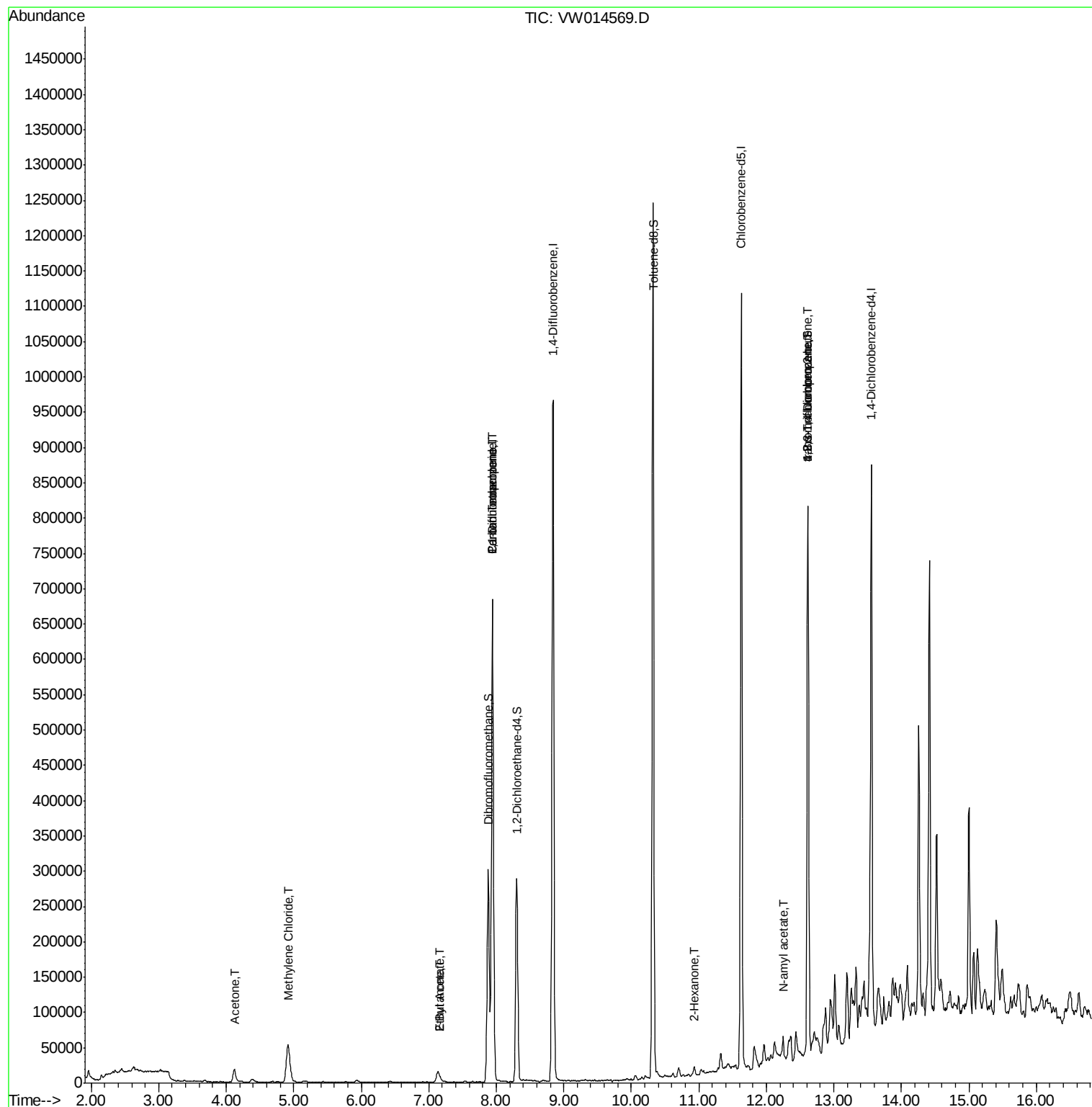
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	2401	Below Cal	#	87
16) Acetone	4.12	43	33190	24.533	ug/l	97
20) Methylene Chloride	4.92	84	50587	5.196	ug/l	99
25) 2-Butanone	7.17	43	5945	3.424	ug/l #	80
36) 1,1-Dichloropropene	7.95	75	37360	4.496	ug/l #	49
37) Ethyl Acetate	7.17	43	5945	1.578	ug/l #	67
38) Carbon Tetrachloride	7.95	117	48983	6.795	ug/l #	16
59) 2-Hexanone	10.93	43	5719	2.336	ug/l #	28
74) N-amyl acetate	12.25	43	8113	2.093	ug/l #	78
76) 1,2,3-Trichloropropane	12.62	75	107234	48.148	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	107234	107.275	ug/l #	16

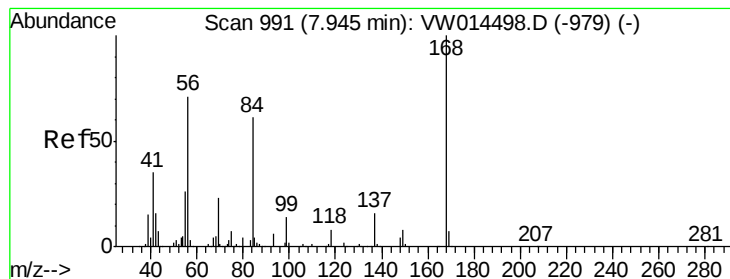
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW014569.D

Acq: 08 Jan 2020 19:26

Instrument :

MSVOA_W

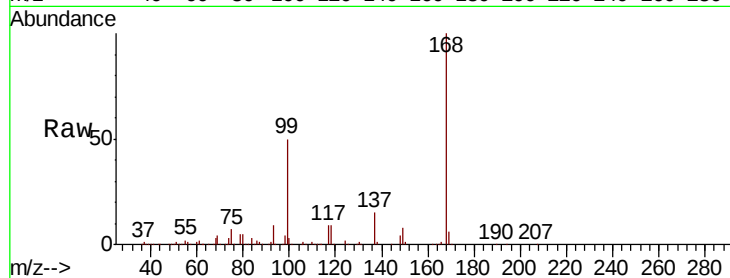
ClientSampleId :

