

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011787.D
 Acq On : 09 Aug 2019 00:13
 Operator : SY/VA
 Sample : K4228-05
 Misc : 4.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F3-(0)

Quant Time: Aug 09 05:38:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

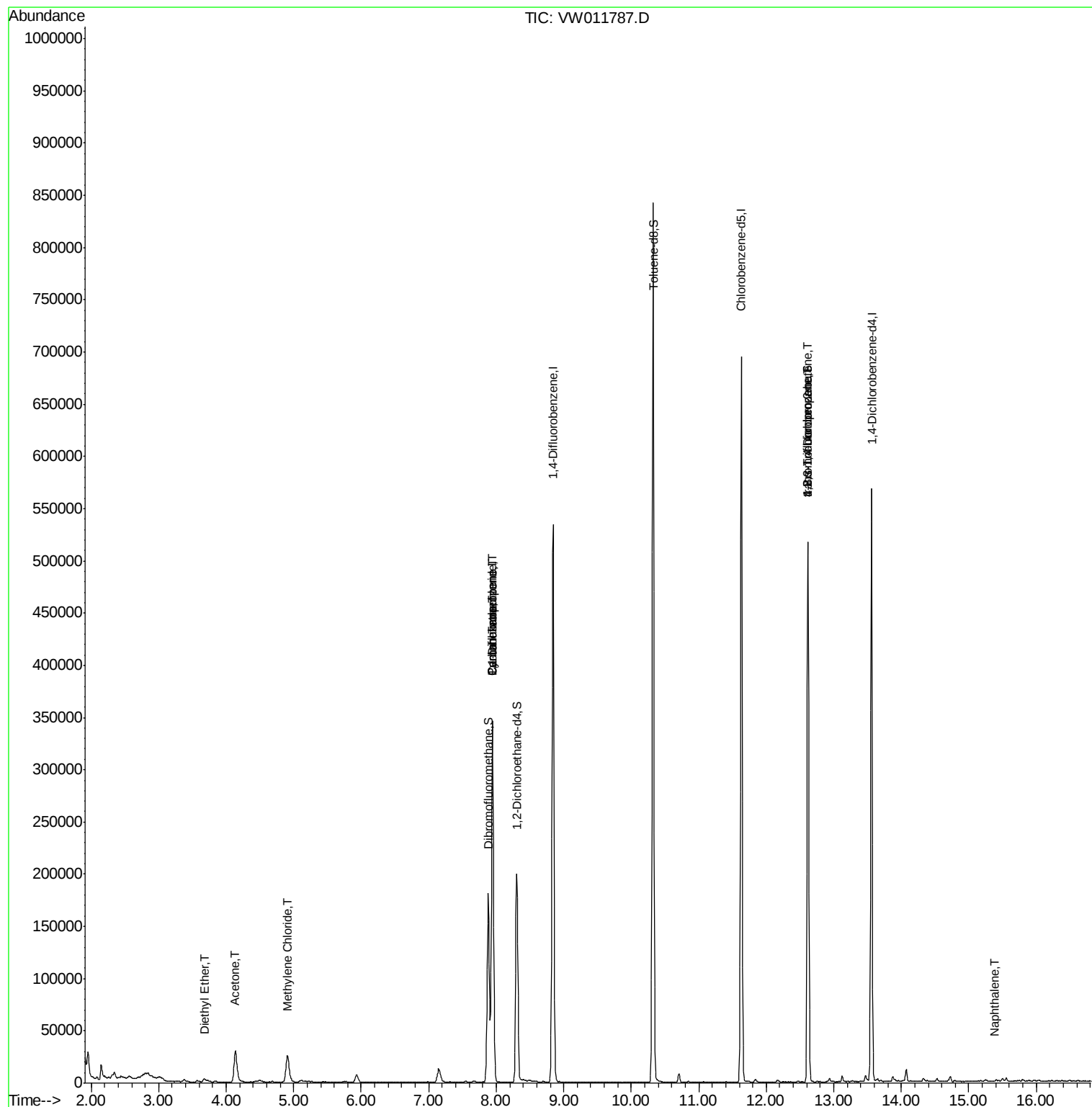
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164794	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
35) Dibromofluoromethane	7.88	113	129771	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.32	98	529947	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	168998	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
8) Diethyl Ether	3.67	74	1549	1.038	ug/l	50
11) Tert butyl alcohol	5.19	59	440	Below Cal	#	72
16) Acetone	4.14	43	64085	69.324	ug/l	97
20) Methylene Chloride	4.92	84	18143	5.691	ug/l	96
31) Cyclohexane	7.95	56	6298	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21979	5.048	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25414	6.818	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	90265	62.329	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90265	143.647	ug/l #	6
95) Naphthalene	15.38	128	456	2.147	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011787.D

Acq: 09 Aug 2019 00:13

Instrument :

MSVOA_W

ClientSampled :

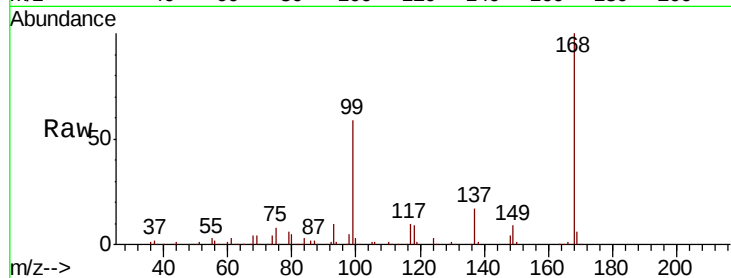
2S-F3-(0)

