

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012570.D
 Acq On : 04 Sep 2019 02:40
 Operator : SY/VA
 Sample : K4525-04
 Misc : 5.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(0)

Quant Time: Sep 04 06:53:09 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

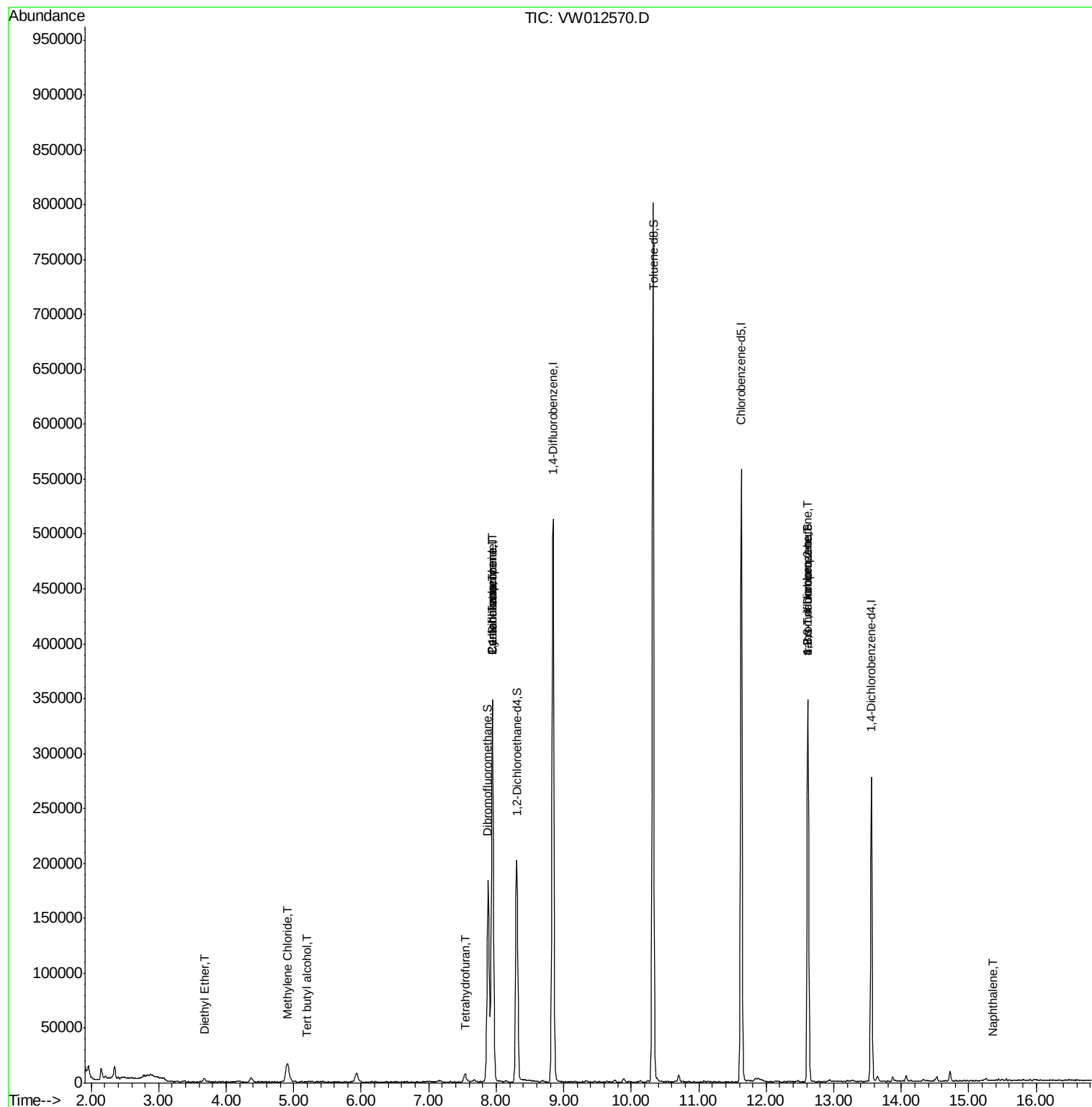
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	170954	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	131144	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	10.32	98	488382	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	110333	31.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.54%	
Target Compounds						
8) Diethyl Ether	3.67	74	1509	1.078	ug/l	70
11) Tert butyl alcohol	5.19	59	303	1.683	ug/l #	71
20) Methylene Chloride	4.91	84	13030	4.508	ug/l	93
29) Tetrahydrofuran	7.54	42	6210	9.962	ug/l	96
31) Cyclohexane	7.95	56	6325	1.174	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	21871	5.199	ug/l #	53
38) Carbon Tetrachloride	7.95	117	26286	7.219	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	61071	89.982	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61071	197.289	ug/l #	6
95) Naphthalene	15.36	128	170	4.380	ug/l #	69

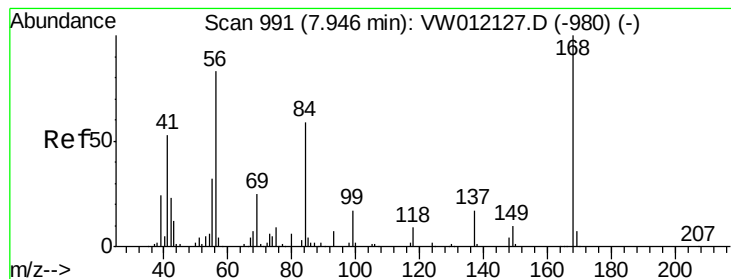
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012570.D

Acq: 04 Sep 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :

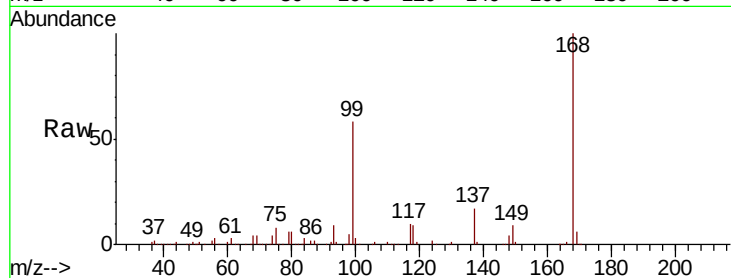
T9-12-13-A3-(0)

