

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014573.D
 Acq On : 09 Jan 2020 11:05
 Operator : SY/VA
 Sample : VW0109SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 12:49:06 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	649561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	992594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	866504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	409490	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	276416	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	7.88	113	271299	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	10.32	98	1096173	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.62	95	359737	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	

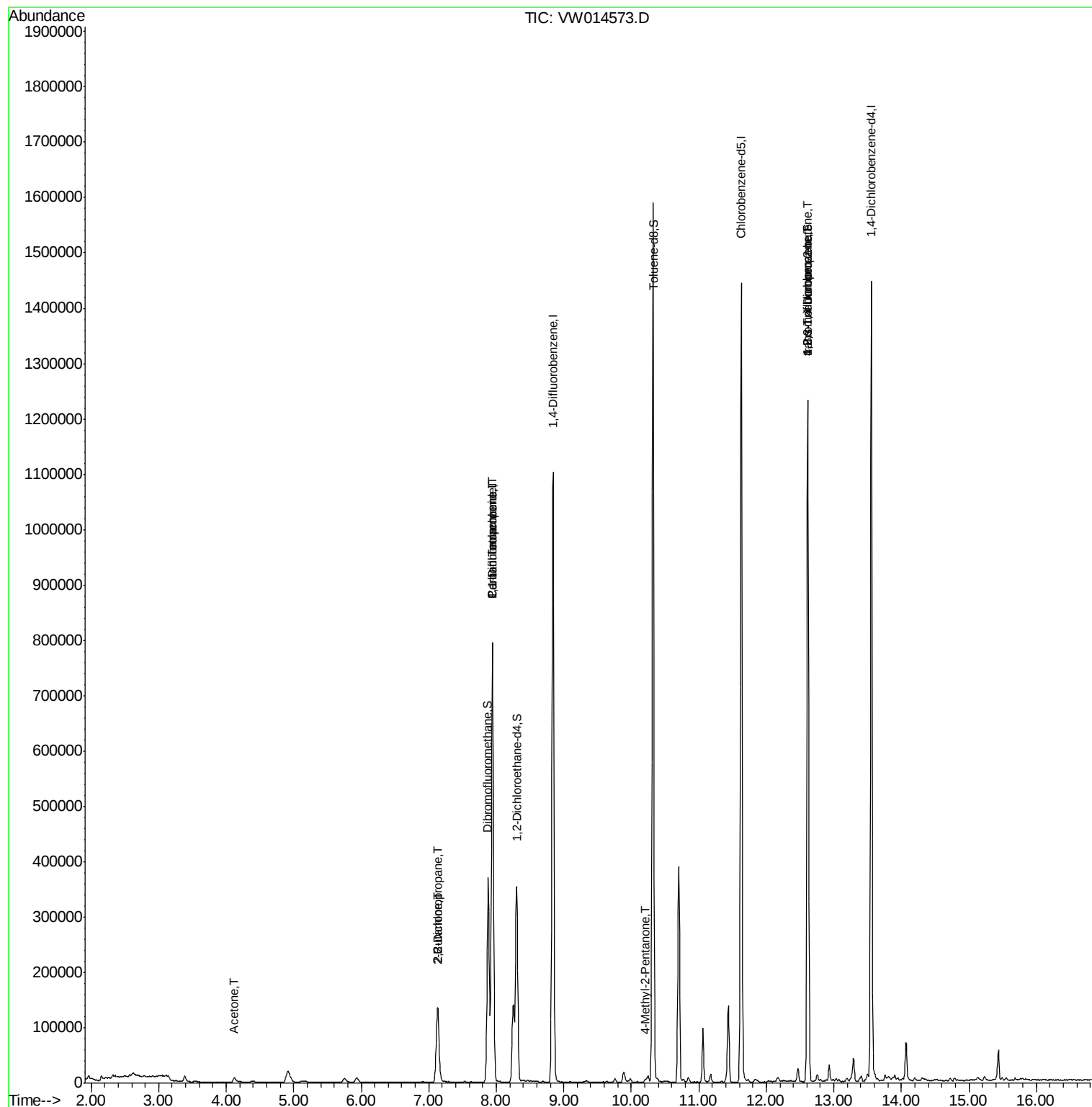
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	2125	Below Cal	#	73
16) Acetone	4.12	43	16031	9.997	ug/l	93
20) Methylene Chloride	4.92	84	17432	Below Cal		94
25) 2-Butanone	7.14	43	7207	3.502	ug/l #	83
26) 2,2-Dichloropropane	7.13	77	9673	1.498	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	44703	4.672	ug/l #	49
38) Carbon Tetrachloride	7.95	117	56414	6.795	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	5909	1.444	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	170009	43.911	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	170009	97.836	ug/l #	14

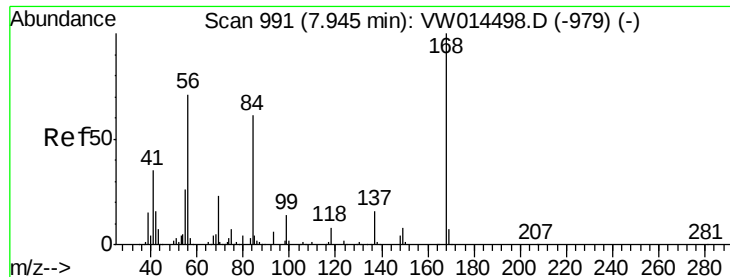
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014573.D
Acq On : 09 Jan 2020 11:05
Operator : SY/VA
Sample : VW0109SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 09 12:49:06 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: VW014573.D

Acq: 09 Jan 2020 11:05

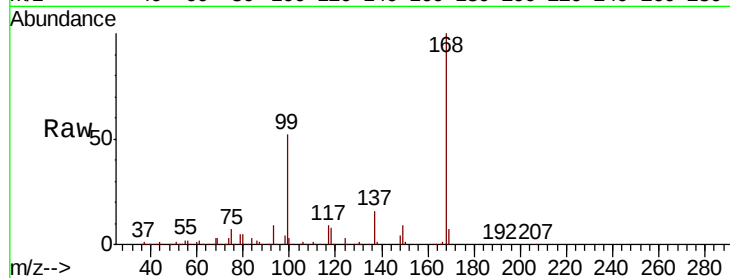
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 649561

