

Data File : VW012370.D
Acq On : 31 Aug 2019 01:12
Operator : SY/VA
Sample : K4439-05
Misc : 4.92G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-4A-(1-3)

Quant Time: Aug 31 03:11:04 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	211923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141191	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	7.88	113	111538	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	10.32	98	418745	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	104994	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	

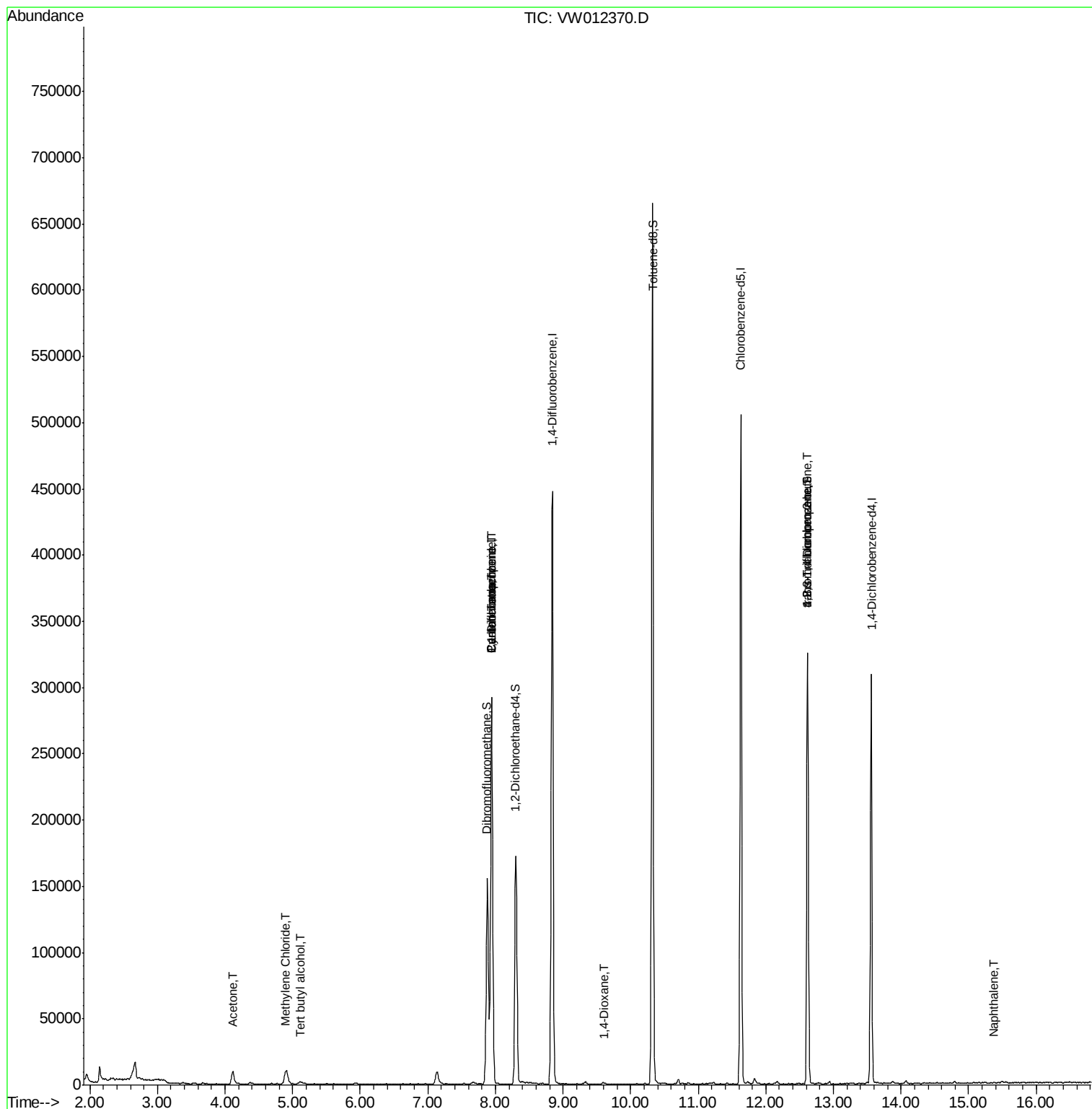
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.12	59	2442	16.107	ug/l #	73
16) Acetone	4.12	43	17440	27.082	ug/l	99
20) Methylene Chloride	4.90	84	7545	3.099	ug/l #	93
31) Cyclohexane	7.94	56	5617	1.238	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18649	5.143	ug/l #	51
38) Carbon Tetrachloride	7.94	117	22113	7.046	ug/l #	16
49) 1,4-Dioxane	9.62	88	22	1.212	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	57234	76.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57234	168.712	ug/l #	6
95) Naphthalene	15.37	128	441	4.461	ug/l #	69

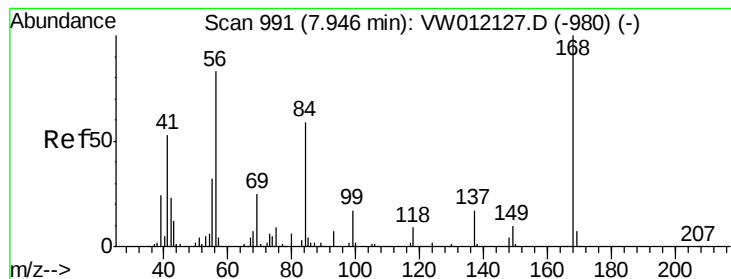
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012370.D
Acq On : 31 Aug 2019 01:12
Operator : SY/VA
Sample : K4439-05
Misc : 4.92G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-4A-(1-3)

Quant Time: Aug 31 03:11:04 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012370.D

Acq: 31 Aug 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

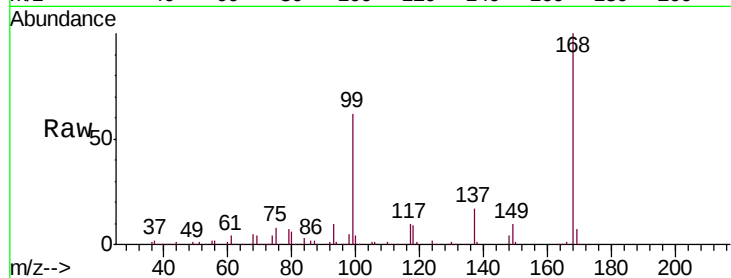
S-4A-(1-3)