Tgt Ion:168 Resp: 251628

Ion Ratio Lower Upper

168 100

99 57.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

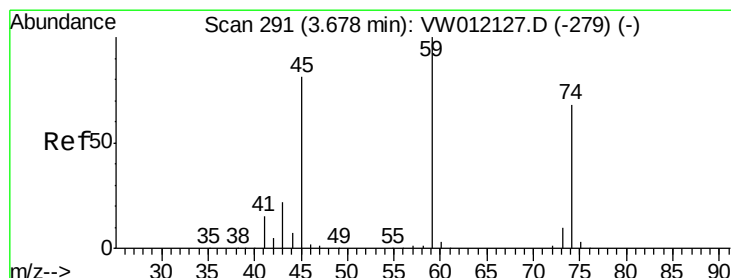
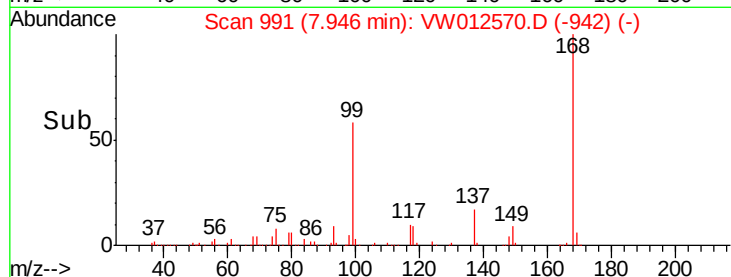
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.078 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012570.D

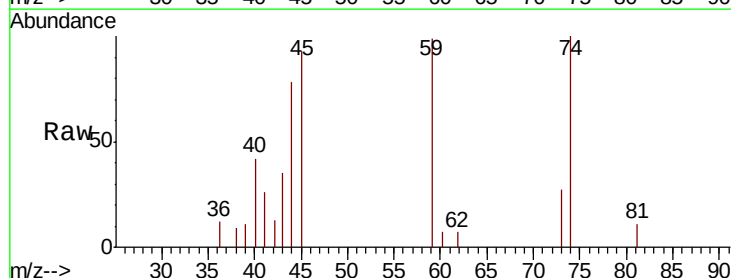
Acq: 04 Sep 2019 02:40

Tgt Ion: 74 Resp: 1509

Ion Ratio Lower Upper

74 100

45 151.6 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1000

800

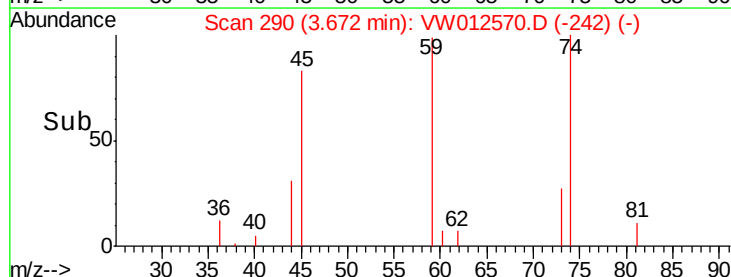
600

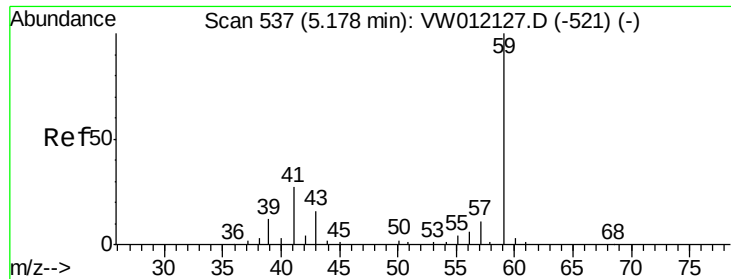
400

200

0

Time-->

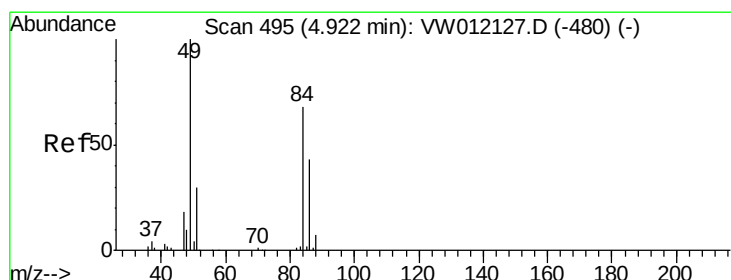
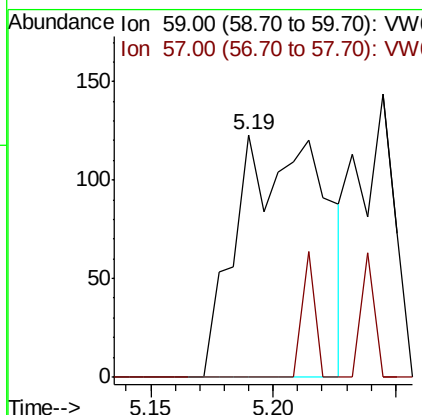
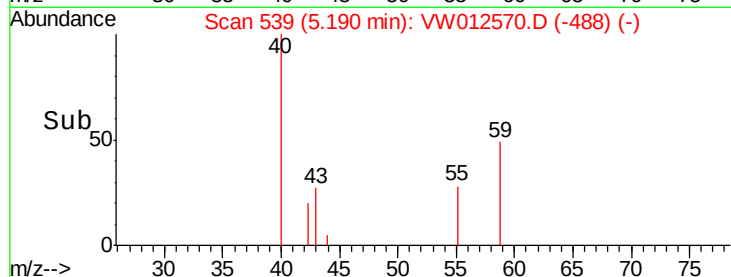
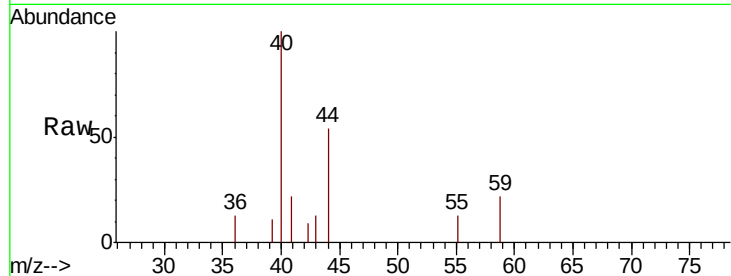




#11
 Tert butyl alcohol
 Concen: 1.683 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