Tgt Ion:168 Resp: 253086

Ion Ratio Lower Upper

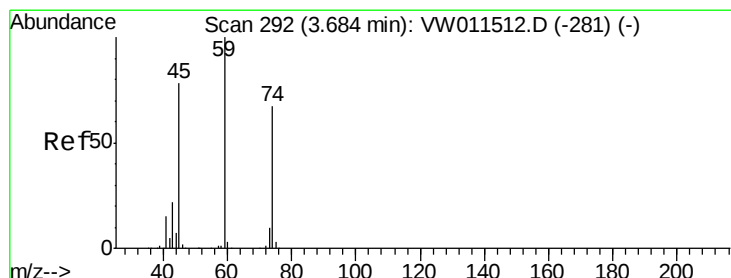
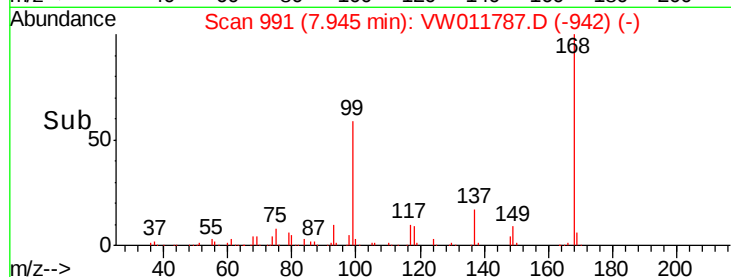
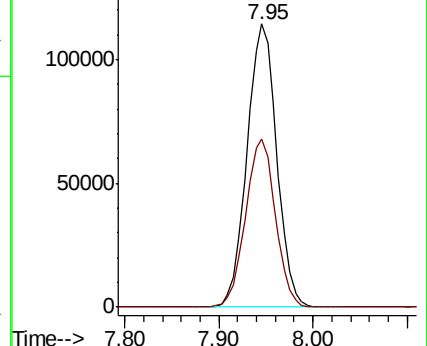
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.038 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW011787.D

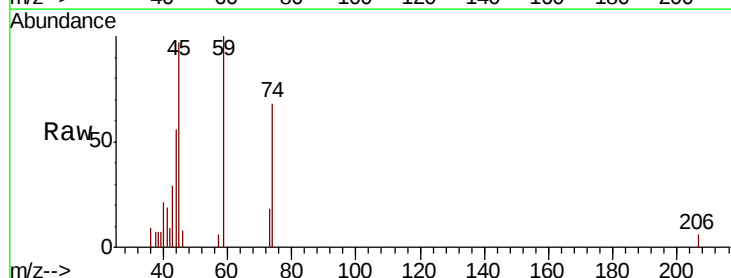
Acq: 09 Aug 2019 00:13

Tgt Ion: 74 Resp: 1549

Ion Ratio Lower Upper

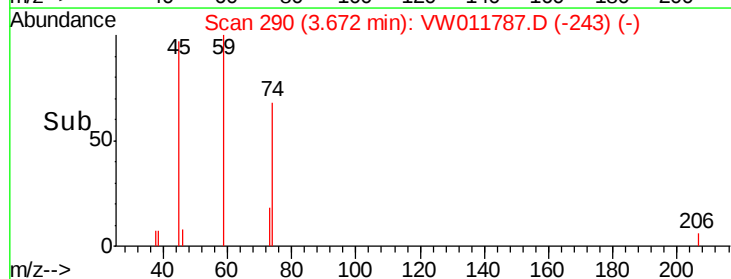
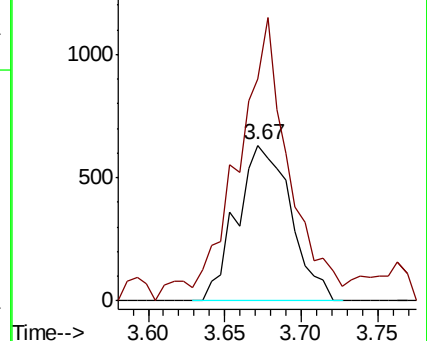
74 100

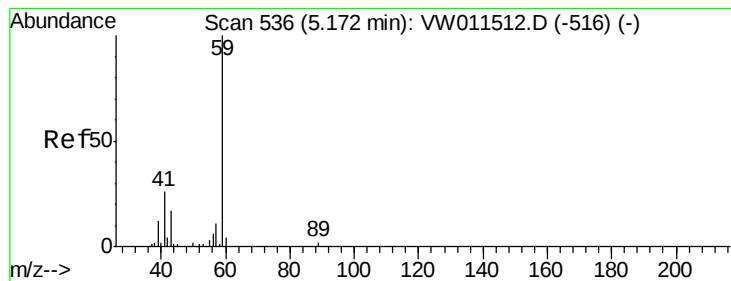
45 174.6 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



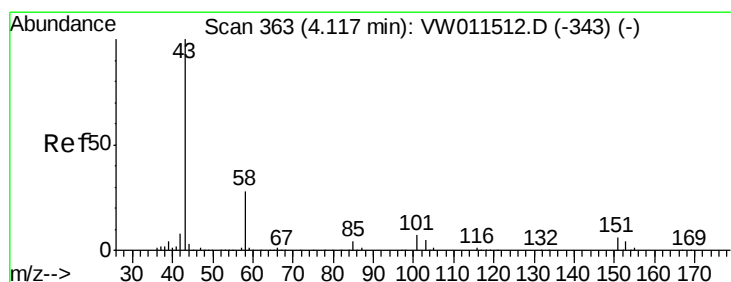
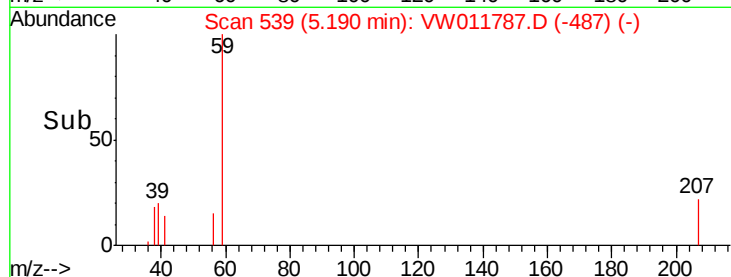
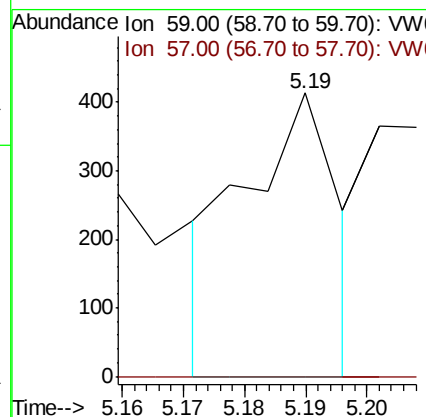
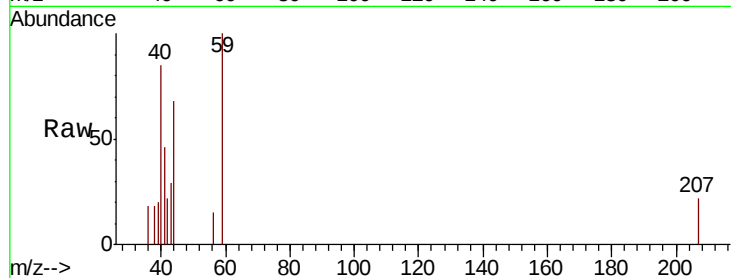