Tgt Ion:168 Resp: 211923

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

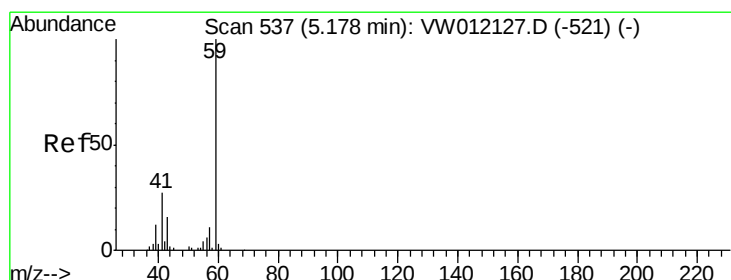
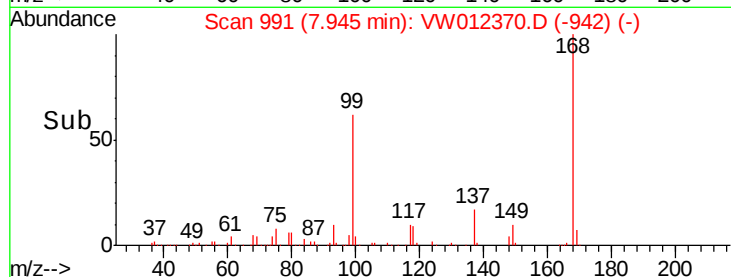
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 16.107 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.06 min

Lab File: VW012370.D

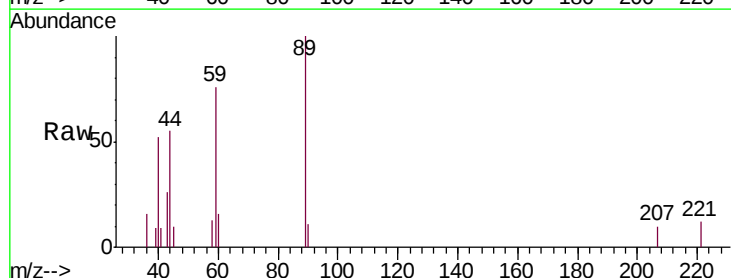
Acq: 31 Aug 2019 01:12

Tgt Ion: 59 Resp: 2442

Ion Ratio Lower Upper

59 100

57 0.8 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

500

400

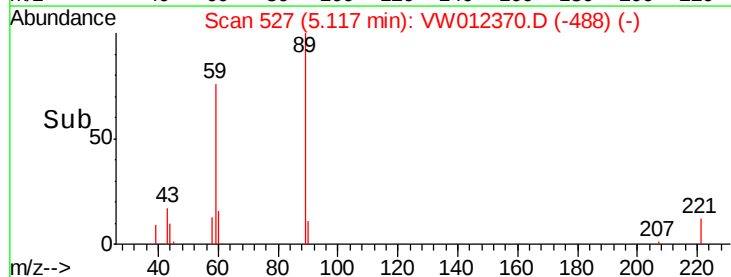
300

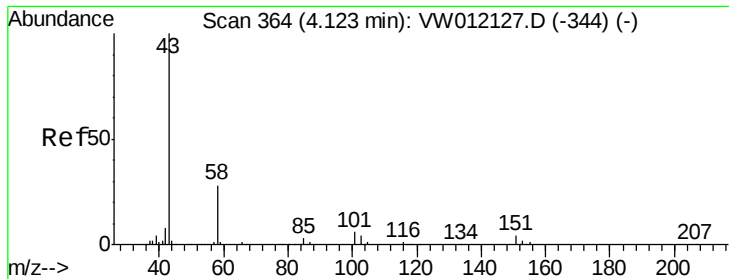
200

100

0

Time-->





#16

Acetone

Concen: 27.082 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012370.D

Acq: 31 Aug 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

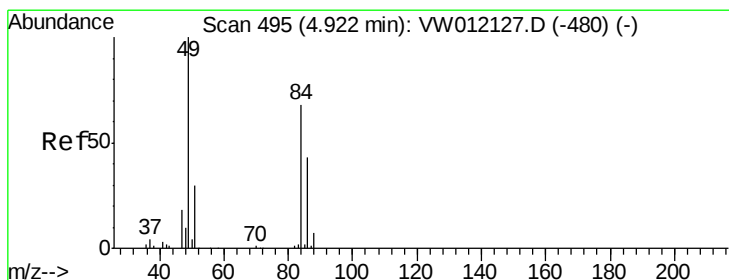
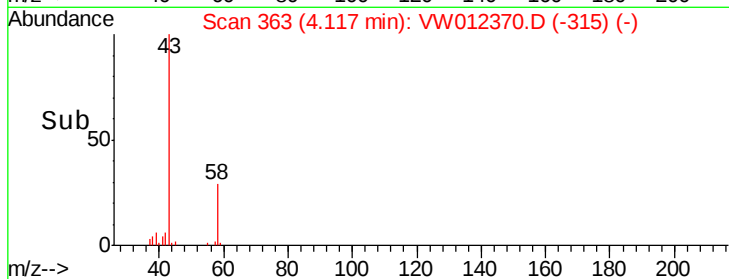
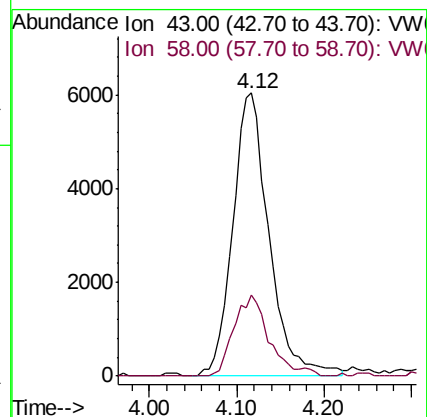
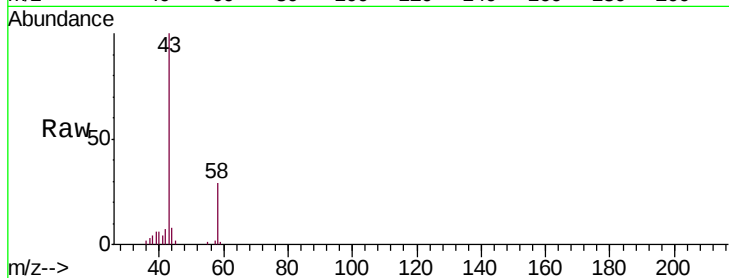
S-4A-(1-3)