Tot Ion:168 Resp: 547993

Ion Ratio Lower Upper

168 100

99 50.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

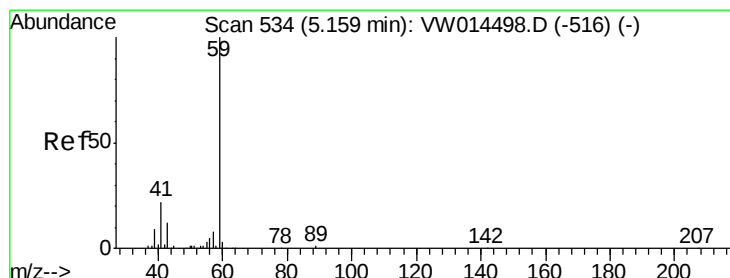
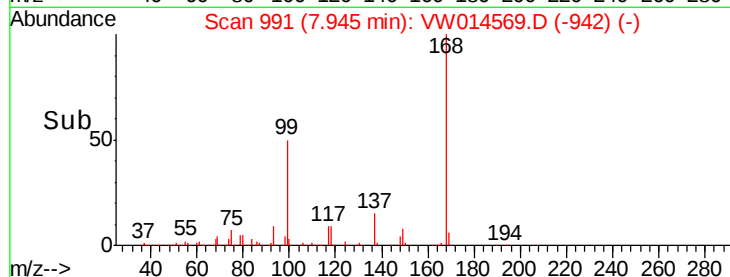
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014569.D

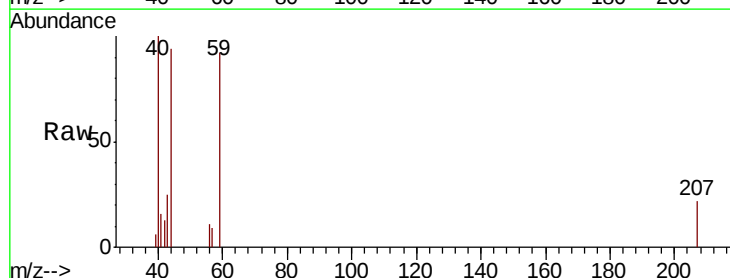
Acq: 08 Jan 2020 19:26

Tgt Ion: 59 Resp: 2401

Ion Ratio Lower Upper

59 100

57 4.9 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

800

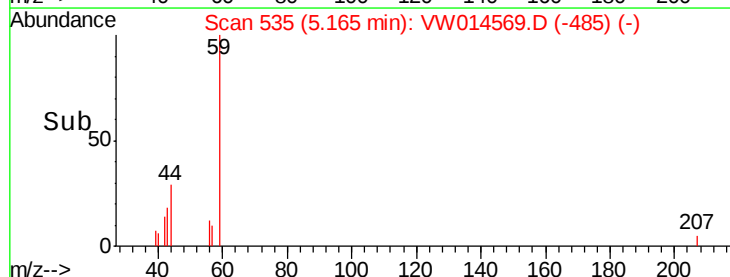
600

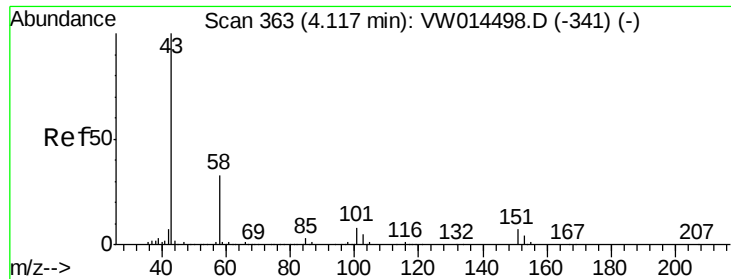
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200

0

Time-->

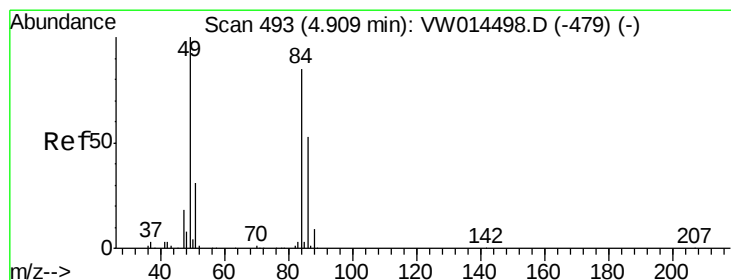
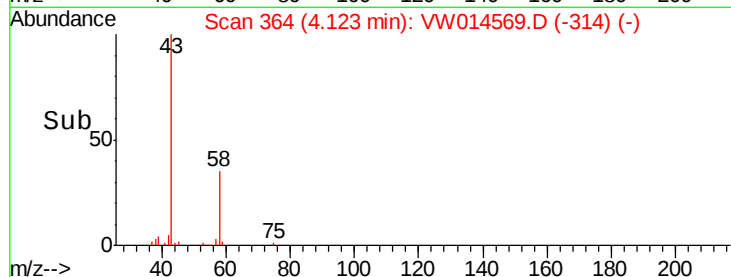
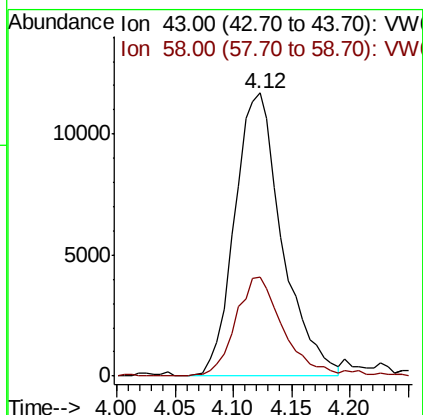
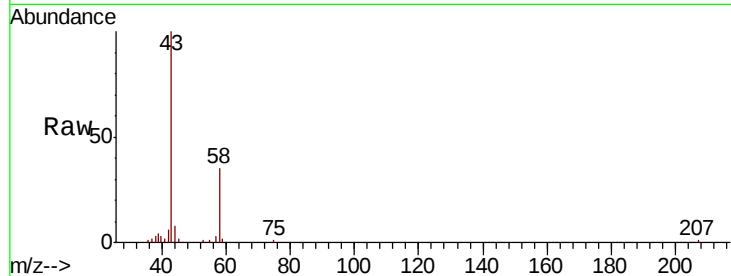




#16
Acetone
Concen: 24.533 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

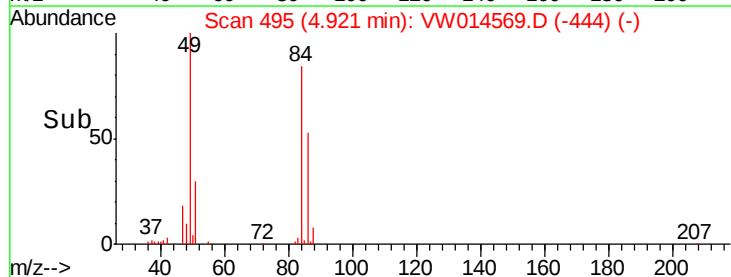
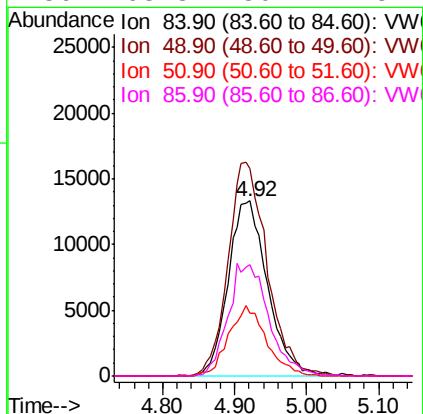
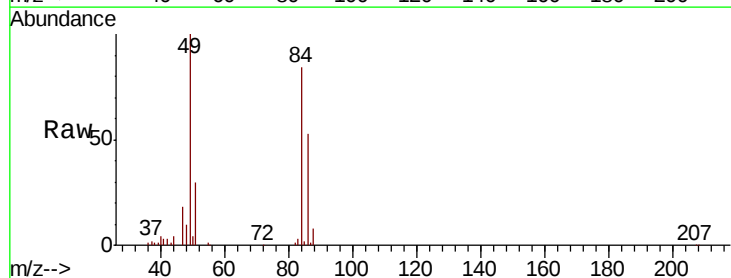
Instrument :
MSVOA_W
ClientSampled :

