

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
 Data File : VW012146.D
 Acq On : 23 Aug 2019 21:07
 Operator : SY/VA
 Sample : K4474-08
 Misc : 5.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

Quant Time: Aug 26 07:30:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

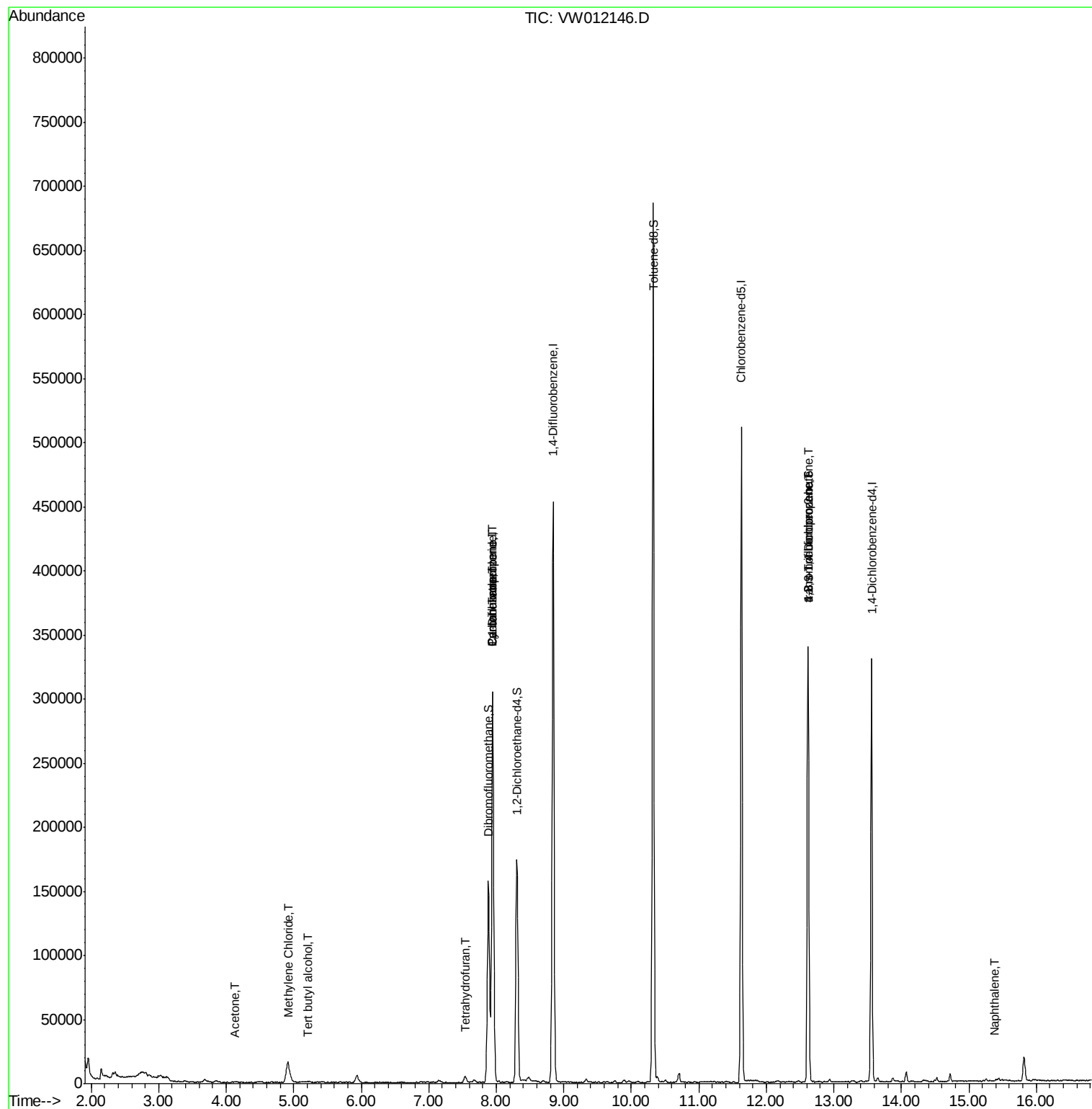
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139841	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	7.88	113	110631	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	10.32	98	427088	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	109638	36.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	1718	11.335	ug/l #	86
16) Acetone	4.13	43	869	1.350	ug/l	96
20) Methylene Chloride	4.92	84	11907	4.892	ug/l	95
29) Tetrahydrofuran	7.54	42	4201	8.004	ug/l	97
31) Cyclohexane	7.94	56	5881	1.296	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	18970	5.263	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21574	6.915	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	59679	78.534	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59679	172.188	ug/l #	6
95) Naphthalene	15.38	128	274	4.406	ug/l #	69

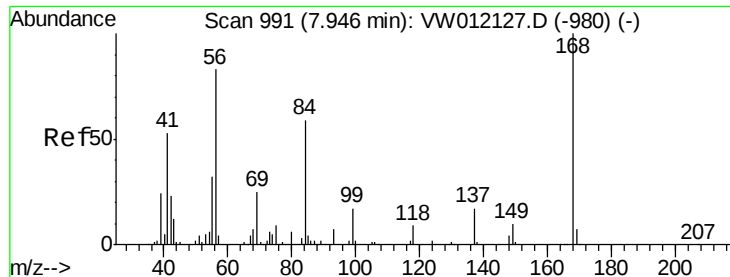
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
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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: VW012146.D

Acq: 23 Aug 2019 21:07

Instrument :

MSVOA_W

ClientSampleId :

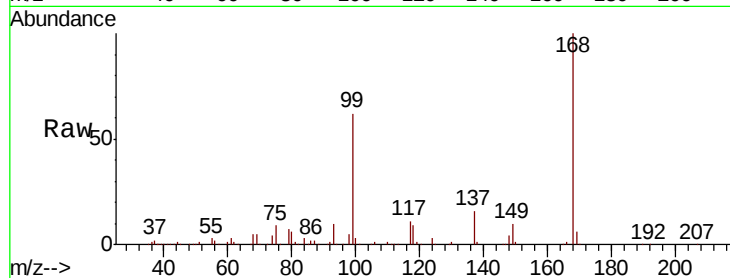
T1-2-F4-(2.5)

