

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014514.D
 Acq On : 03 Jan 2020 22:09
 Operator : SY/VA
 Sample : K6482-09
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 06 00:47:09 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

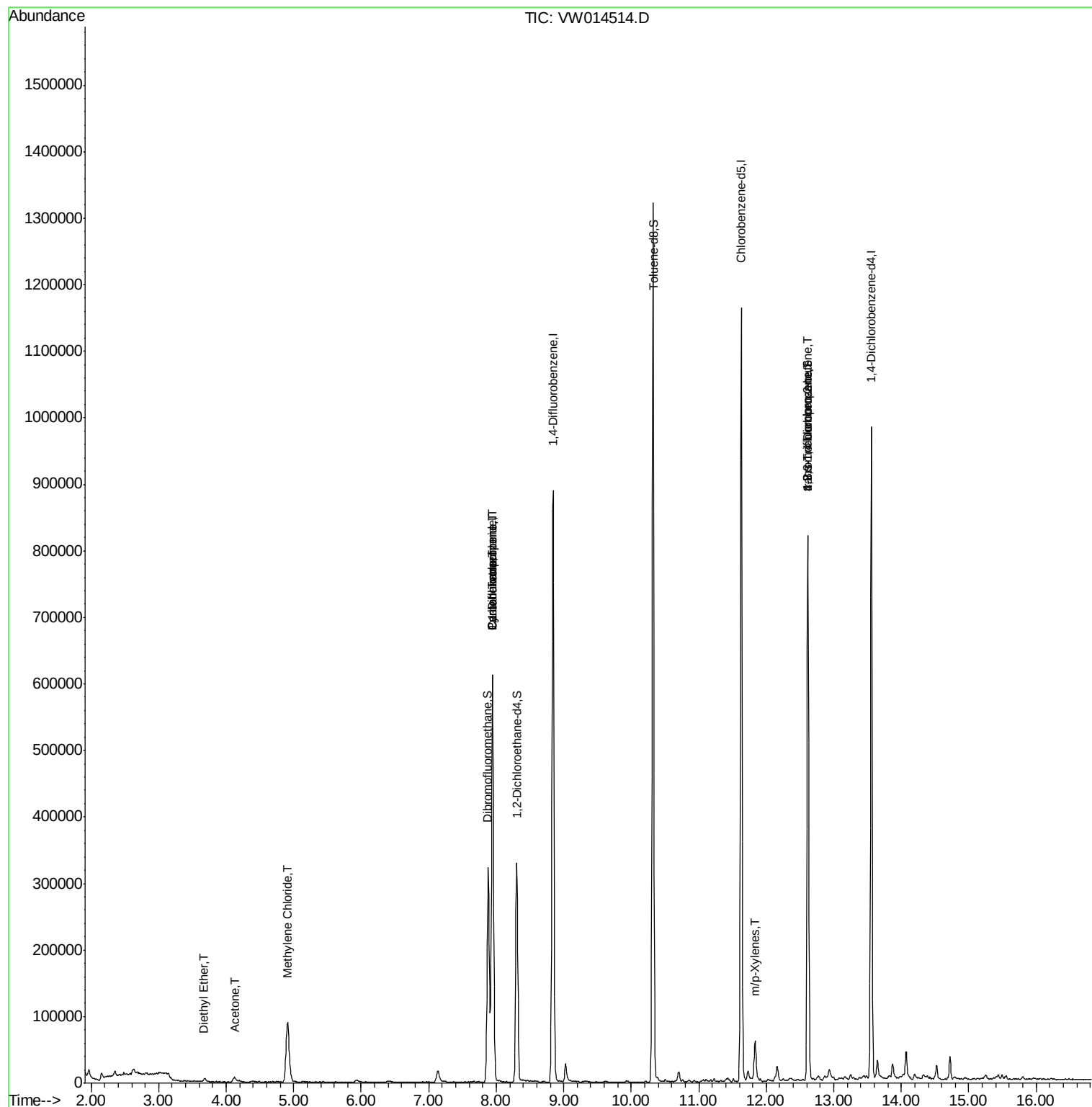
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	481609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	780489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	661612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	266117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	253450	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
35) Dibromofluoromethane	7.88	113	235954	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.32	98	884273	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.62	95	267127	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
8) Diethyl Ether	3.68	74	2640	1.083	ug/l	79
11) Tert butyl alcohol	5.17	59	937	Below Cal	#	73
16) Acetone	4.12	43	15801	13.289	ug/l	95
20) Methylene Chloride	4.91	84	73829	11.910	ug/l	97
31) Cyclohexane	7.95	56	9019	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	34608	4.600	ug/l #	50
38) Carbon Tetrachloride	7.94	117	43728	6.699	ug/l #	16
68) m/p-Xylenes	11.84	106	17178	1.837	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	130204	51.748	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	130204	115.298	ug/l #	14

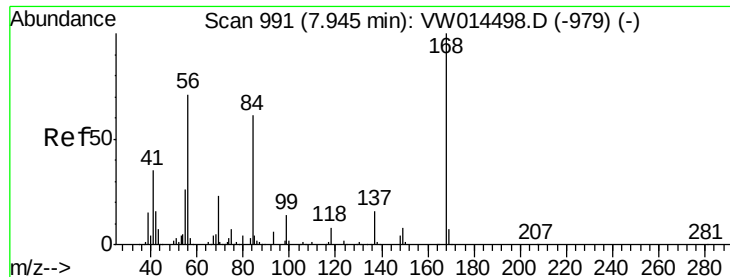
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW014514.D

Acq: 03 Jan 2020 22:09

Instrument :

MSVOA_W

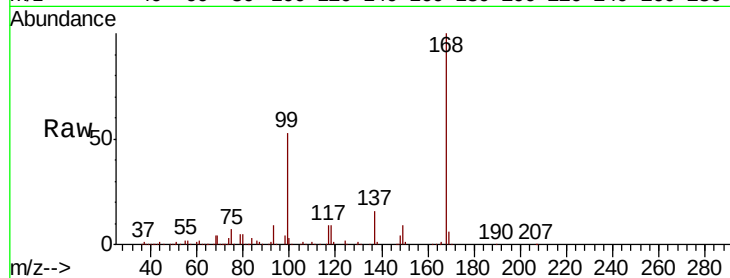
ClientSampled :

