

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014531.D
 Acq On : 06 Jan 2020 18:33
 Operator : SY/VA
 Sample : K6476-05
 Misc : 10.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 07 02:42:57 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	224144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81734	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	129694	66.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.36%	
35) Dibromofluoromethane	7.88	113	123546	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
50) Toluene-d8	10.32	98	417418	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.62	95	104870	36.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.00%	

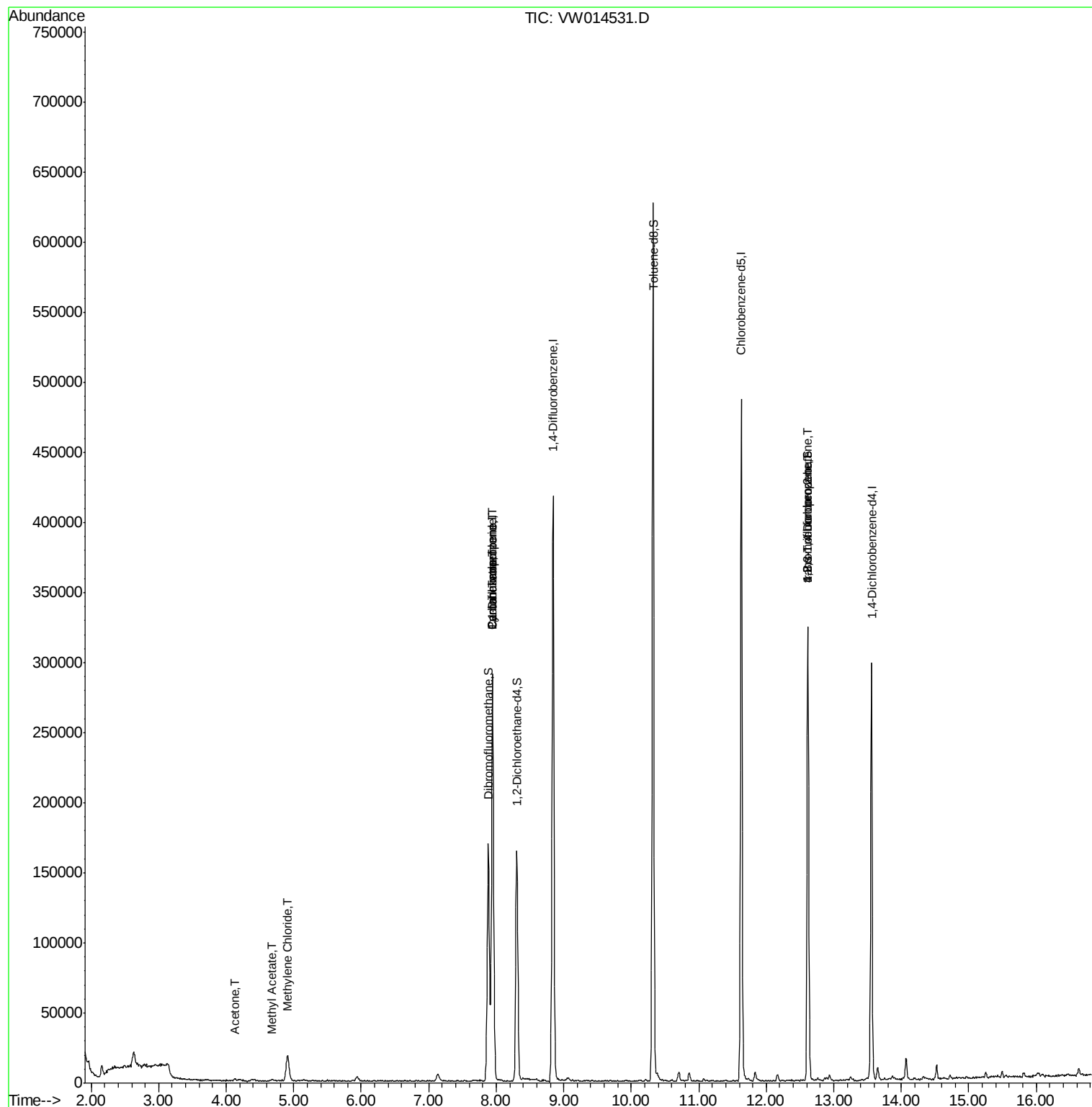
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	373	Below Cal	#	73
16) Acetone	4.13	43	2629	4.751	ug/l #	83
18) Methyl Acetate	4.68	43	2552	1.910	ug/l #	89
20) Methylene Chloride	4.91	84	13683	1.754	ug/l	94
31) Cyclohexane	7.95	56	4393	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16930	4.945	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20772	6.994	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	51249	66.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51249	147.758	ug/l #	14

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

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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: VW014531.D

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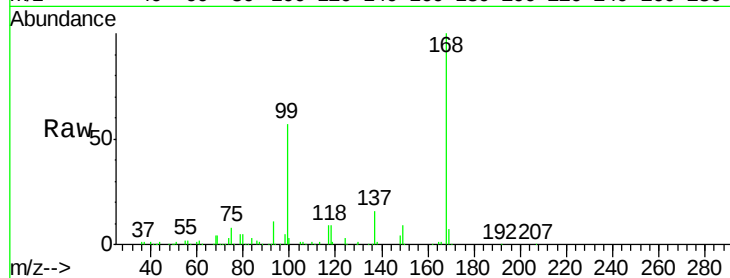
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 168 Resp: 224144