Tgt Ion: 43 Resp: 17440

Ion Ratio Lower Upper

43 100

58 28.6 22.4 33.6



#20

Methylene Chloride

Concen: 3.099 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012370.D

Acq: 31 Aug 2019 01:12

Tgt Ion: 84 Resp: 7545

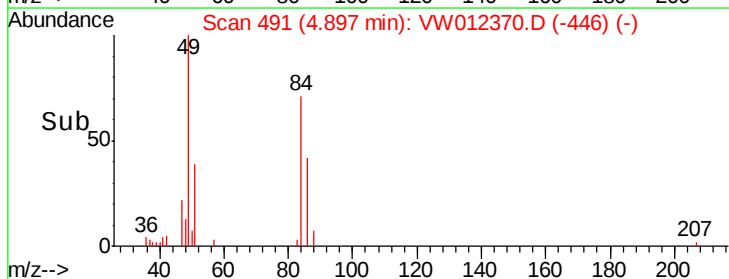
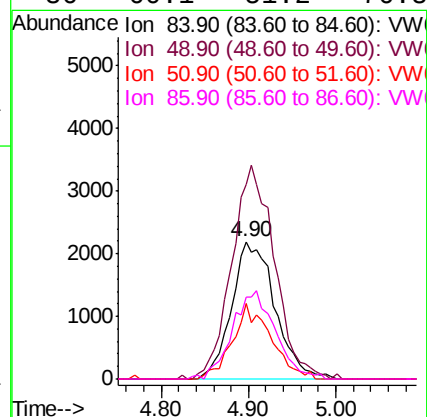
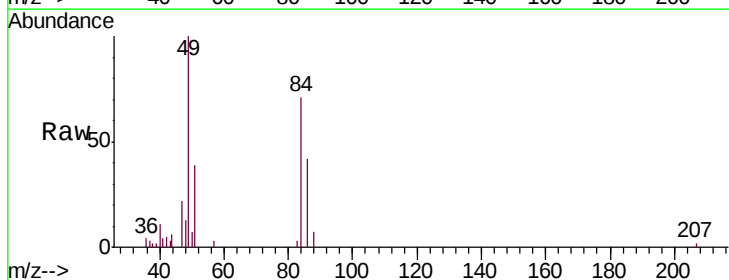
Ion Ratio Lower Upper

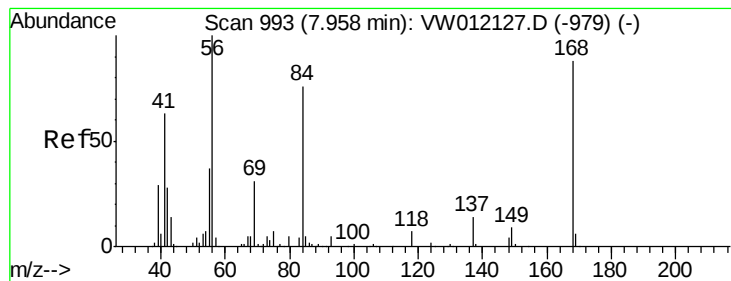
84 100

49 141.4 117.8 176.8

51 55.2 35.6 53.4#

86 60.1 51.2 76.8





#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012370.D

Acq: 31 Aug 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

S-4A-(1-3)

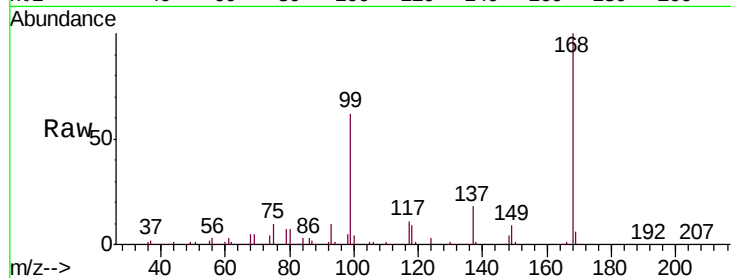
Tgt Ion: 56 Resp: 5617

Ion Ratio Lower Upper

56 100

69 173.3 24.9 37.3#

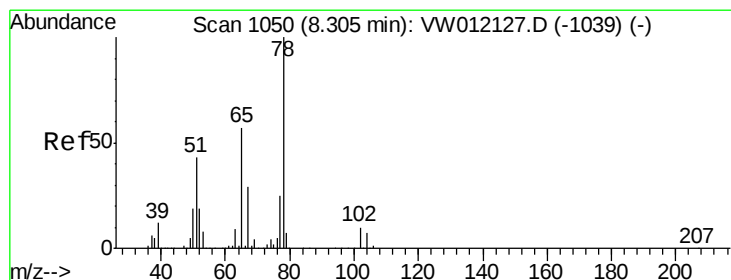
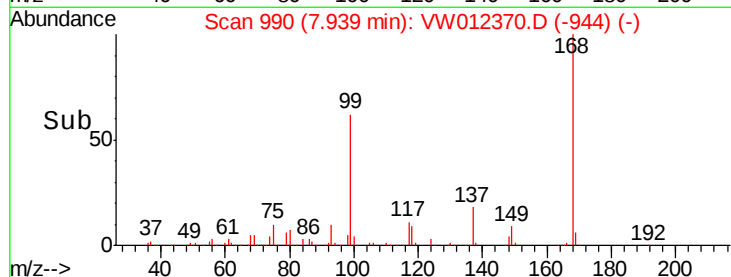
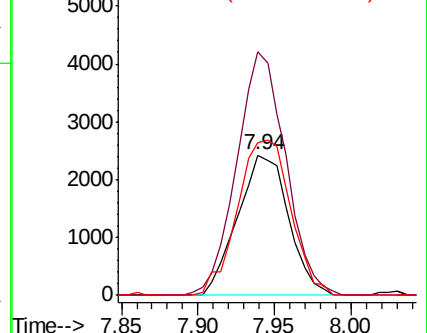
84 108.4 60.6 90.8#



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: 56.045 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012370.D