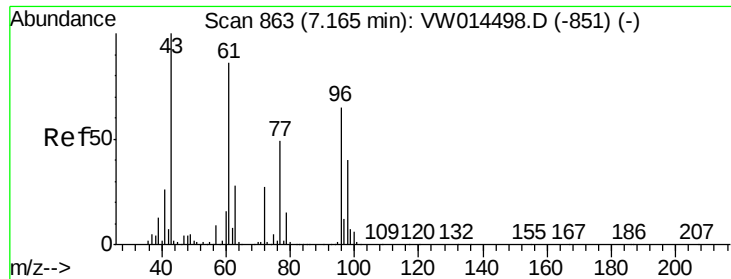
Tot Ion: 43 Resp: 33190
Ion Ratio Lower Upper
43 100
58 34.9 26.6 39.8



#20
Methylene Chloride
Concen: 5.196 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion: 84 Resp: 50587
Ion Ratio Lower Upper
84 100
49 118.7 94.4 141.6
51 35.9 29.5 44.3
86 63.3 50.2 75.2

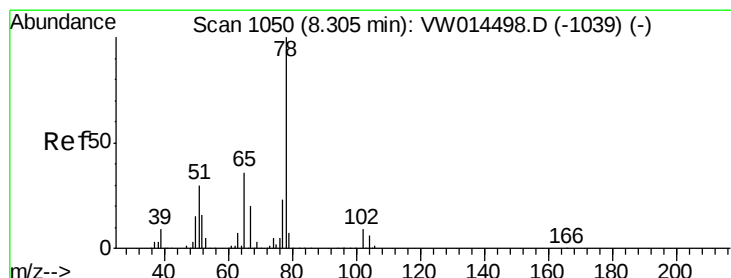
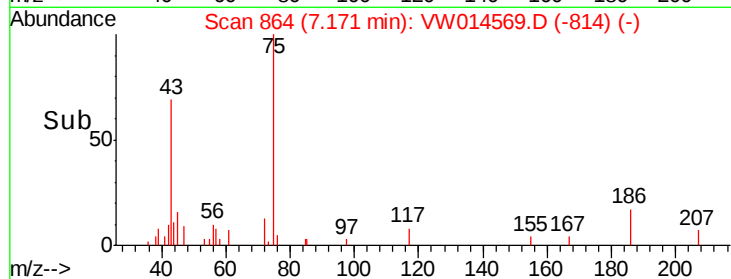
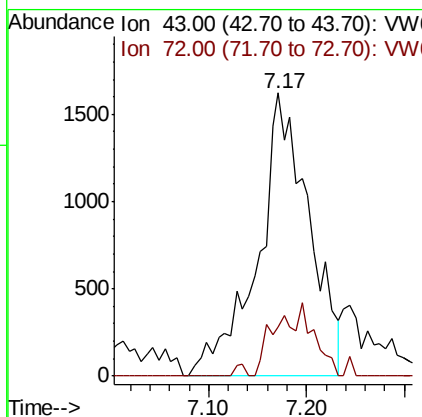
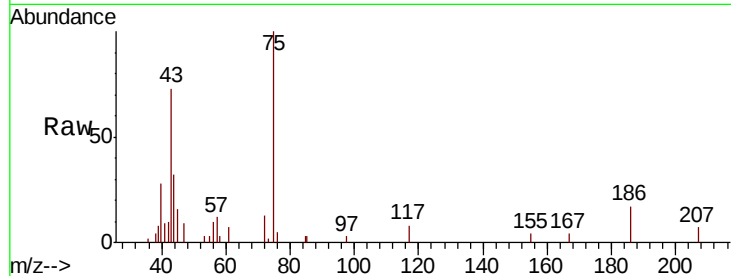




#25
2-Butanone
Concen: 3.424 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

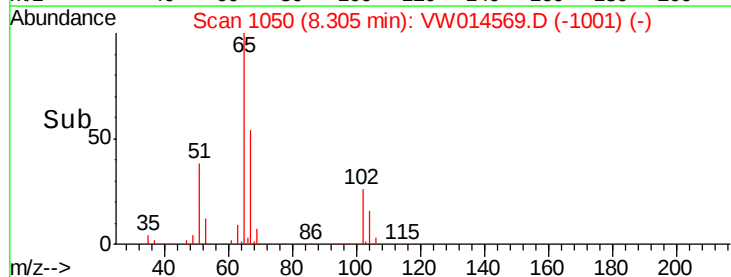
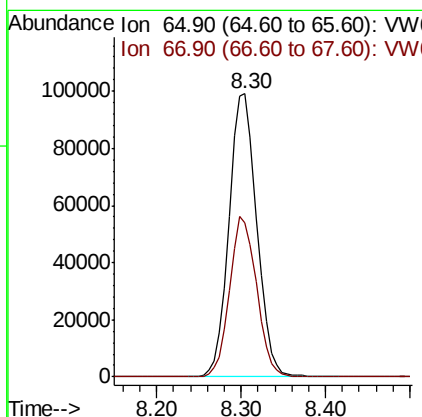
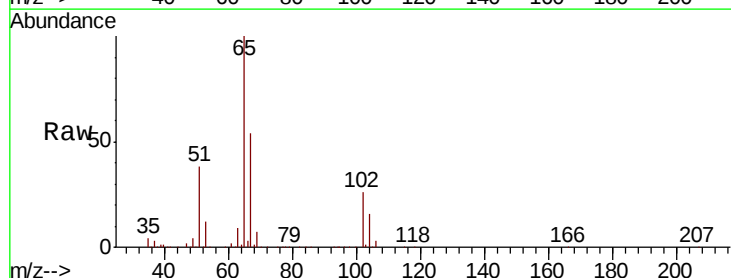
Instrument :
MSVOA_W
ClientSampled :