Ion Ratio Lower Upper

168 100

99 52.1 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

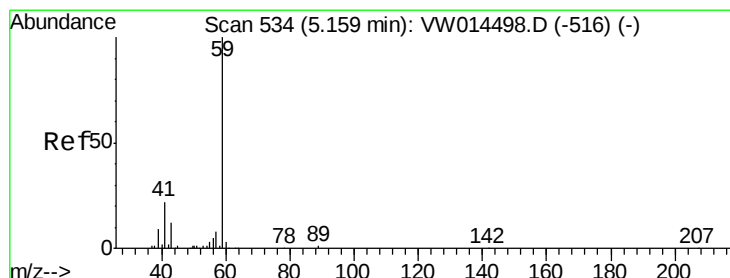
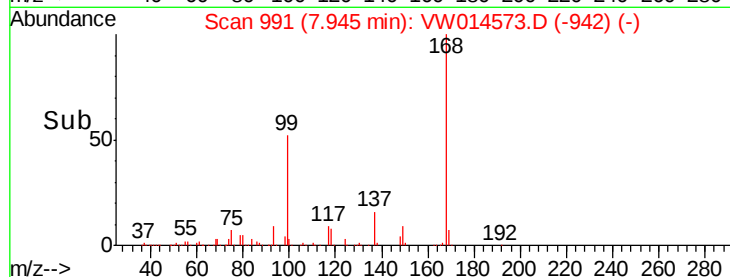
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014573.D

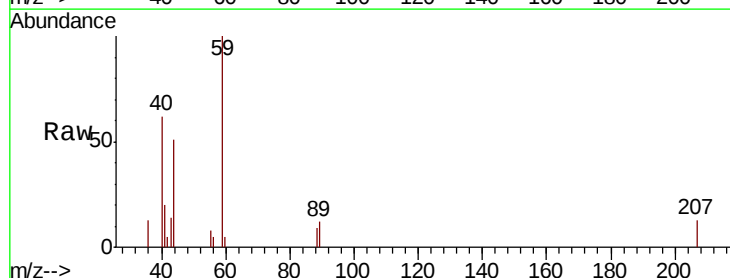
Acq: 09 Jan 2020 11:05

Tgt Ion: 59 Resp: 2125

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

1200

1000

800

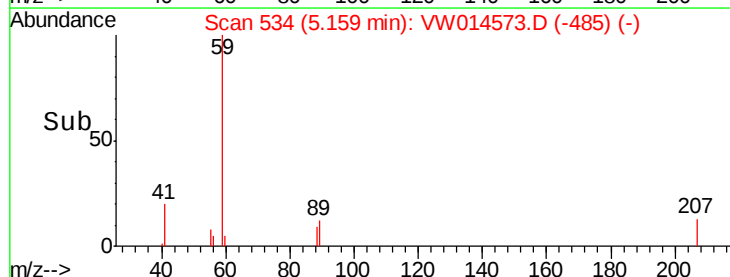
600

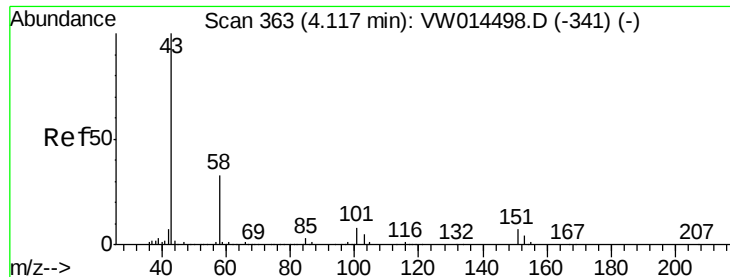
400

200

0

Time-->





#16

Acetone

Concen: 9.997 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014573.D

Acq: 09 Jan 2020 11:05

Instrument :

MSVOA_W

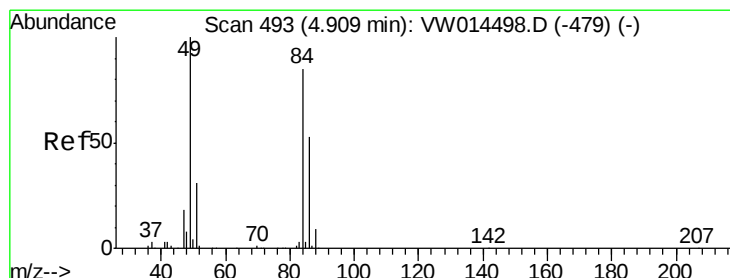
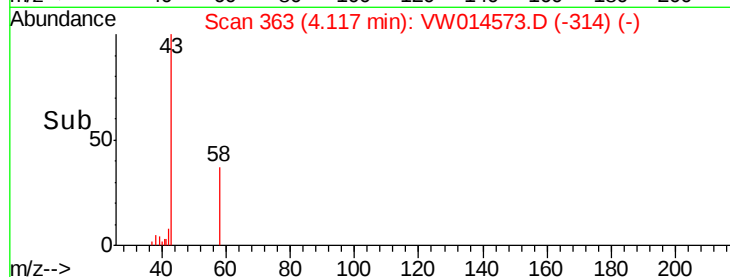
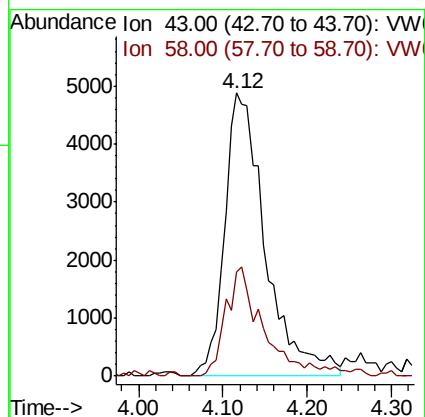
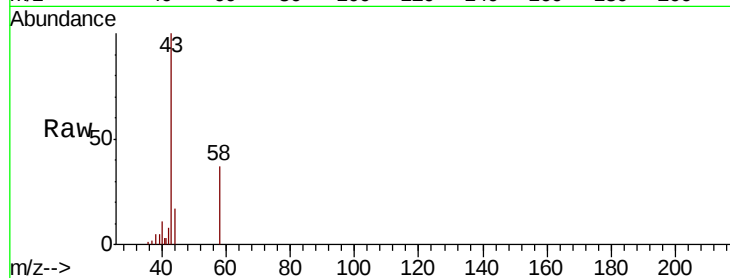
ClientSampled :