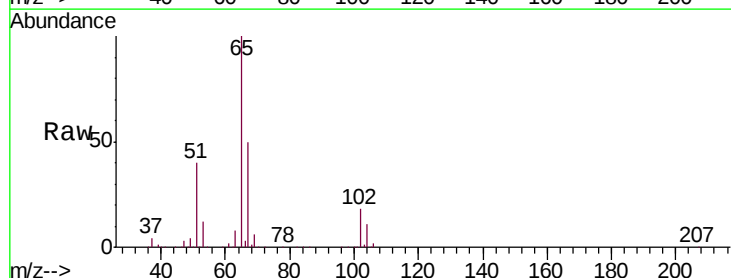
Acq: 31 Aug 2019 01:12

Tgt Ion: 65 Resp: 141191

Ion Ratio Lower Upper

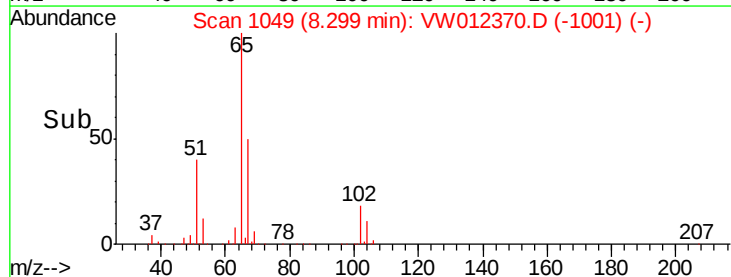
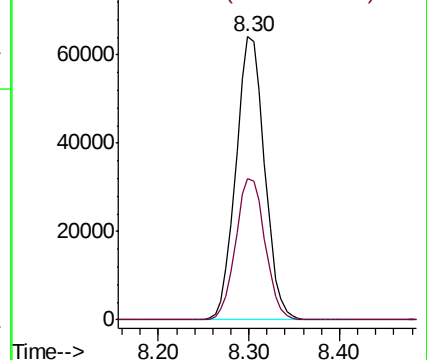
65 100

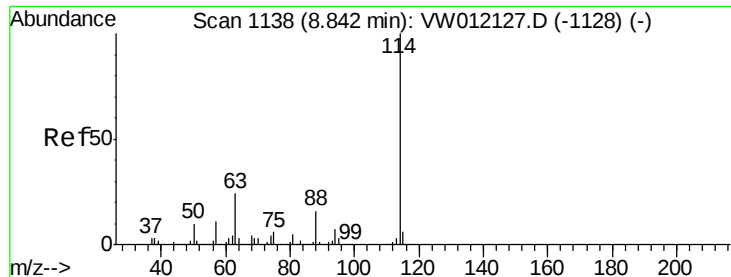
67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

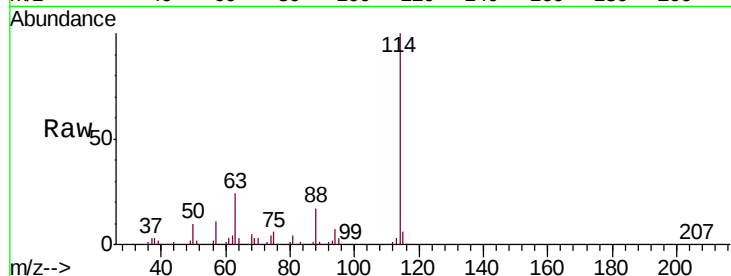




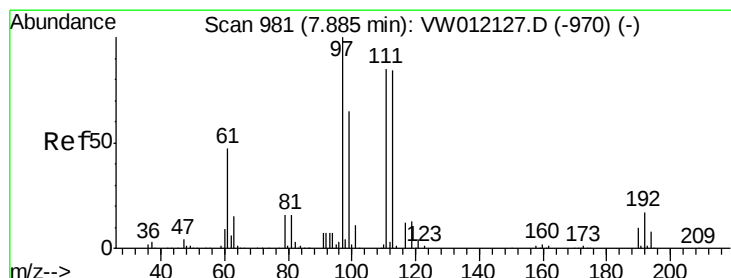
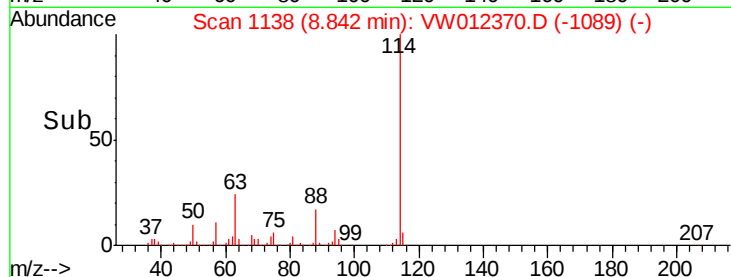
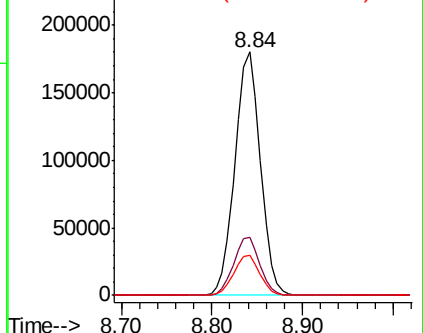
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4A-(1-3)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	16.7	0.0	32.2

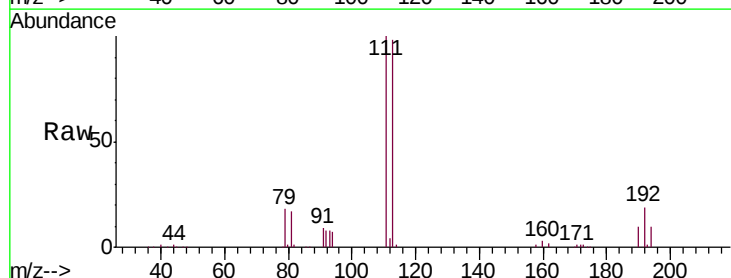


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

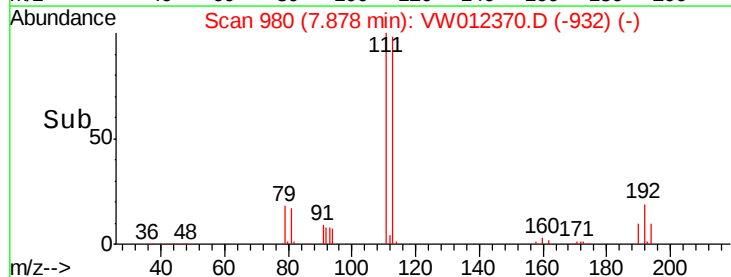
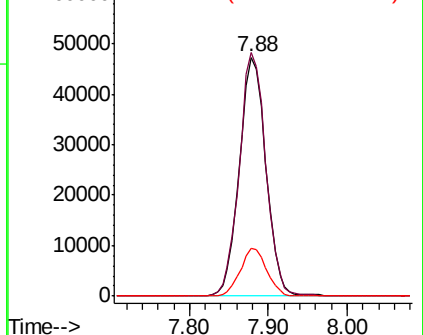