Ion Ratio Lower Upper

168 100

99 57.5 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

100000

80000

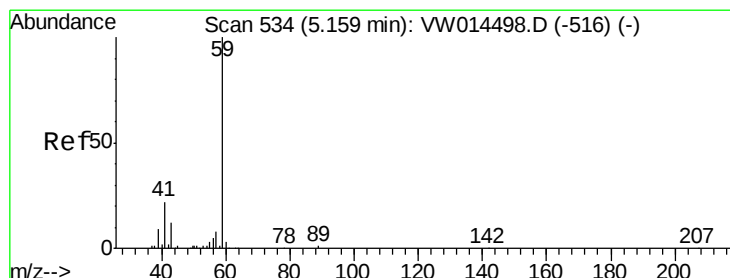
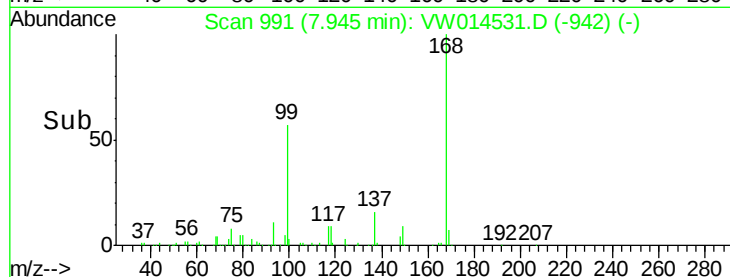
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014531.D

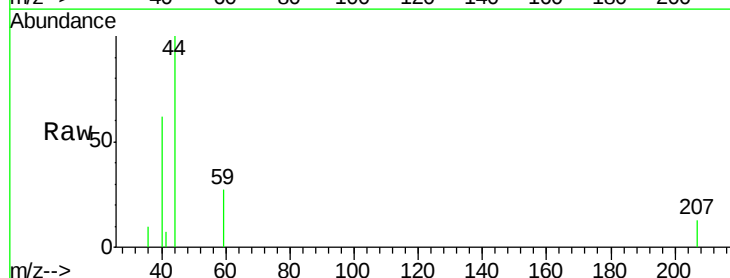
Acq: 06 Jan 2020 18:33

Tgt Ion: 59 Resp: 373

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

5.16

300

250

200

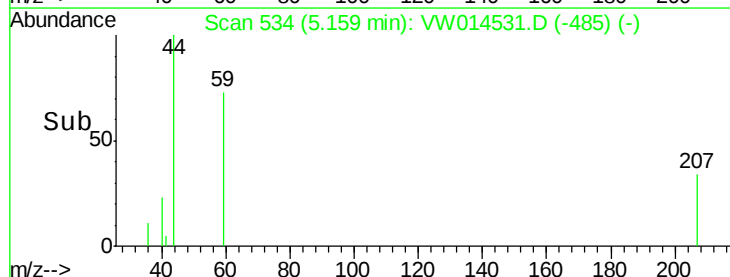
150

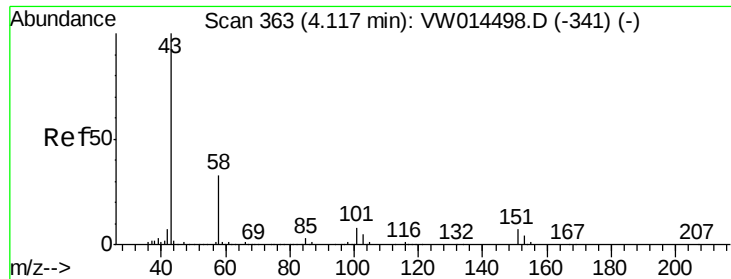
100

50

0

Time--> 5.12 5.14 5.16 5.18 5.20





#16

Acetone

Concen: 4.751 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014531.D

Acq: 06 Jan 2020 18:33

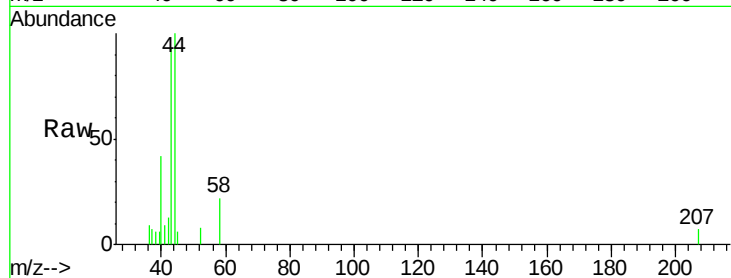
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43 Resp: 2629

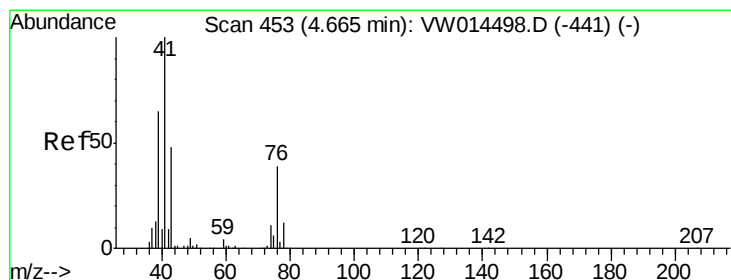
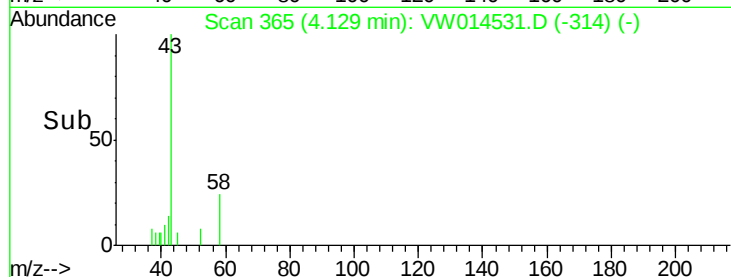
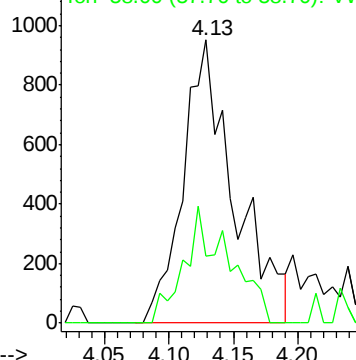
Ion Ratio Lower Upper

43 100

58 23.6 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.910 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW014531.D