Tot Ion:168 Resp: 481609

Ion Ratio Lower Upper

168 100

99 53.3 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

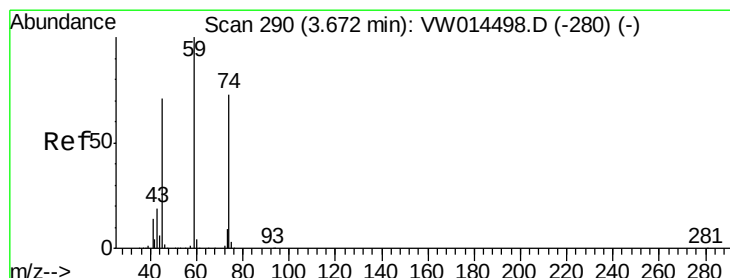
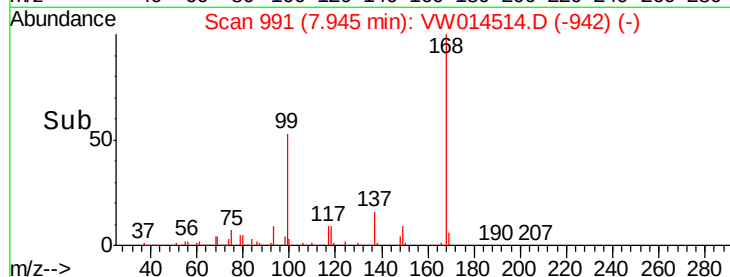
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.083 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW014514.D

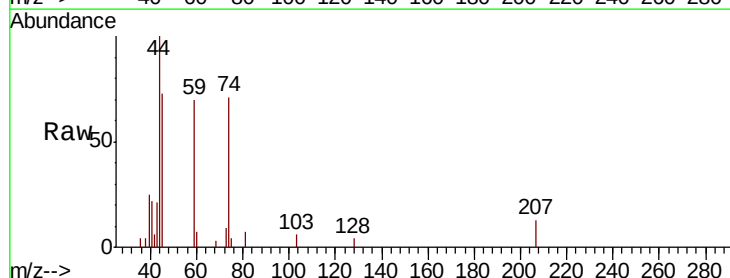
Acq: 03 Jan 2020 22:09

Tgt Ion: 74 Resp: 2640

Ion Ratio Lower Upper

74 100

45 117.7 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

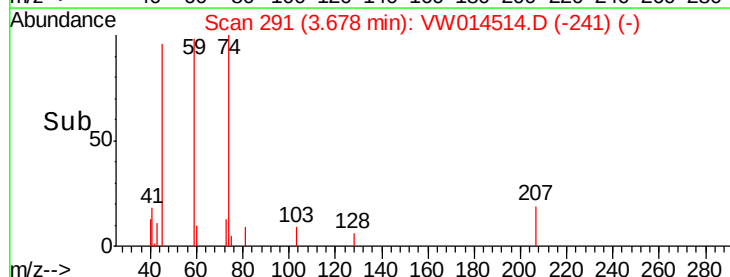
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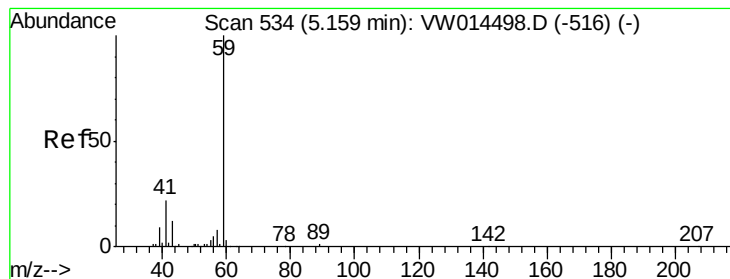
1000

500

0

Time-->



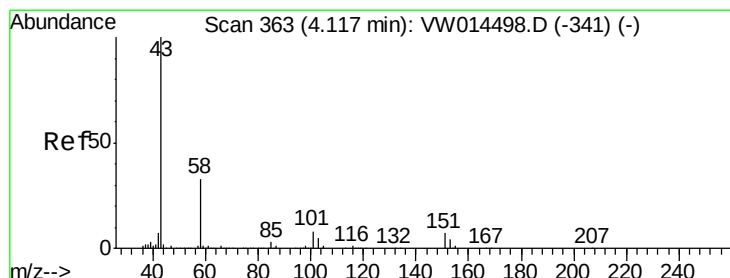
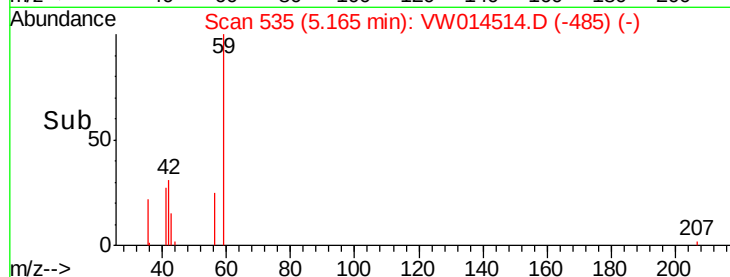
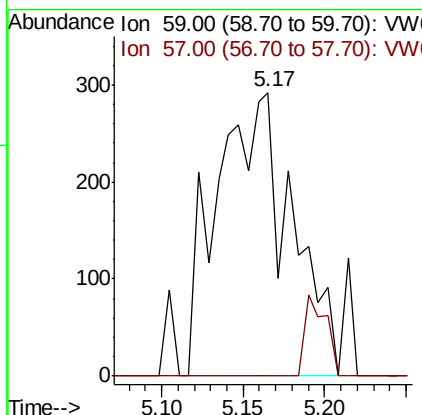
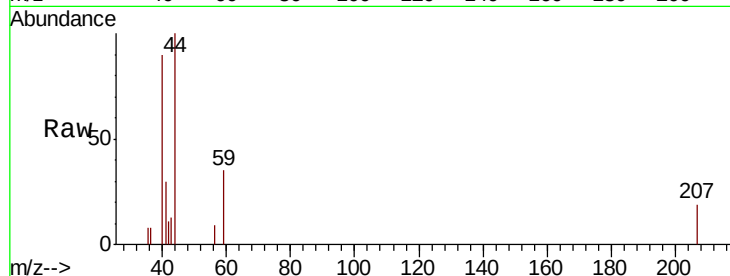


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

Instrument :
 MSVOA_W
 ClientSampled :