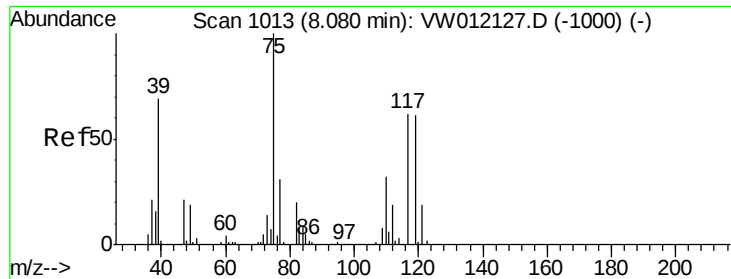
#35
 Dibromofluoromethane
 Concen: 53.257 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.7	124.1
192	19.9	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

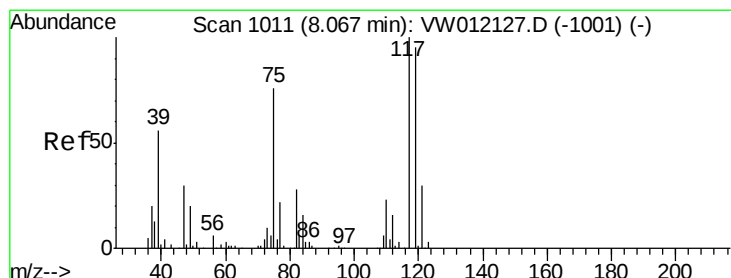
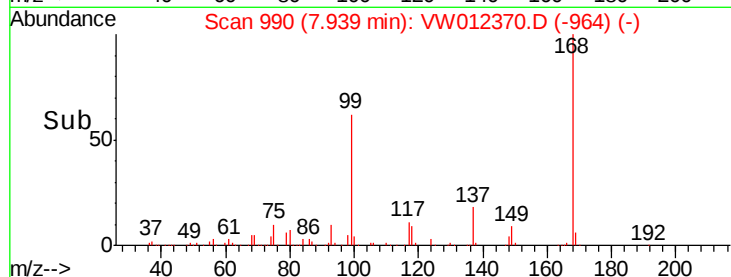
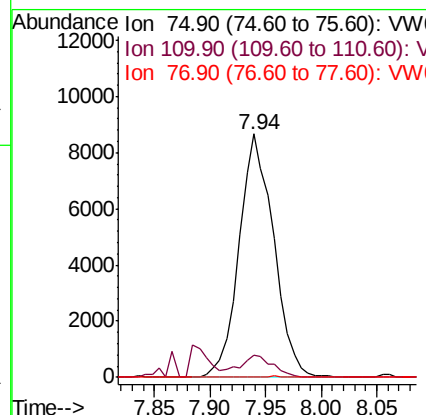
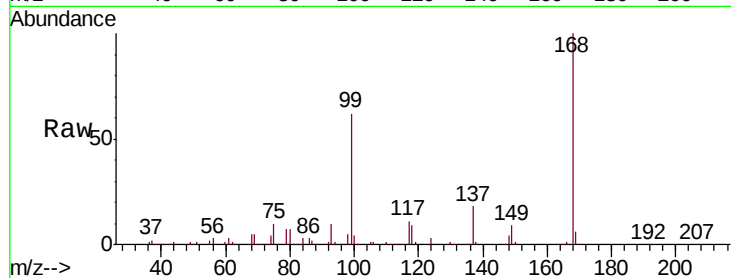




#36
 1,1-Dichloropropene
 Concen: 5.143 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

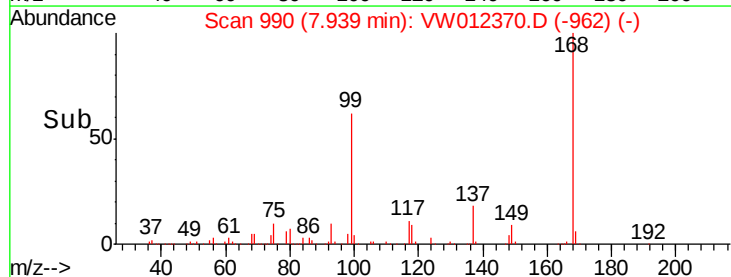
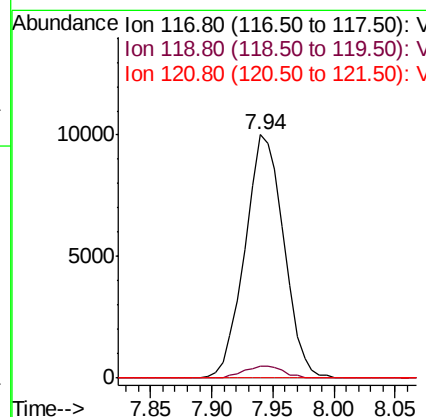
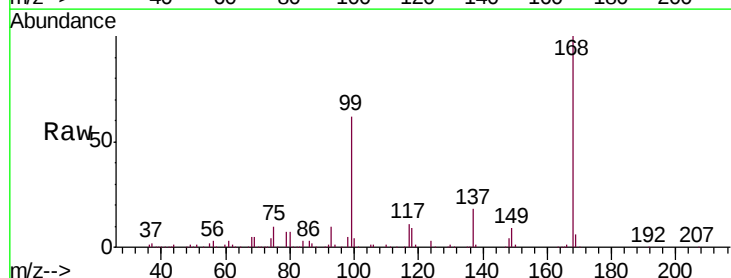
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4A-(1-3)

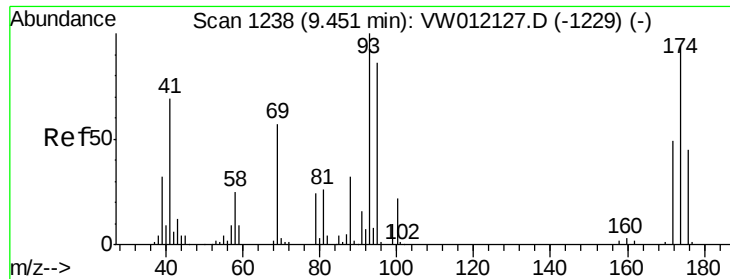
Tgt Ion: 75 Resp: 18649
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.6 46.8#
 77 0.1 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 7.046 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

Tgt Ion: 117 Resp: 22113
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.2 114.2#
 121 0.0 23.8 35.8#