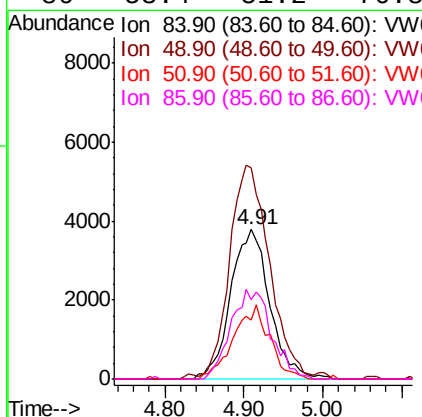
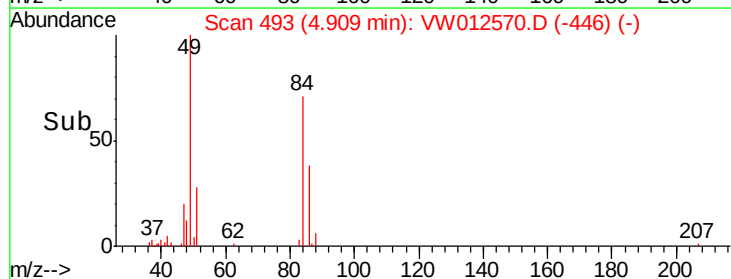
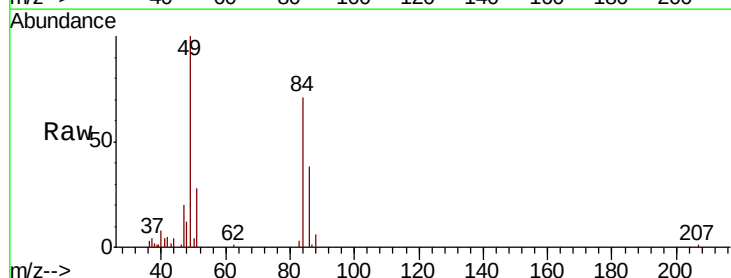
Instrument :
 MSVOA_W
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 T9-12-13-A3-(0)

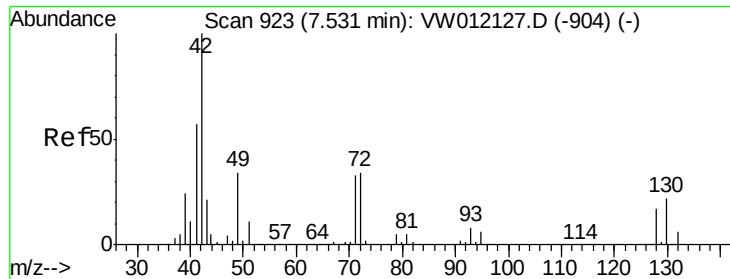
Tgt Ion: 59 Resp: 303
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#



#20
 Methylene Chloride
 Concen: 4.508 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

Tgt Ion: 84 Resp: 13030
 Ion Ratio Lower Upper
 84 100
 49 141.3 117.8 176.8
 51 39.7 35.6 53.4
 86 53.4 51.2 76.8

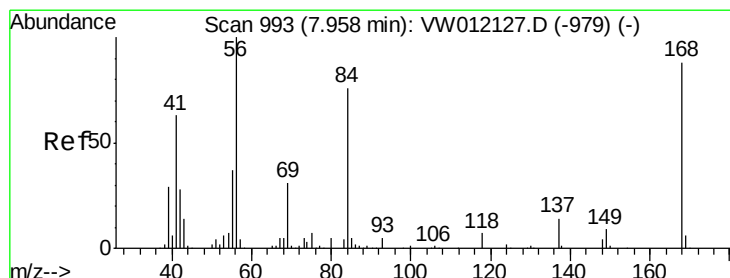
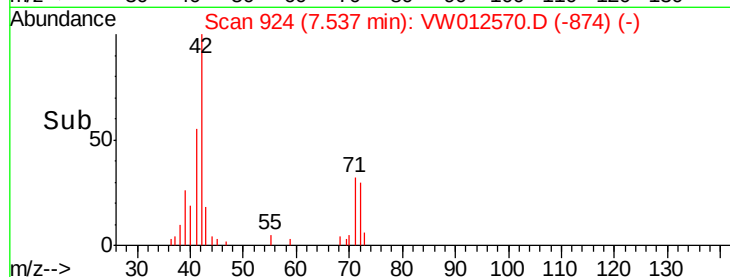
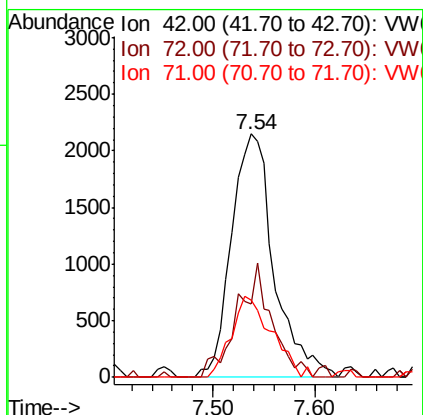
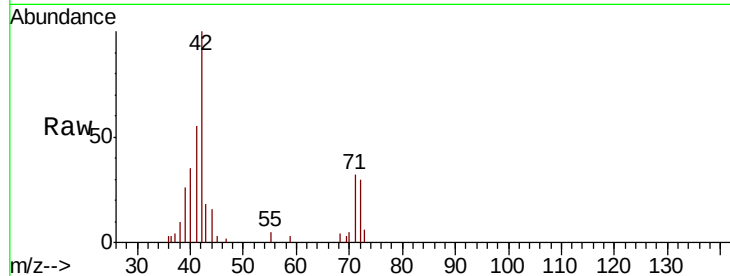




#29
Tetrahydrofuran
Concen: 9.962 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

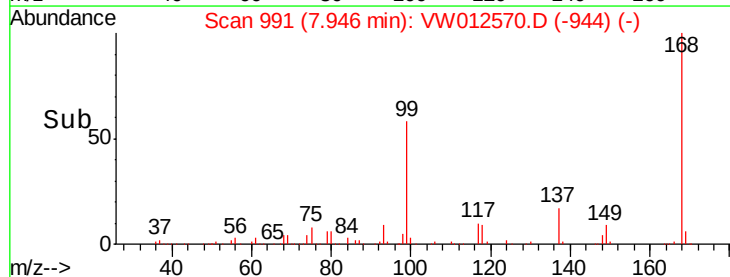
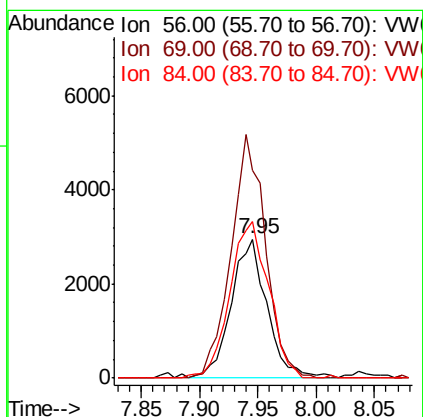
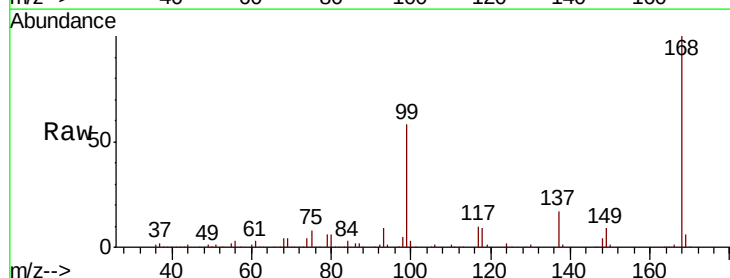
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(0)