Tgt Ion:168 Resp: 211875

Ion Ratio Lower Upper

168 100

99 62.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

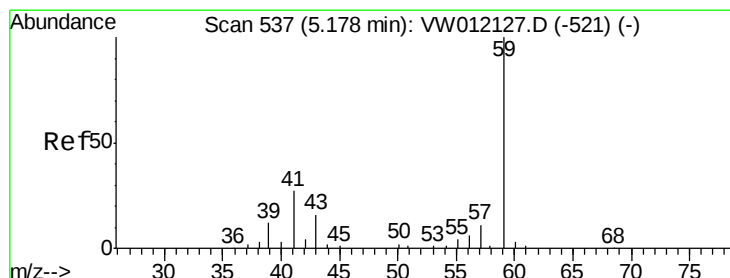
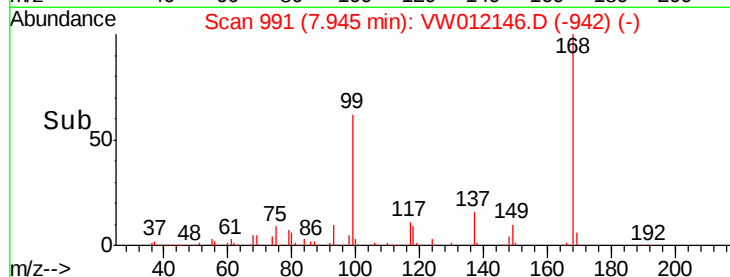
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.335 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW012146.D

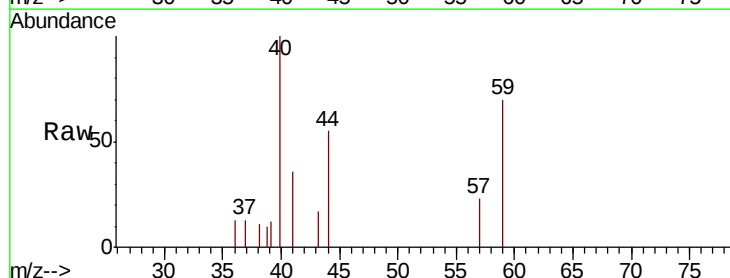
Acq: 23 Aug 2019 21:07

Tgt Ion: 59 Resp: 1718

Ion Ratio Lower Upper

59 100

57 5.9 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

400

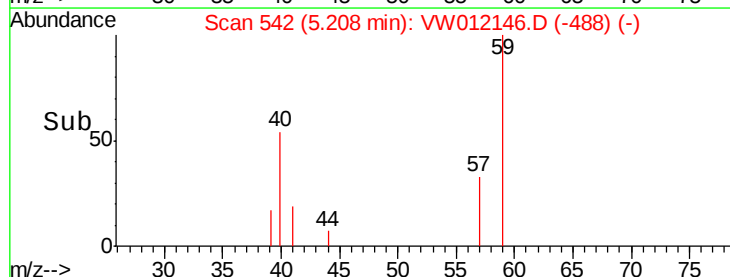
300

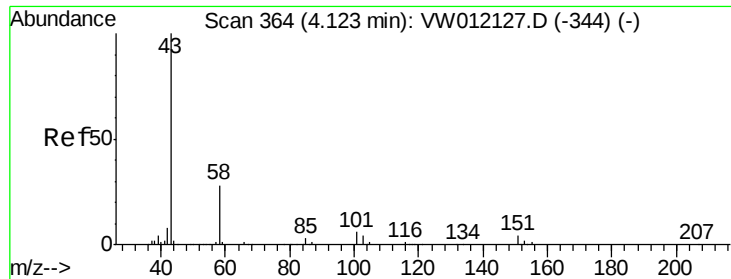
200

100

0

Time-->

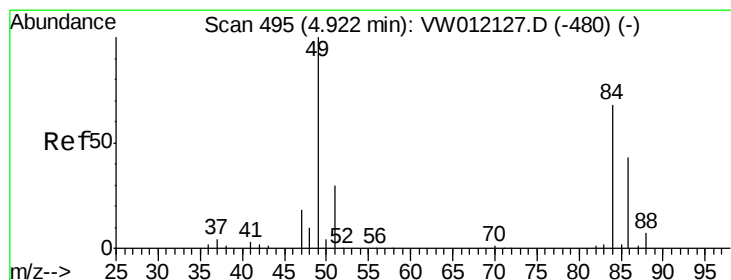
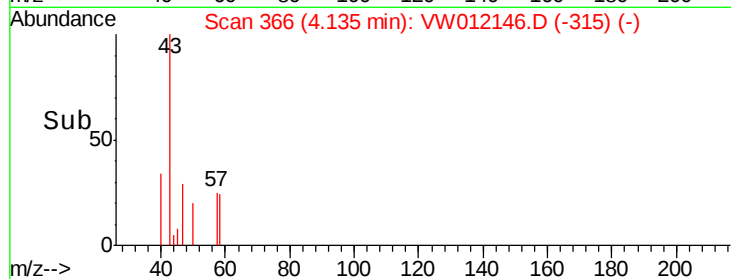
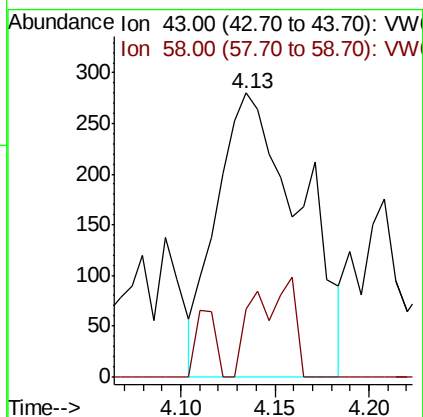
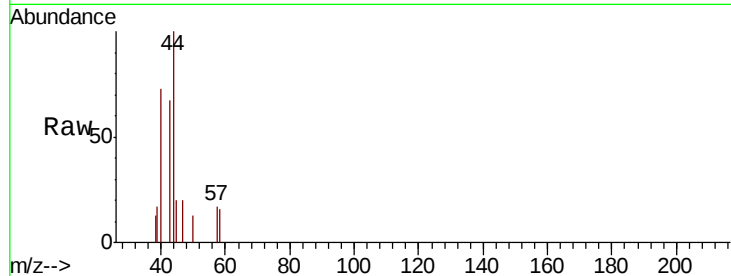