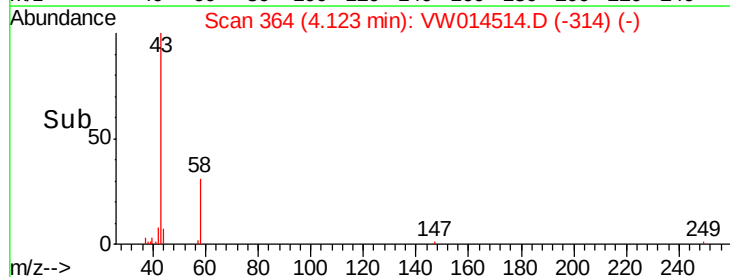
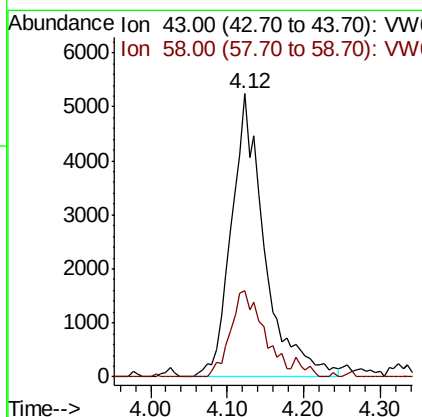
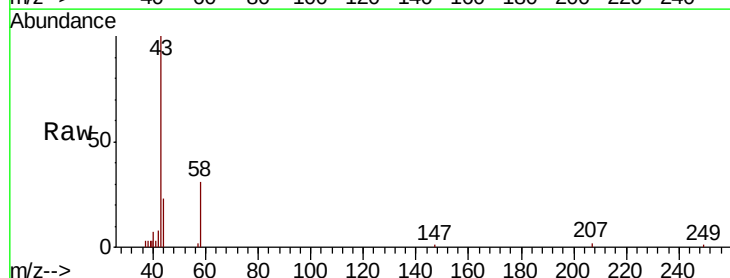
Tot Ion: 59 Resp: 937
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

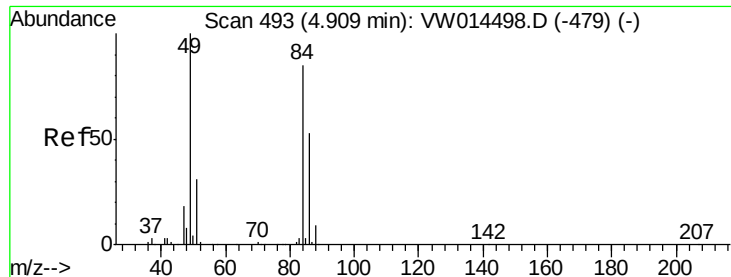


#16

Acetone
 Concen: 13.289 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

Tgt Ion: 43 Resp: 15801
 Ion Ratio Lower Upper
 43 100
 58 30.6 26.6 39.8



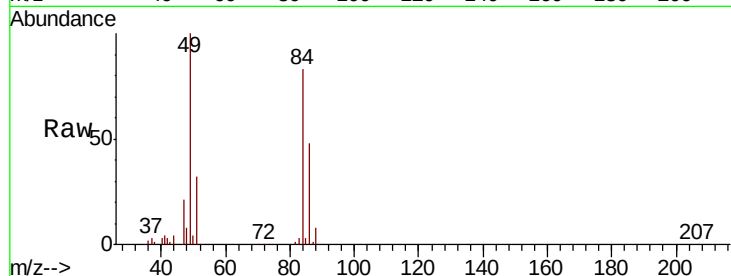


#20
Methylene Chloride
Concen: 11.910 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 73829

Ion	Ratio	Lower	Upper
84	100		
49	120.8	94.4	141.6
51	38.3	29.5	44.3
86	58.5	50.2	75.2



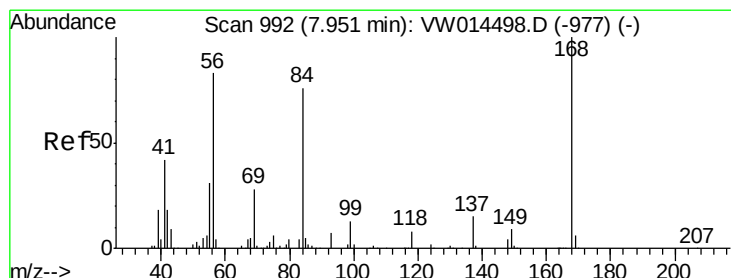
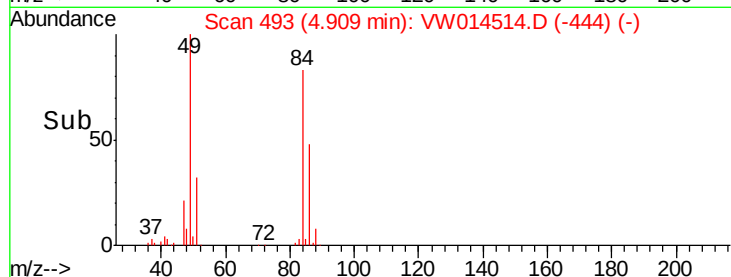
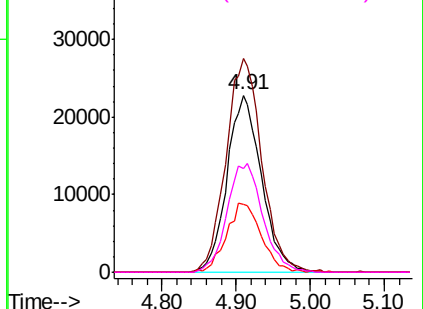
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

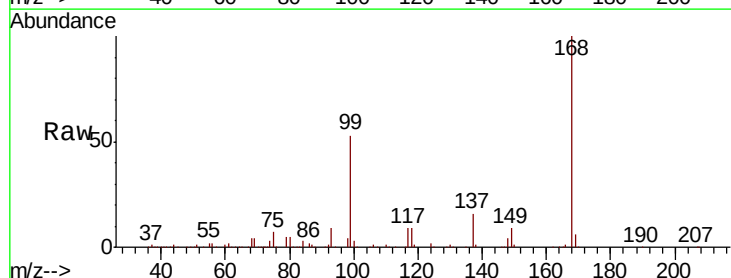
Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion: 56 Resp: 9019