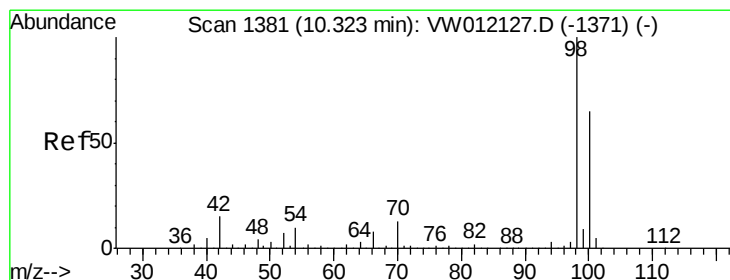
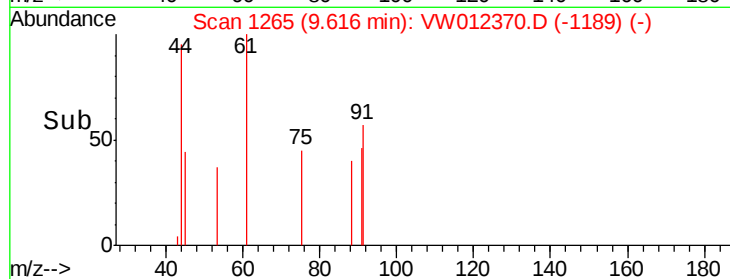
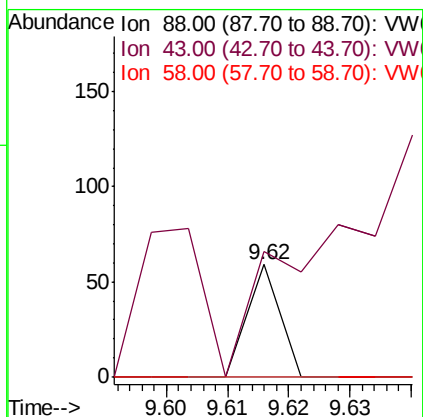
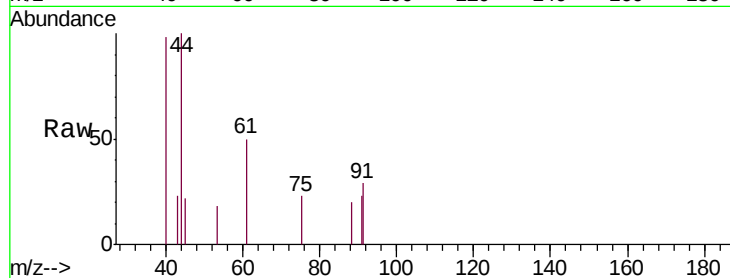




#49
 1,4-Dioxane
 Concen: 1.212 ug/l
 RT: 9.62 min Scan# 1265
 Delta R.T. 0.16 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

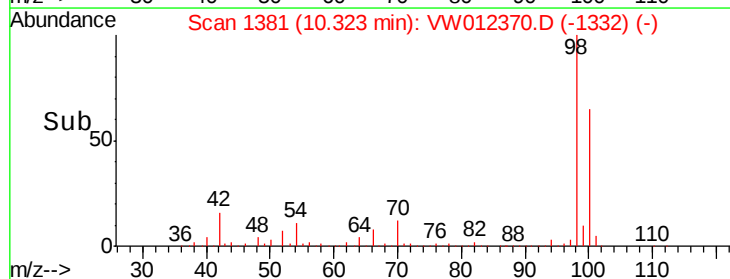
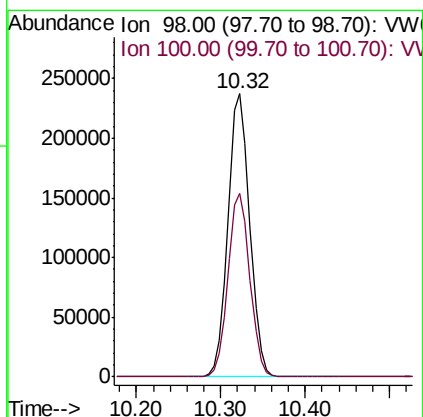
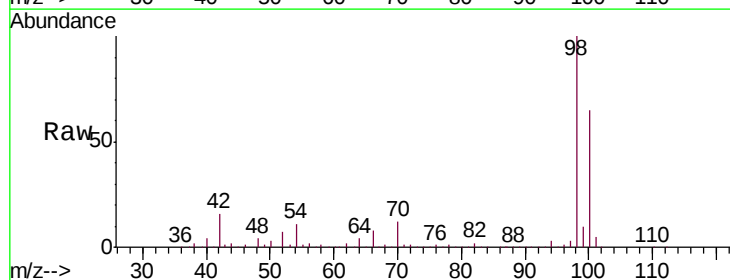
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4A-(1-3)

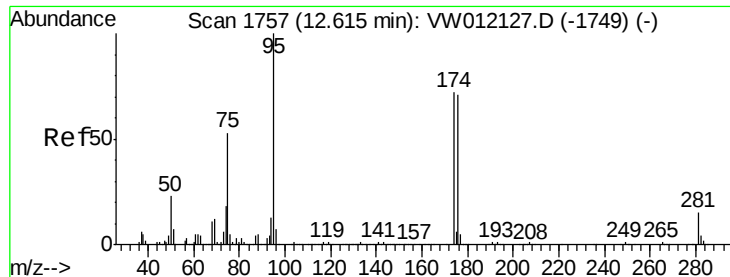
Tgt Ion: 88 Resp: 22
 Ion Ratio Lower Upper
 88 100
 43 254.5 32.9 49.3#
 58 0.0 71.0 106.4#



#50
 Toluene-d8
 Concen: 49.311 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012370.D
 Acq: 31 Aug 2019 01:12

Tgt Ion: 98 Resp: 418745
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.4 78.6