#16
Acetone
Concen: 1.350 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

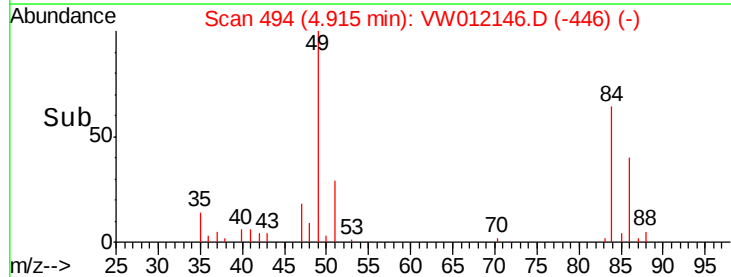
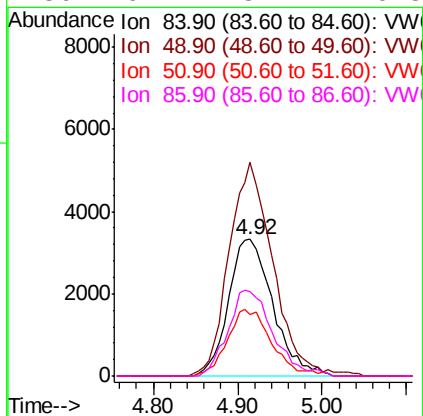
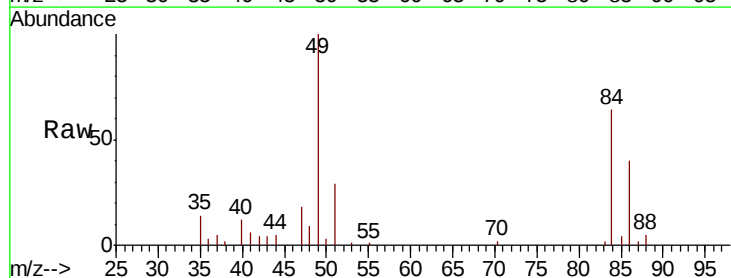
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(2.5)

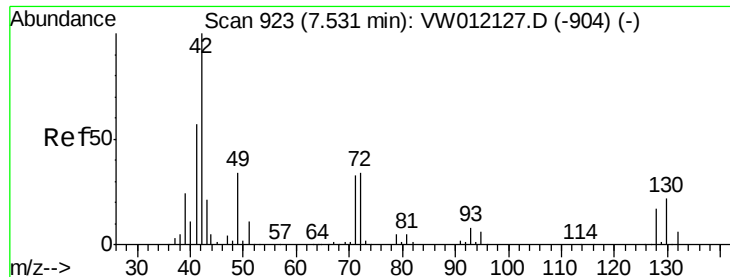
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 30.0 22.4 33.6



#20
Methylene Chloride
Concen: 4.892 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

Tgt Ion: 84 Resp: 11907
Ion Ratio Lower Upper
84 100
49 156.5 117.8 176.8
51 44.9 35.6 53.4
86 62.1 51.2 76.8





#29

Tetrahydrofuran

Concen: 8.004 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012146.D

Acq: 23 Aug 2019 21:07

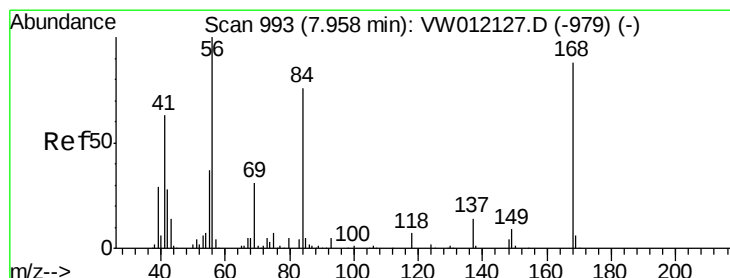
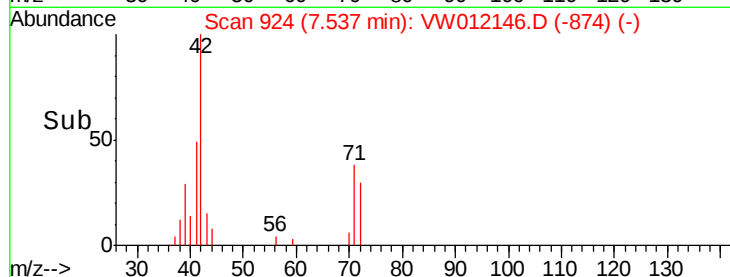
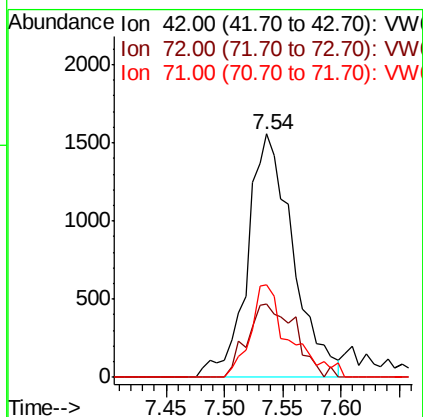
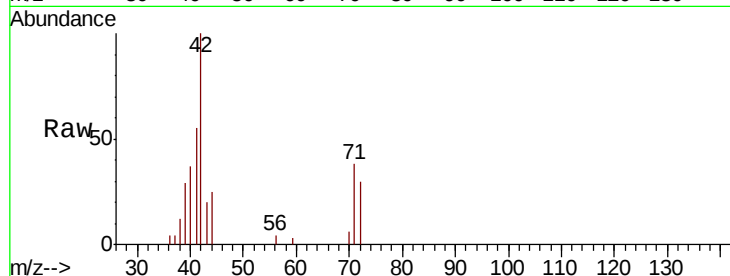
Instrument :

MSVOA_W

ClientSampleId :

T1-2-F4-(2.5)

Tgt Ion:	42	Resp:	4201
Ion	Ratio	Lower	Upper
42	100		
72	32.0	27.3	40.9
71	32.7	25.5	38.3



