

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014502.D
 Acq On : 03 Jan 2020 16:53
 Operator : SY/VA
 Sample : VW0103SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 06 00:43:57 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	859639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1307442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1097342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	502552	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	376067	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	7.88	113	370987	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.32	98	1548472	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	501580	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	

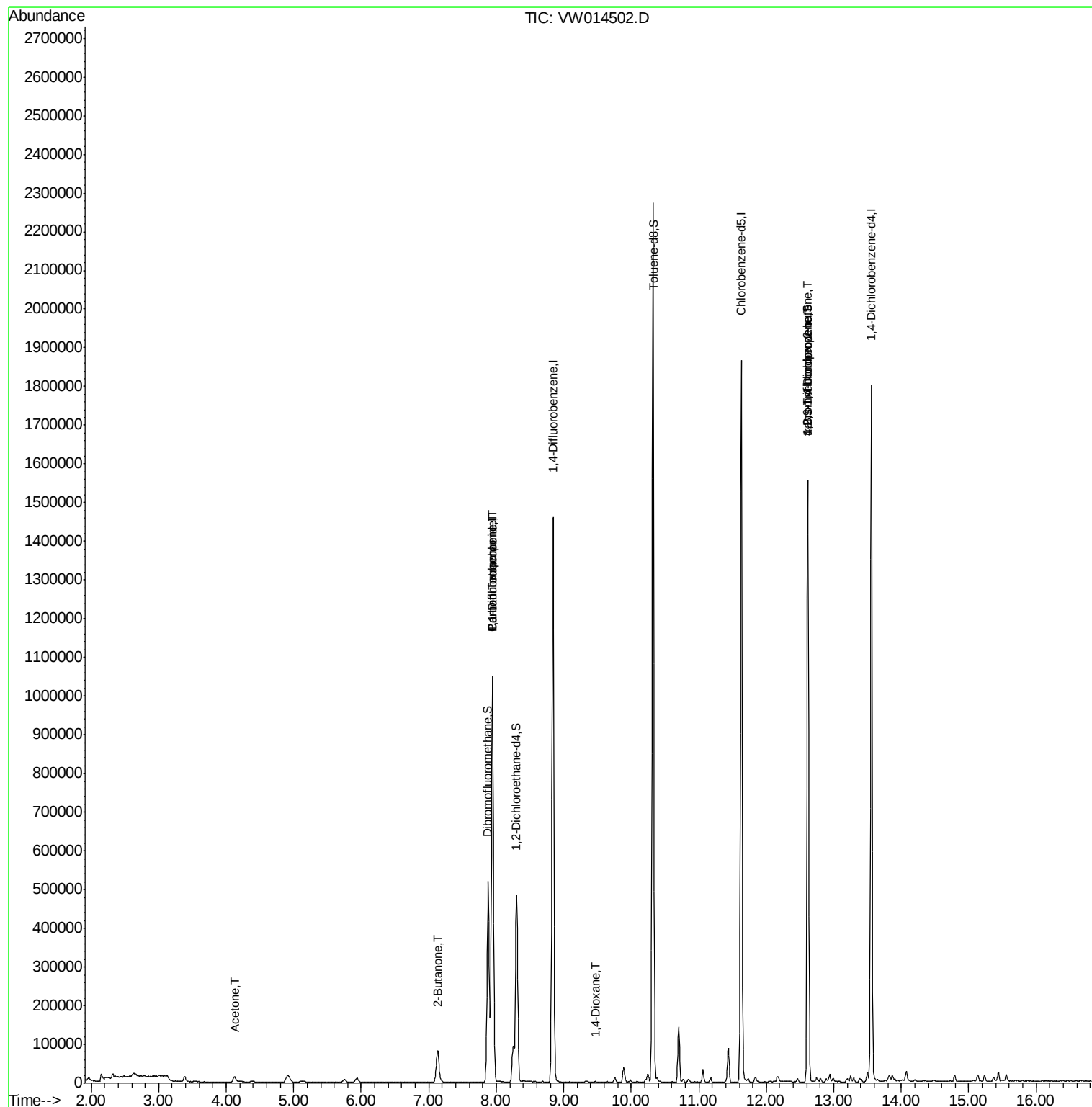
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	2106	Below Cal	#	86
16) Acetone	4.12	43	30129	14.197	ug/l	94
20) Methylene Chloride	4.92	84	15618	Below Cal		92
25) 2-Butanone	7.13	43	3718	1.365	ug/l #	80
36) 1,1-Dichloropropene	7.94	75	60006	4.761	ug/l #	50
38) Carbon Tetrachloride	7.95	117	77167	7.057	ug/l #	16
49) 1,4-Dioxane	9.46	88	130	1.609	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	238531	50.201	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	238531	111.849	ug/l #	14

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

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 06 00:43:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014502.D

Acq: 03 Jan 2020 16:53

Instrument :

MSVOA_W

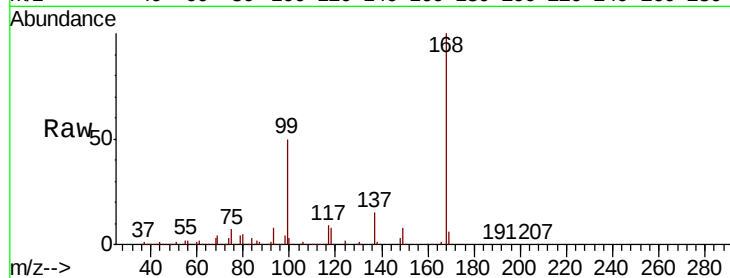
ClientSampled :