Tot Ion: 43 Resp: 16031

Ion Ratio Lower Upper

43 100

58 36.9 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014573.D

Acq: 09 Jan 2020 11:05

Tgt Ion: 84 Resp: 17432

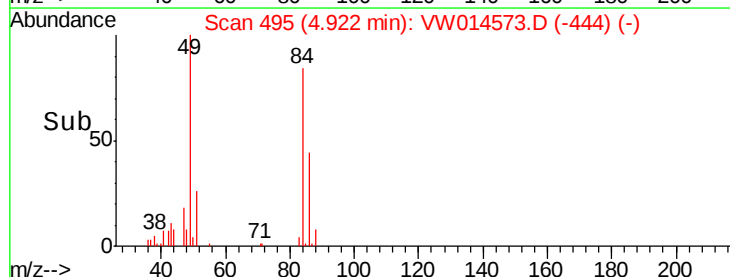
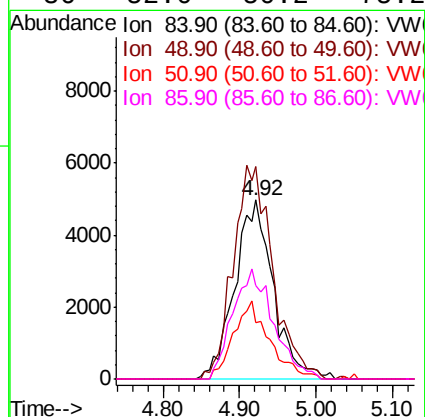
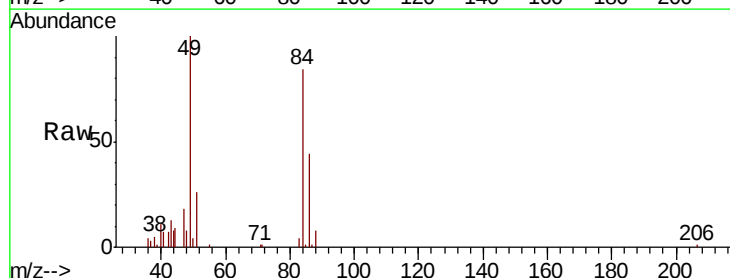
Ion Ratio Lower Upper

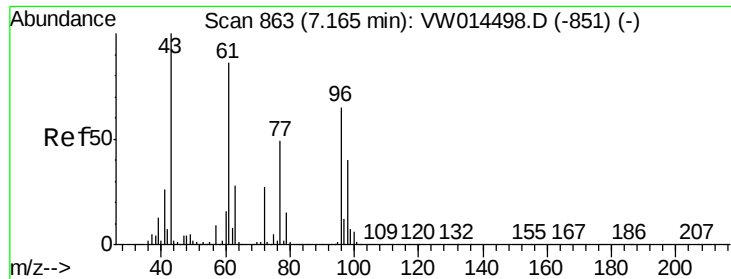
84 100

49 118.6 94.4 141.6

51 31.4 29.5 44.3

86 52.0 50.2 75.2





#25

2-Butanone

Concen: 3.502 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW014573.D

Acq: 09 Jan 2020 11:05

Instrument :

MSVOA_W

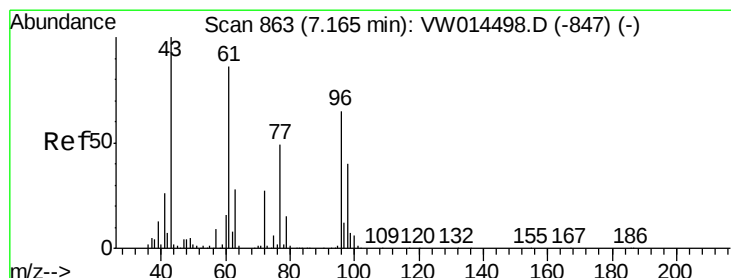
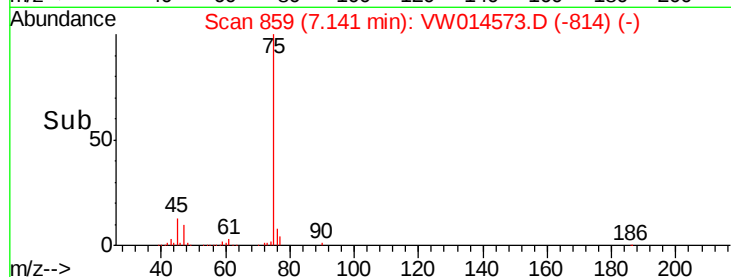
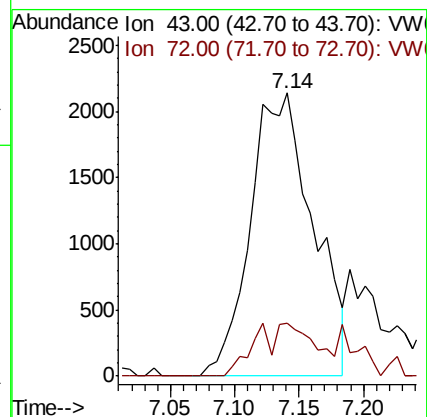
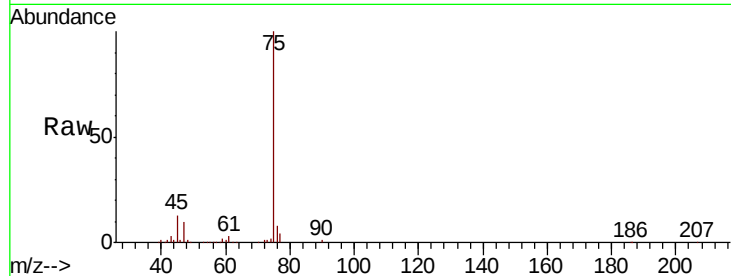
ClientSampleId :