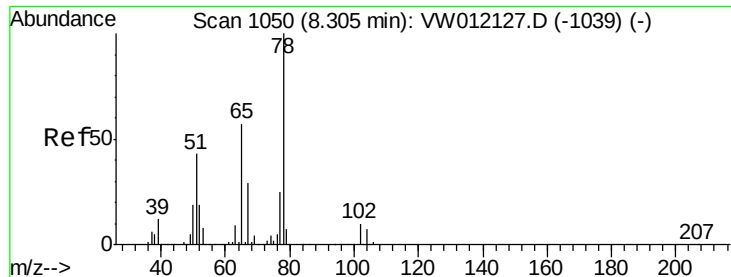
Tgt Ion: 42 Resp: 6210
Ion Ratio Lower Upper
42 100
72 38.1 27.3 40.9
71 31.5 25.5 38.3



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Tgt Ion: 56 Resp: 6325
Ion Ratio Lower Upper
56 100
69 149.2 24.9 37.3#
84 113.0 60.6 90.8#

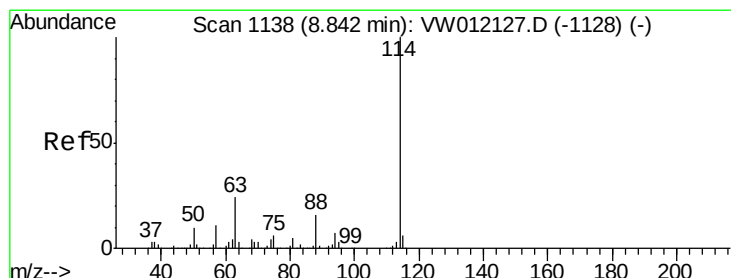
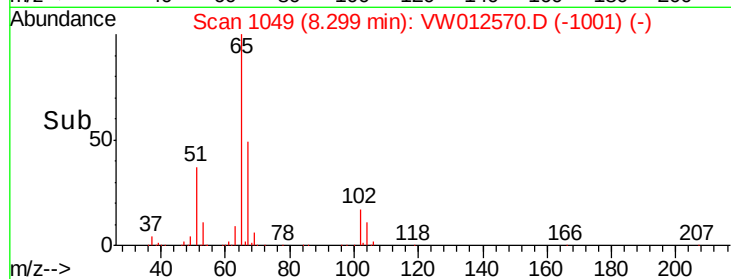
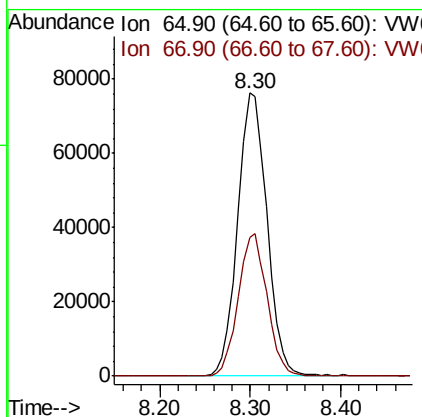
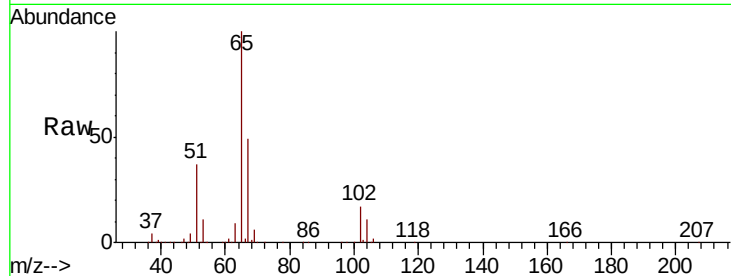




#33
 1,2-Dichloroethane-d4
 Concen: 57.152 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

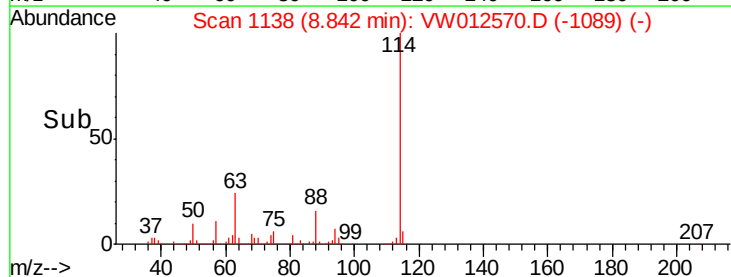
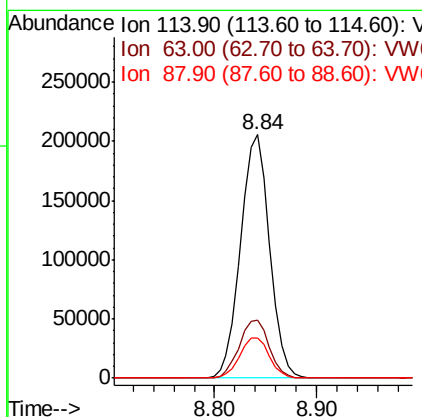
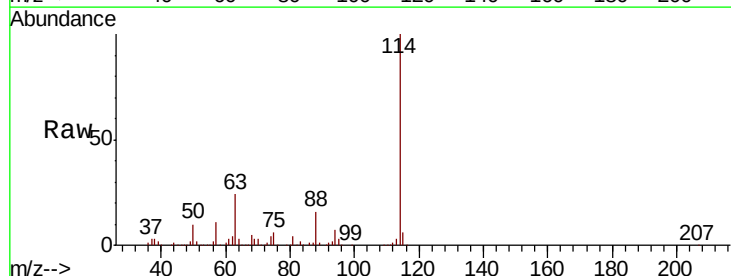
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(0)