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

Instrument :
 MSVOA_W
 ClientSampled :
 2S-F3-(0)

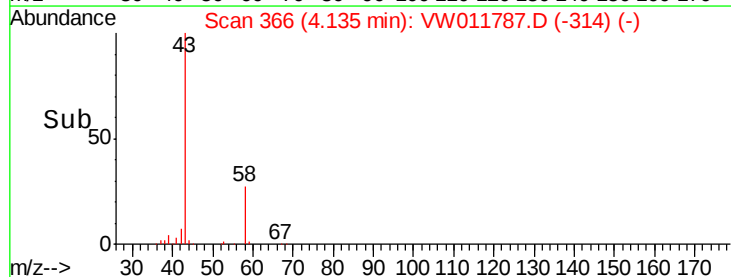
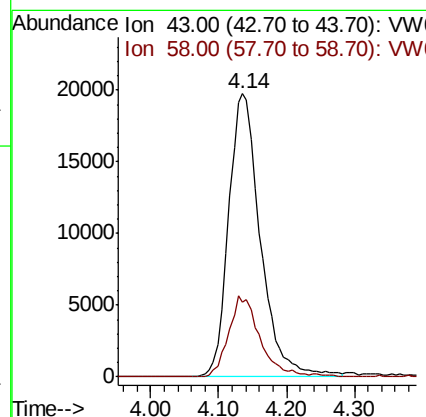
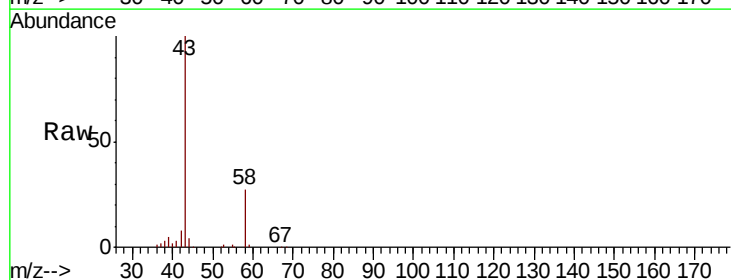
Tgt Ion: 59 Resp: 440
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

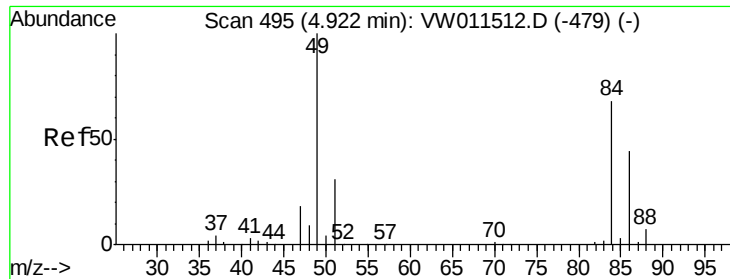


#16

Acetone
 Concen: 69.324 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

Tgt Ion: 43 Resp: 64085
 Ion Ratio Lower Upper
 43 100
 58 26.3 22.3 33.5

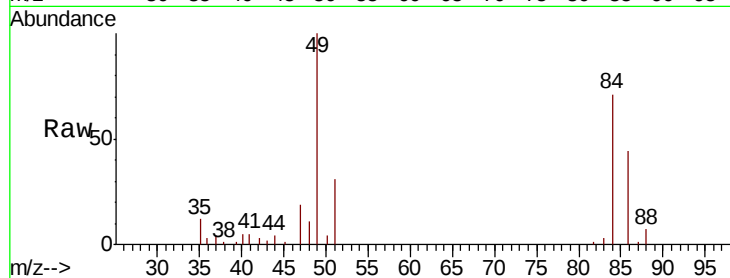




#20
Methylene Chloride
Concen: 5.691 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Instrument :
MSVOA_W
ClientSampled :
2S-F3-(0)

Tgt Ion:	84	Resp:	18143
Ion	Ratio	Lower	Upper
84	100		
49	141.6	117.8	176.6
51	43.4	37.0	55.4
86	62.6	51.8	77.8



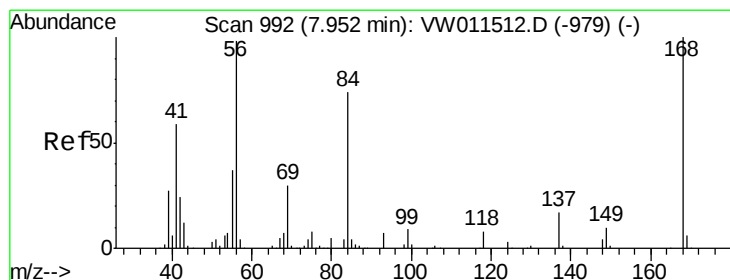
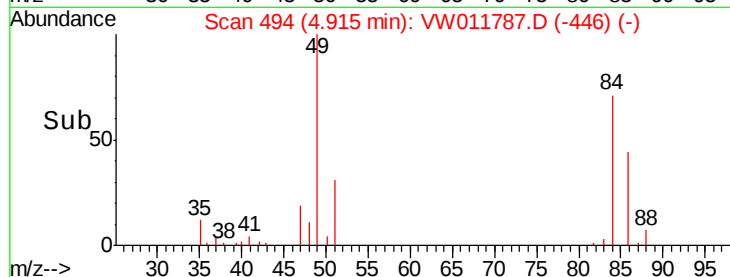
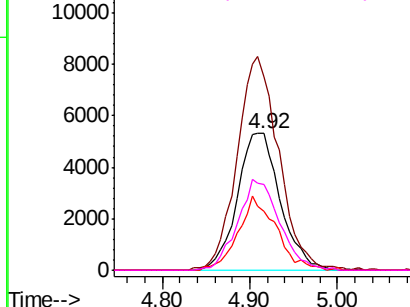
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

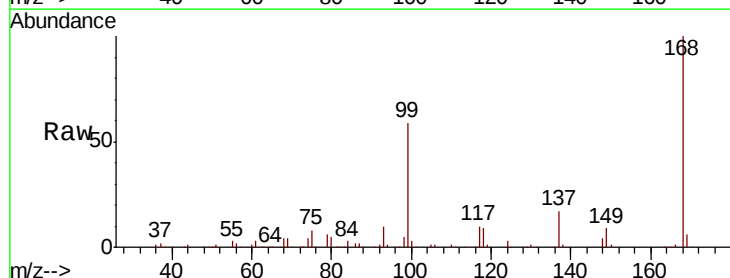
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Tgt Ion:	56	Resp:	6298
Ion	Ratio	Lower	Upper
56	100		
69	161.7	24.3	36.5#
84	133.9	60.4	90.6#