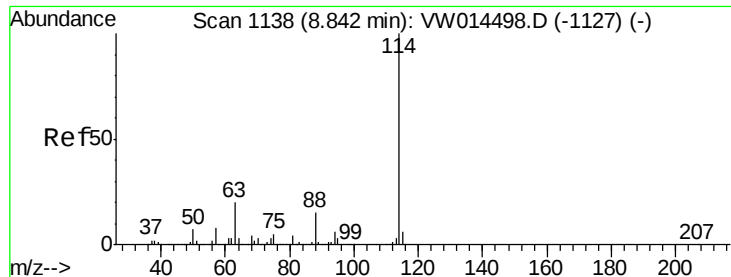
Tot Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
72 17.2 21.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 46.219 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion: 65 Resp: 221446
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.4

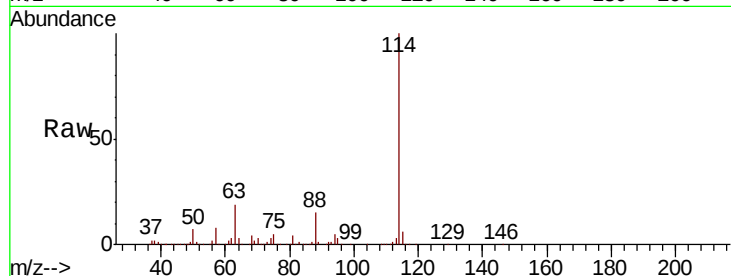




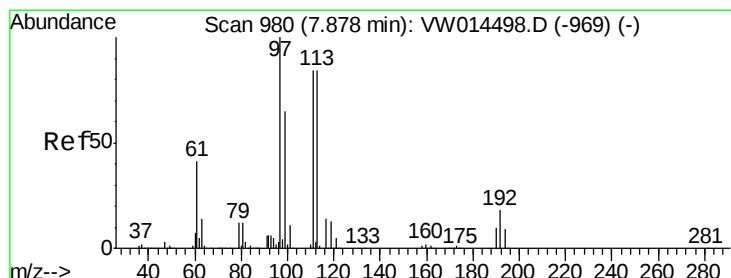
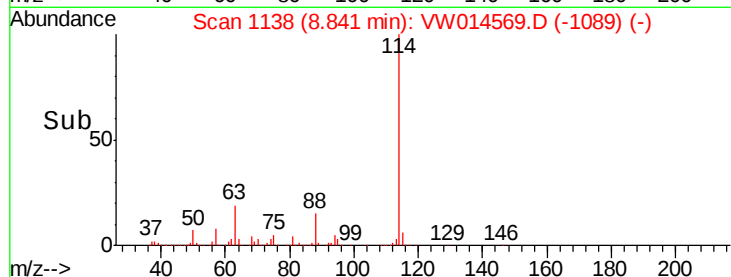
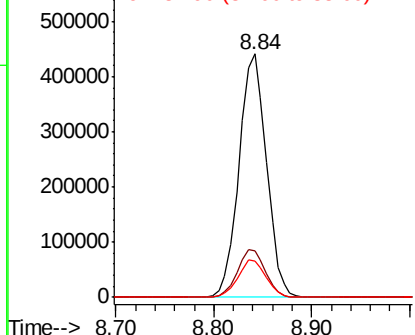
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 861873
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.4
88 14.9 0.0 30.6

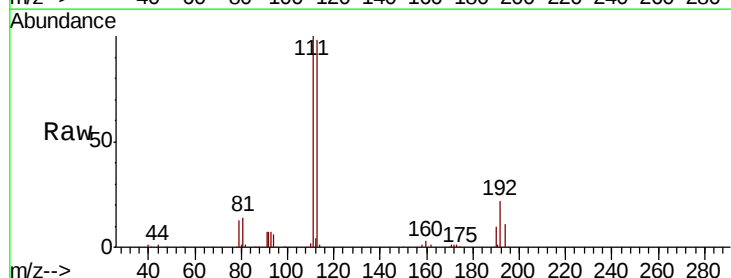


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

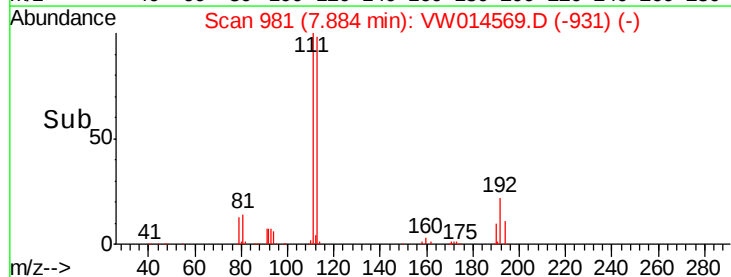
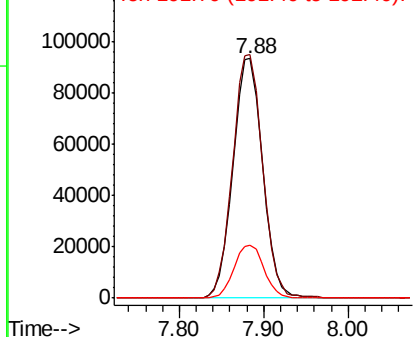


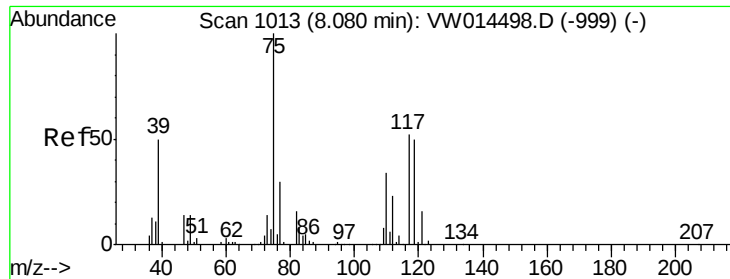
#35
Dibromofluoromethane
Concen: 45.165 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion:113 Resp: 222474
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 22.2 17.8 26.8