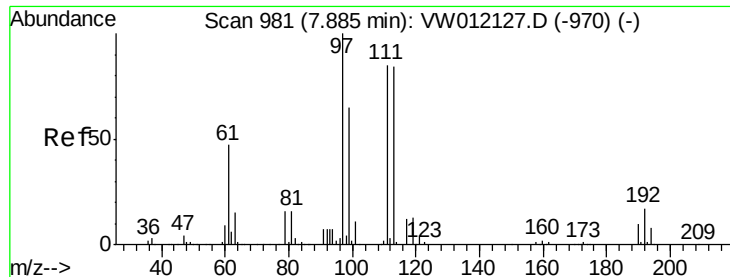
Tgt Ion: 65 Resp: 170954
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

Tgt Ion: 114 Resp: 407117
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.5 0.0 32.2

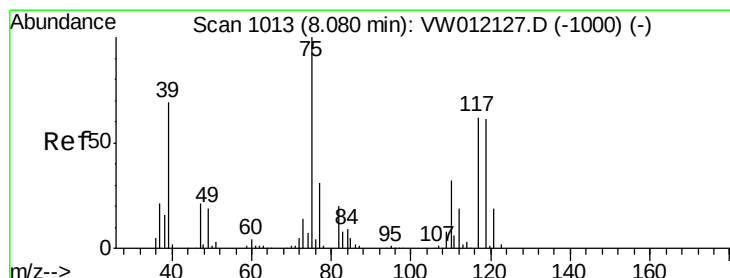
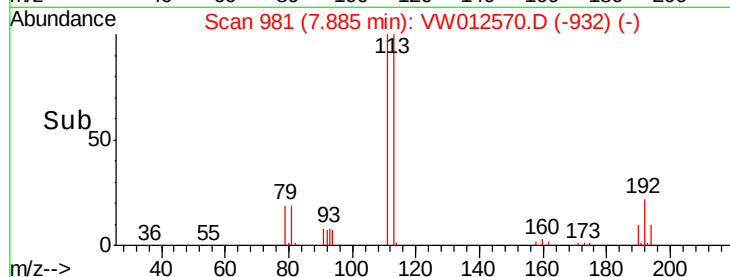
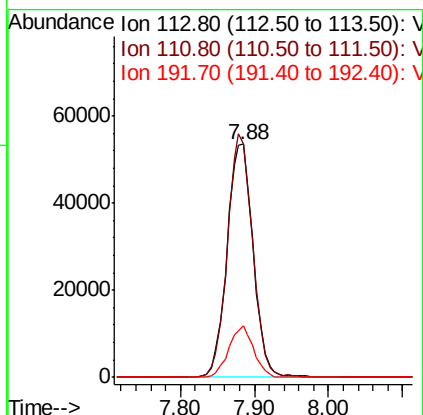
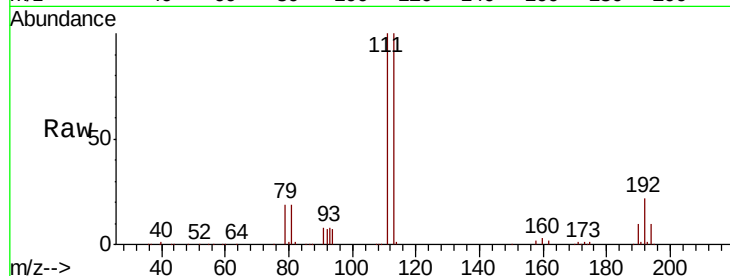




#35
 Dibromofluoromethane
 Concen: 53.967 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

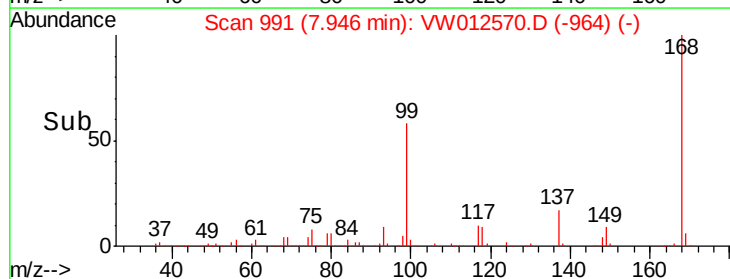
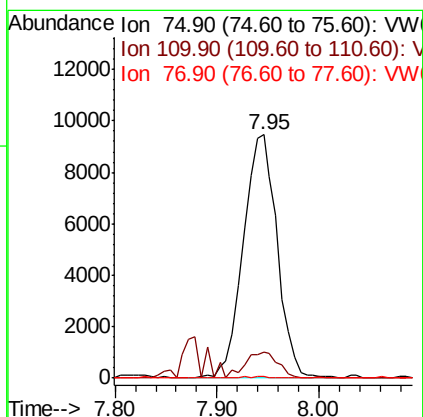
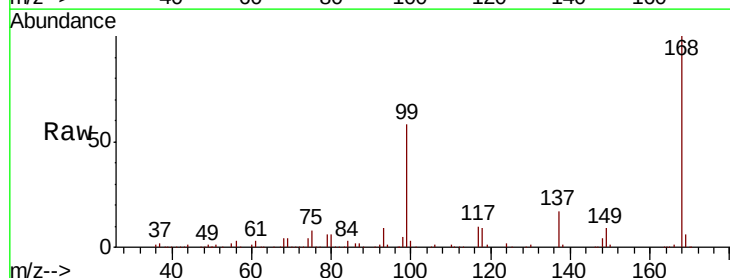
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 T9-12-13-A3-(0)

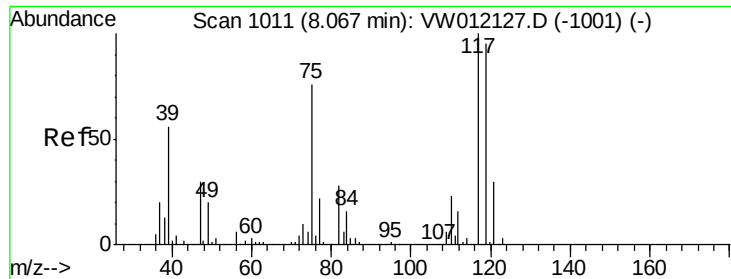
Tgt Ion:113 Resp: 131144
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.7 124.1
 192 20.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.199 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