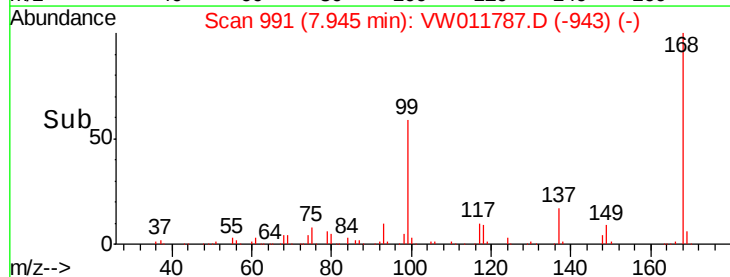
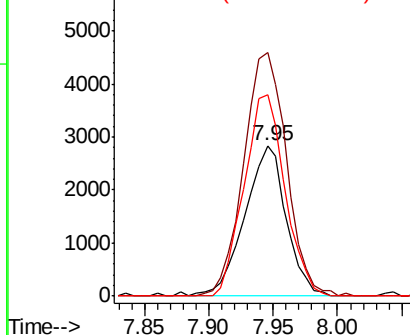


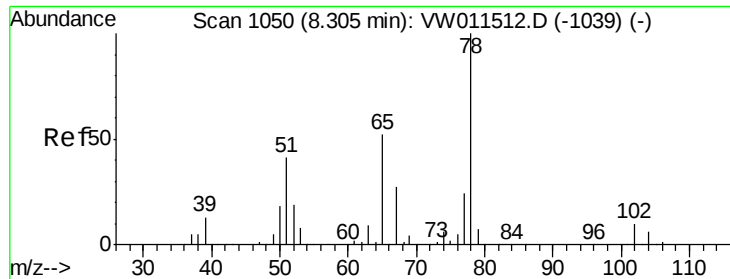
Abundance

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

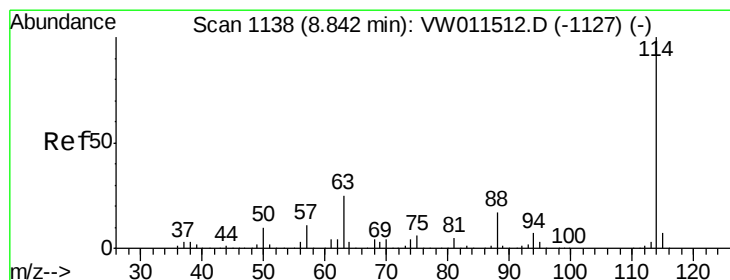
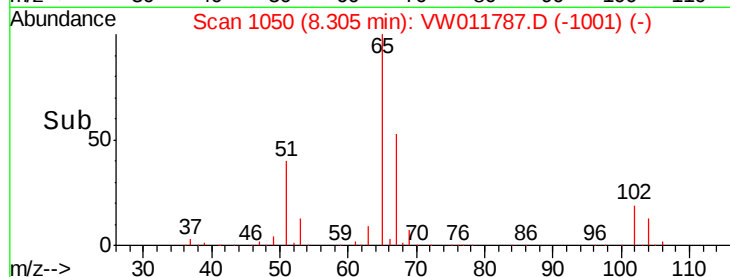
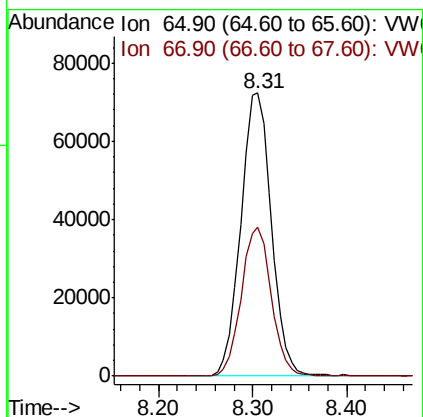
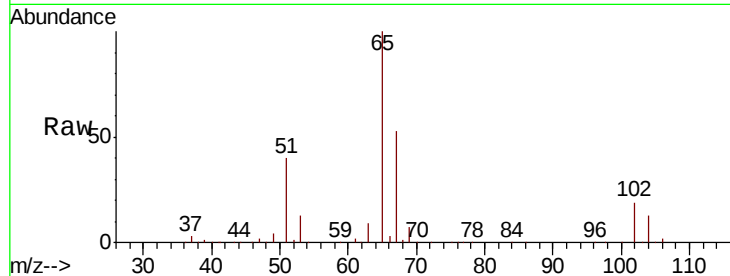




#33
 1,2-Dichloroethane-d4
 Concen: 56.706 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

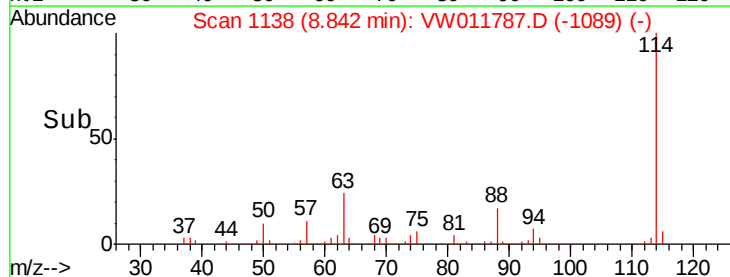
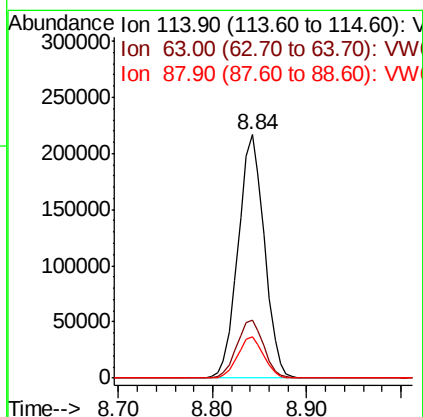
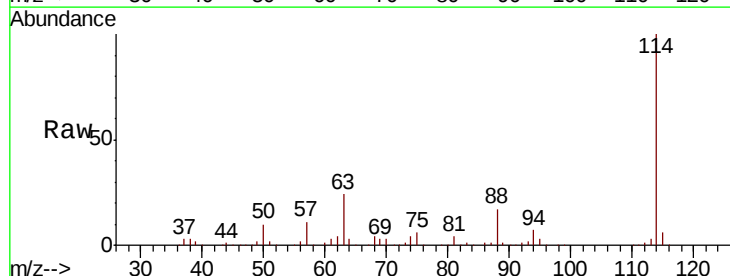
Instrument :
 MSVOA_W
 ClientSampled :
 2S-F3-(0)