Ion	Ratio	Lower	Upper
56	100		
69	196.1	26.8	40.2#
84	183.5	71.8	107.6#

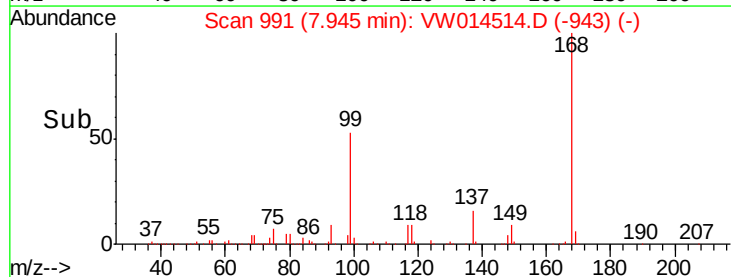
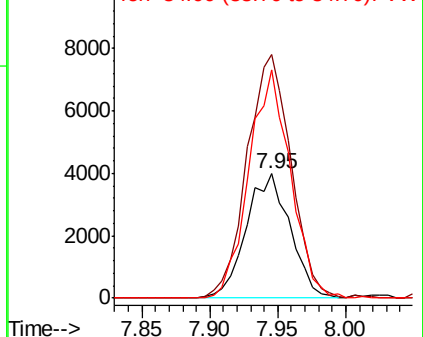


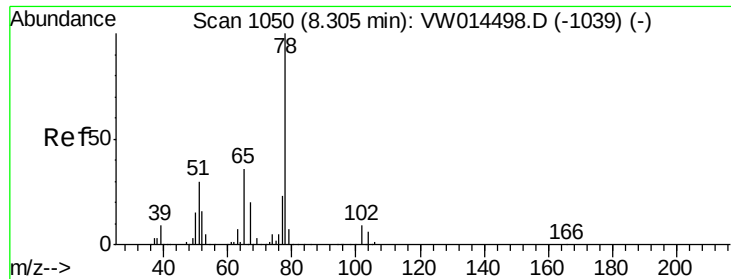
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

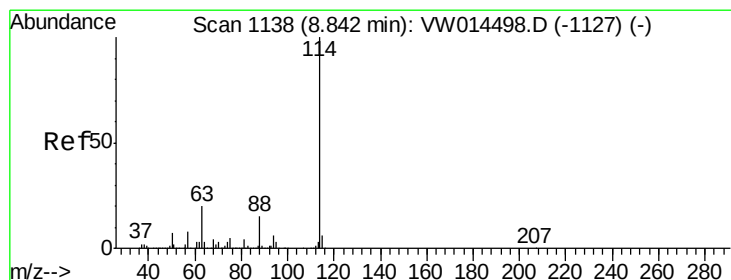
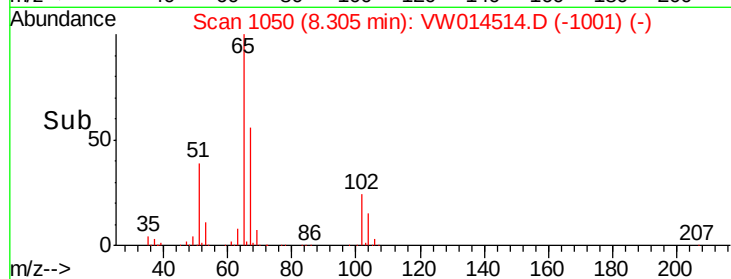
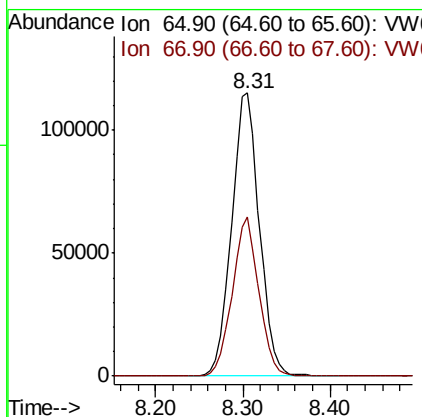
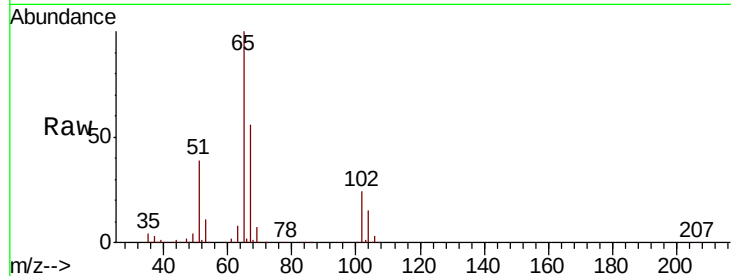




#33
 1,2-Dichloroethane-d4
 Concen: 60.191 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

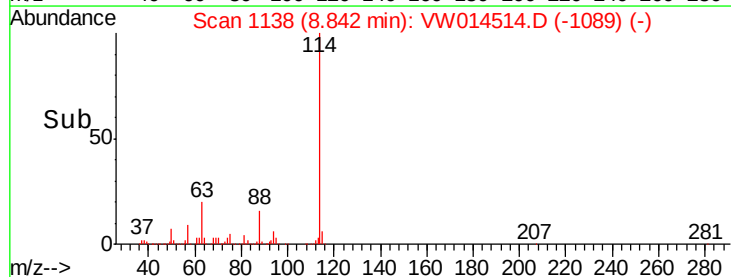
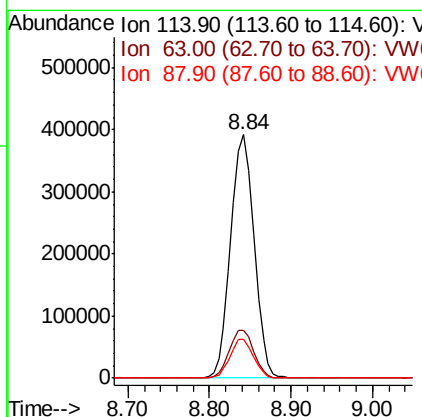
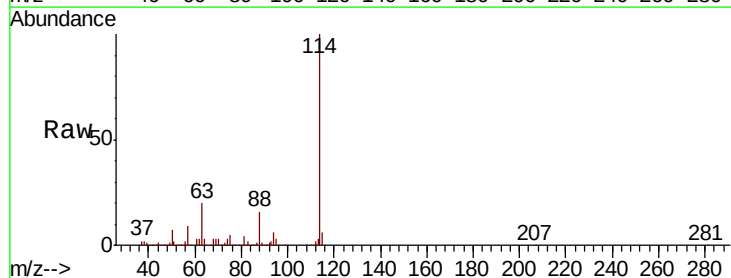
Instrument :
 MSVOA_W
 ClientSampleId :