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

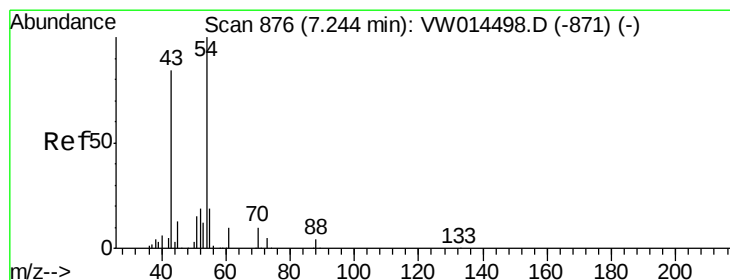
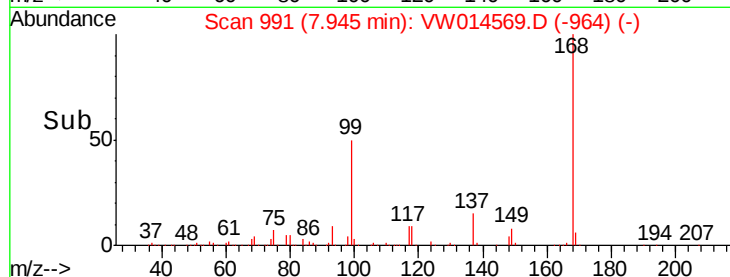
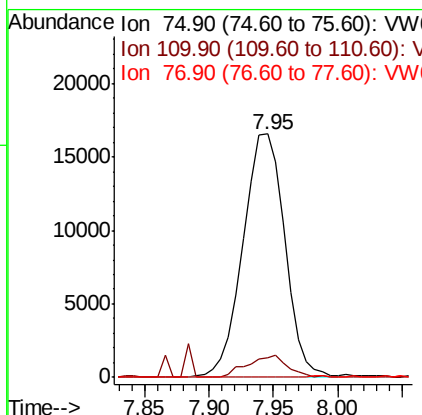
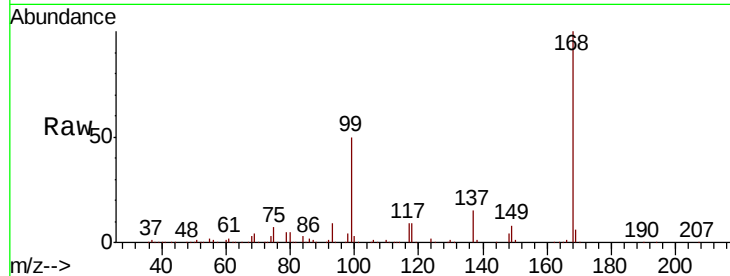




#36
 1,1-Dichloropropene
 Concen: 4.496 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014569.D
 Acq: 08 Jan 2020 19:26

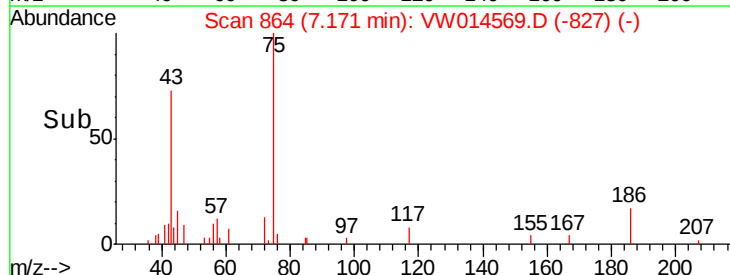
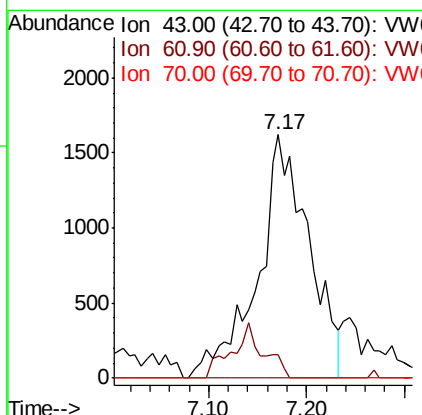
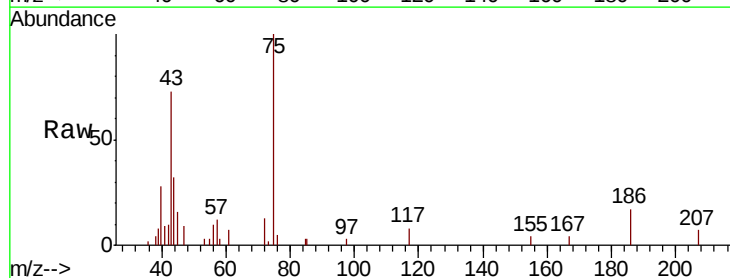
Instrument :
 MSVOA_W
 ClientSampled :

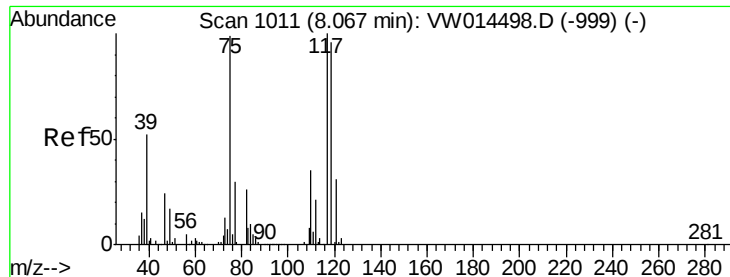
Tot Ion	75	Resp	37360
Ion Ratio	100	Lower	Upper
75	100		
110	8.8	17.8	53.5#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.578 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VW014569.D
 Acq: 08 Jan 2020 19:26

Tgt Ion	43	Resp	5945
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	9.0	13.6#

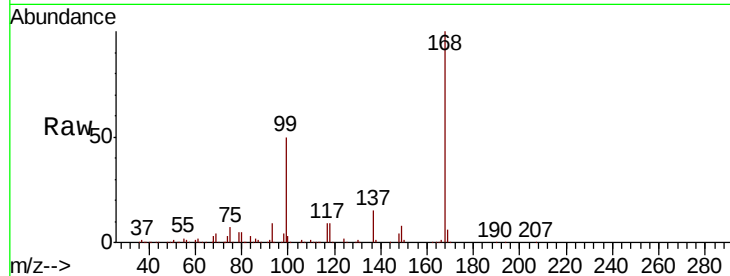




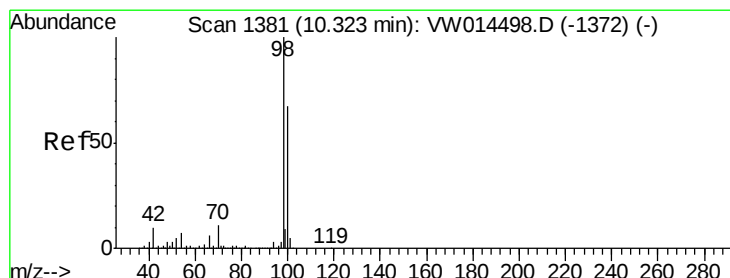
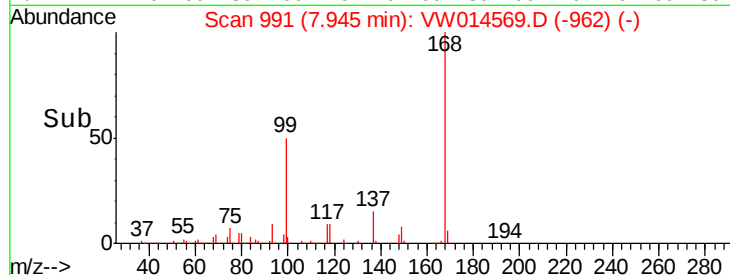
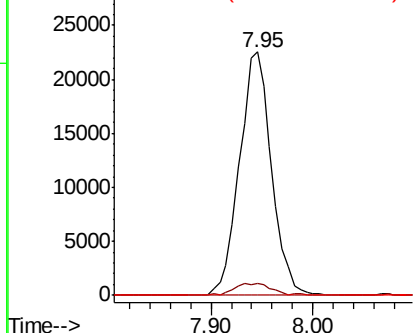
#38
Carbon Tetrachloride
Concen: 6.795 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 48983
Ion Ratio Lower Upper
117 100
119 4.9 77.0 115.6#
121 0.0 24.6 36.8#