Tot Ion:168 Resp: 859639

Ion Ratio Lower Upper

168 100

99 50.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

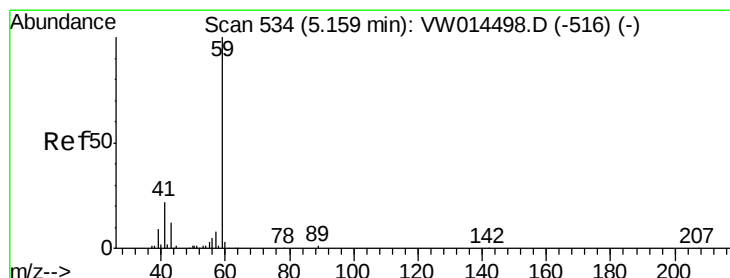
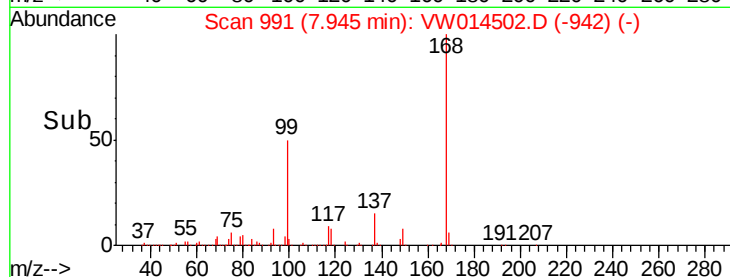
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014502.D

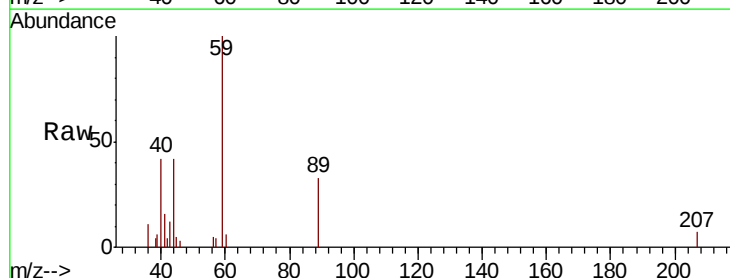
Acq: 03 Jan 2020 16:53

Tgt Ion: 59 Resp: 2106

Ion Ratio Lower Upper

59 100

57 4.6 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2000

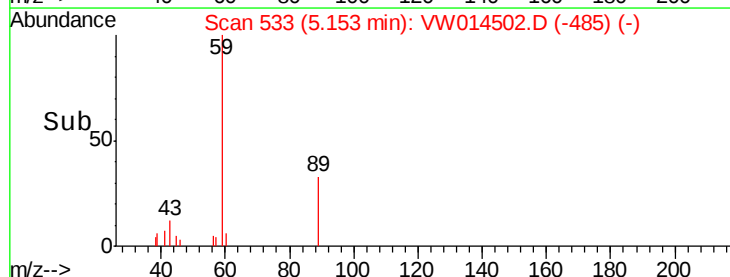
1500

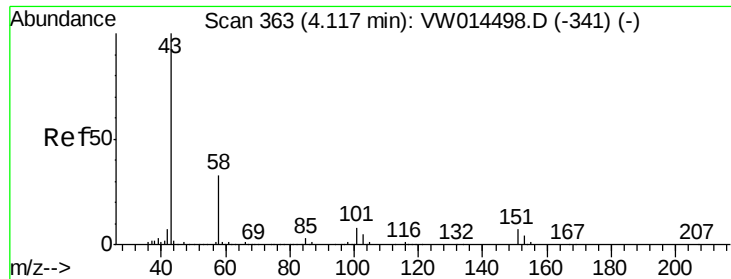
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500

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Time-->

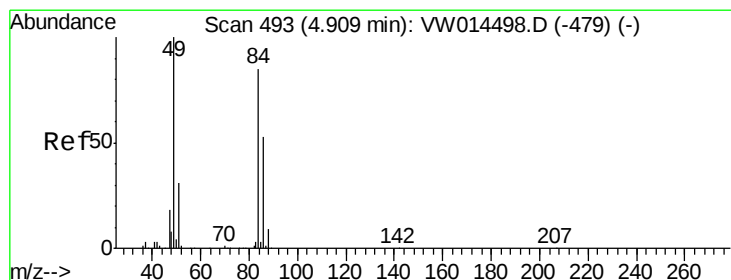
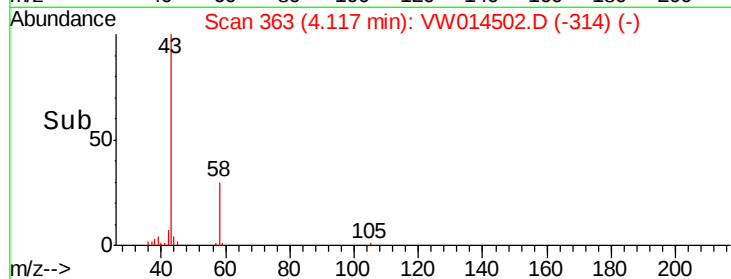
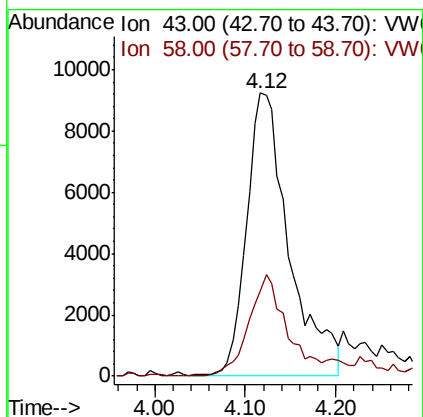
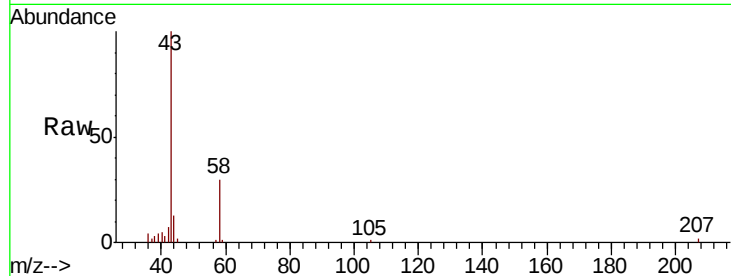