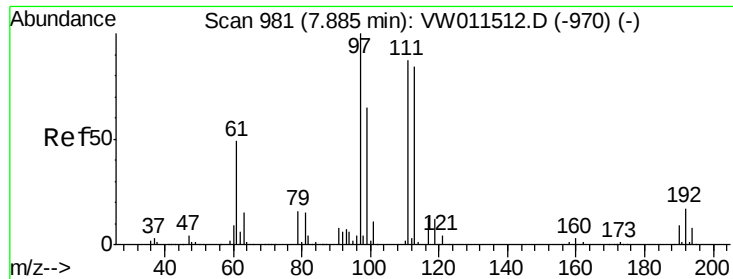
Tgt Ion: 65 Resp: 164794
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

Tgt Ion: 114 Resp: 418733
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 16.7 0.0 33.8

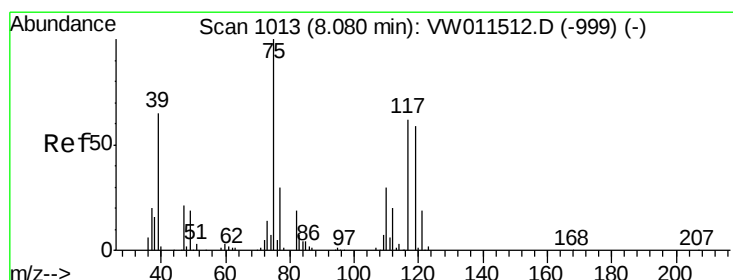
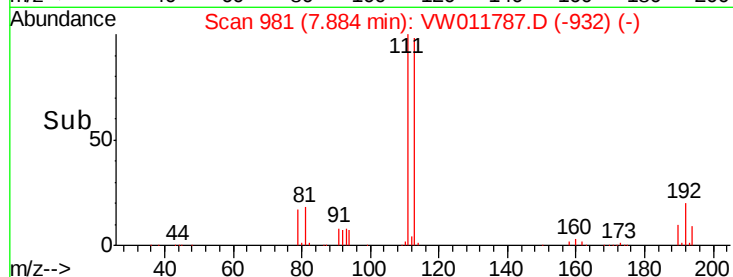
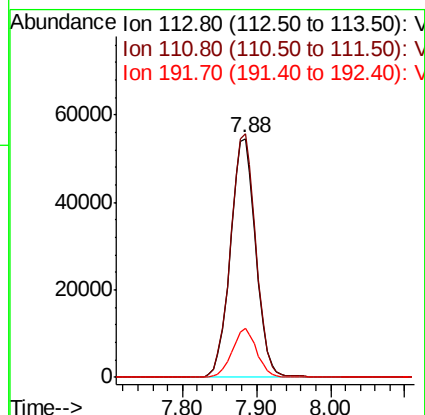
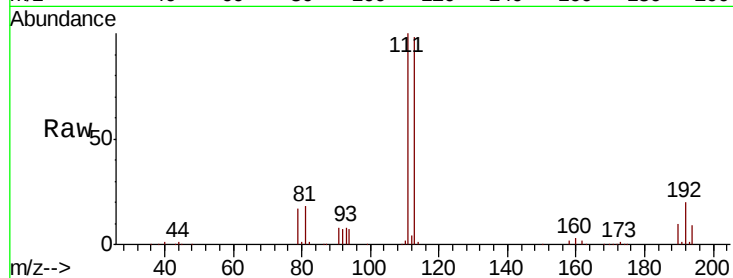




#35
 Dibromofluoromethane
 Concen: 55.241 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

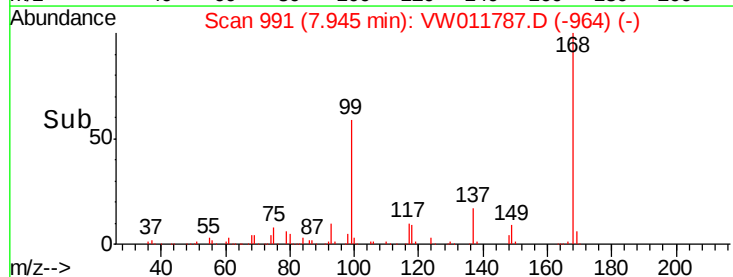
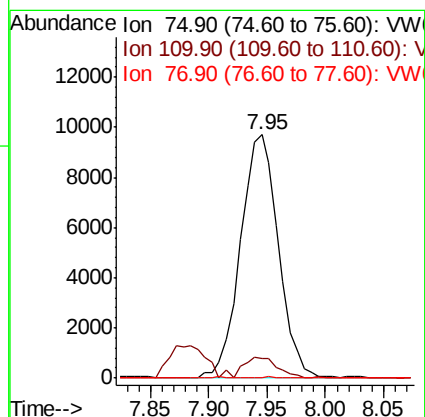
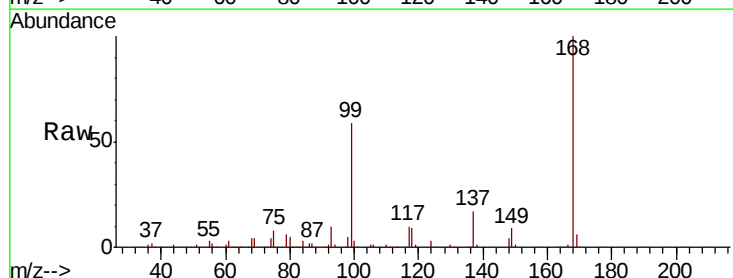
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F3-(0)