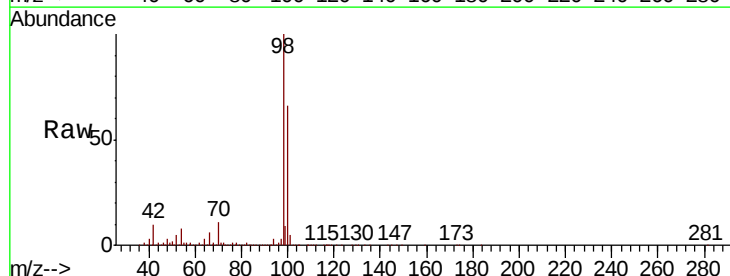


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

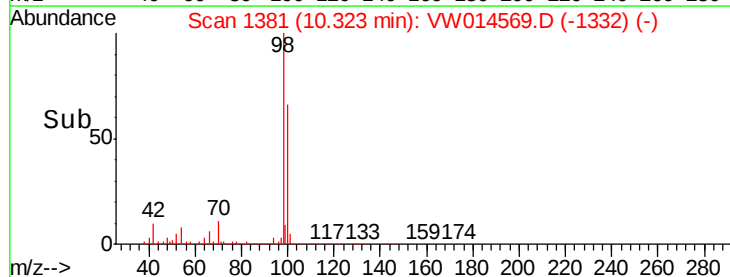
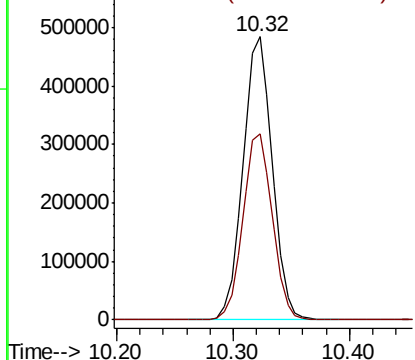


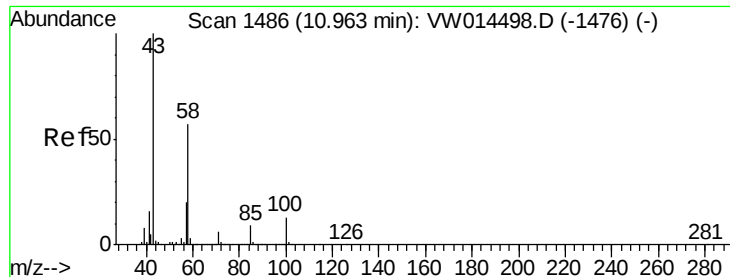
#50
Toluene-d8
Concen: 41.364 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion: 98 Resp: 850302
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

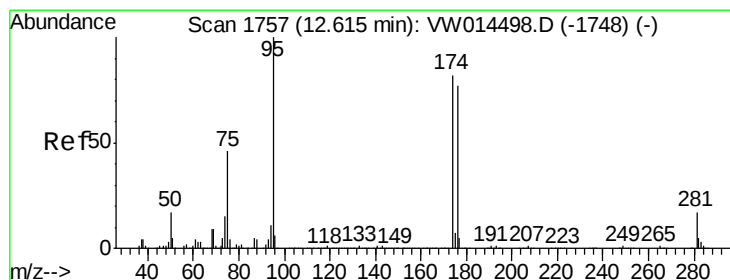
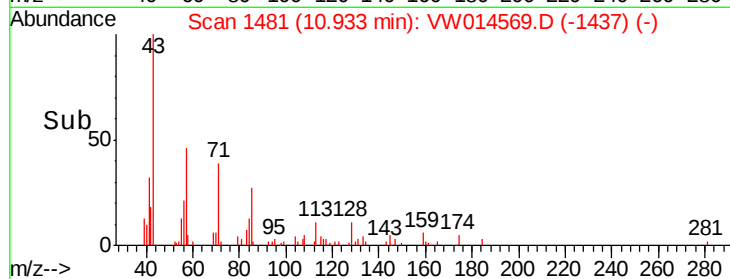
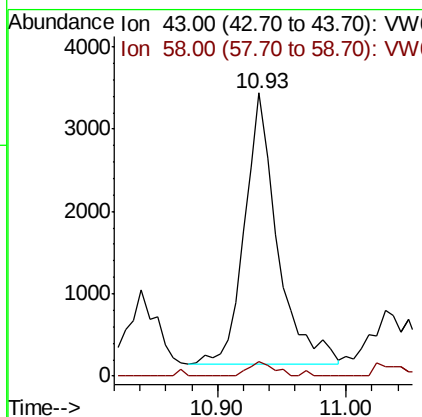
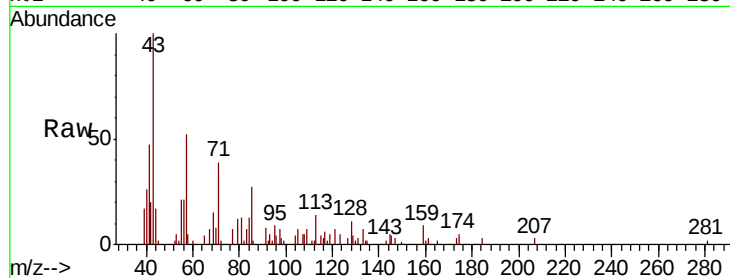




#59
2-Hexanone
Concen: 2.336 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.03 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