#16
Acetone
Concen: 14.197 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

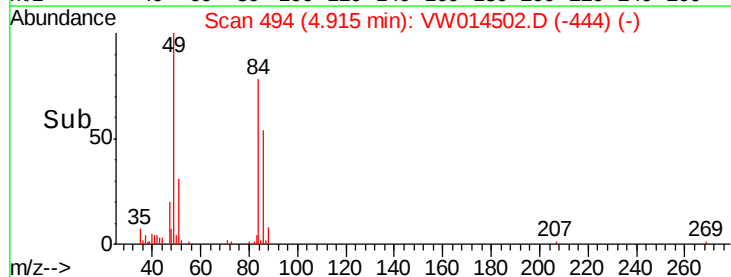
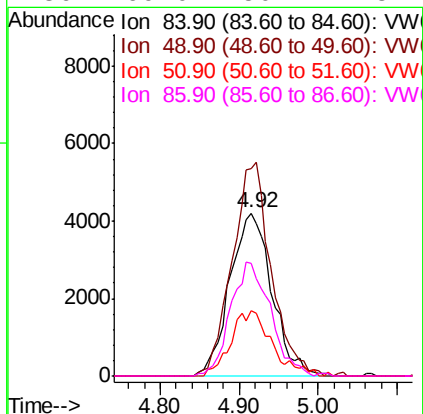
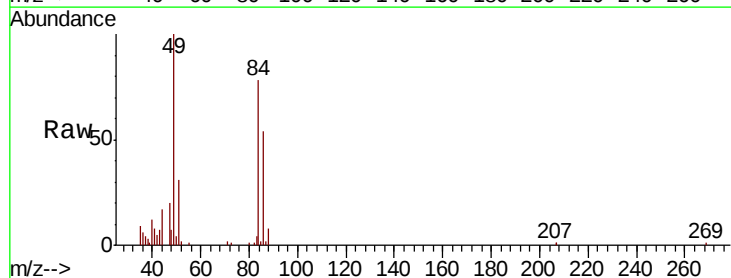
Instrument :
MSVOA_W
ClientSampled :

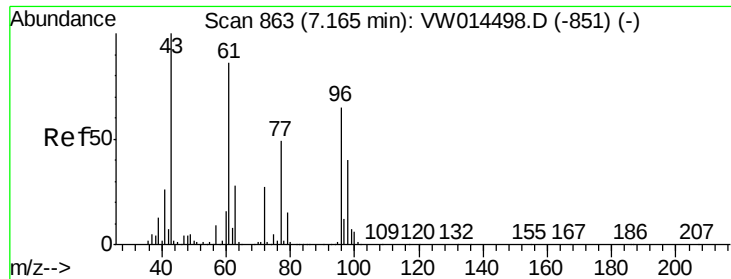
Tot Ion: 43 Resp: 30129
Ion Ratio Lower Upper
43 100
58 30.0 26.6 39.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Tgt Ion: 84 Resp: 15618
Ion Ratio Lower Upper
84 100
49 127.8 94.4 141.6
51 39.9 29.5 44.3
86 69.0 50.2 75.2





#25

2-Butanone

Concen: 1.365 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW014502.D

Acq: 03 Jan 2020 16:53

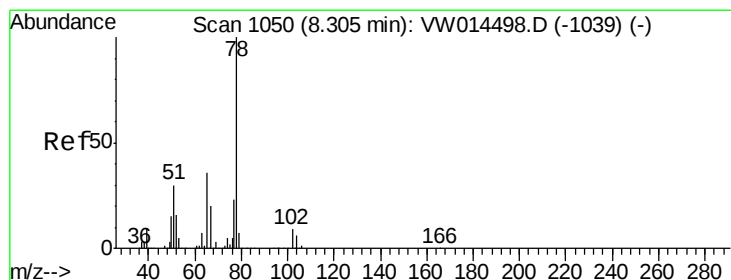
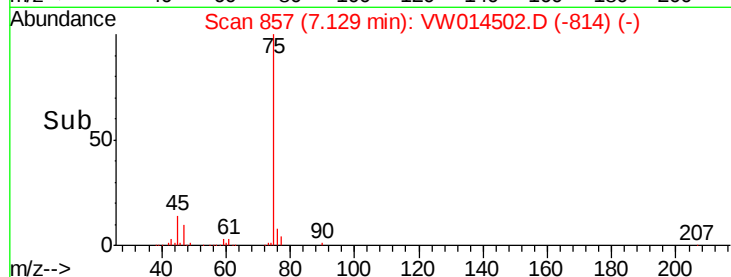
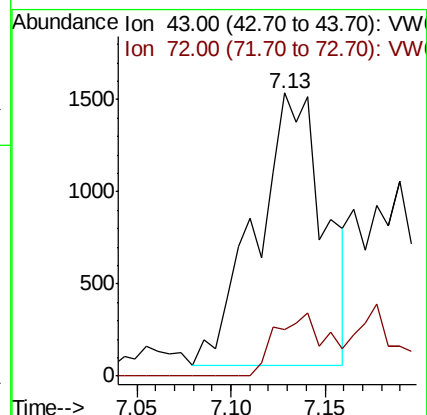
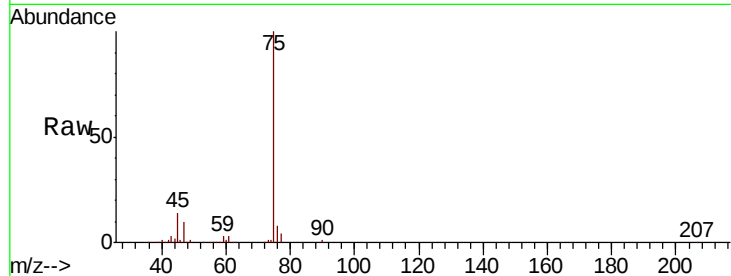
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3718

Ion Ratio Lower Upper

43 100

72 17.2 21.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 50.036 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014502.D