Tot Ion: 43 Resp: 7207

Ion Ratio Lower Upper

43 100

72 18.8 21.9 32.9#



#26

2,2-Dichloropropane

Concen: 1.498 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014573.D

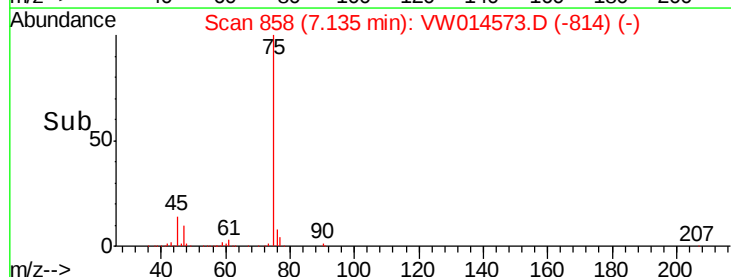
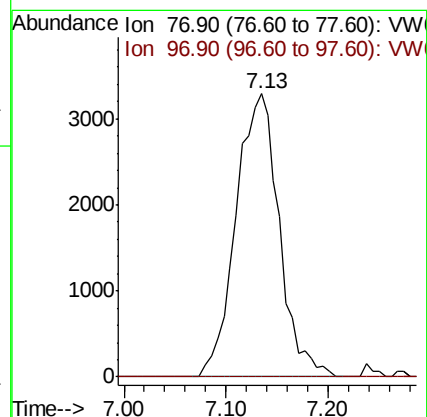
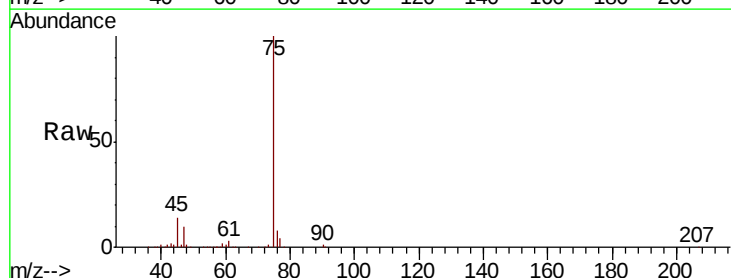
Acq: 09 Jan 2020 11:05

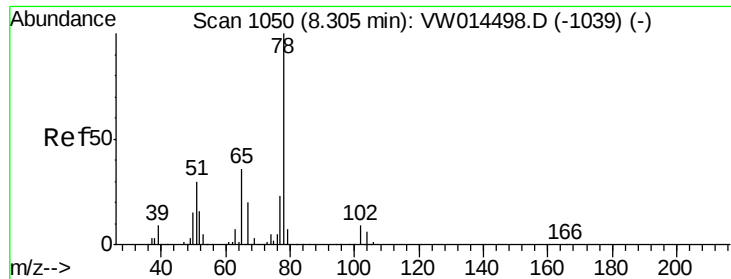
Tgt Ion: 77 Resp: 9673

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

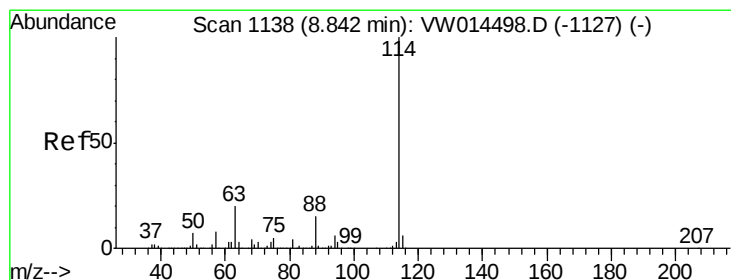
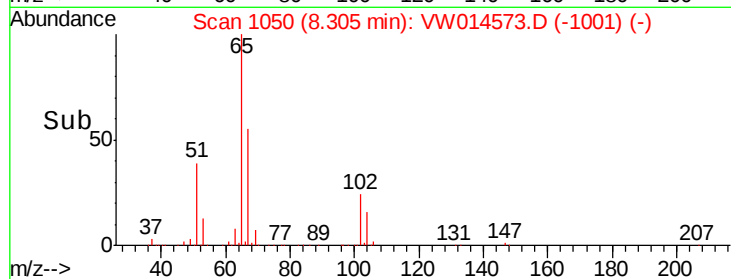
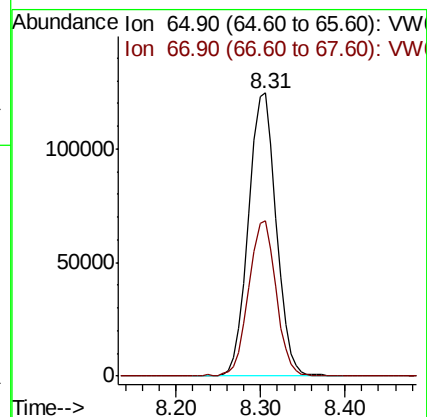
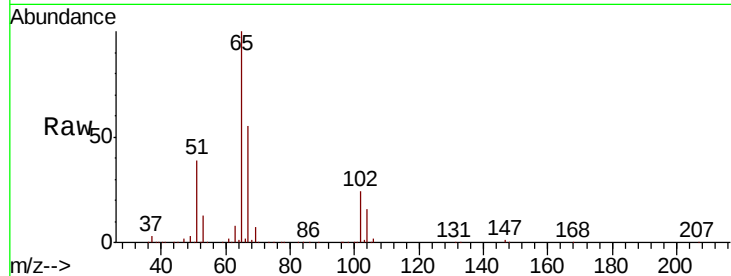




#33
 1,2-Dichloroethane-d4
 Concen: 48.672 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014573.D
 Acq: 09 Jan 2020 11:05

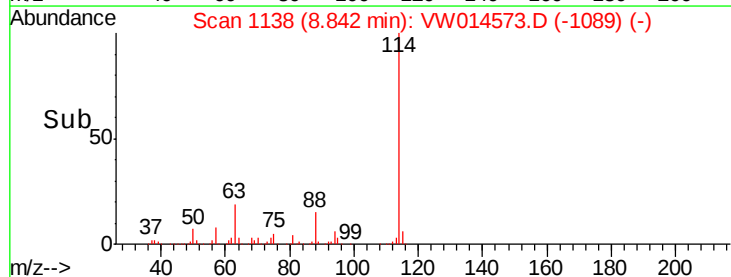
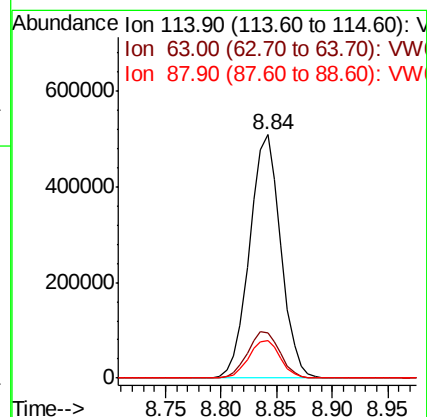
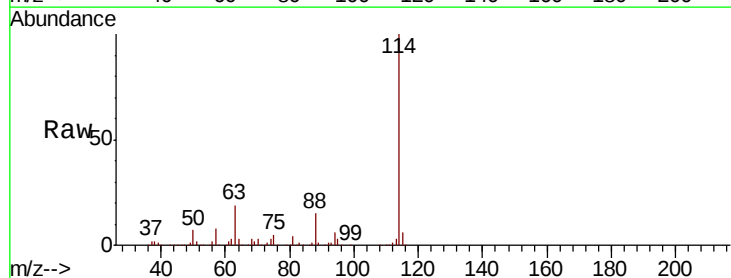
Instrument :
 MSVOA_W
 ClientSampleId :