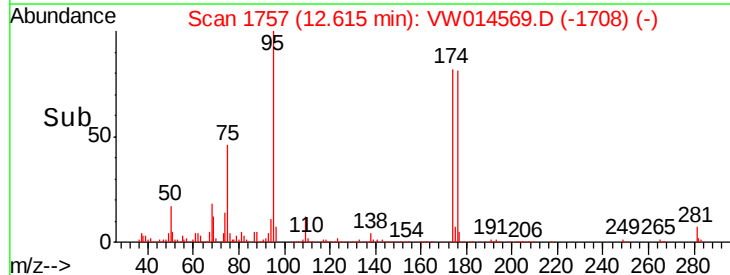
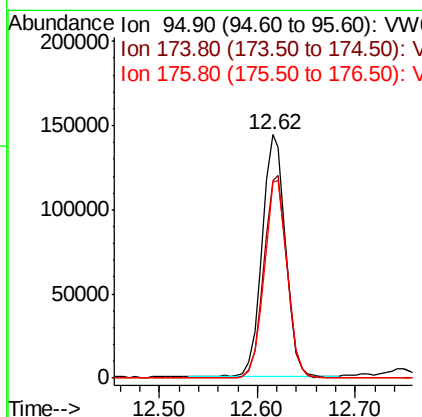
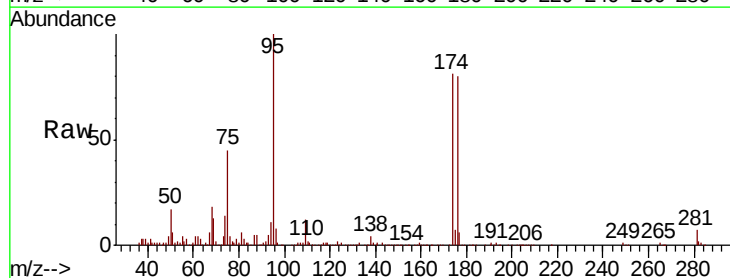
Instrument :
MSVOA_W
ClientSampleId :

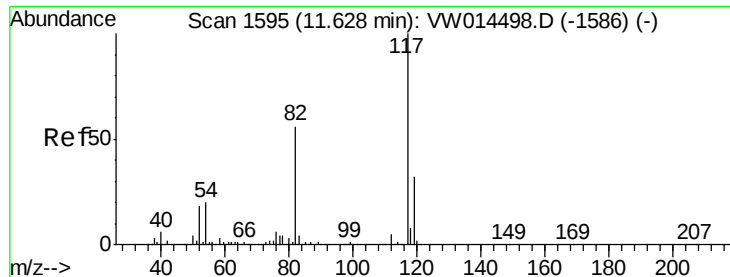
Tot Ion: 43 Resp: 5719
Ion Ratio Lower Upper
43 100
58 4.1 28.7 86.3#



#62
4-Bromofluorobenzene
Concen: 34.216 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion: 95 Resp: 238573
Ion Ratio Lower Upper
95 100
174 82.8 0.0 168.6
176 80.0 0.0 162.0

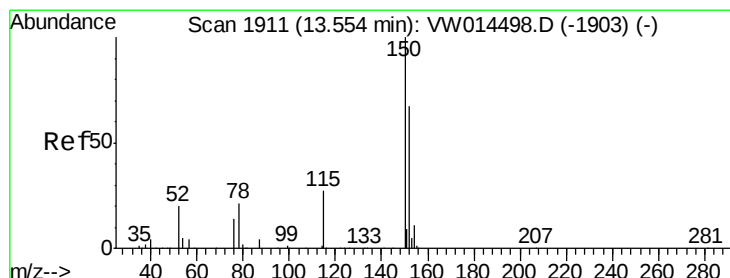
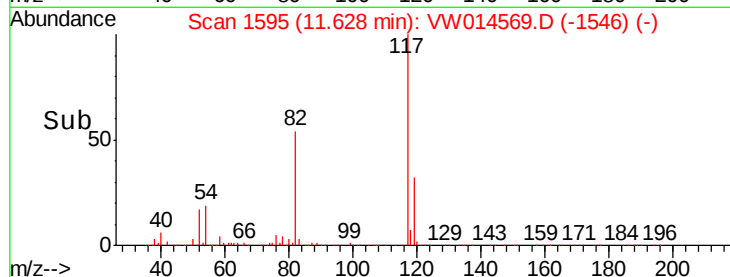
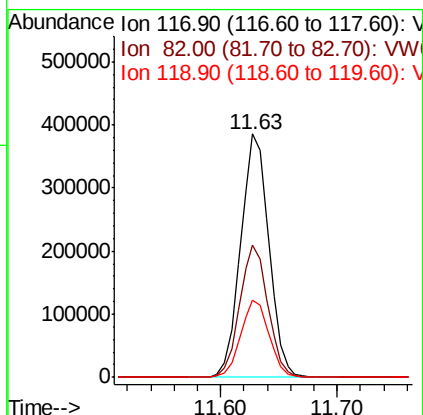
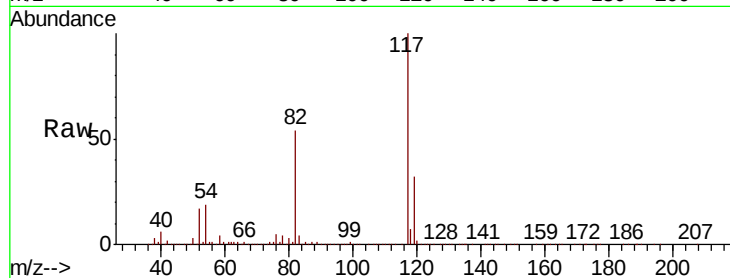




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

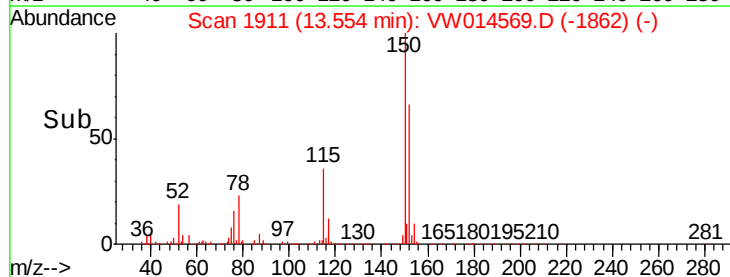
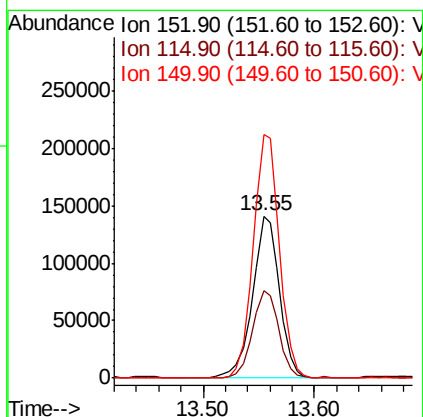
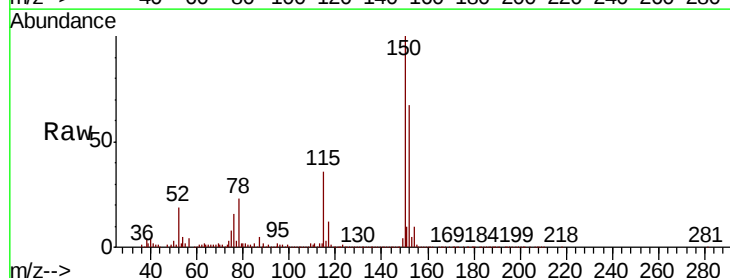
Instrument :
MSVOA_W
ClientSampleId :