#31

Cyclohexane

Concen: 1.296 ug/l

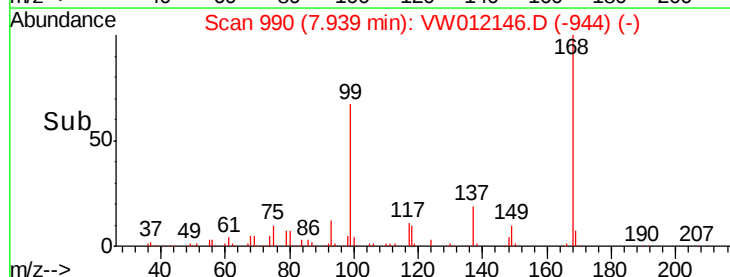
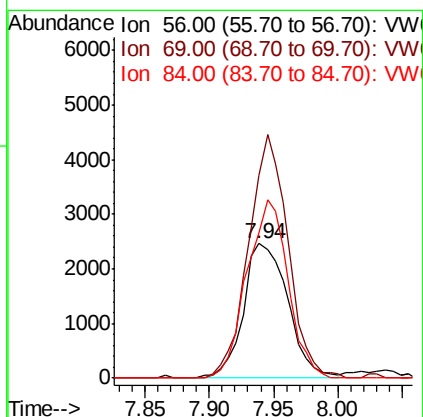
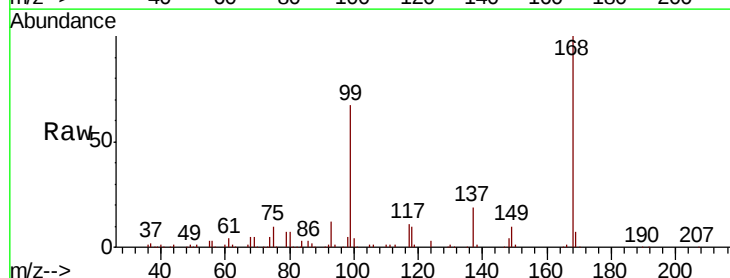
RT: 7.94 min Scan# 990

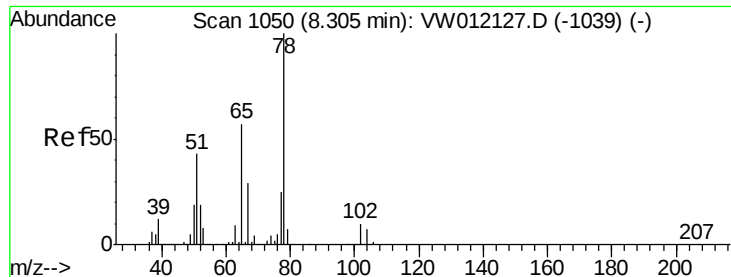
Delta R.T. -0.02 min

Lab File: VW012146.D

Acq: 23 Aug 2019 21:07

Tgt Ion:	56	Resp:	5881
Ion	Ratio	Lower	Upper
56	100		
69	150.7	24.9	37.3#
84	108.3	60.6	90.8#

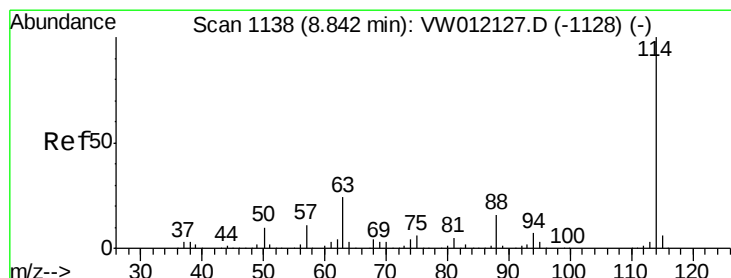
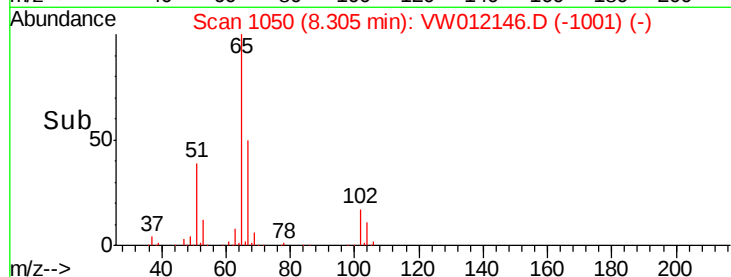
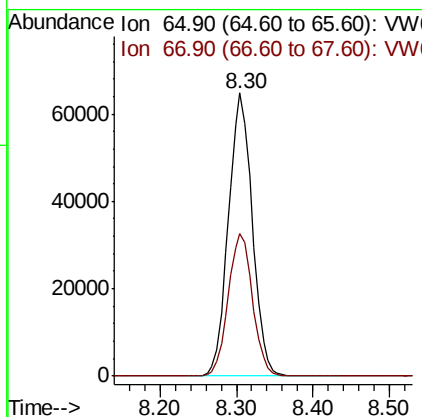
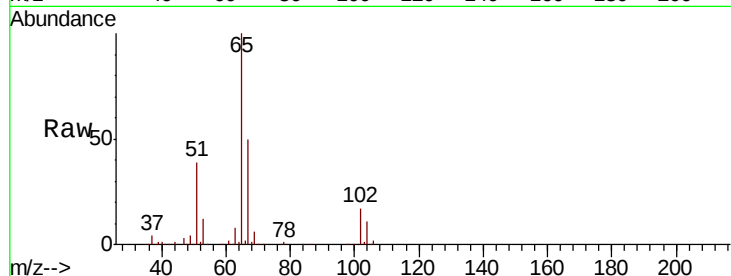




#33
 1,2-Dichloroethane-d4
 Concen: 55.522 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

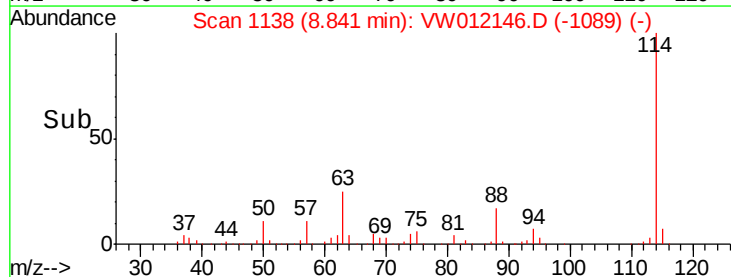
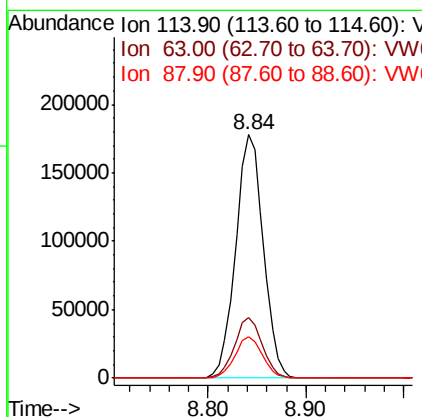
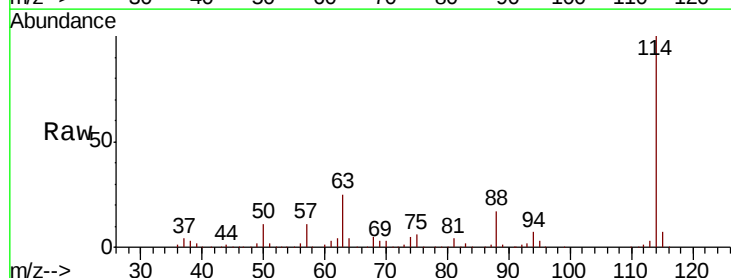
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