Tgt Ion: 75 Resp: 21871
 Ion Ratio Lower Upper
 75 100
 110 10.4 15.6 46.8#
 77 0.2 24.6 36.8#

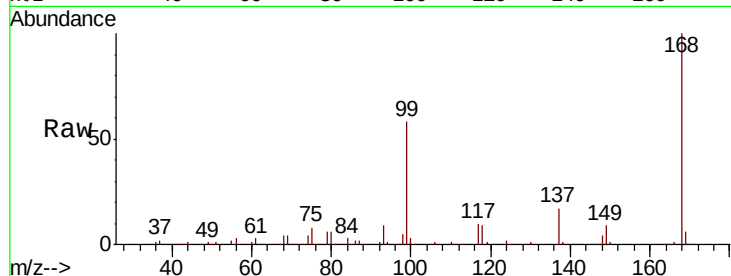




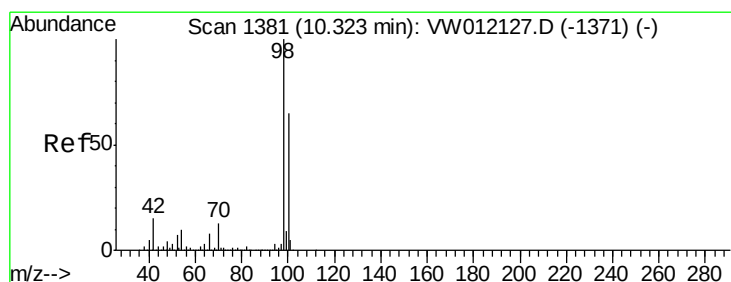
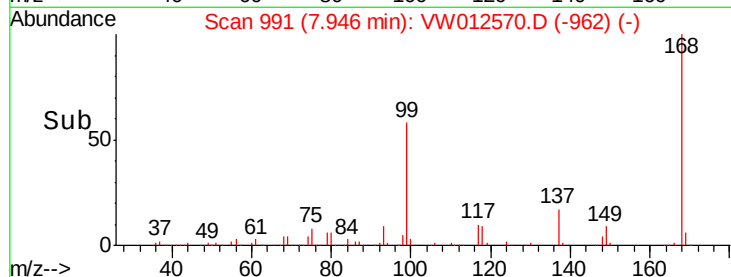
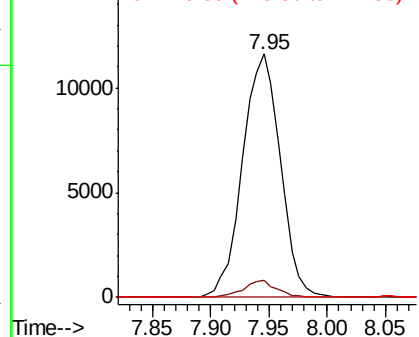
#38
Carbon Tetrachloride
Concen: 7.219 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(0)

Tgt Ion:117 Resp: 26286
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 23.8 35.8#

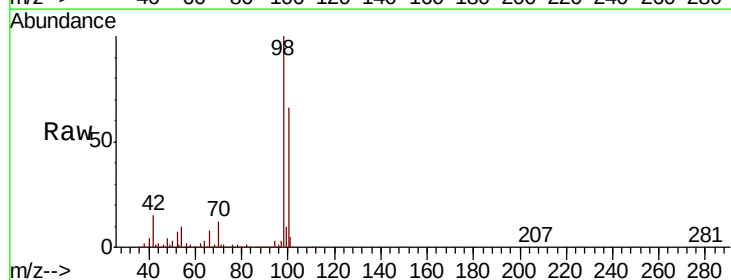


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

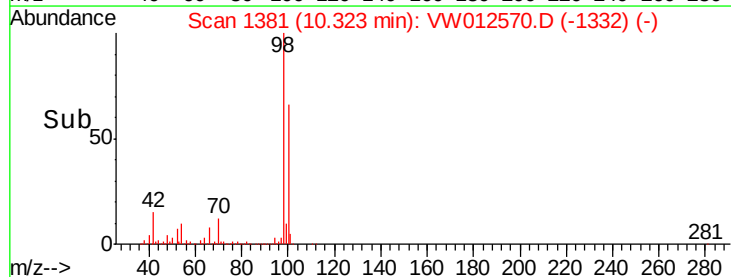
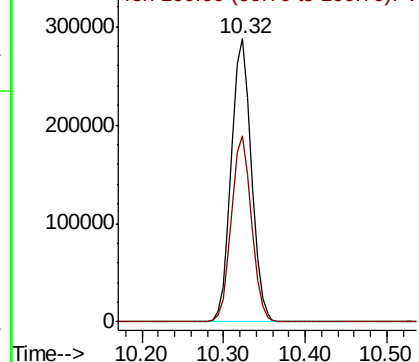


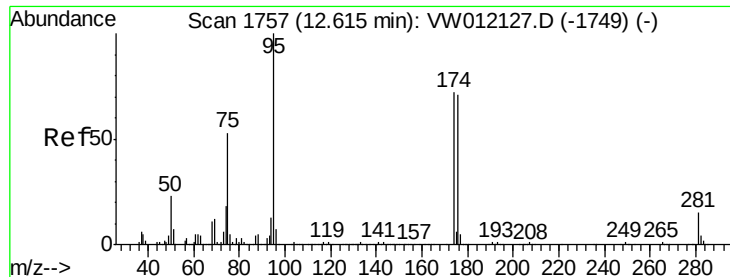
#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Tgt Ion: 98 Resp: 488382
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