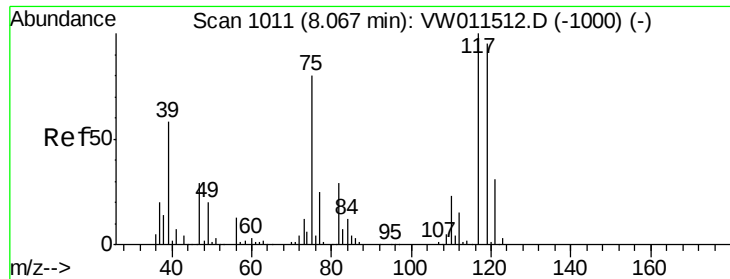
Tgt Ion:113 Resp: 129771
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.7 124.1
 192 19.7 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.048 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011787.D
 Acq: 09 Aug 2019 00:13

Tgt Ion: 75 Resp: 21979
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.6 46.8#
 77 0.1 24.3 36.5#

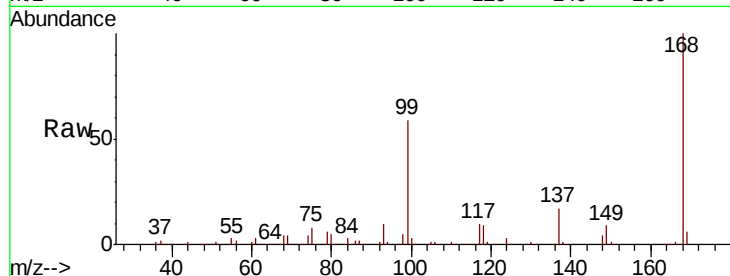




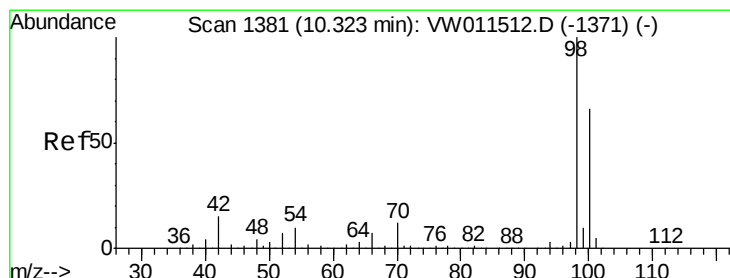
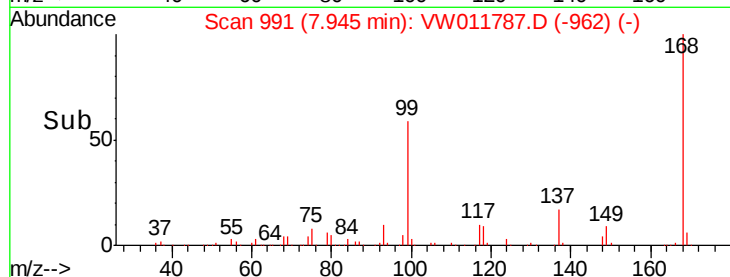
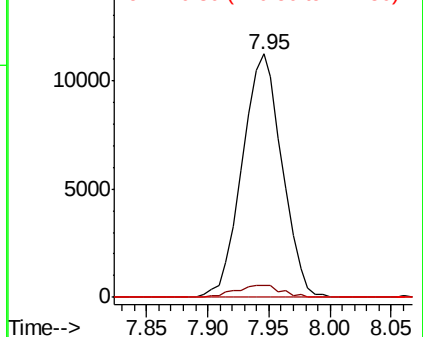
#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Instrument :
MSVOA_W
ClientSampleId :
2S-F3-(0)

Tgt Ion: 117 Resp: 25414
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.7 37.1#

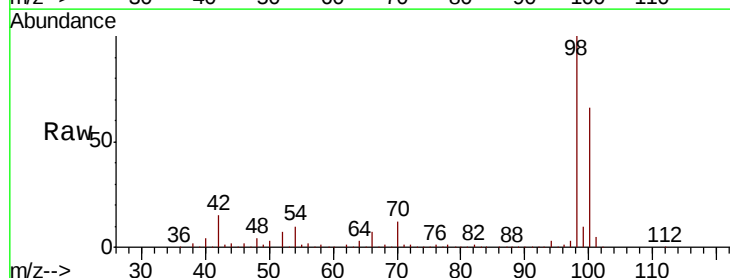


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

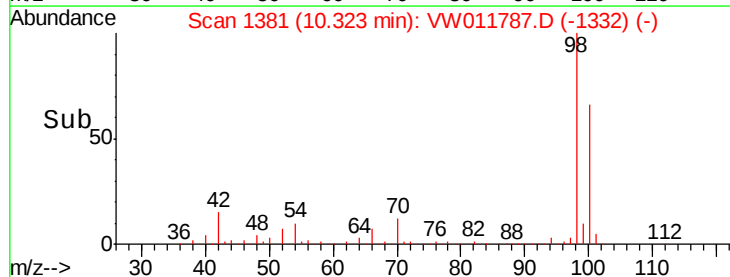
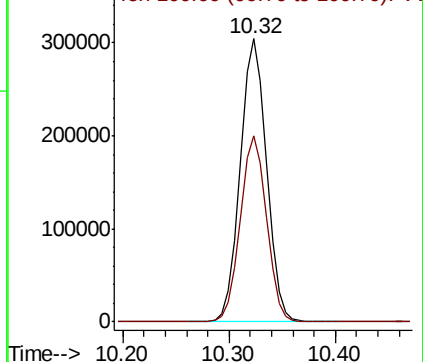


#50
Toluene-d8
Concen: 55.098 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Tgt Ion: 98 Resp: 529947
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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