Tgt Ion: 65 Resp: 139841
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Tgt Ion: 114 Resp: 348809
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.8 0.0 32.2

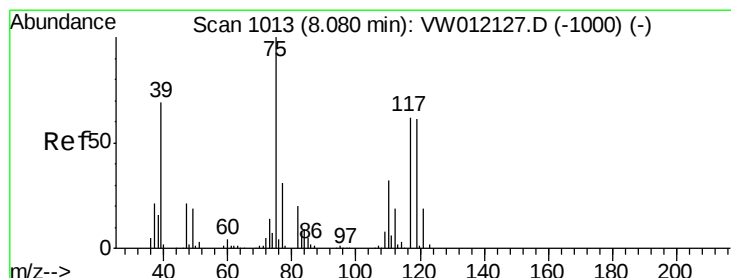
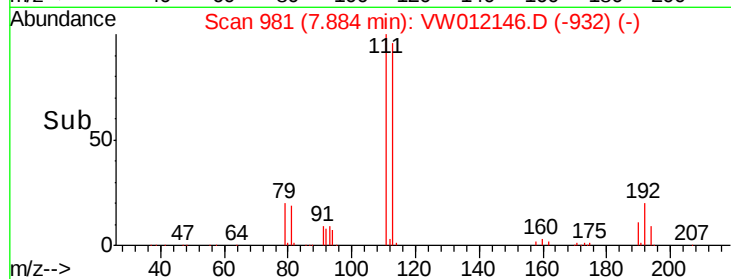
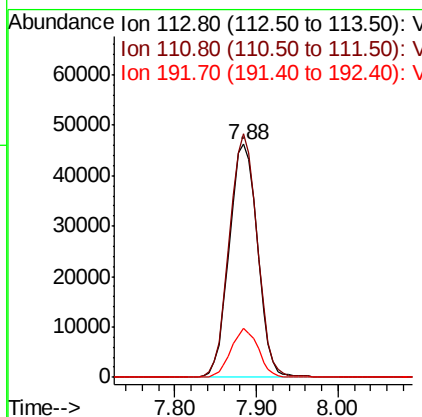
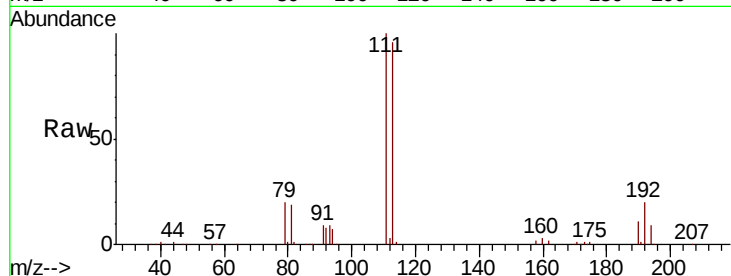




#35
 Dibromofluoromethane
 Concen: 53.136 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

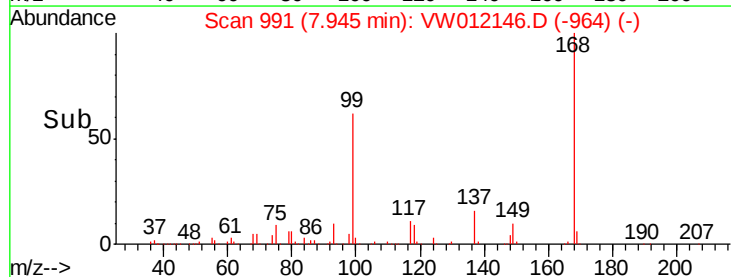
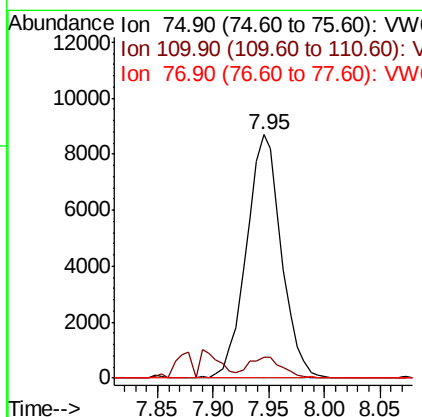
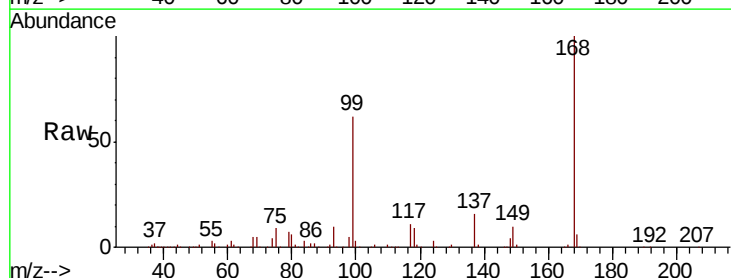
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

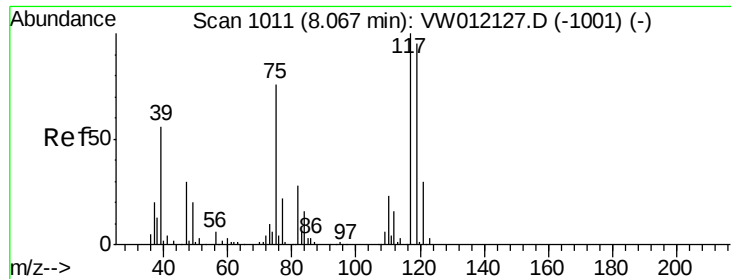
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.3	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.263 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.6	46.8#
77	0.0	24.6	36.8#