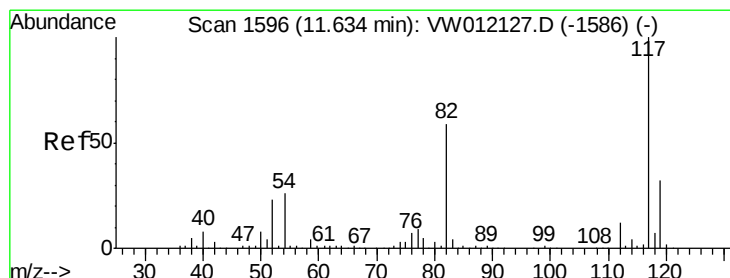
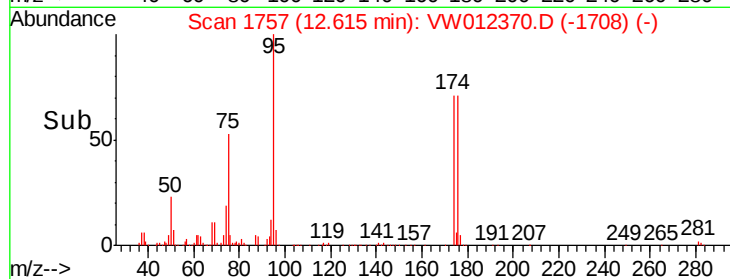
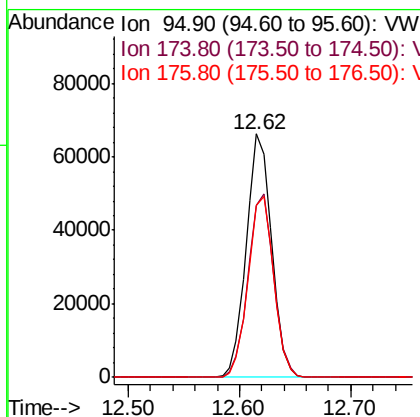
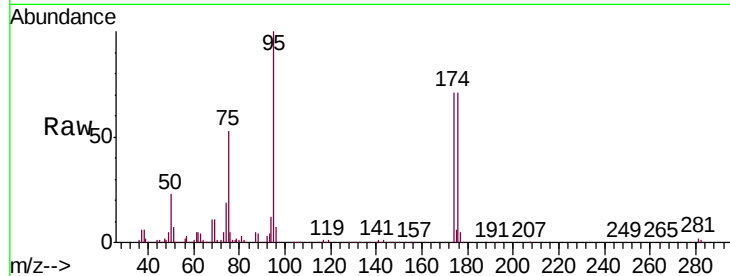




#62
4-Bromofluorobenzene
Concen: 35.075 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012370.D
Acq: 31 Aug 2019 01:12

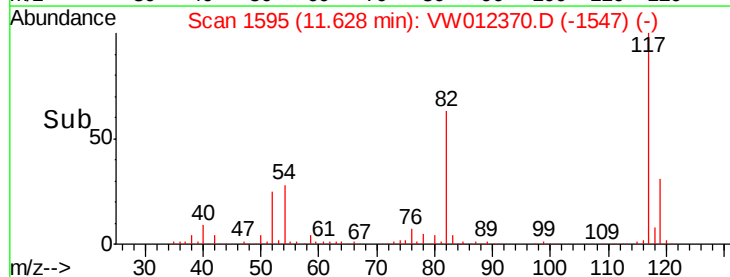
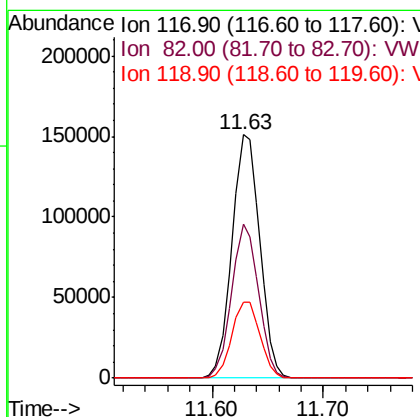
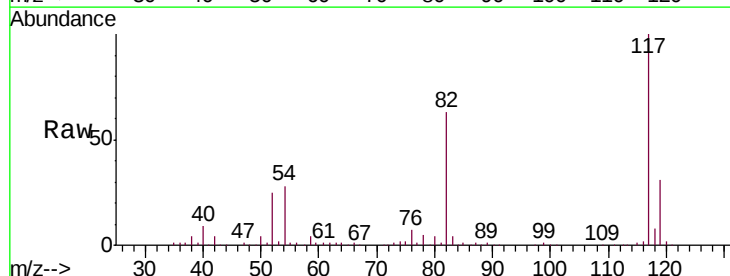
Instrument :
MSVOA_W
ClientSampleId :
S-4A-(1-3)

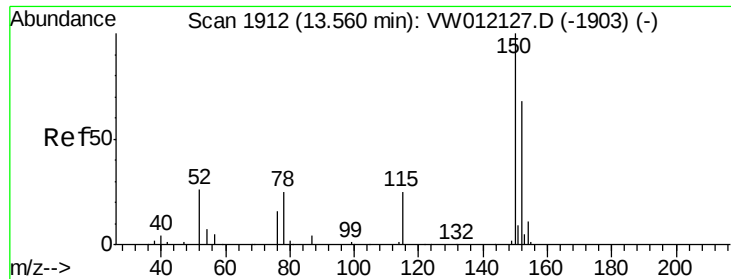
Tgt Ion: 95 Resp: 104994
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.8
176 75.3 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012370.D
Acq: 31 Aug 2019 01:12

Tgt Ion: 117 Resp: 261973
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 31.2 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: VW012370.D

Acq: 31 Aug 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

S-4A-(1-3)

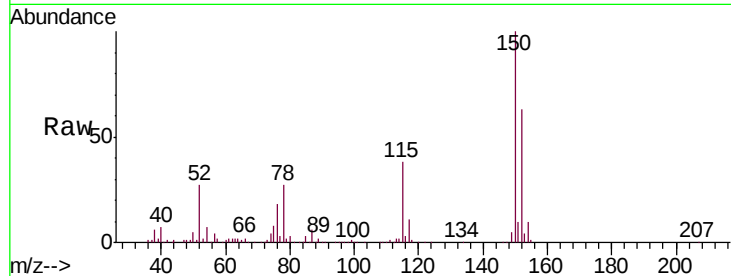
Tgt Ion:152 Resp: 76371

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

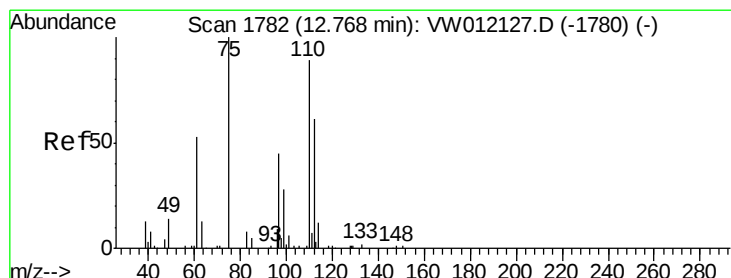
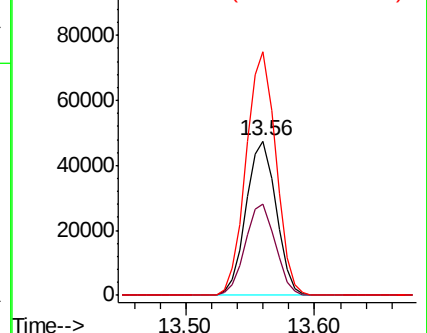
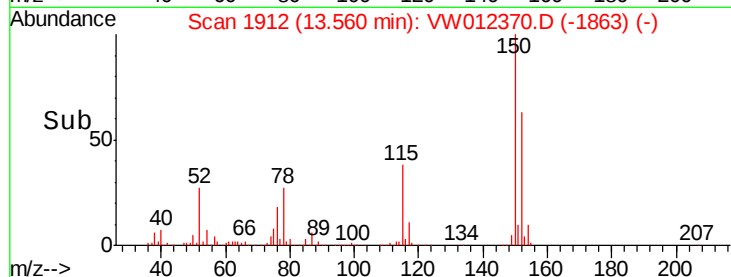
150 156.6 0.0 345.8