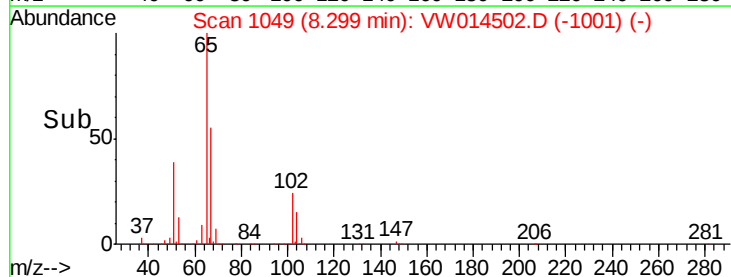
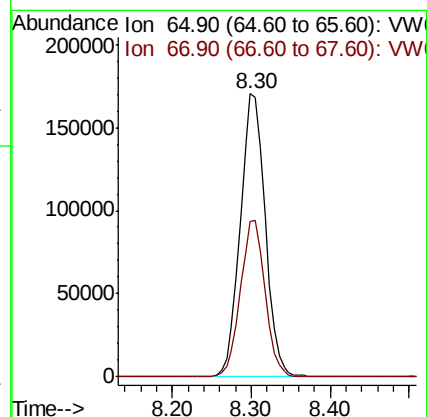
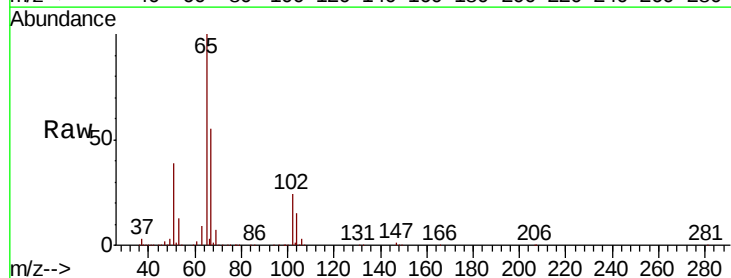
Acq: 03 Jan 2020 16:53

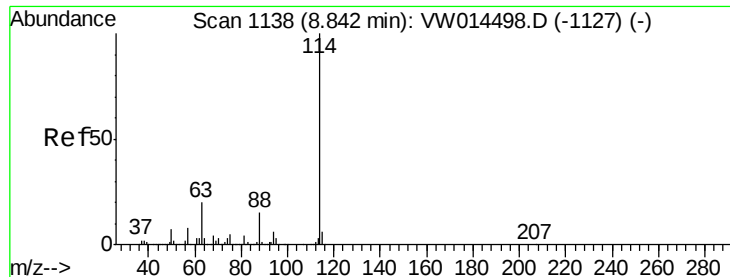
Tgt Ion: 65 Resp: 376067

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.4

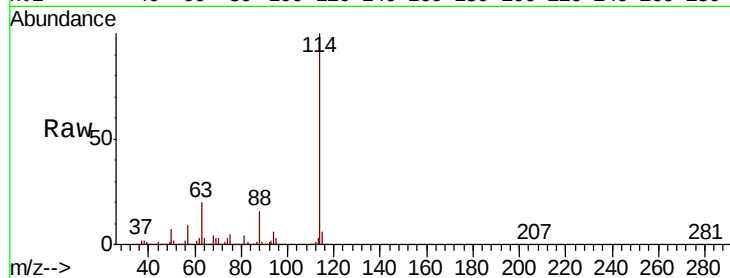




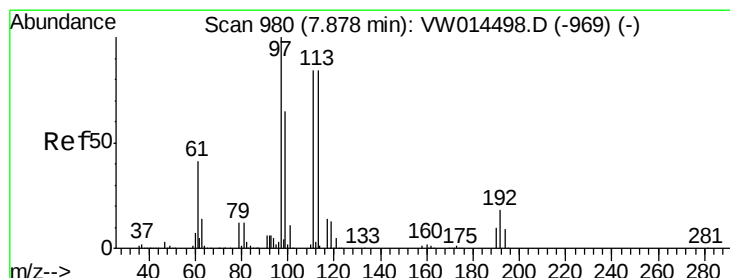
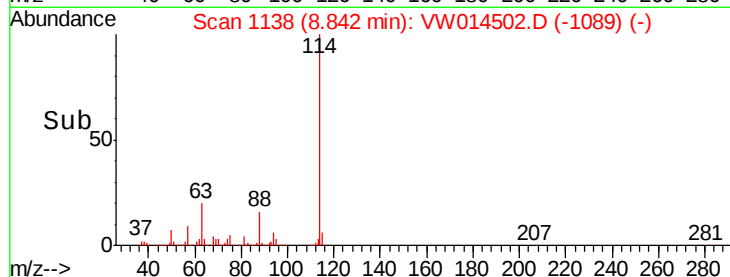
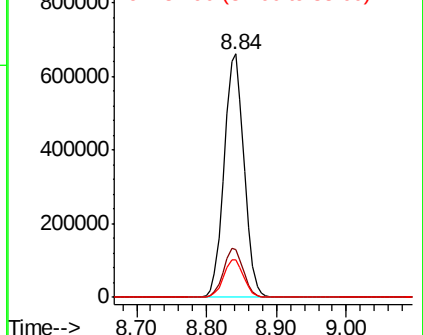
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 1307442
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.4
88 15.6 0.0 30.6

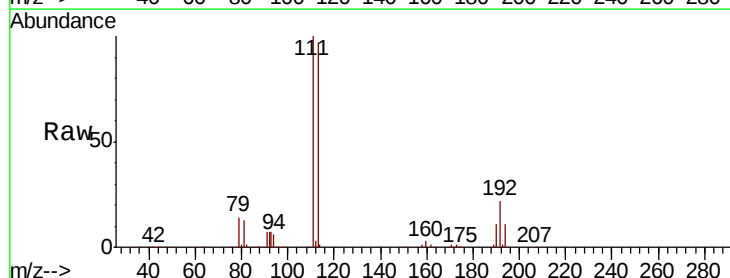


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

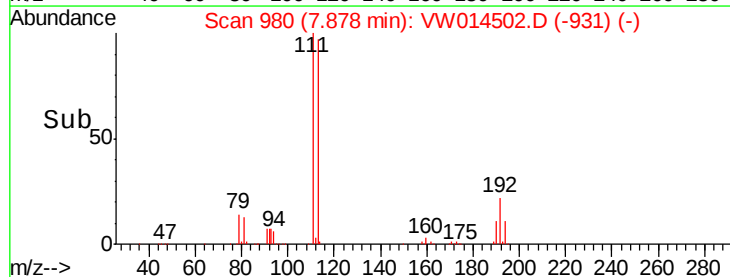
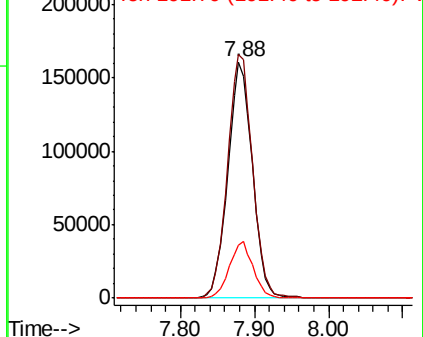