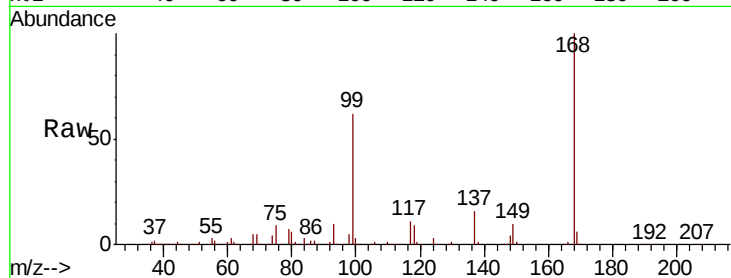




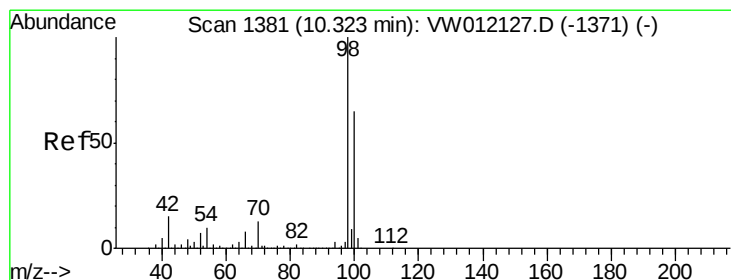
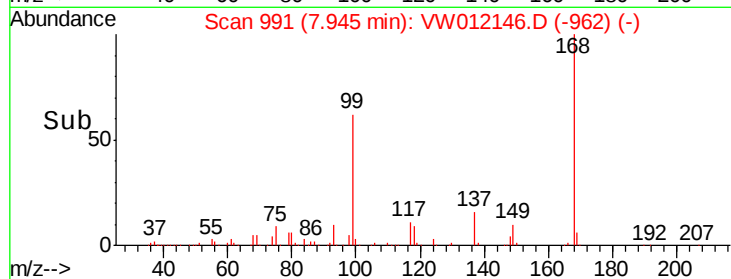
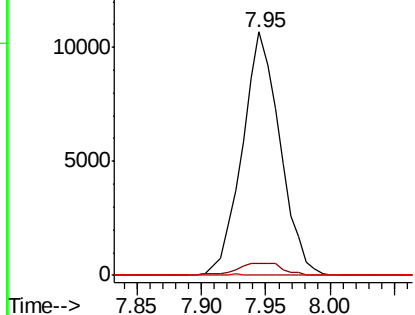
#38
Carbon Tetrachloride
Concen: 6.915 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(2.5)

Tgt Ion:117 Resp: 21574
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 23.8 35.8#

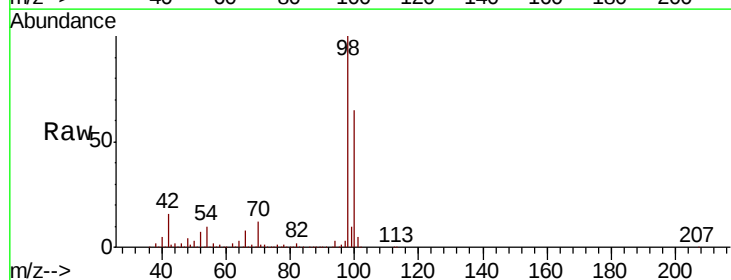


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

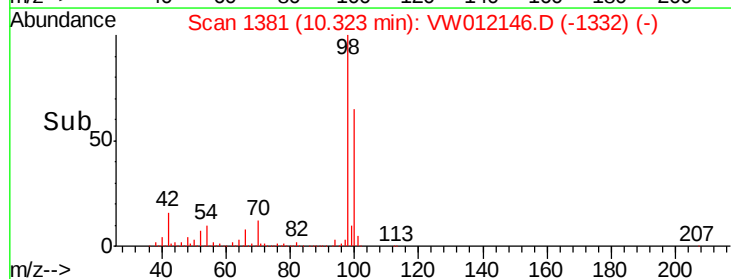
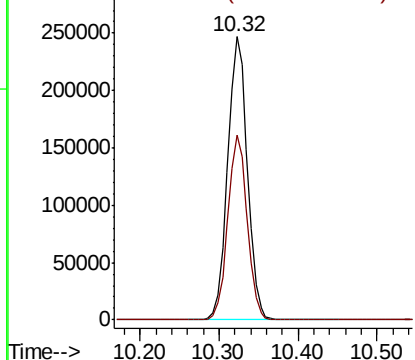


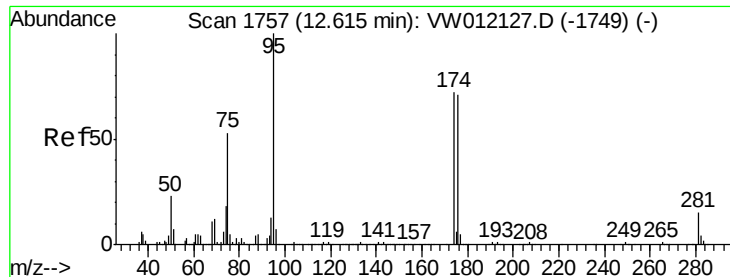
#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