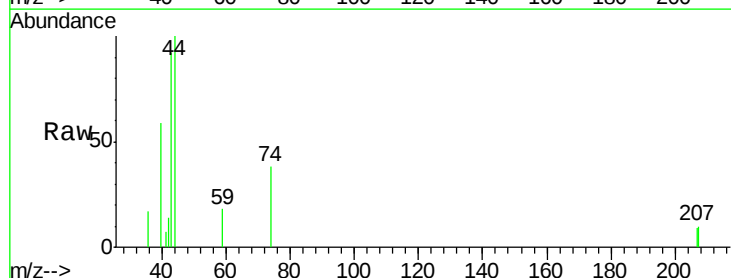
Acq: 06 Jan 2020 18:33

Tgt Ion: 43 Resp: 2552

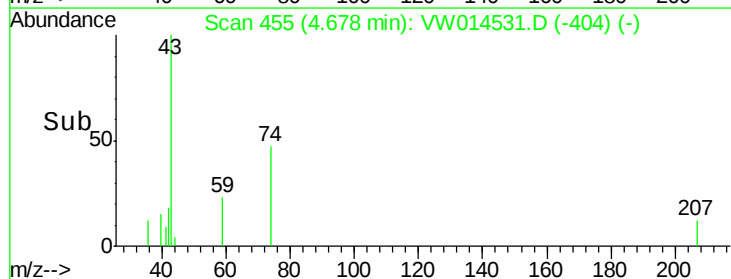
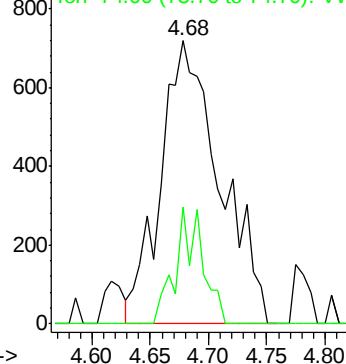
Ion Ratio Lower Upper

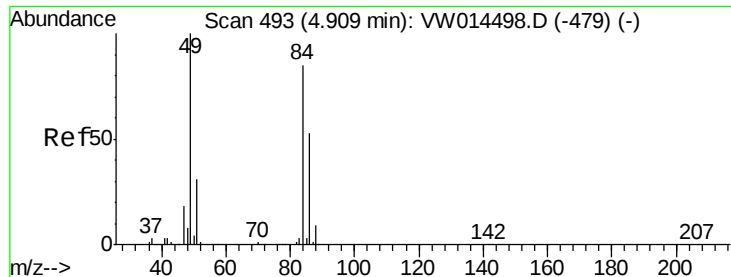
43 100

74 18.6 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

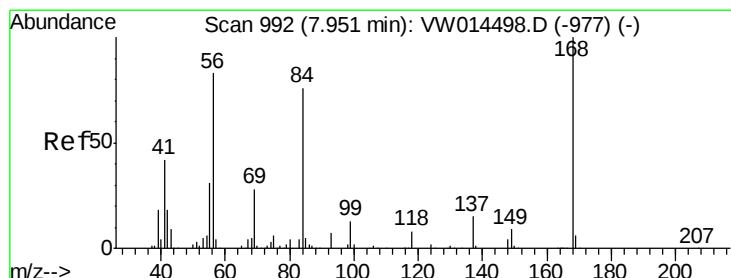
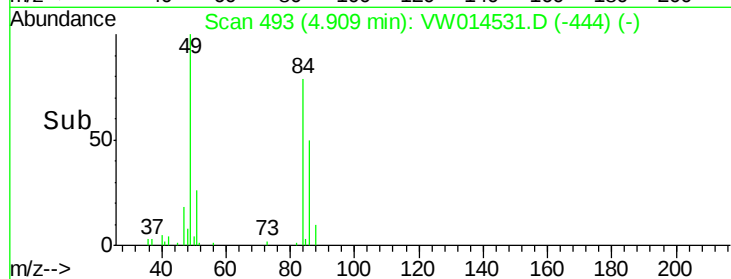
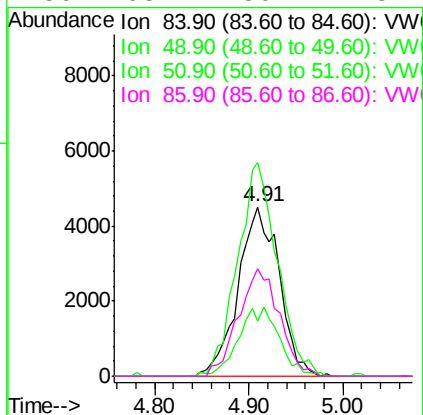
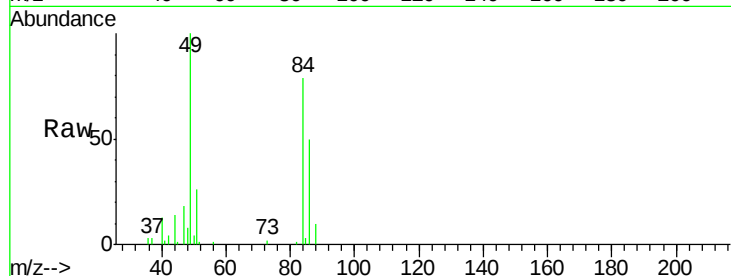




#20
Methylene Chloride
Concen: 1.754 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

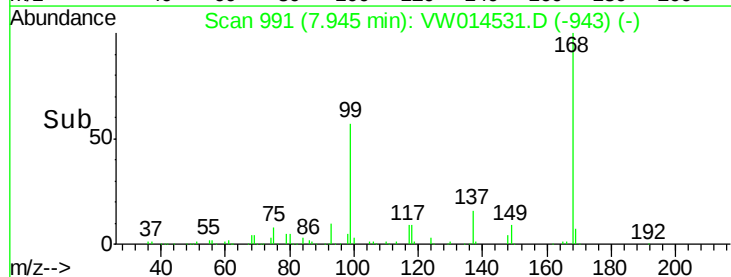
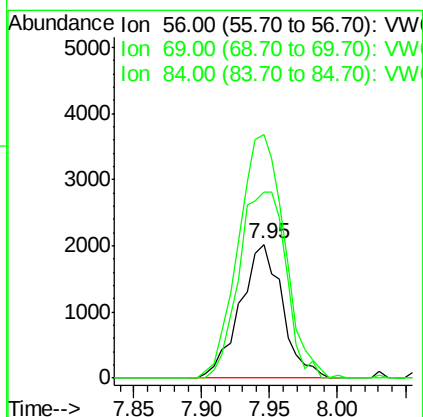
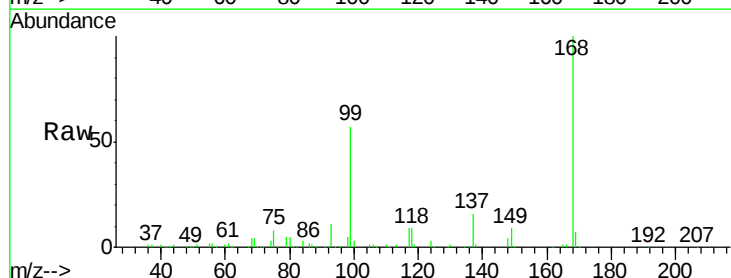
Instrument :
MSVOA_W
ClientSampled :