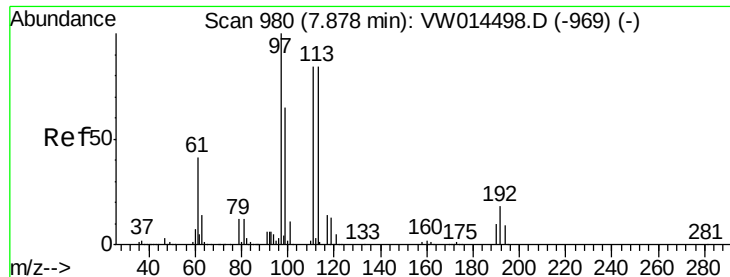
Tot Ion: 65 Resp: 253450
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

Tgt Ion: 114 Resp: 780489
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.4
 88 16.0 0.0 30.6

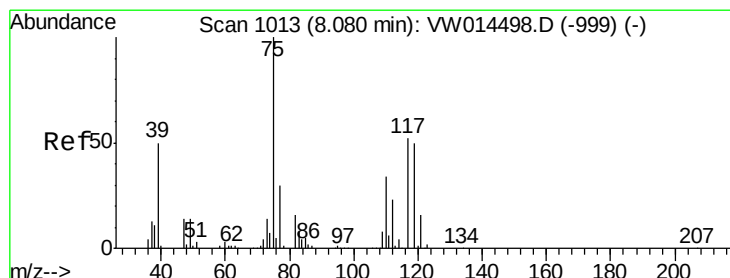
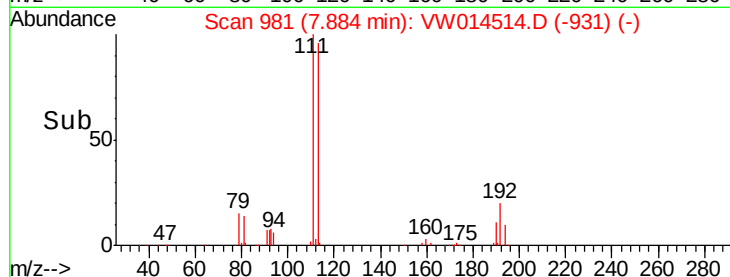
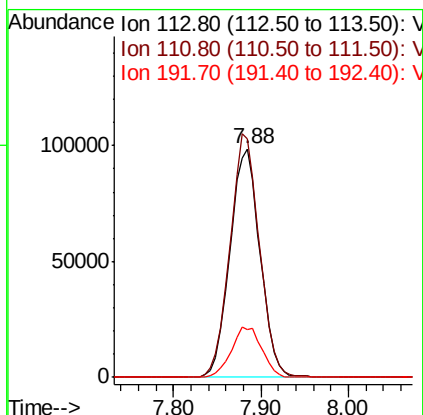
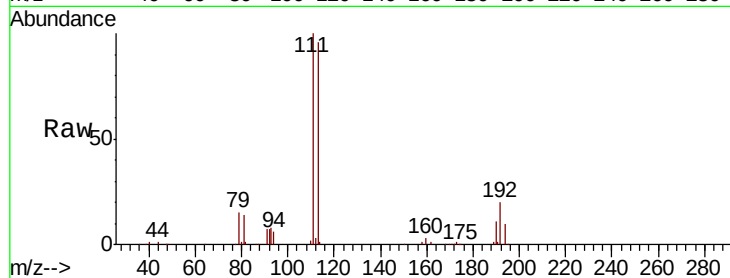




#35
 Dibromofluoromethane
 Concen: 52.897 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

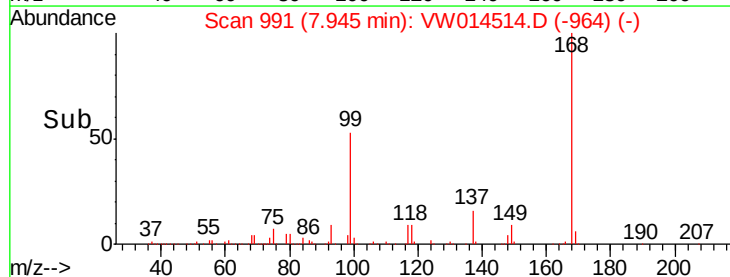
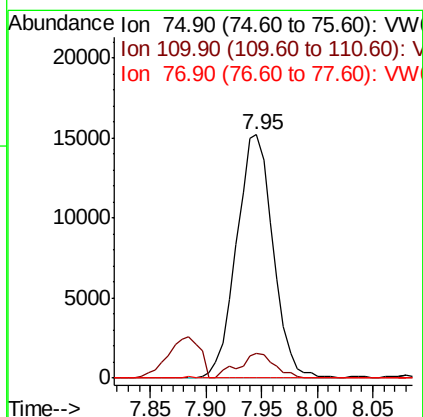
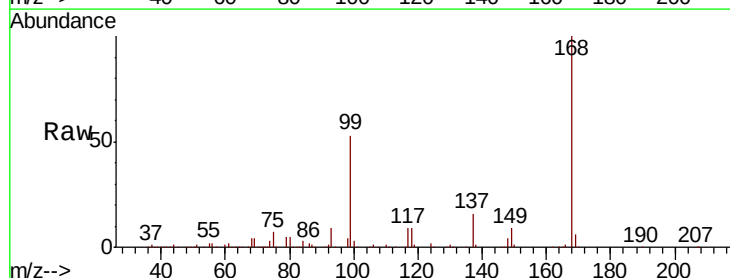
Instrument :
 MSVOA_W
 ClientSampled :

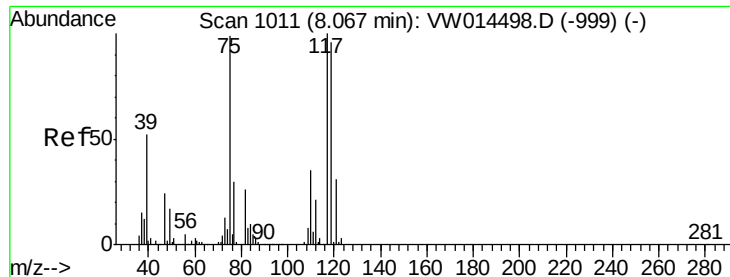
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.2
192	22.2	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.8	53.5#
77	0.0	24.7	37.1#