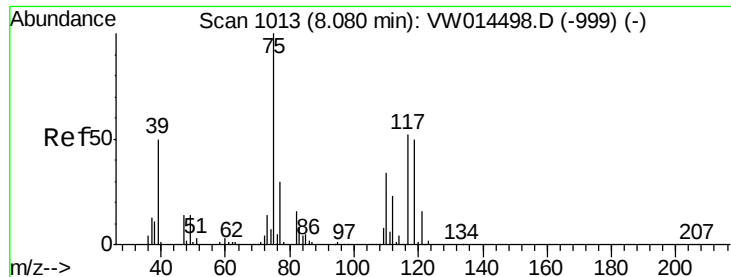
#35
Dibromofluoromethane
Concen: 49.649 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Tgt Ion:113 Resp: 370987
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.2
192 22.9 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

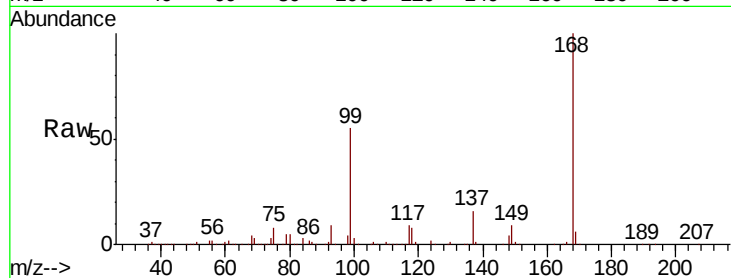




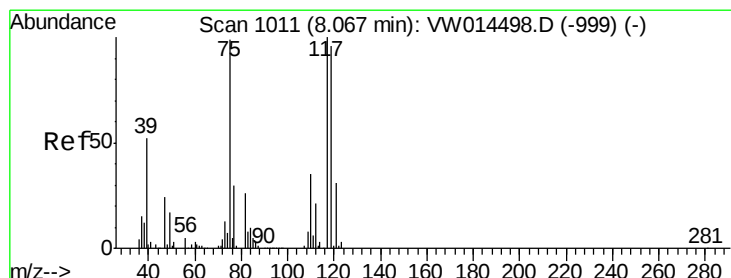
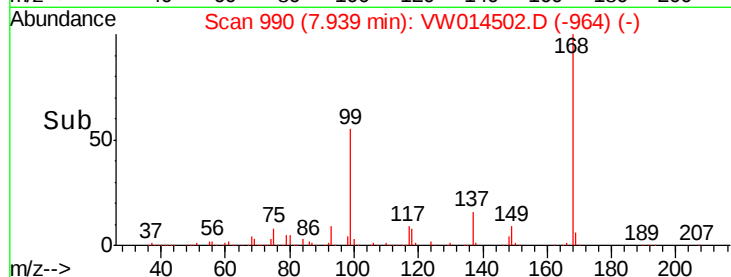
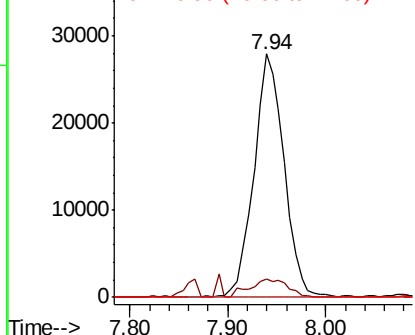
#36
 1,1-Dichloropropene
 Concen: 4.761 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014502.D
 Acq: 03 Jan 2020 16:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.8	53.5#
77	0.2	24.7	37.1#

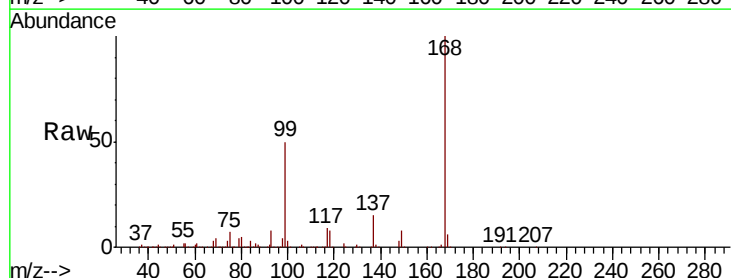


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

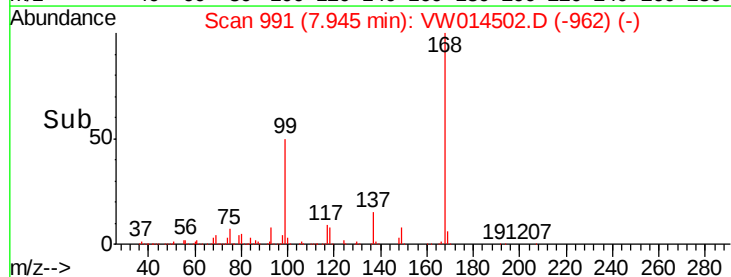
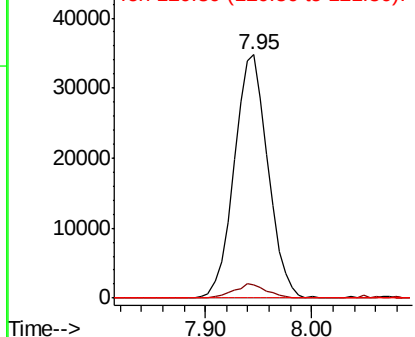