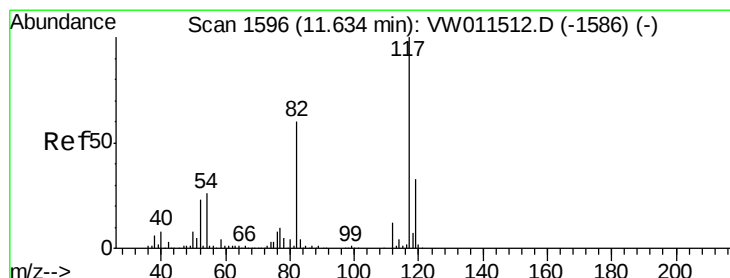
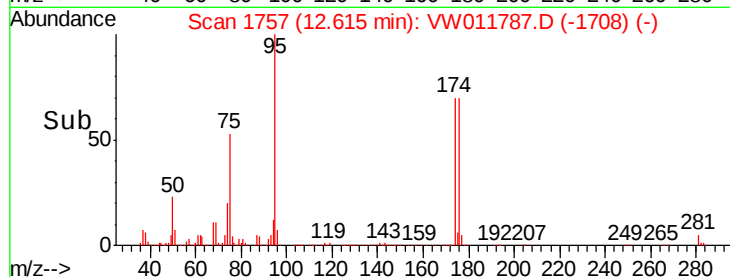
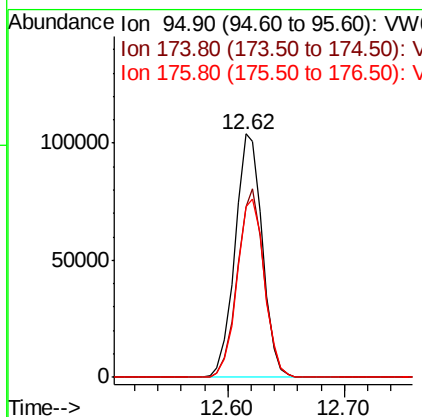
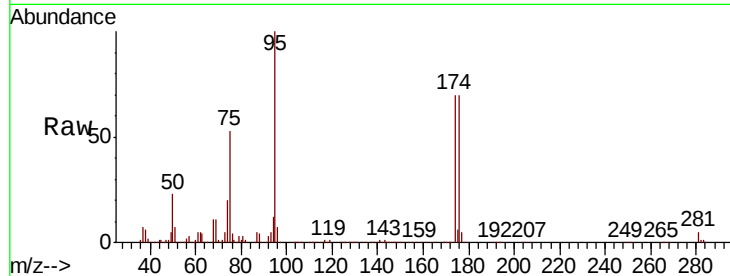




#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

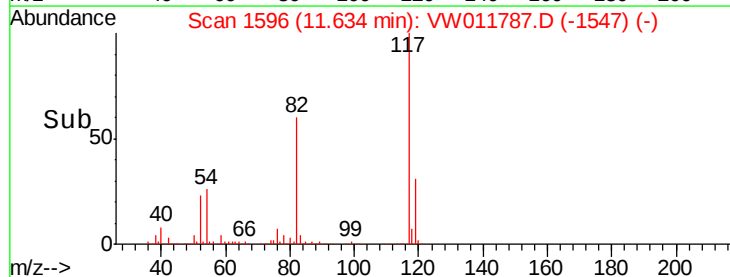
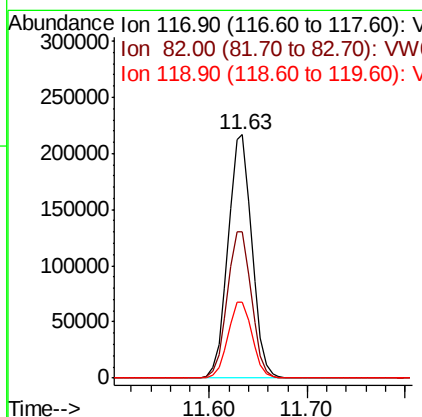
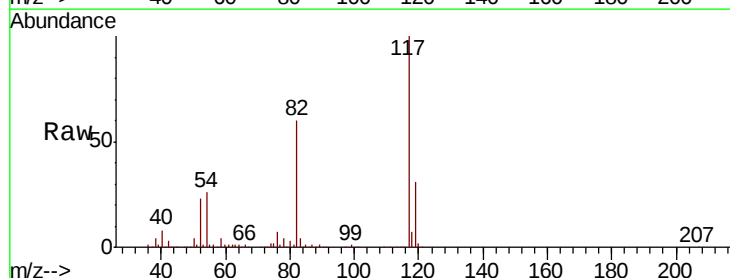
Instrument :
MSVOA_W
ClientSampleId :
2S-F3-(0)

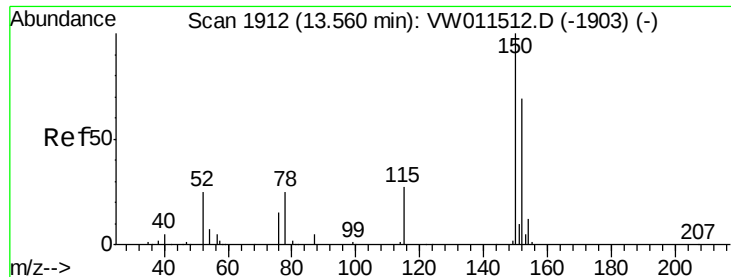
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.2
176	73.8	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.9	71.9
119	31.2	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011787.D

Acq: 09 Aug 2019 00:13

Instrument :

MSVOA_W

ClientSampleId :

2S-F3-(0)

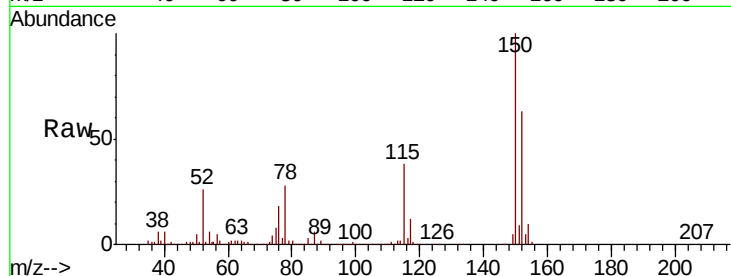
Tgt Ion:152 Resp: 136866

Ion Ratio Lower Upper

152 100

115 61.6 30.5 91.5

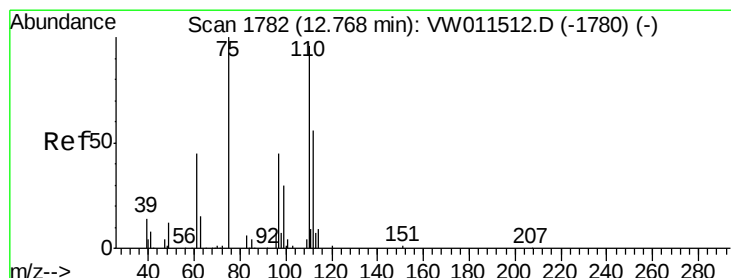
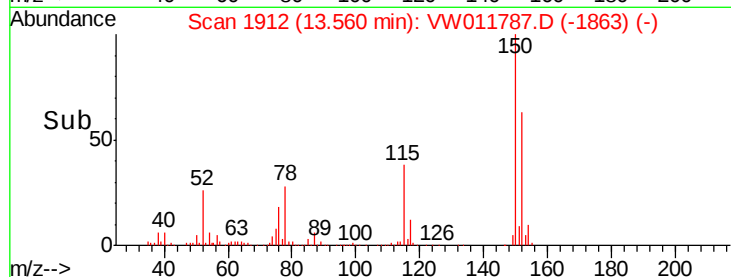
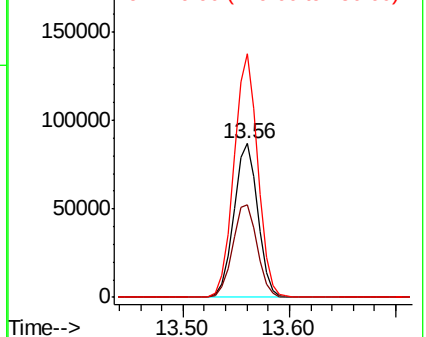
150 157.0 0.0 352.6