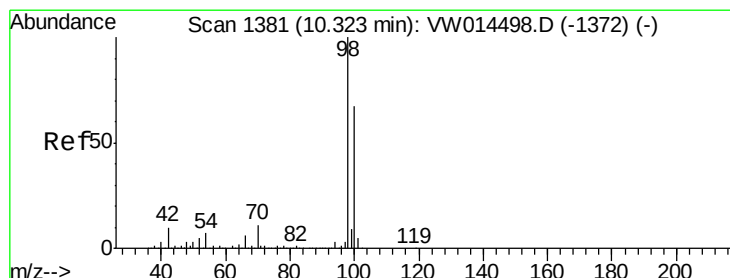
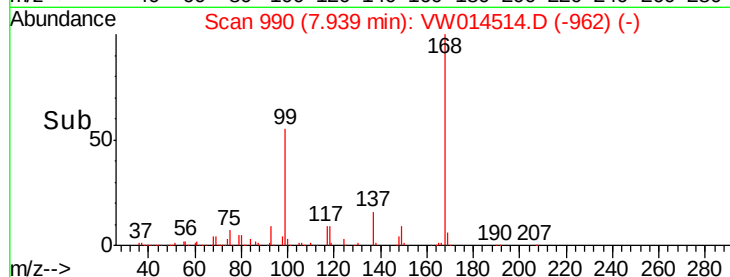
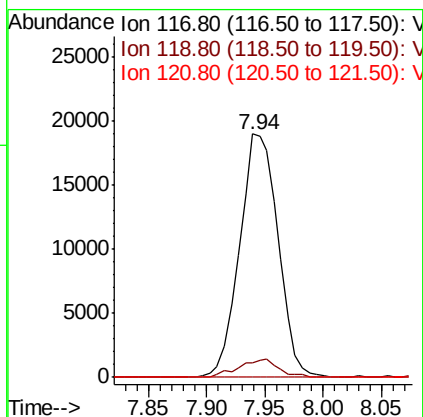
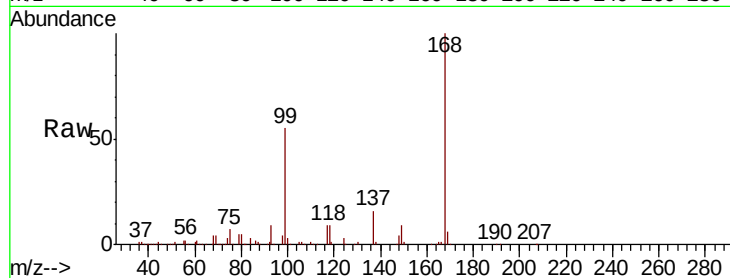




#38
Carbon Tetrachloride
Concen: 6.699 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

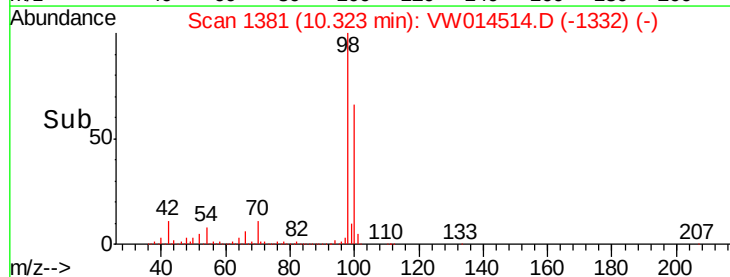
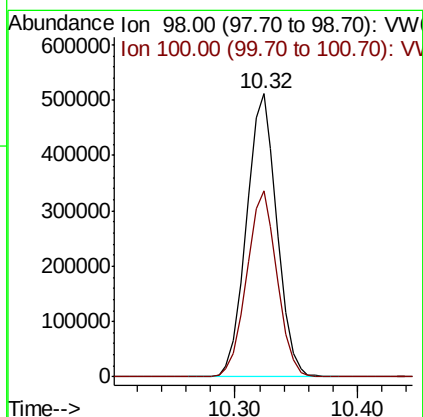
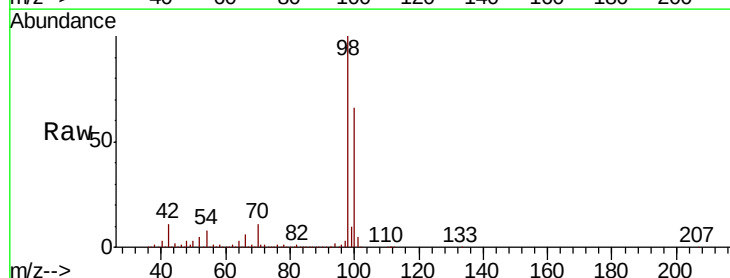
Instrument :
MSVOA_W
ClientSampleId :

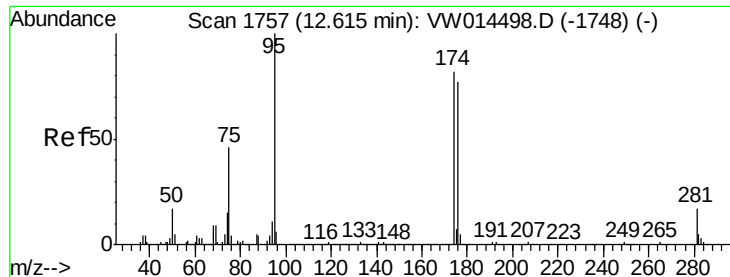
Tot Ion:117 Resp: 43728
Ion Ratio Lower Upper
117 100
119 6.0 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.502 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion: 98 Resp: 884273
Ion Ratio Lower Upper
98 100
100 65.5 53.8 80.6