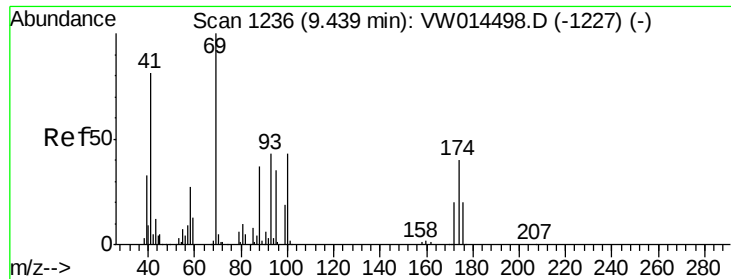
#38
 Carbon Tetrachloride
 Concen: 7.057 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014502.D
 Acq: 03 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	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

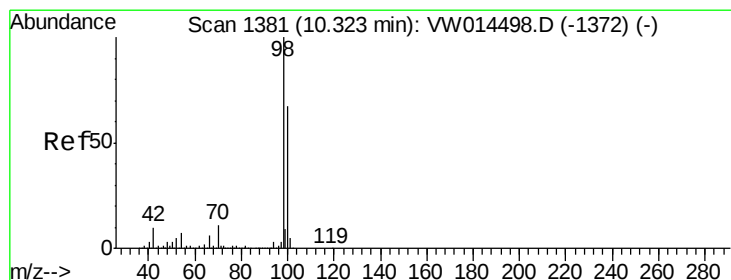
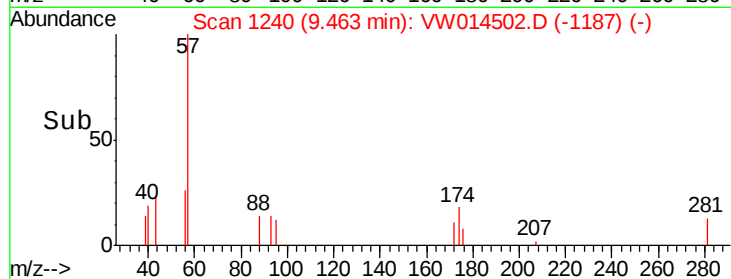
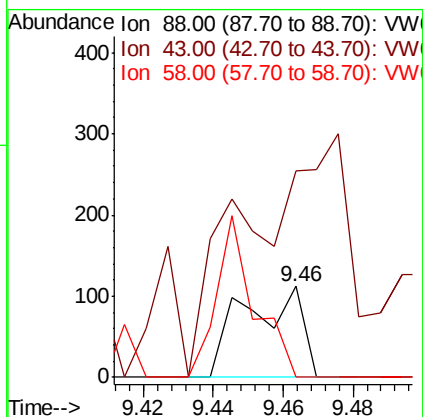
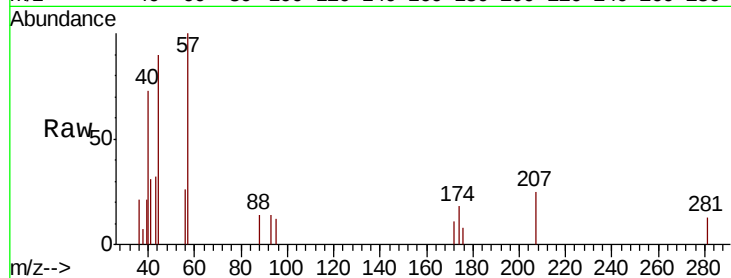




#49
1,4-Dioxane
Concen: 1.609 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

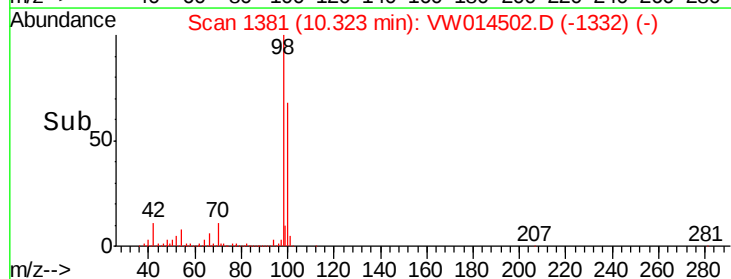
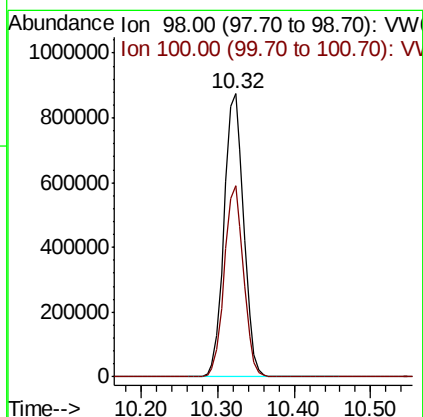
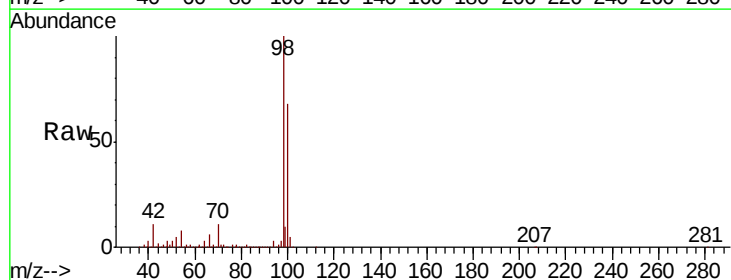
Instrument :
MSVOA_W
ClientSampled :

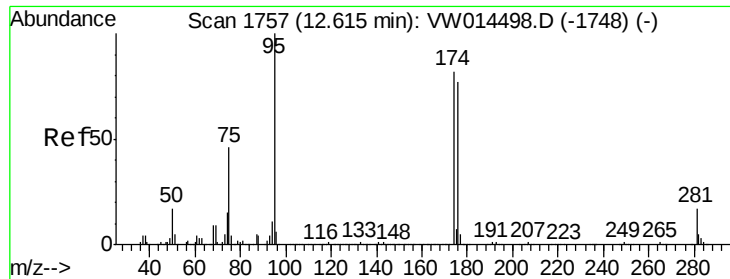
Tot Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 271.5 24.9 37.3#
58 0.0 56.9 85.3#