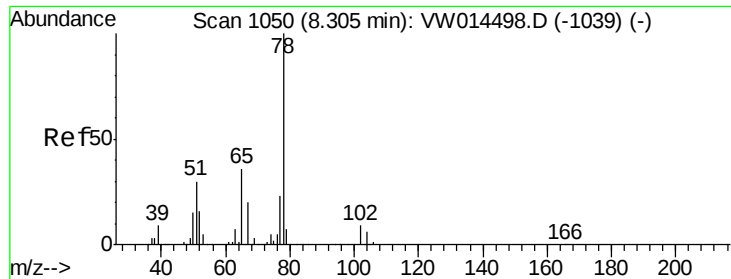
Tgt Ion:	84	Resp:	13683
Ion	Ratio	Lower	Upper
84	100		
49	126.3	94.4	141.6
51	32.3	29.5	44.3
86	63.7	50.2	75.2



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

Tgt Ion:	56	Resp:	4393
Ion	Ratio	Lower	Upper
56	100		
69	182.0	26.8	40.2#
84	138.8	71.8	107.6#

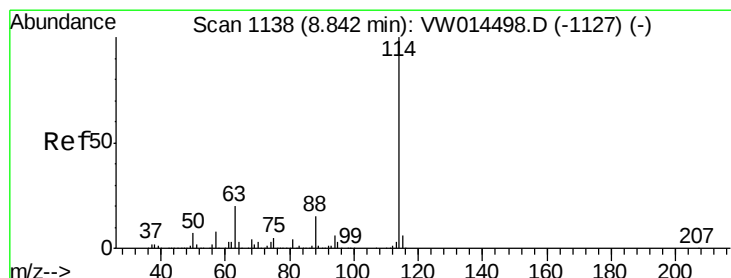
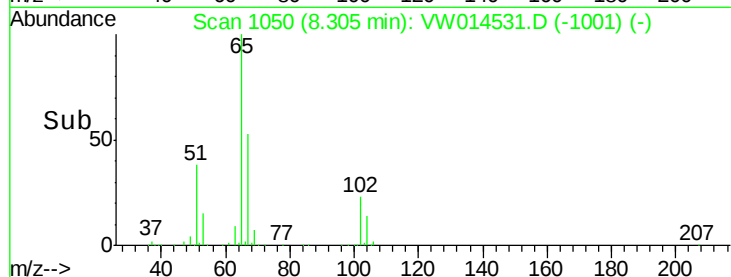
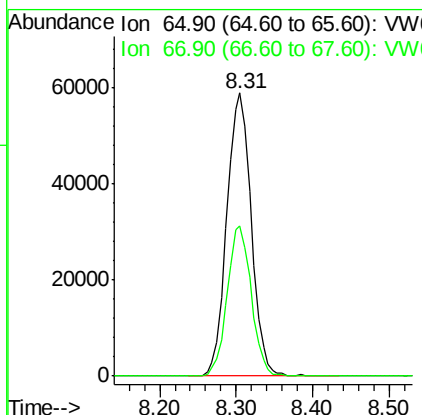
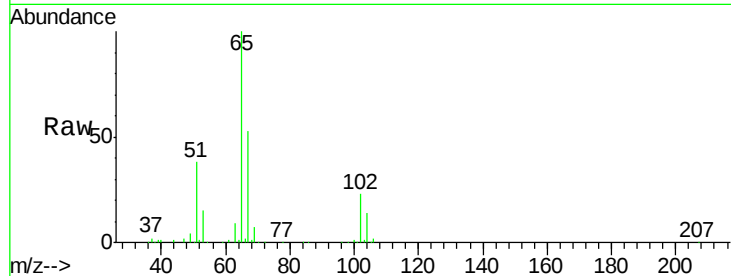




#33
 1,2-Dichloroethane-d4
 Concen: 66.180 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014531.D
 Acq: 06 Jan 2020 18:33

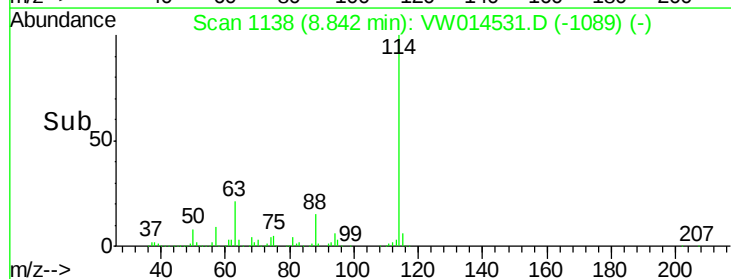
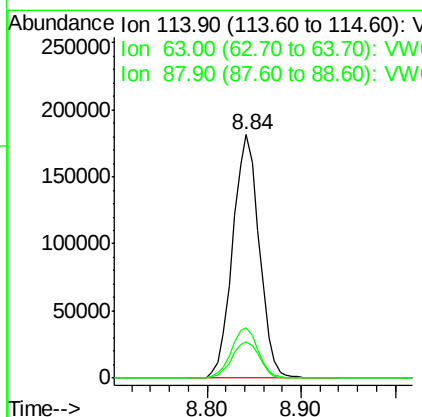
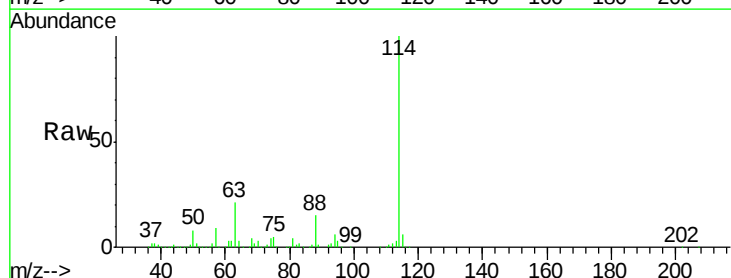
Instrument :
 MSVOA_W
 ClientSampleId :