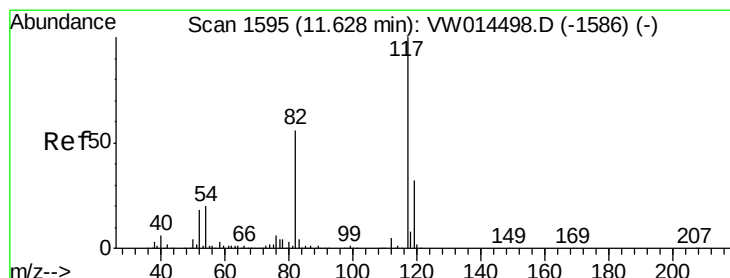
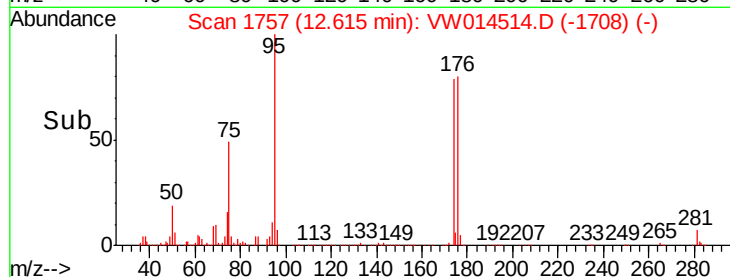
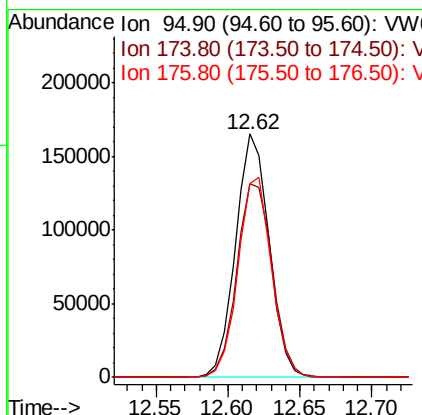
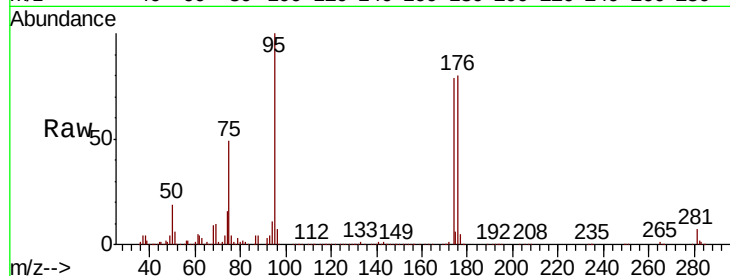




#62
4-Bromofluorobenzene
Concen: 42.306 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

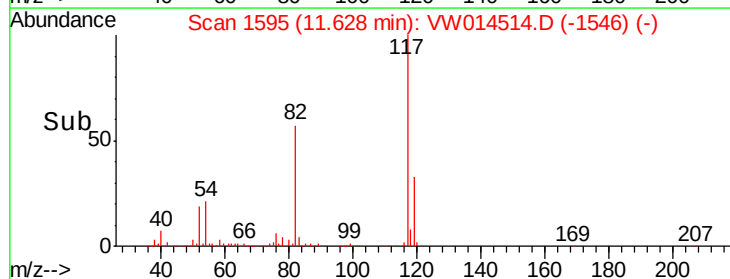
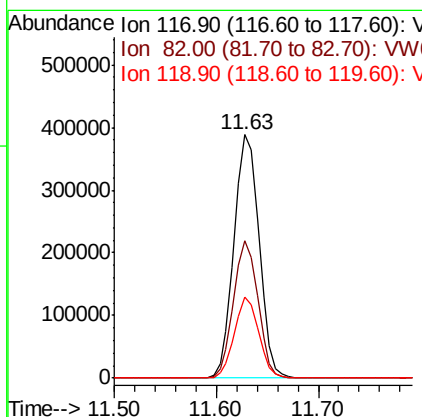
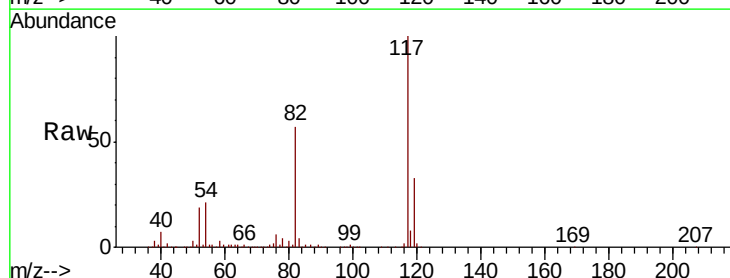
Instrument :
MSVOA_W
ClientSampled :

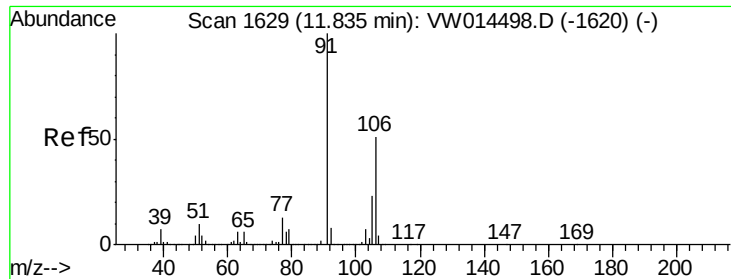
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	168.6
176	82.1	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	67.0
119	33.1	25.7	38.5

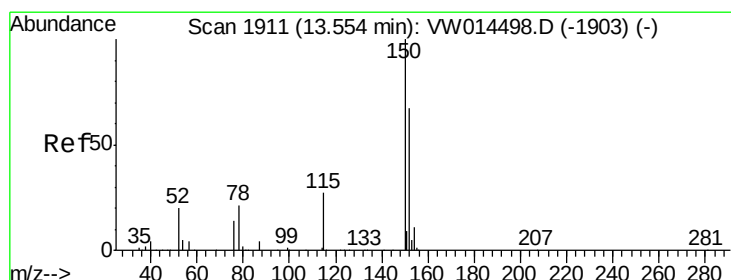
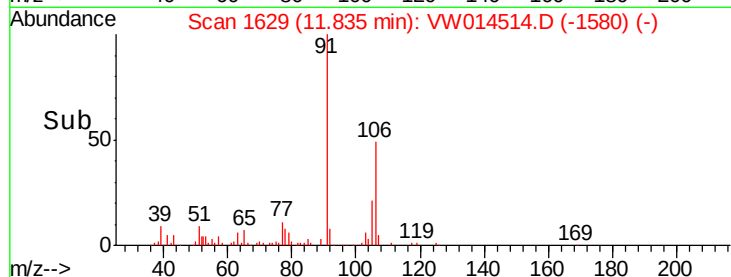
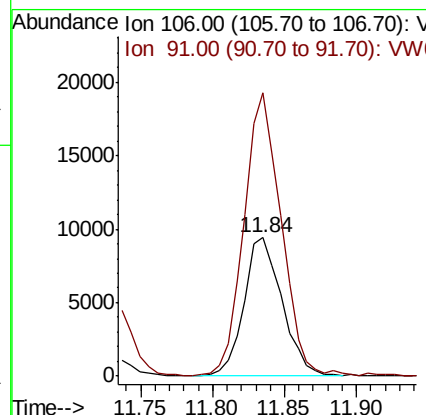
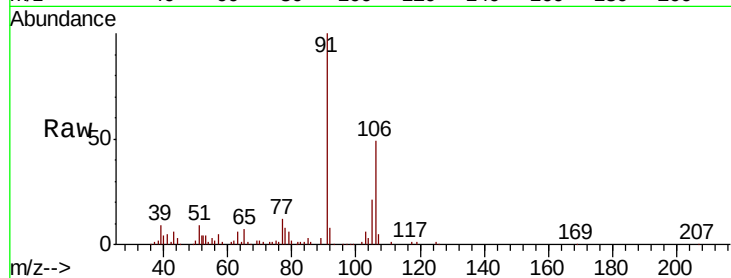