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

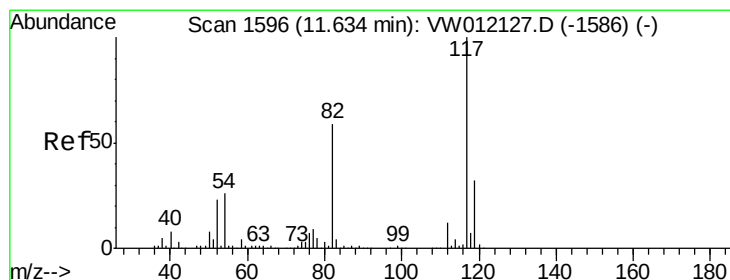
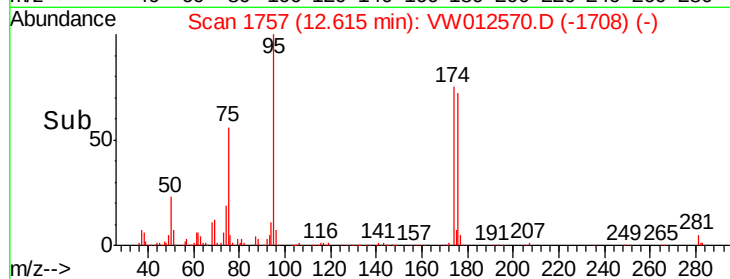
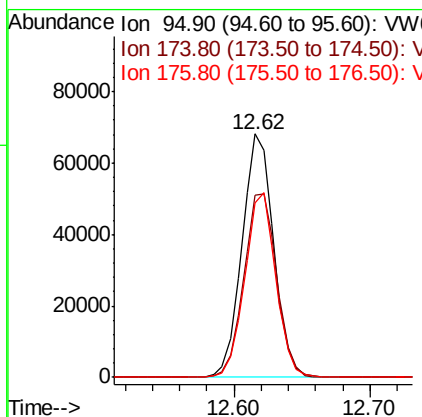
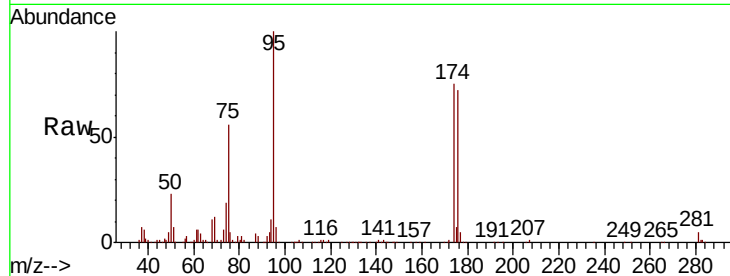




#62
4-Bromofluorobenzene
Concen: 31.766 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

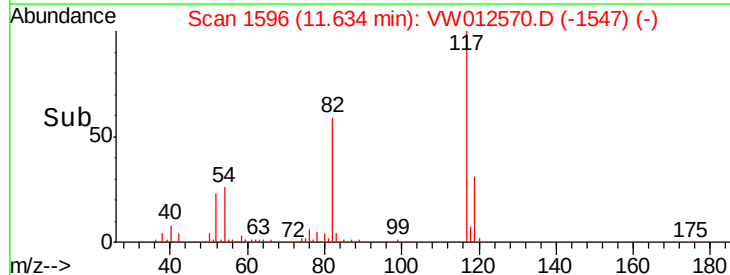
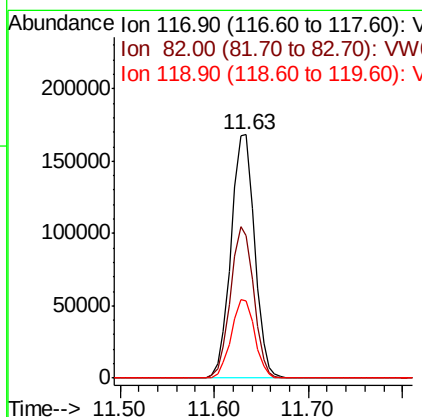
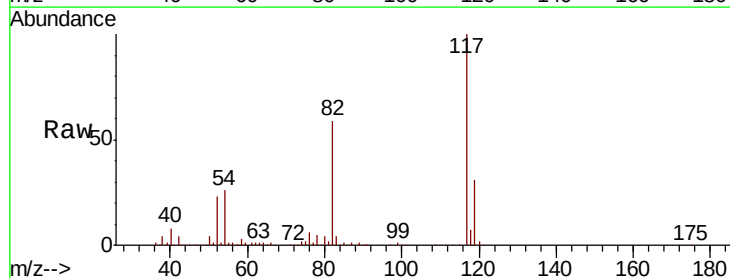
Instrument :
MSVOA_W
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T9-12-13-A3-(0)

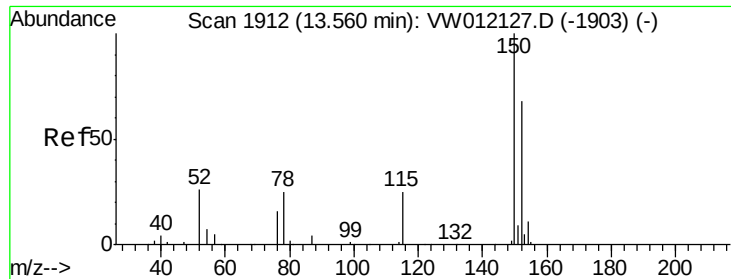
Tgt Ion: 95 Resp: 110333
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.8
176 74.9 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Tgt Ion: 117 Resp: 293944
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.5 25.4 38.2



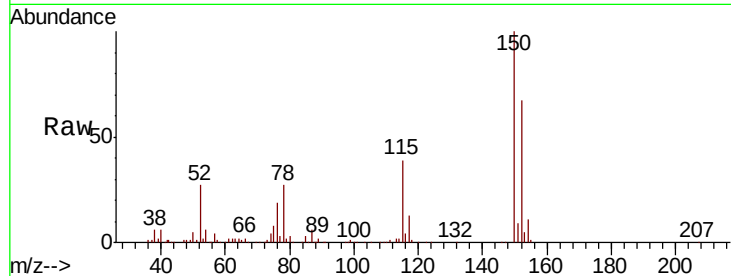


#72

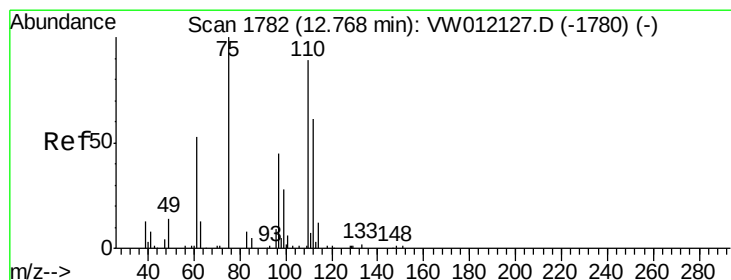
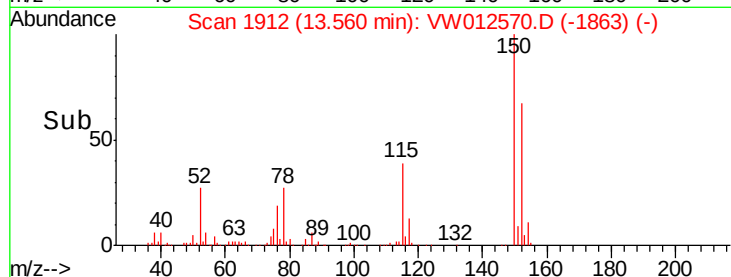
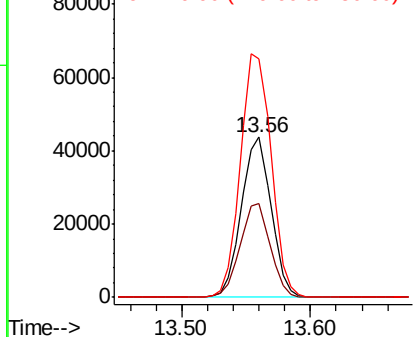
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(0)