Tgt Ion: 98 Resp: 427088
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



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

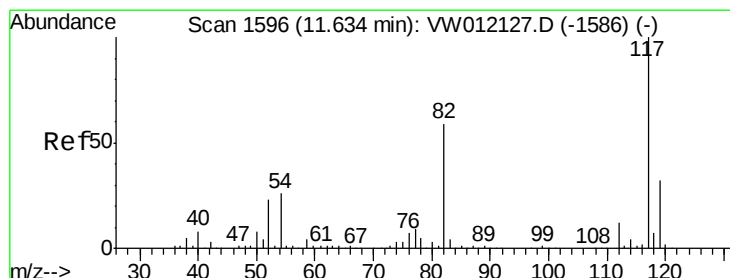
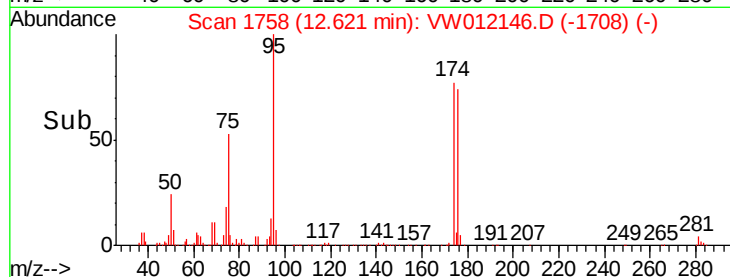
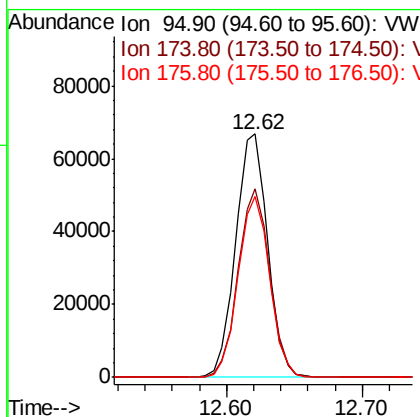
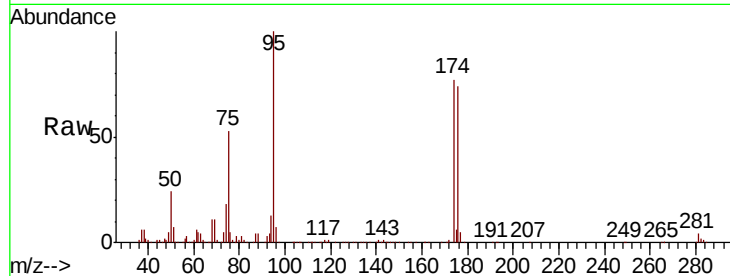




#62
4-Bromofluorobenzene
Concen: 36.843 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

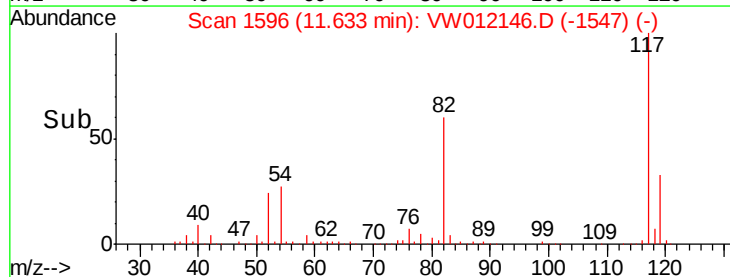
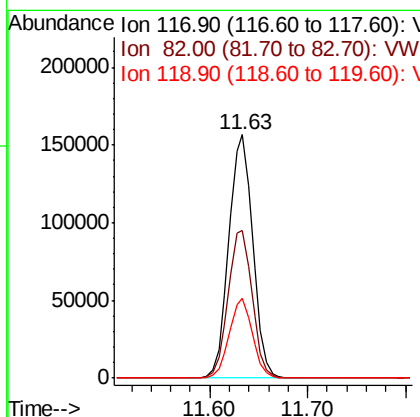
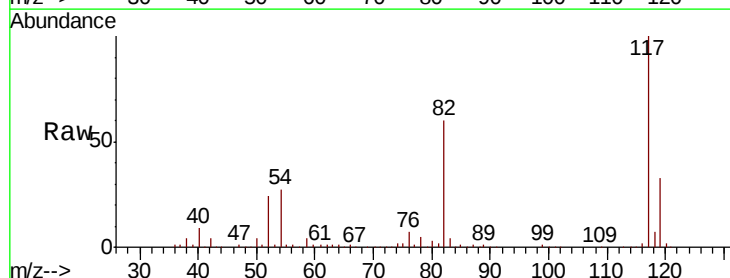
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(2.5)

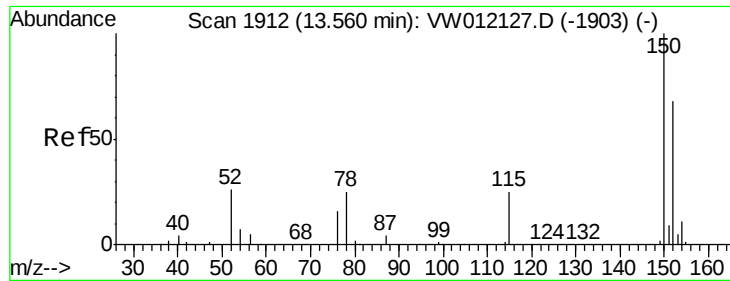
Tgt Ion: 95 Resp: 109638
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.8
176 73.2 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

Tgt Ion: 117 Resp: 265815
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012146.D

Acq: 23 Aug 2019 21:07

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F4(2.5)

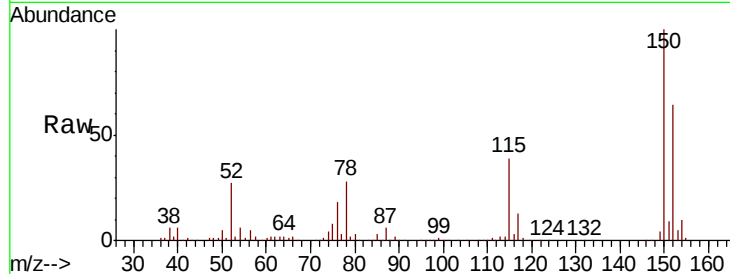
Tgt Ion:152 Resp: 78026

Ion Ratio Lower Upper

152 100

115 62.5 30.1 90.3

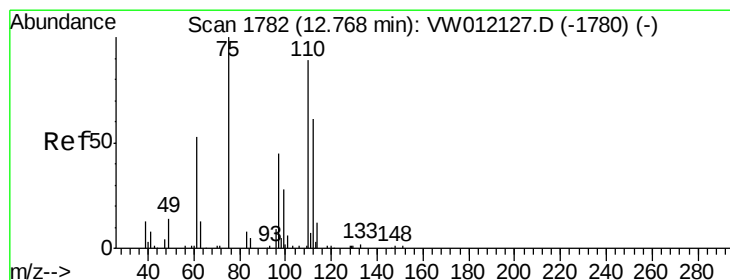
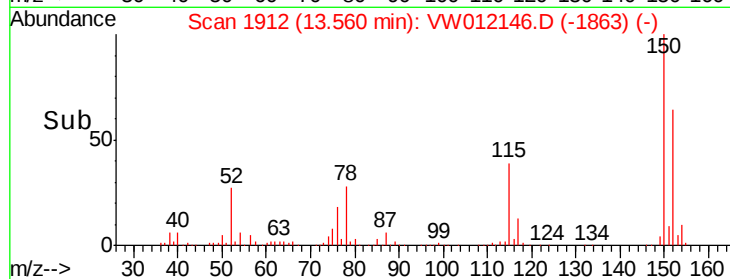
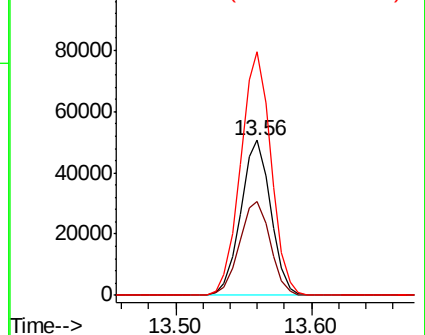
150 158.8 0.0 345.8