#68
m/p-Xvlenes
Concen: 1.837 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

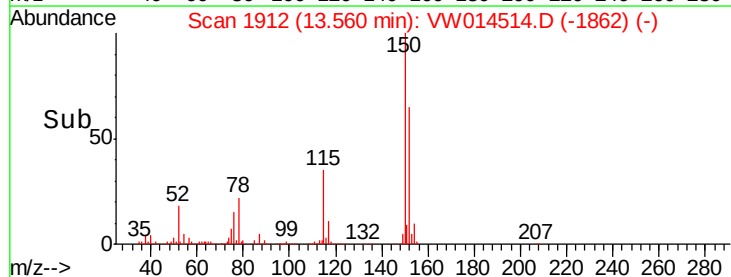
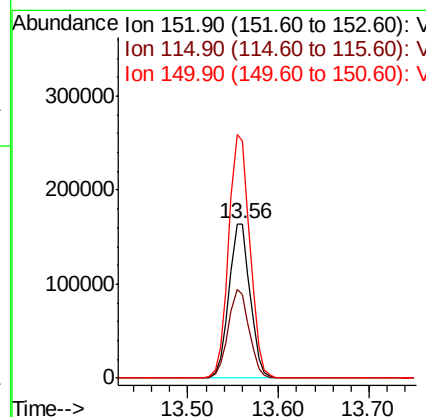
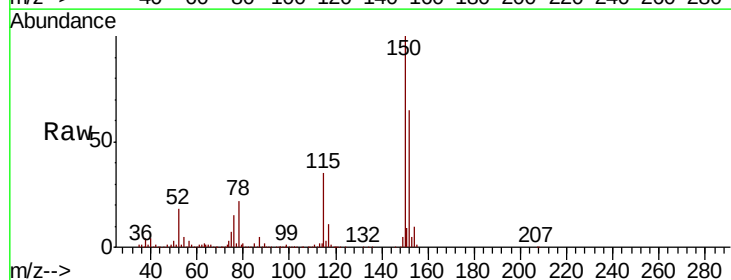
Instrument :
MSVOA_W
ClientSampleId :

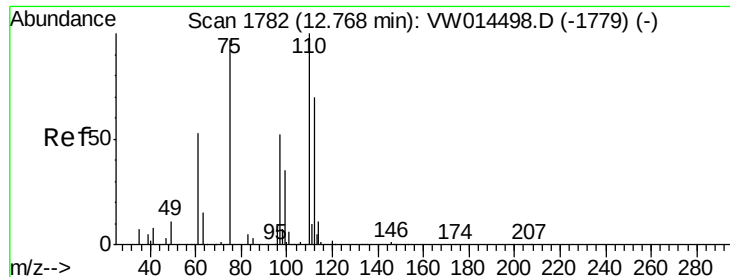
Tot Ion:106 Resp: 17178
Ion Ratio Lower Upper
106 100
91 201.4 159.0 238.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion:152 Resp: 266117
Ion Ratio Lower Upper
152 100
115 57.0 27.7 83.1
150 158.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 51.748 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Instrument :

MSVOA_W

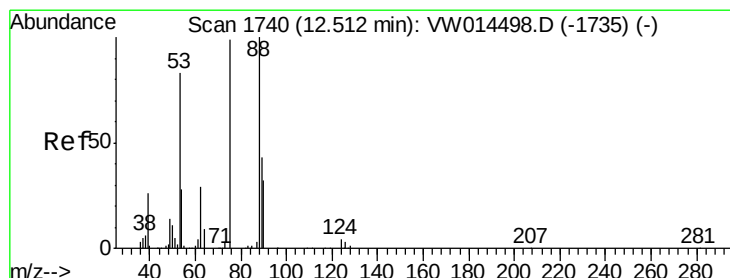
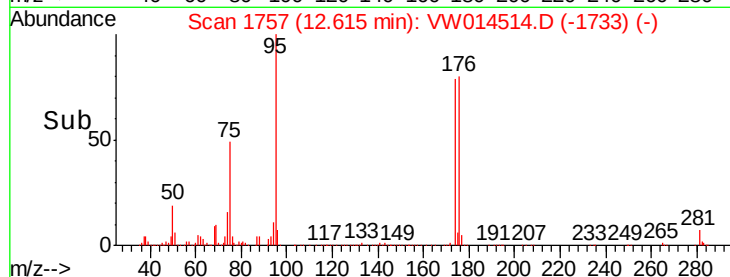
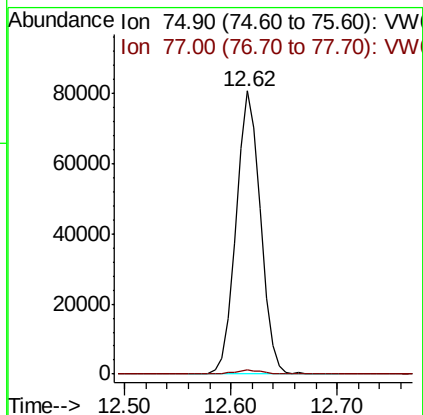
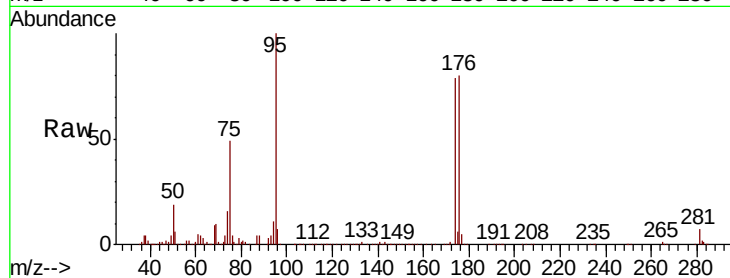
ClientSampleId :

Tot Ion: 75 Resp: 130204

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.298 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Tgt Ion: 75 Resp: 130204

Ion Ratio Lower Upper

75 100

53 0.3 70.9 106.3#

89 0.1 35.8 53.8#