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: 76.948 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012370.D

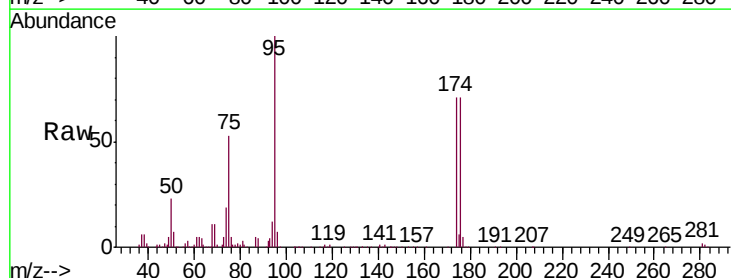
Acq: 31 Aug 2019 01:12

Tgt Ion: 75 Resp: 57234

Ion Ratio Lower Upper

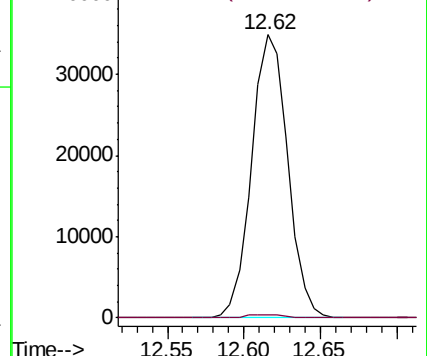
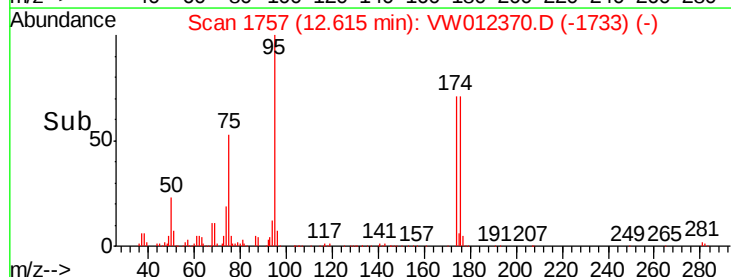
75 100

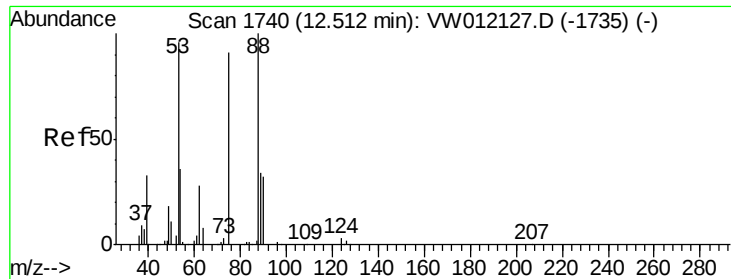
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

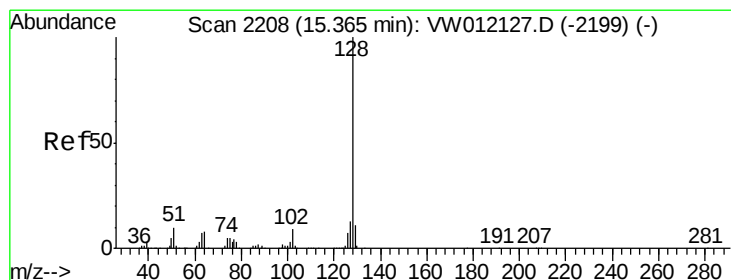
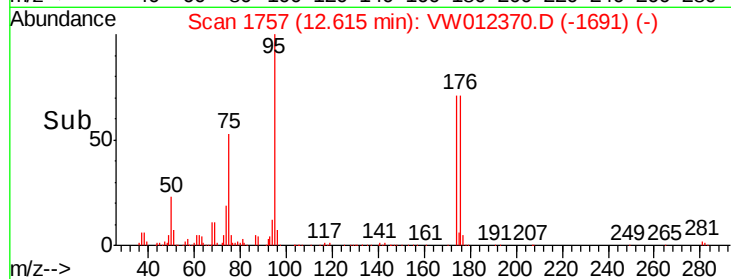
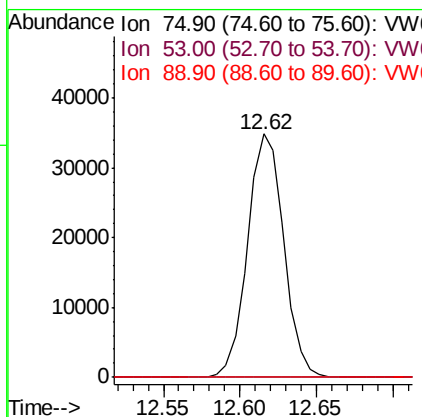
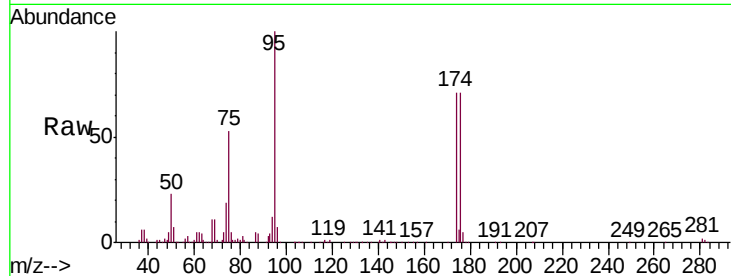




#81
trans-1,4-Dichloro-2-butene
Concen: 168.712 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012370.D
Acq: 31 Aug 2019 01:12

Instrument :
MSVOA_W
ClientSampleId :
S-4A-(1-3)

Tgt Ion: 75 Resp: 57234
Ion Ratio Lower Upper
75 100
53 0.3 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.461 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012370.D
Acq: 31 Aug 2019 01:12

Tgt Ion: 128 Resp: 441
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