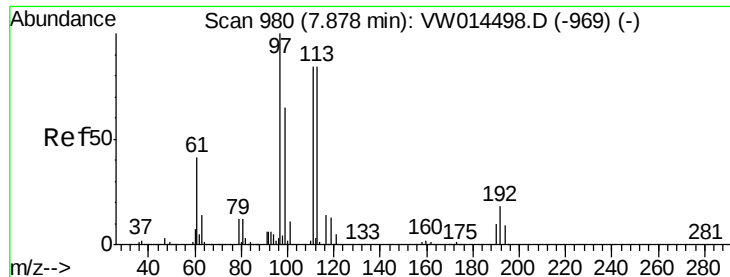
Tot Ion: 65 Resp: 276416
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014573.D
 Acq: 09 Jan 2020 11:05

Tgt Ion: 114 Resp: 992594
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.4
 88 15.2 0.0 30.6

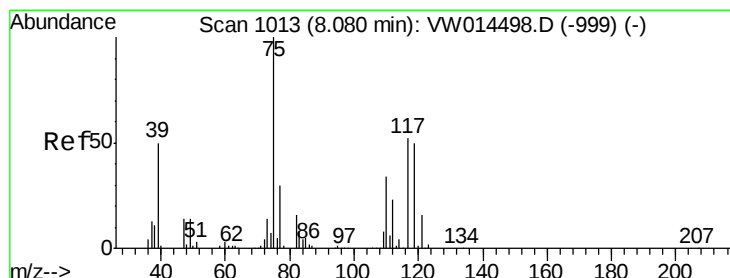
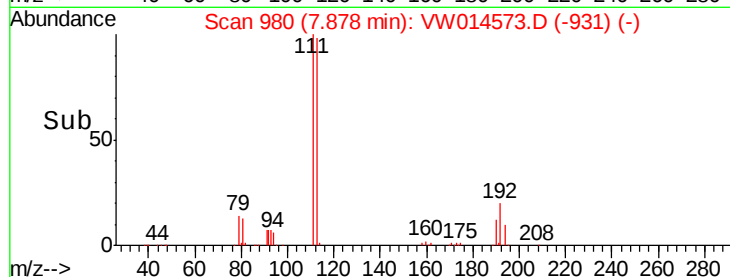
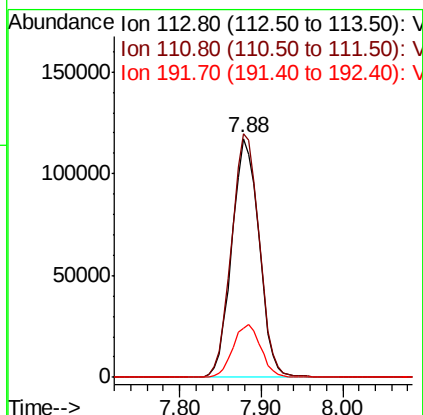
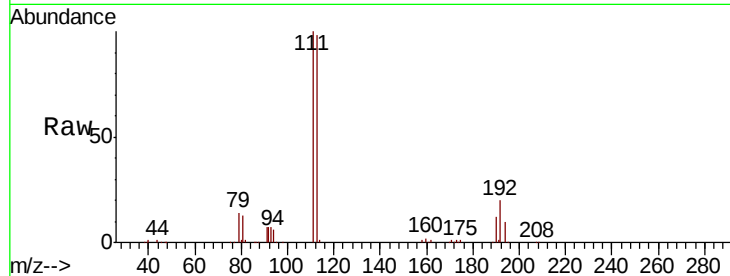




#35
 Dibromofluoromethane
 Concen: 47.824 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014573.D
 Acq: 09 Jan 2020 11:05

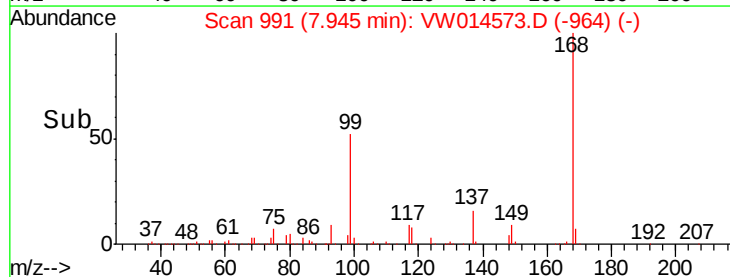
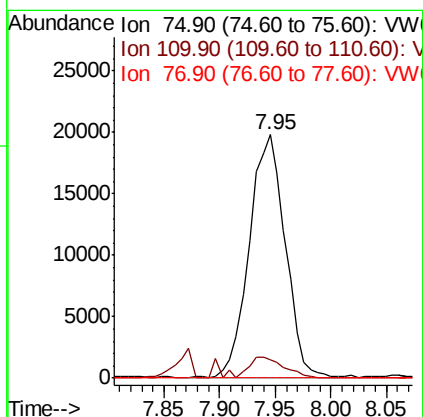
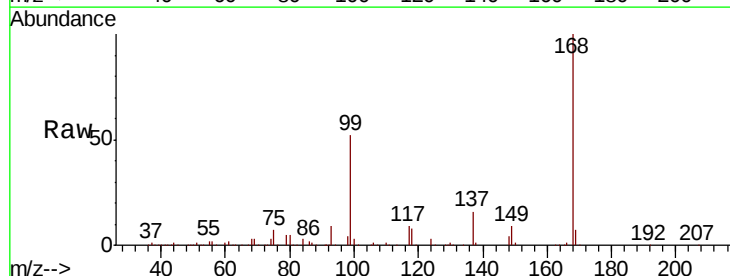
Instrument :
 MSVOA_W
 ClientSampleId :

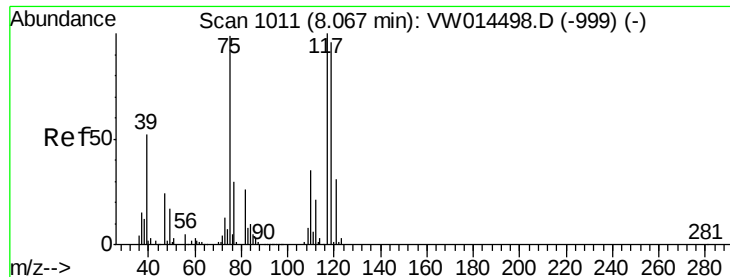
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	22.5	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.672 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014573.D
 Acq: 09 Jan 2020 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.5#
77	0.0	24.7	37.1#