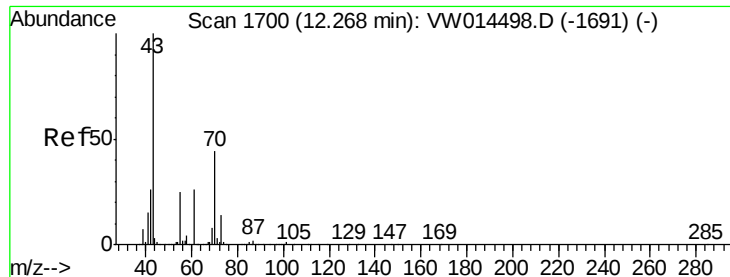
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014569.D
Acq: 08 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	27.7	83.1
150	146.4	0.0	343.4





#74

N-amyl acetate

Concen: 2.093 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW014569.D

Acq: 08 Jan 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8113

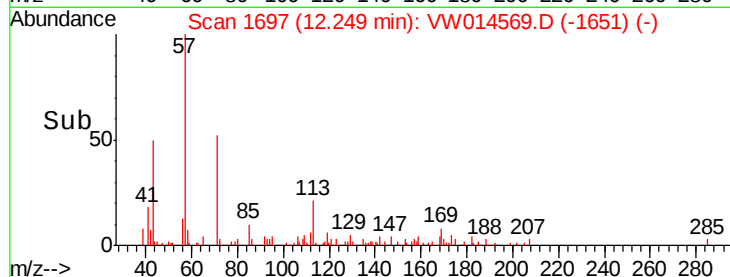
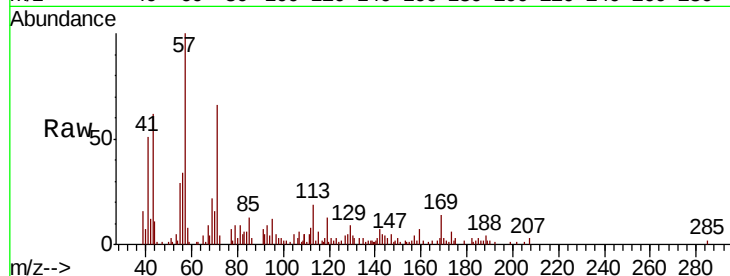
Ion Ratio Lower Upper

43 100

70 36.4 36.5 54.7#

55 30.7 20.9 31.3

61 0.0 20.7 31.1#

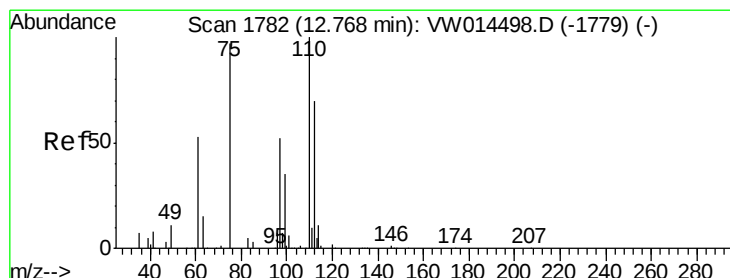
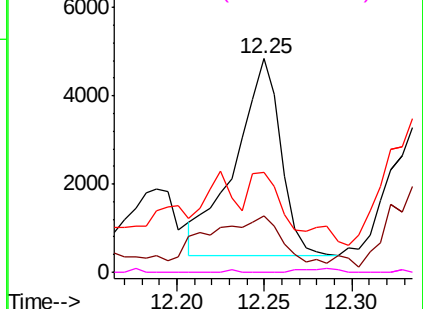


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 48.148 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014569.D

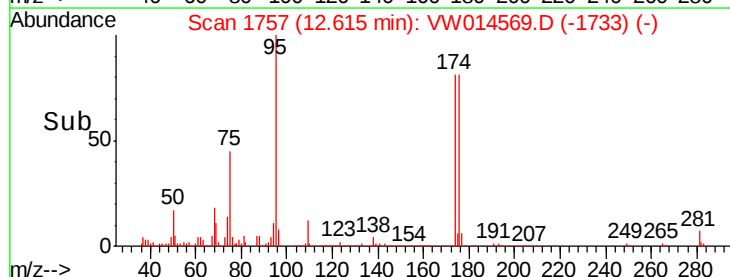
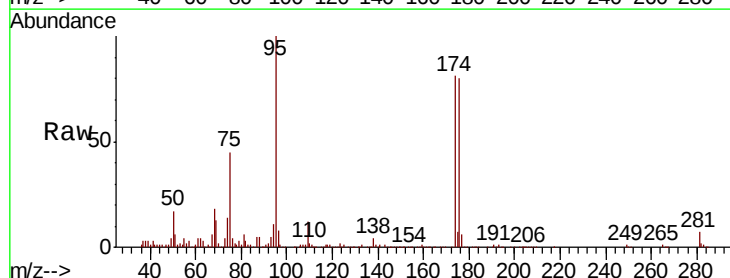
Acq: 08 Jan 2020 19:26

Tgt Ion: 75 Resp: 107234

Ion Ratio Lower Upper

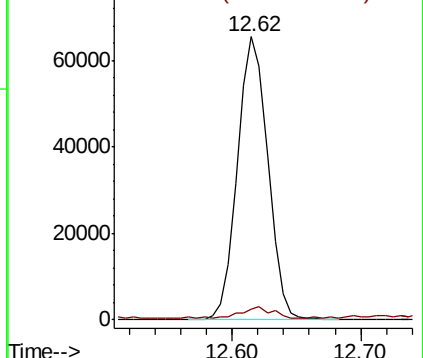
75 100

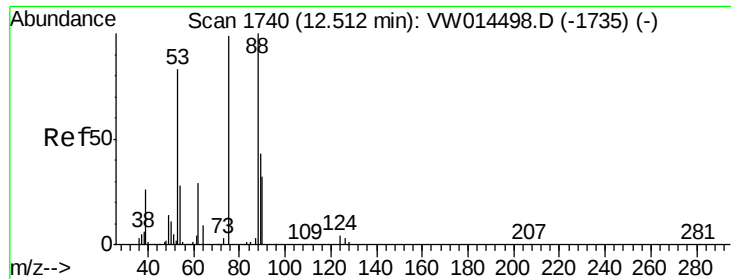
77 4.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 107.275 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014569.D

Acq: 08 Jan 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 107234

Ion Ratio Lower Upper

75 100

53 3.1 70.9 106.3#

89 0.4 35.8 53.8#