Tgt Ion:152 Resp: 69687
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 157.6 0.0 345.8



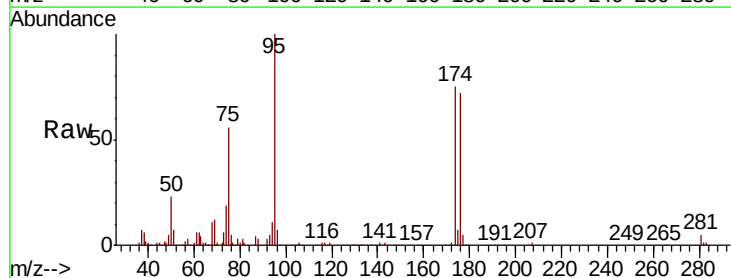
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



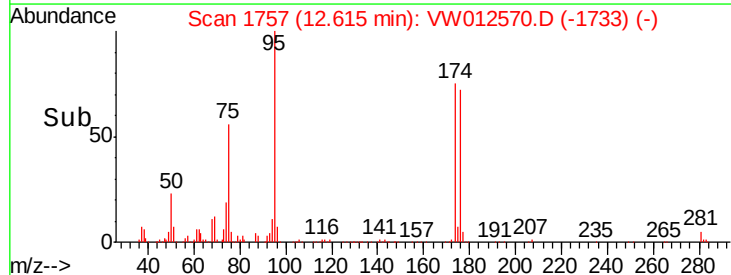
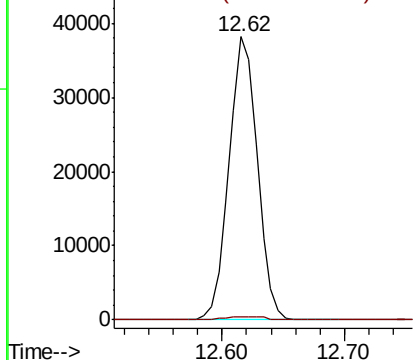
#76

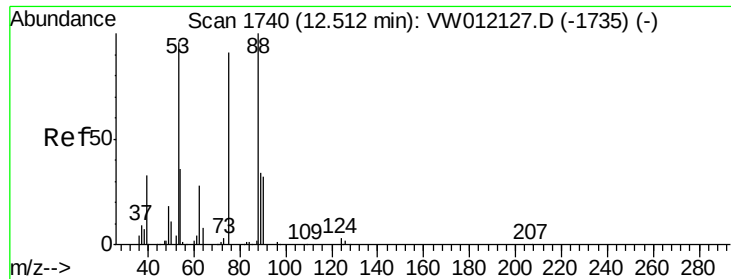
1,2,3-Trichloropropane
Concen: 89.982 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012570.D
Acq: 04 Sep 2019 02:40

Tgt Ion: 75 Resp: 61071
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

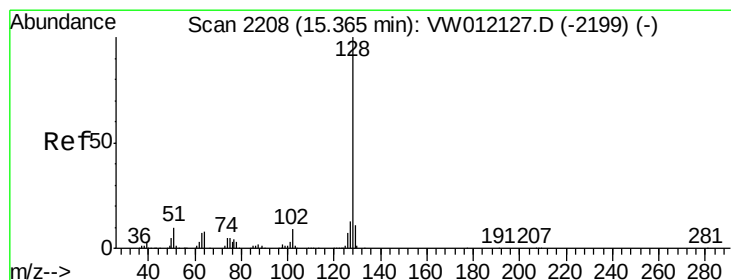
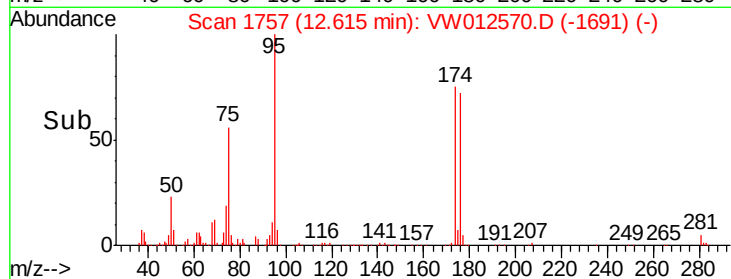
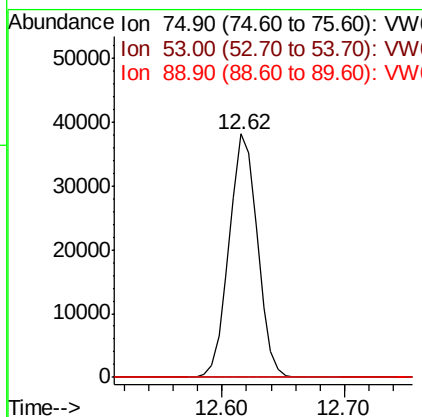
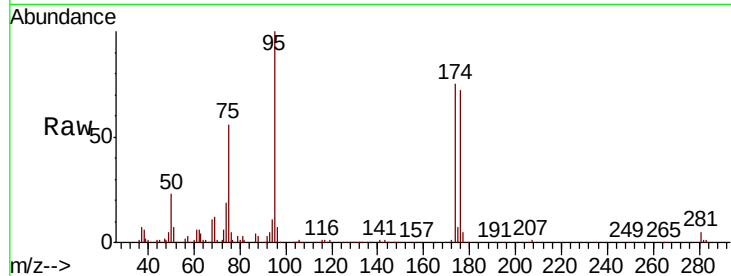




#81
 trans-1,4-Dichloro-2-butene
 Concen: 197.289 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(0)

Tgt Ion: 75 Resp: 61071
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.0 34.5 51.7#



#95
 Naphthalene
 Concen: 4.380 ug/l
 RT: 15.36 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: VW012570.D
 Acq: 04 Sep 2019 02:40

Tgt Ion: 128 Resp: 170
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 0.0 8.7 13.1#