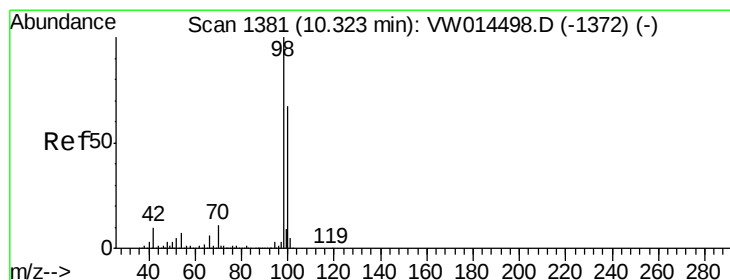
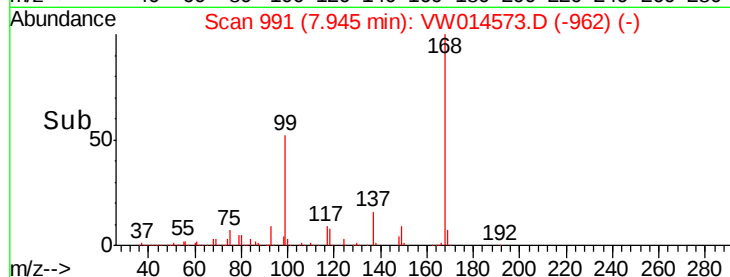
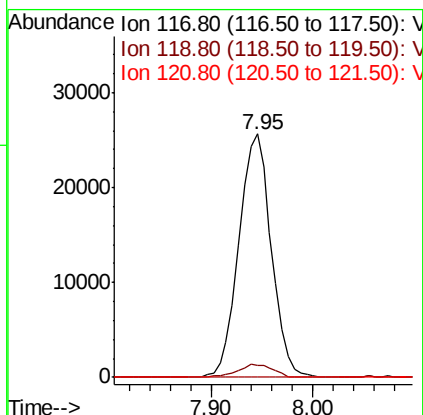
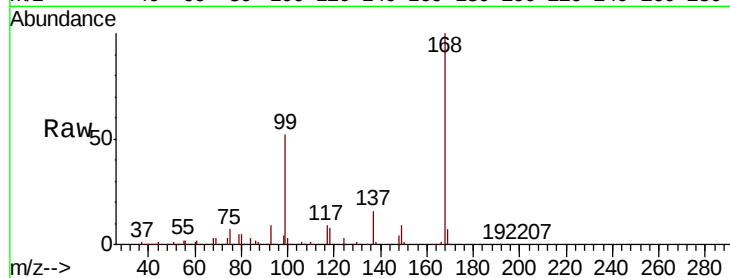




#38
Carbon Tetrachloride
Concen: 6.795 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

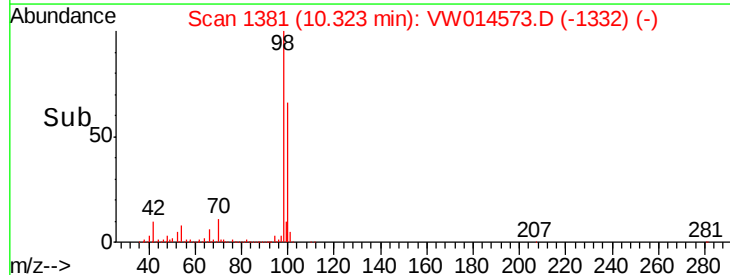
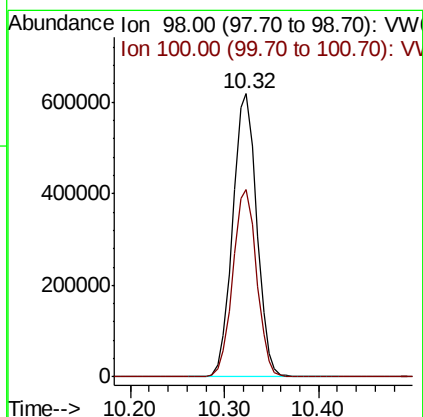
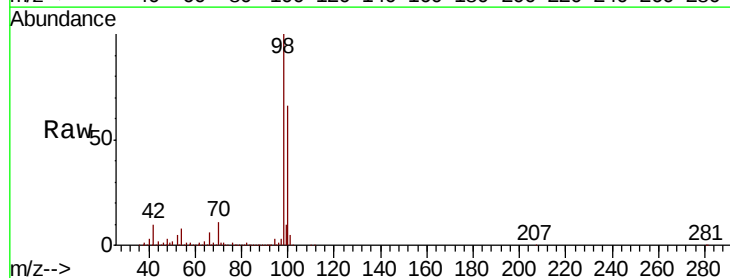
Instrument :
MSVOA_W
ClientSampleId :

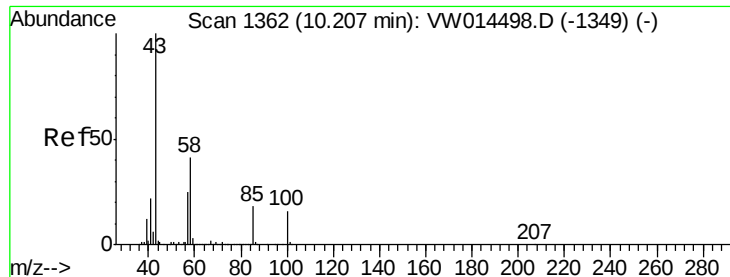
Tot Ion:117 Resp: 56414
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 46.302 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

Tgt Ion: 98 Resp: 1096173
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 1.444 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW014573.D

Acq: 09 Jan 2020 11:05

Instrument :

MSVOA_W

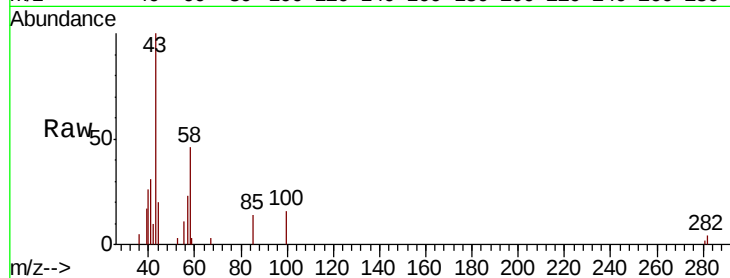
ClientSampleId :