#50
Toluene-d8
Concen: 49.657 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Tgt Ion: 98 Resp: 1548472
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 47.421 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014502.D

Acq: 03 Jan 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

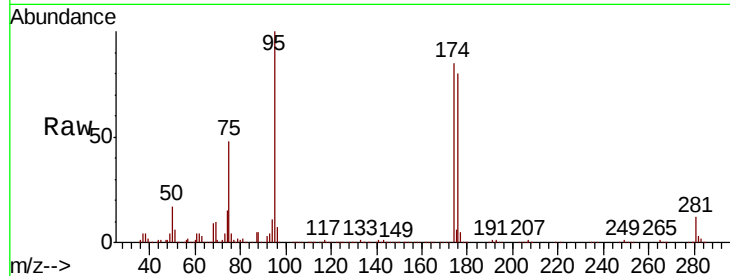
Tot Ion: 95 Resp: 501580

Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.6

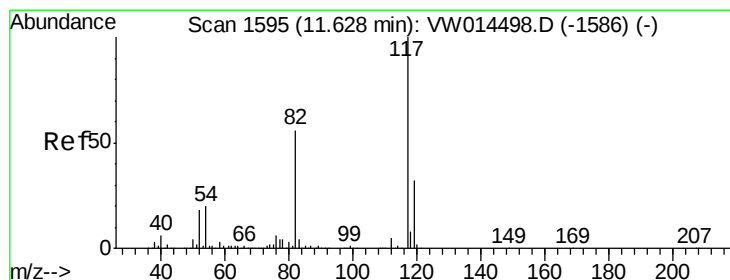
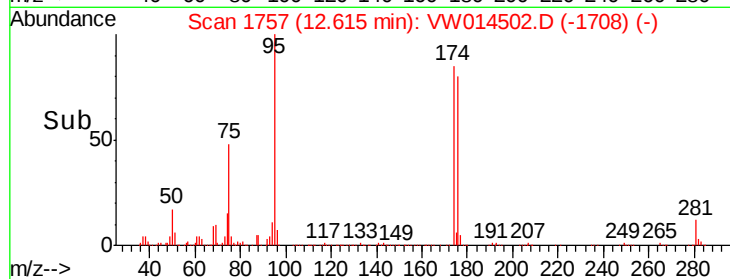
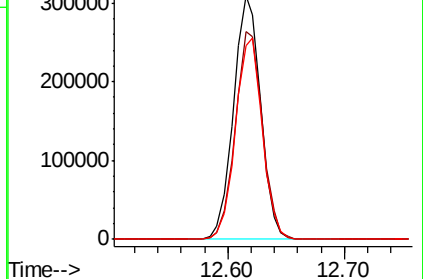
176 82.0 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW014498.D (-1748) (-)

Ion 173.80 (173.50 to 174.50): VW014498.D (-1748) (-)

Ion 175.80 (175.50 to 176.50): VW014498.D (-1748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014502.D

Acq: 03 Jan 2020 16:53

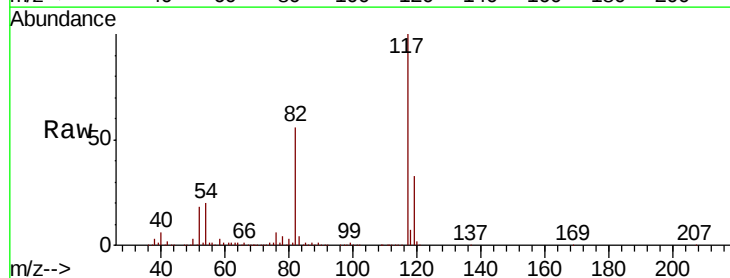
Tgt Ion: 117 Resp: 1097342

Ion Ratio Lower Upper

117 100

82 55.9 44.6 67.0

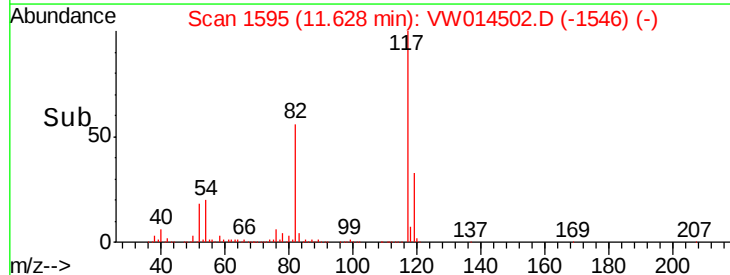
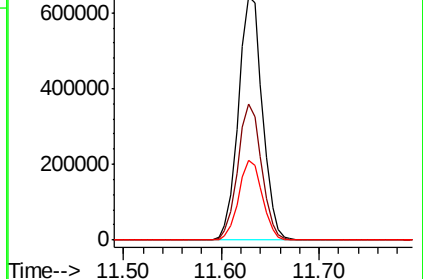
119 32.7 25.7 38.5

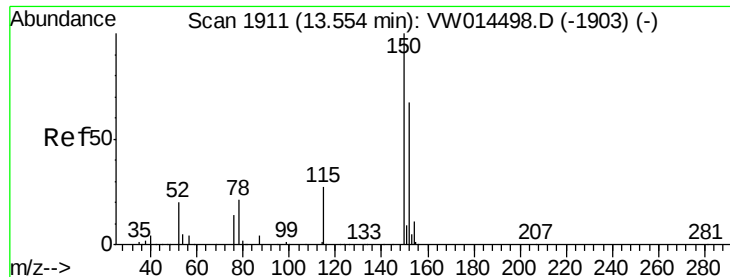


Abundance Ion 116.90 (116.60 to 117.60): VW014498.D (-1586) (-)

Ion 82.00 (81.70 to 82.70): VW014498.D (-1586) (-)