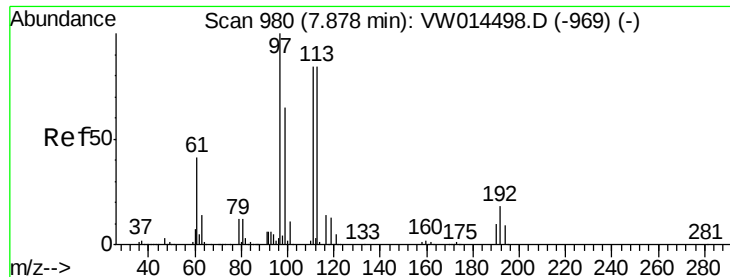
Tgt Ion: 65 Resp: 129694
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014531.D
 Acq: 06 Jan 2020 18:33

Tgt Ion: 114 Resp: 355115
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.4
 88 15.1 0.0 30.6

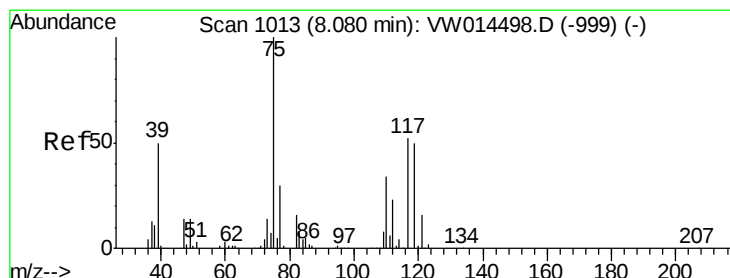
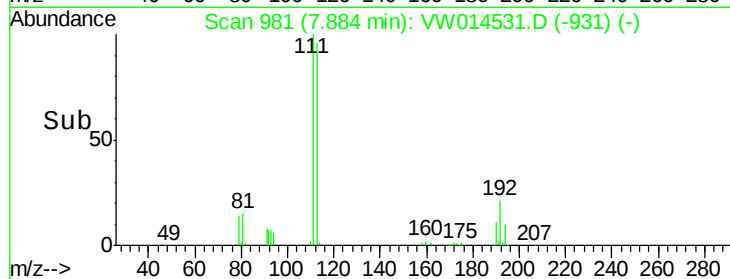
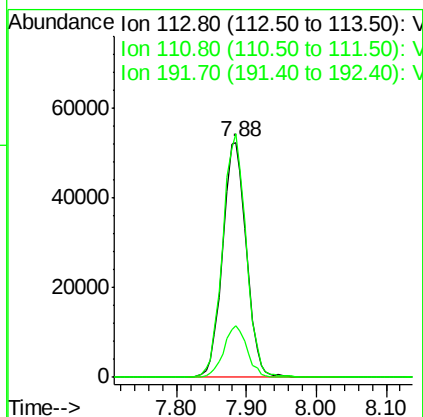
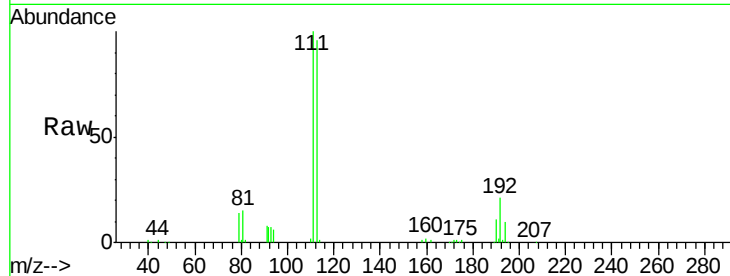




#35
 Dibromofluoromethane
 Concen: 60.874 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014531.D
 Acq: 06 Jan 2020 18:33

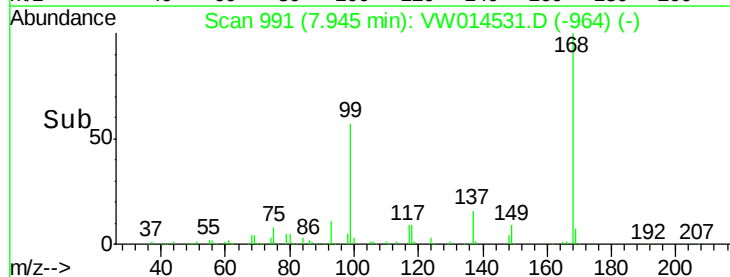
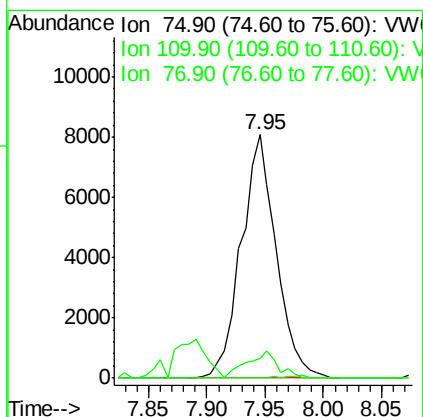
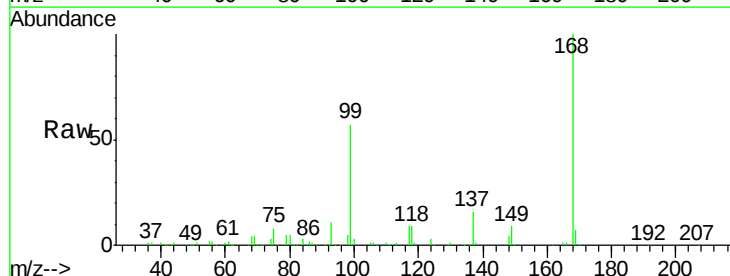
Instrument :
 MSVOA_W
 ClientSampleId :