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: 78.534 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW012146.D

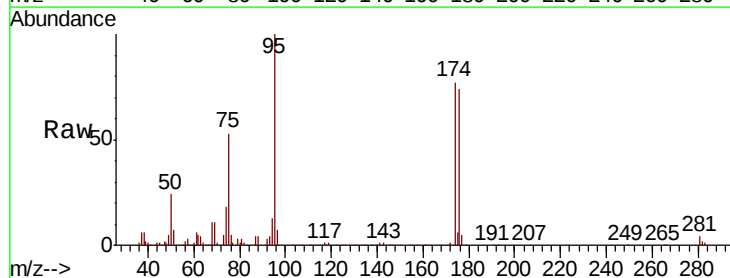
Acq: 23 Aug 2019 21:07

Tgt Ion: 75 Resp: 59679

Ion Ratio Lower Upper

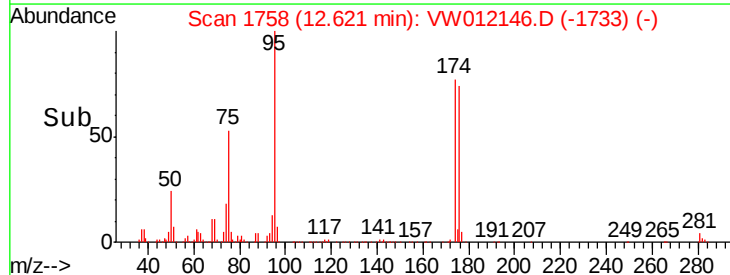
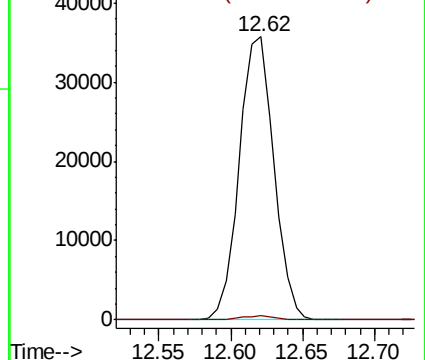
75 100

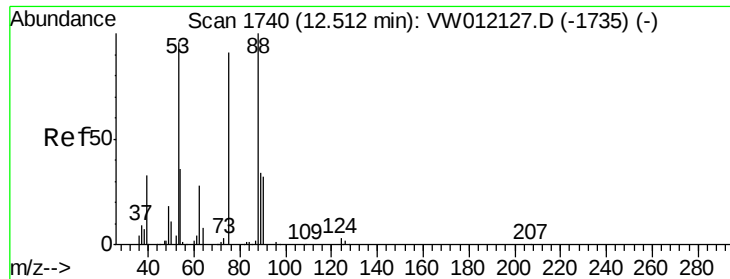
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

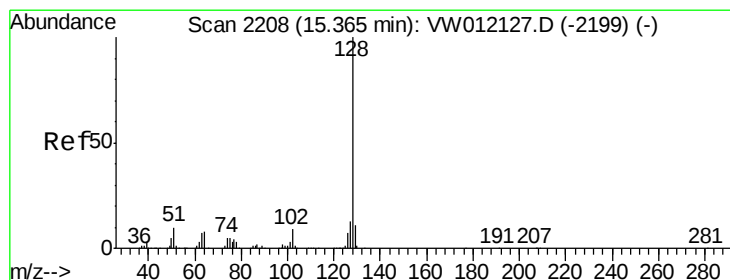
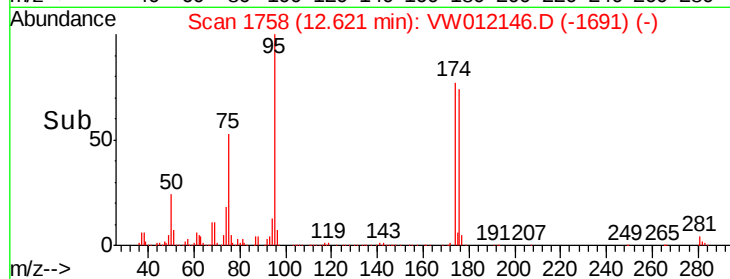
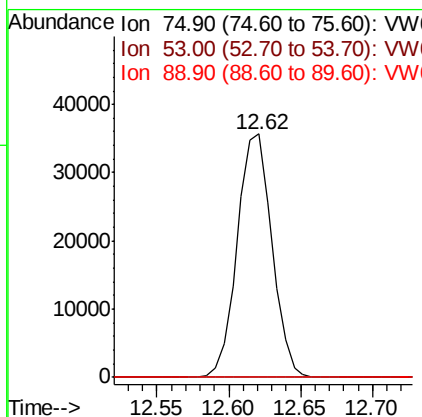
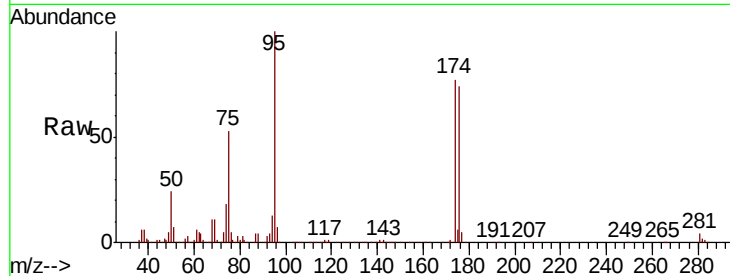




#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.188 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

Tgt Ion: 75 Resp: 59679
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.4 134.0#
 89 0.0 34.5 51.7#



#95
 Naphthalene
 Concen: 4.406 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Tgt Ion: 128 Resp: 274
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 0.0 8.7 13.1#