Tot Ion: 43 Resp: 5909

Ion Ratio Lower Upper

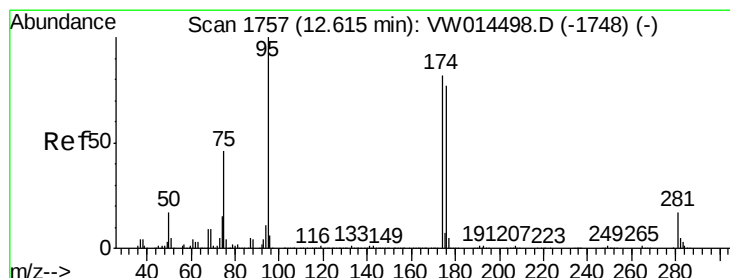
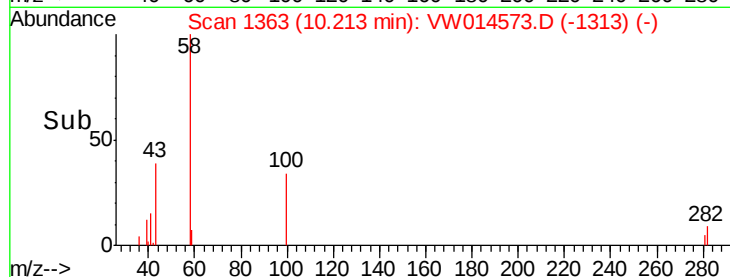
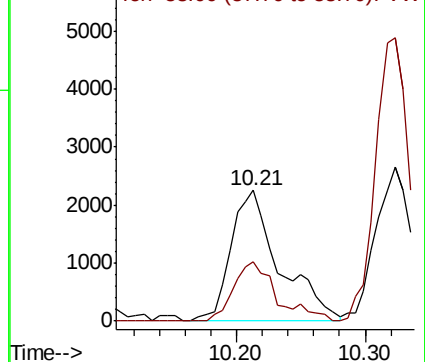
43 100

58 40.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 44.799 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014573.D

Acq: 09 Jan 2020 11:05

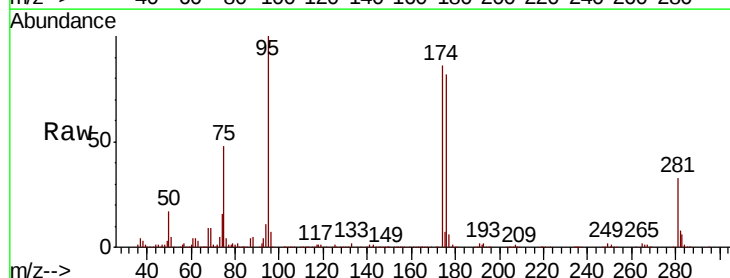
Tgt Ion: 95 Resp: 359737

Ion Ratio Lower Upper

95 100

174 86.9 0.0 168.6

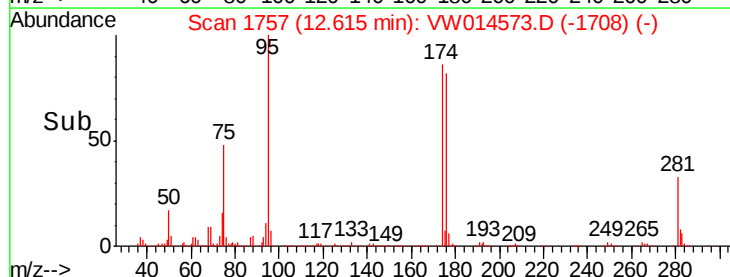
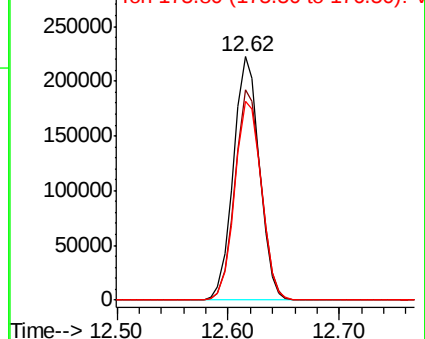
176 83.8 0.0 162.0

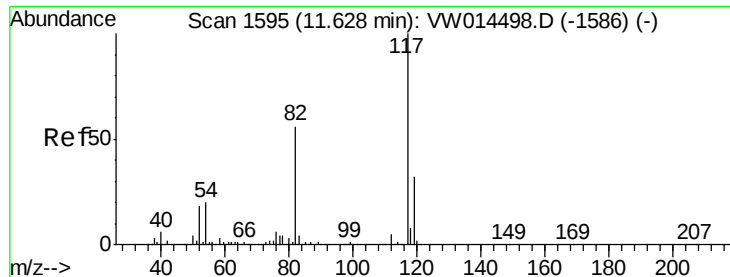


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

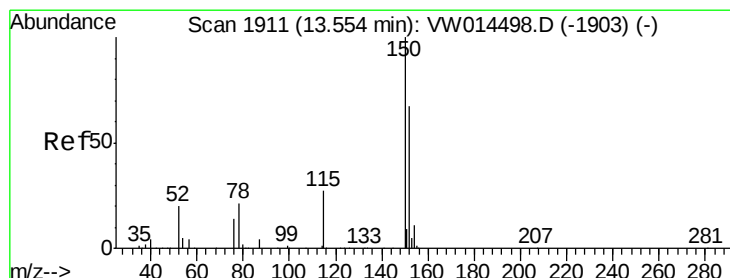
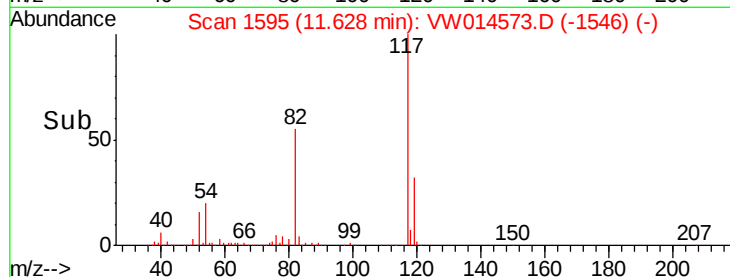
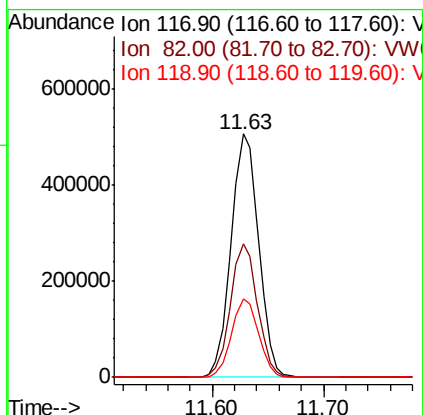
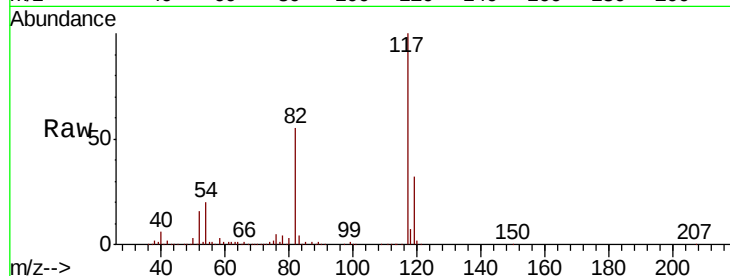