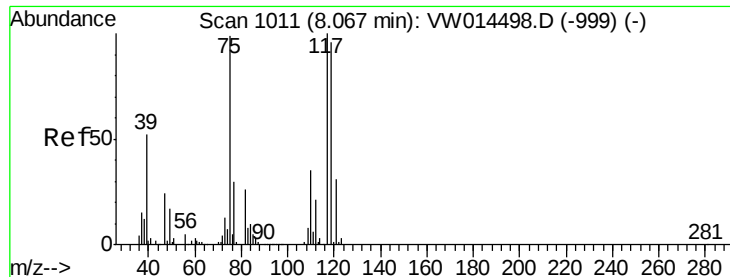
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	21.4	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014531.D
 Acq: 06 Jan 2020 18:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.8	53.5#
77	0.2	24.7	37.1#

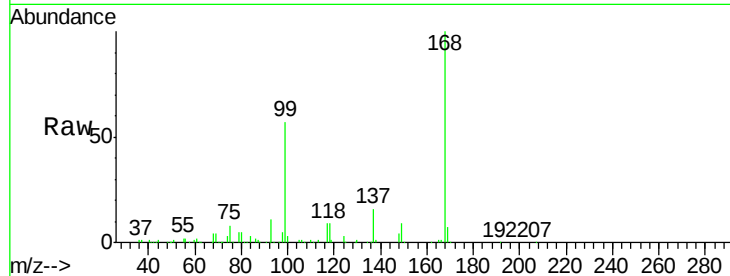




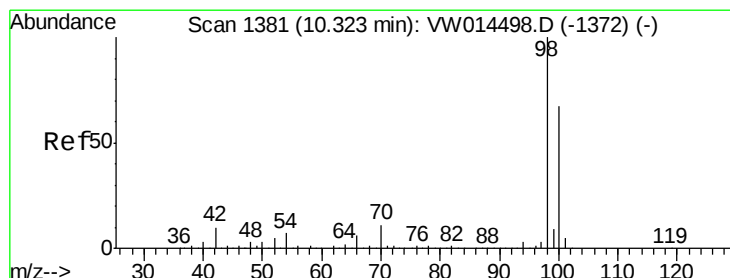
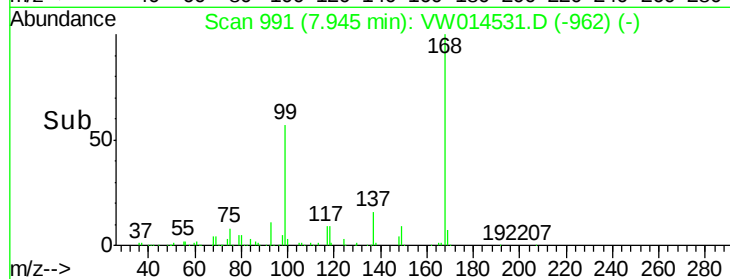
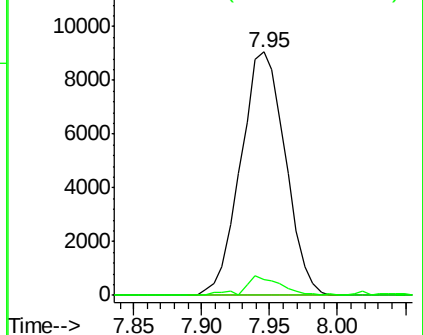
#38
Carbon Tetrachloride
Concen: 6.994 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 117 Resp: 20772
Ion Ratio Lower Upper
117 100
119 6.4 77.0 115.6#
121 0.0 24.6 36.8#

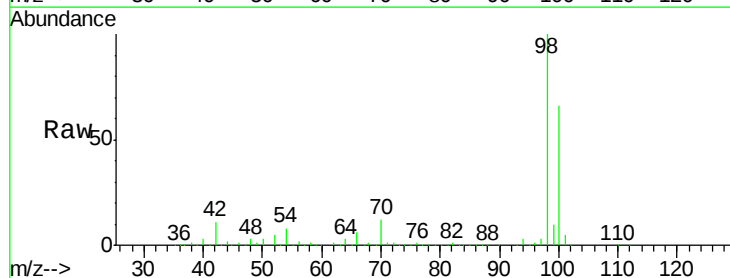


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

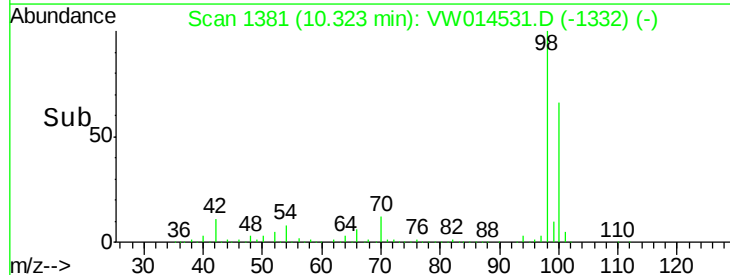
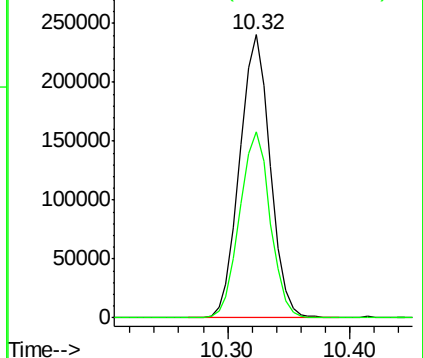


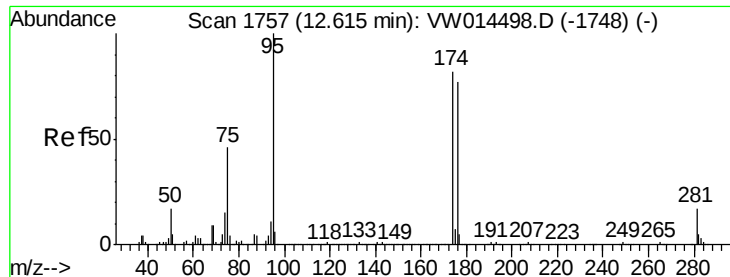
#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