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: 62.329 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011787.D

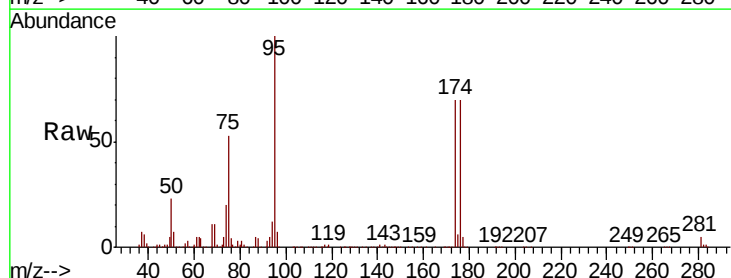
Acq: 09 Aug 2019 00:13

Tgt Ion: 75 Resp: 90265

Ion Ratio Lower Upper

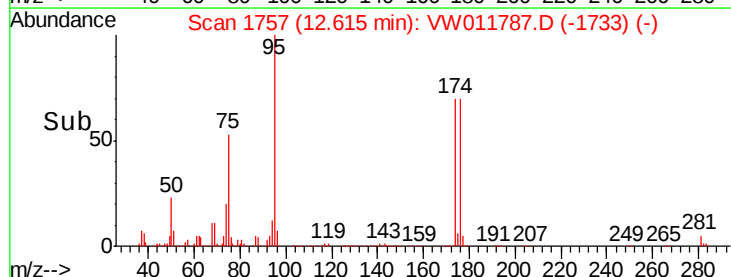
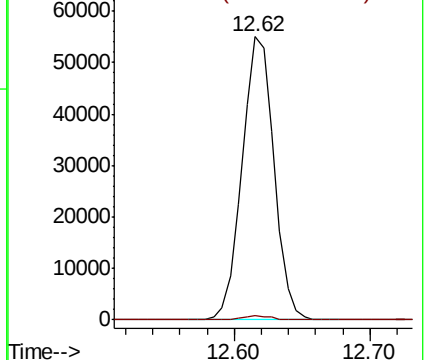
75 100

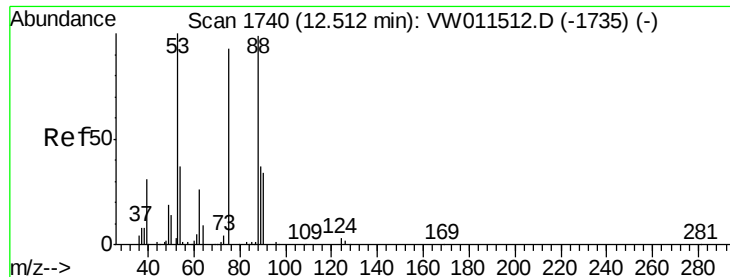
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

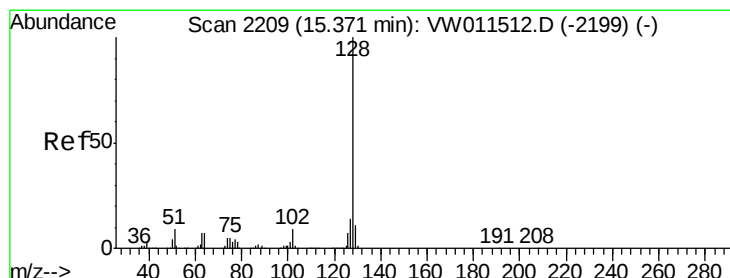
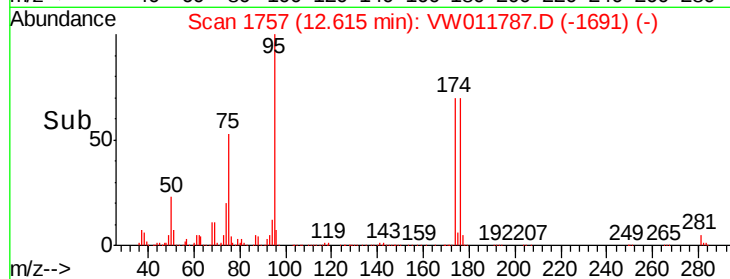
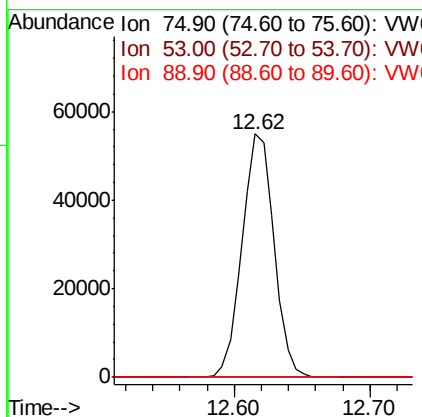
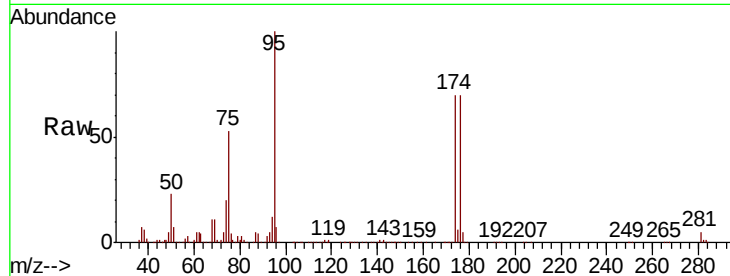




#81
trans-1,4-Dichloro-2-butene
Concen: 143.647 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Instrument :
MSVOA_W
ClientSampleId :
2S-F3-(0)

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.0	132.0#
89	0.1	35.3	52.9#



#95
Naphthalene
Concen: 2.147 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011787.D
Acq: 09 Aug 2019 00:13

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