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

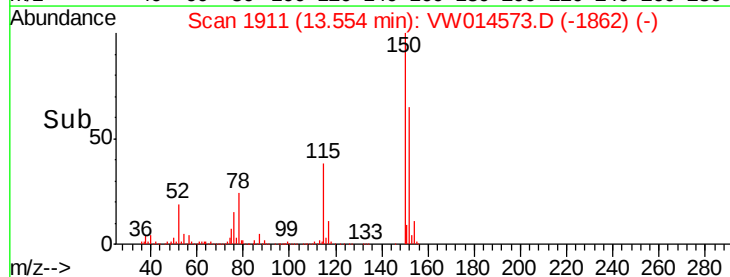
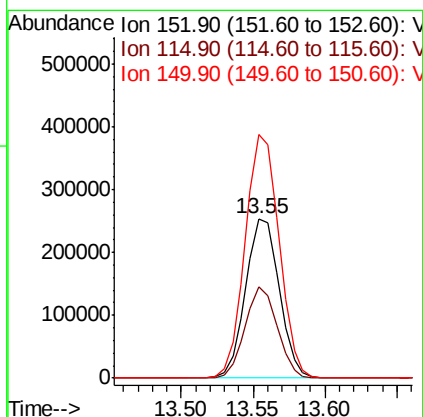
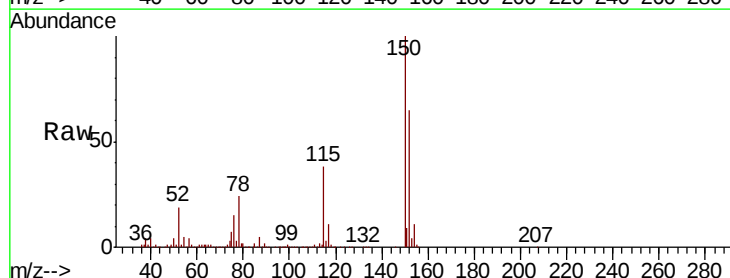
Instrument :
MSVOA_W
ClientSampleId :

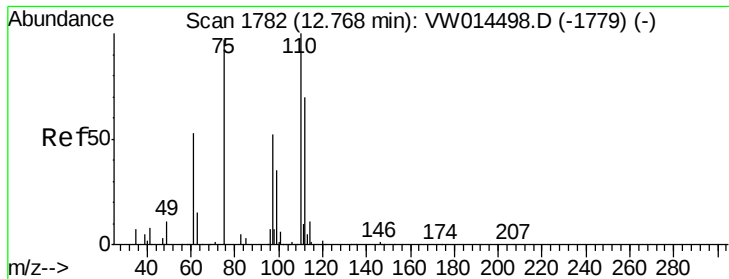
Tot Ion:117 Resp: 866504
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

Tgt Ion:152 Resp: 409490
Ion Ratio Lower Upper
152 100
115 55.3 27.7 83.1
150 154.2 0.0 343.4



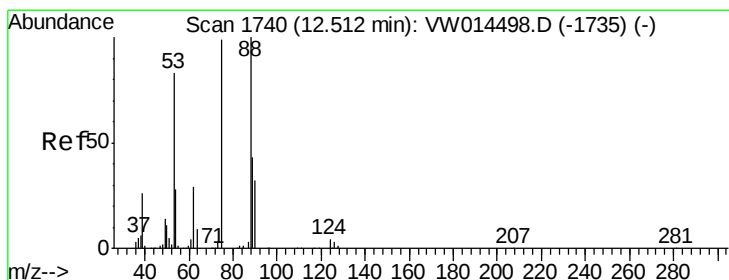
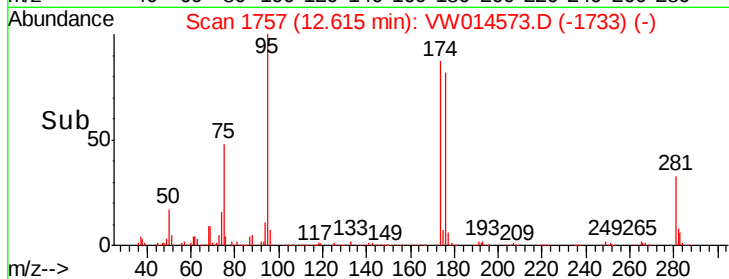
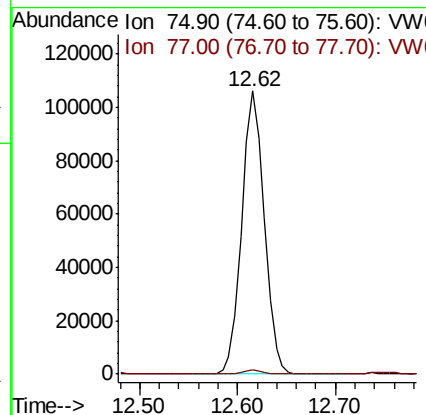
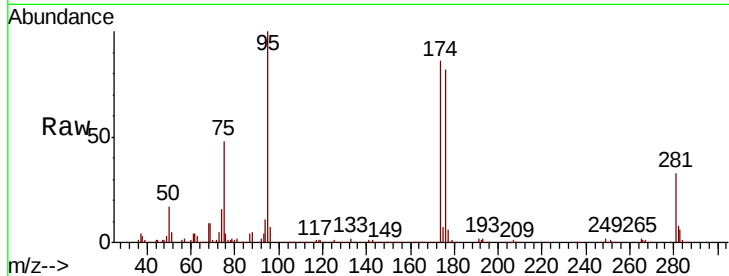


#76

1,2,3-Trichloropropane
Concen: 43.911 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 170009
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 97.836 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014573.D
Acq: 09 Jan 2020 11:05

Tgt Ion: 75 Resp: 170009
Ion Ratio Lower Upper
75 100
53 0.0 70.9 106.3#
89 0.0 35.8 53.8#