Tgt Ion: 98 Resp: 417418
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



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

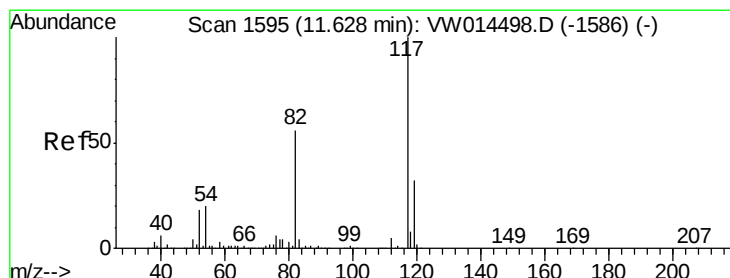
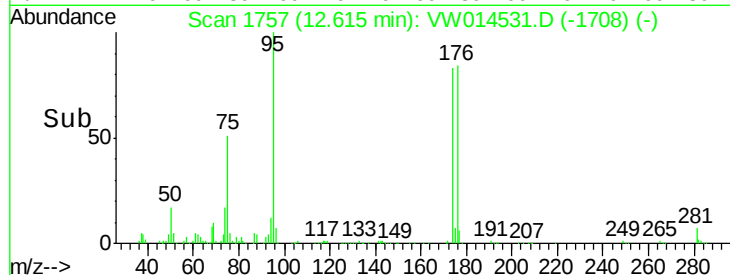
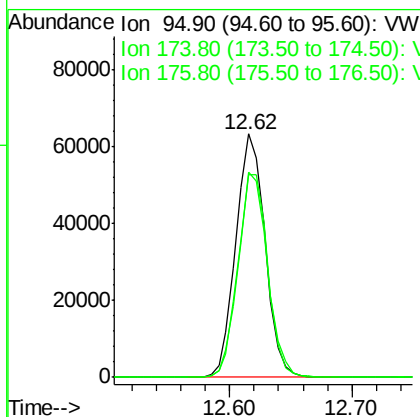
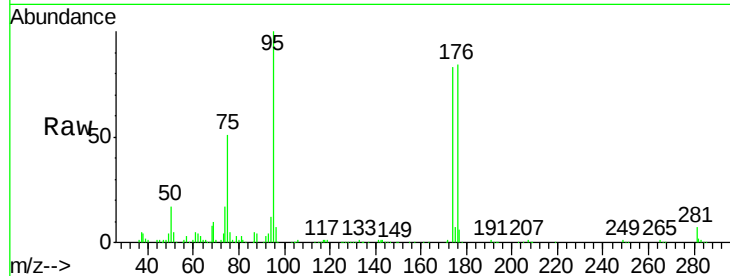




#62
4-Bromofluorobenzene
Concen: 36.504 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

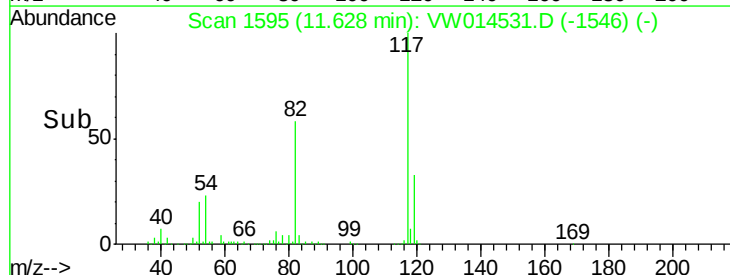
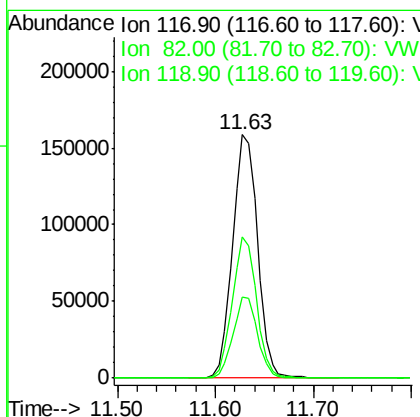
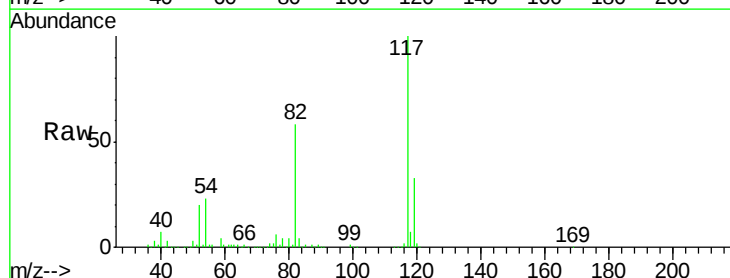
Instrument :
MSVOA_W
ClientSampleId :

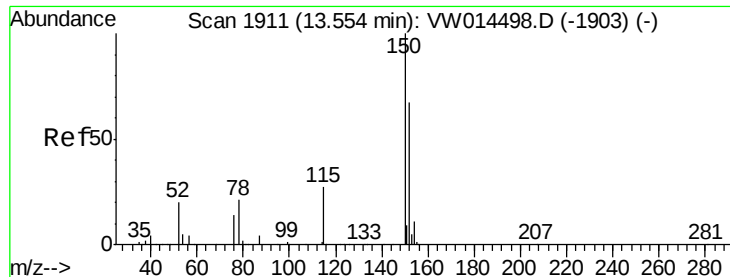
Tgt Ion: 95 Resp: 104870
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.6
176 83.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014531.D
Acq: 06 Jan 2020 18:33

Tgt Ion: 117 Resp: 282665
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 33.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014531.D

Acq: 06 Jan 2020 18:33

Instrument :

MSVOA_W

ClientSampleId :