Ion 118.90 (118.60 to 119.60): VW014498.D (-1586) (-)



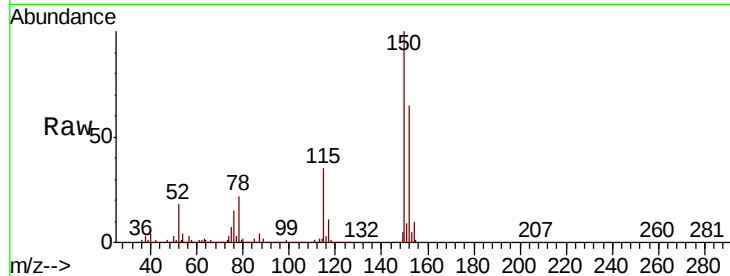


#72

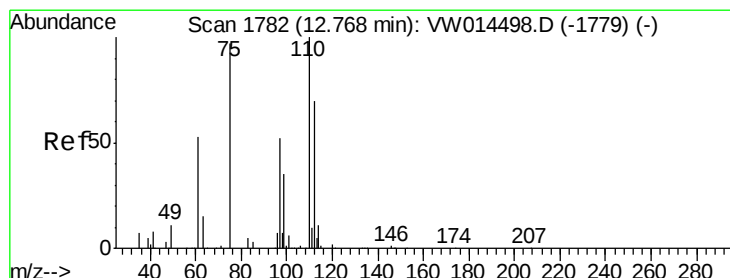
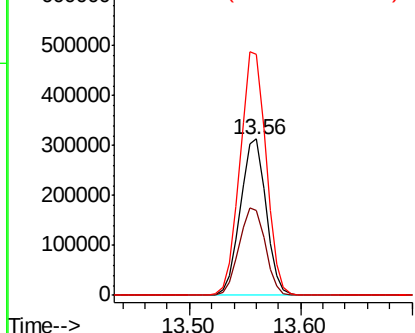
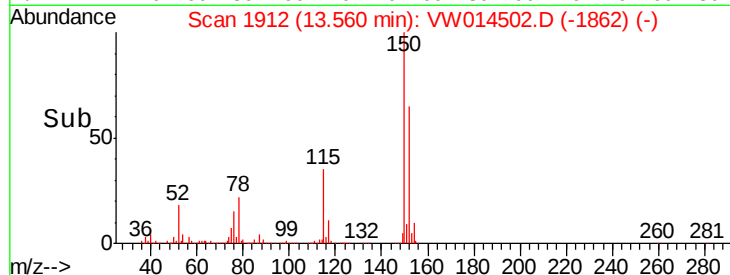
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.7	83.1
150	158.0	0.0	343.4



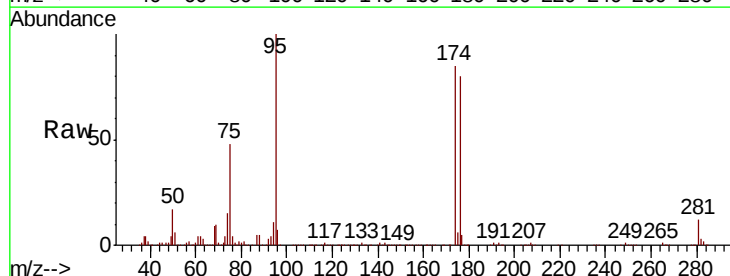
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



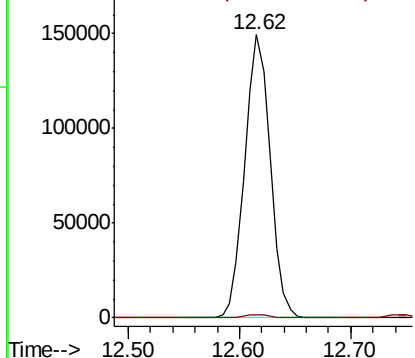
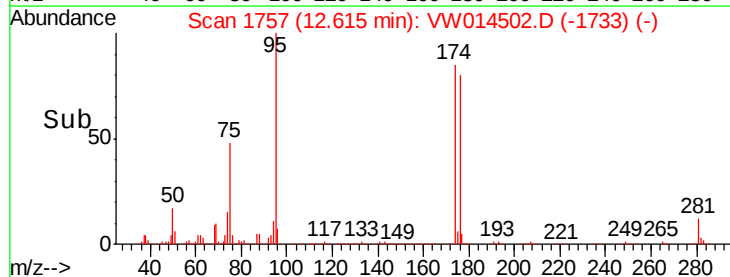
#76

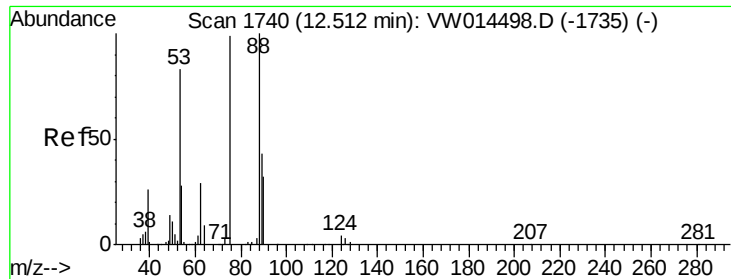
1,2,3-Trichloropropane
Concen: 50.201 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014502.D
Acq: 03 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 111.849 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014502.D

Acq: 03 Jan 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

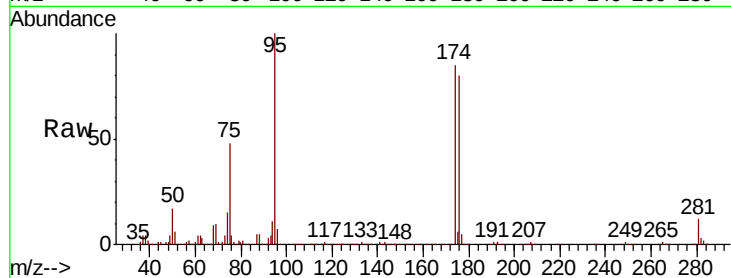
Tot Ion: 75 Resp: 238531

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.2 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