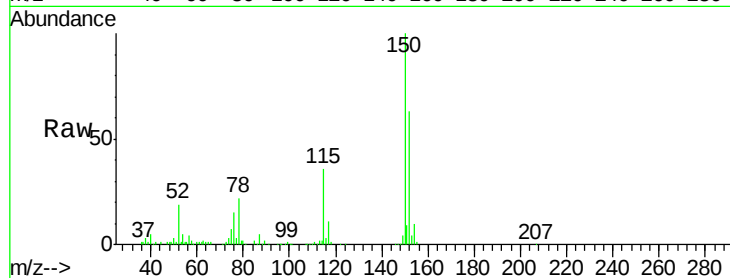
Tgt Ion:152 Resp: 81734

Ion Ratio Lower Upper

152 100

115 57.5 27.7 83.1

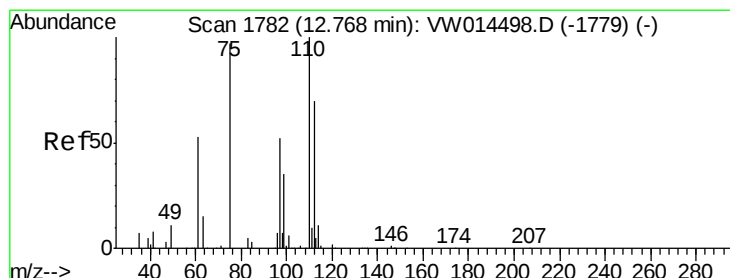
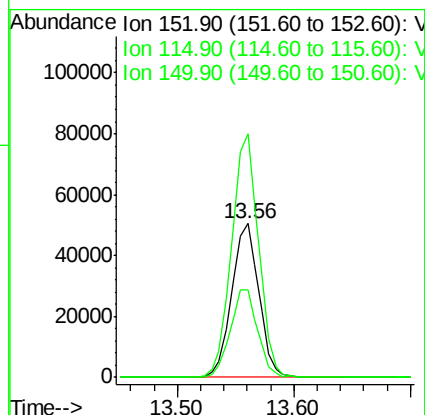
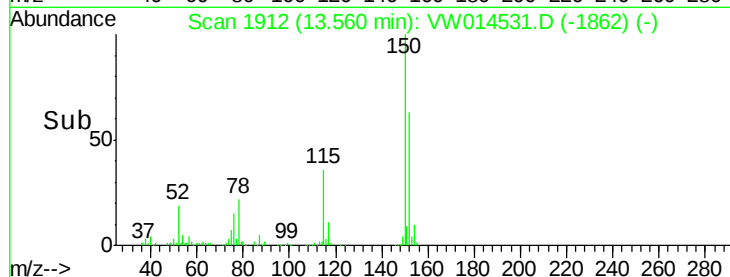
150 157.5 0.0 343.4



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: 66.317 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014531.D

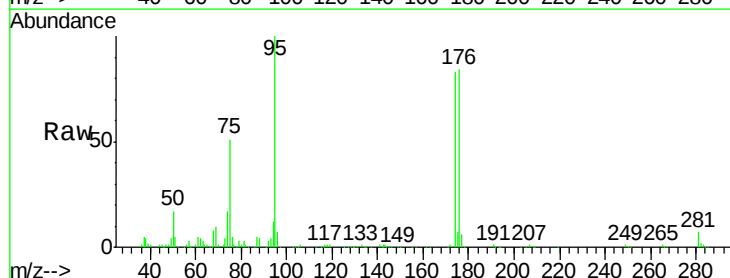
Acq: 06 Jan 2020 18:33

Tgt Ion: 75 Resp: 51249

Ion Ratio Lower Upper

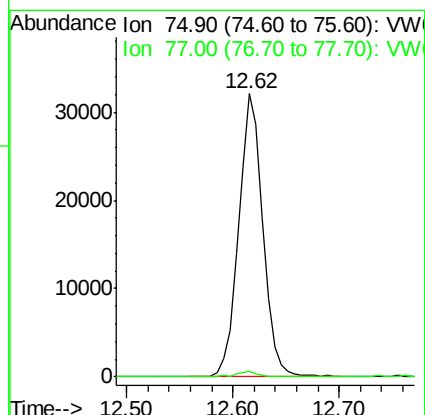
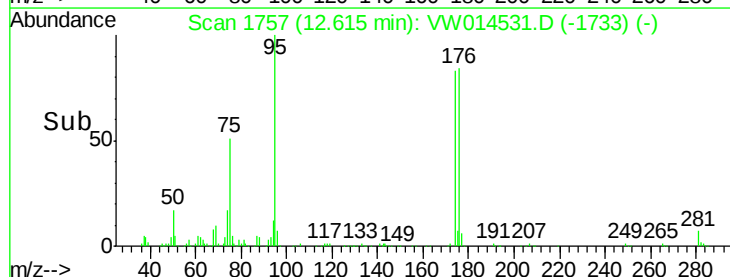
75 100

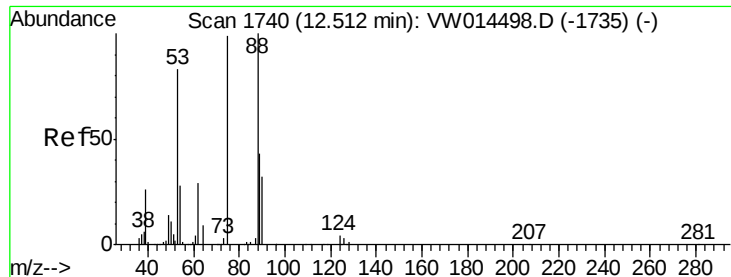
77 1.8 0.0 0.0#



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: 147.758 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014531.D

Acq: 06 Jan 2020 18:33

Instrument :

MSVOA_W

ClientSampleId :

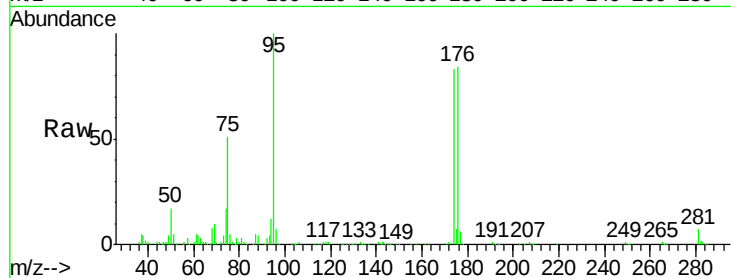
Tgt Ion: 75 Resp: 51249

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.1 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

