

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012324.D
 Acq On : 30 Aug 2019 01:32
 Operator : SY/VA
 Sample : K4568-07
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-17-8.5-9.0

Quant Time: Aug 30 06:54:49 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	255170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140401	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	153830	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	124116	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.32	98	509254	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.62	95	163959	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

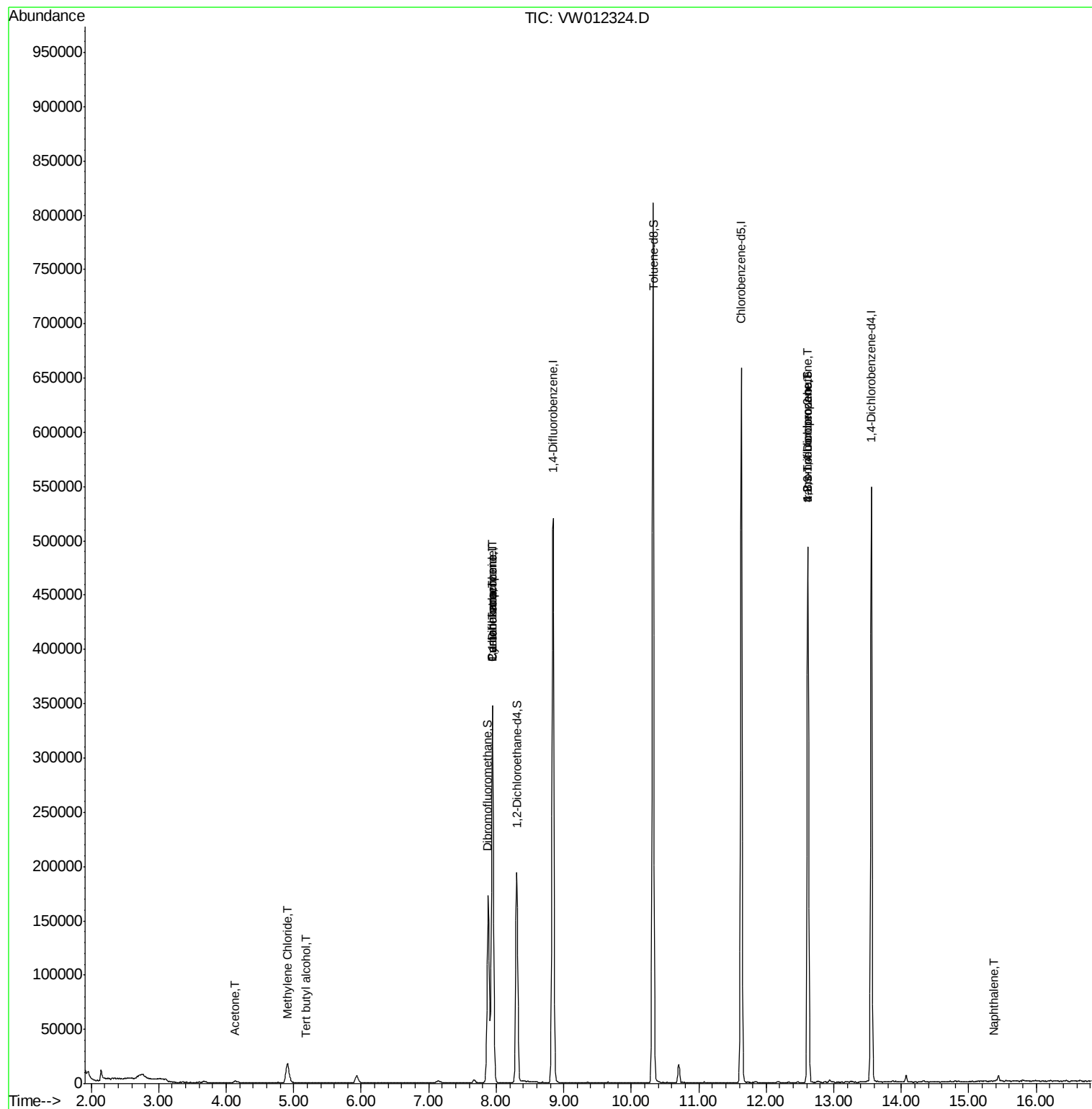
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	201	1.101	ug/l #	71
16) Acetone	4.14	43	3470	4.475	ug/l	99
20) Methylene Chloride	4.91	84	13050	4.452	ug/l	98
31) Cyclohexane	7.94	56	6335	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21509	4.971	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25656	6.851	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	85414	62.464	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85414	136.955	ug/l #	6
95) Naphthalene	15.37	128	718	4.445	ug/l #	69

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

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Quant Title : SW846 8260
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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: VW012324.D

Acq: 30 Aug 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

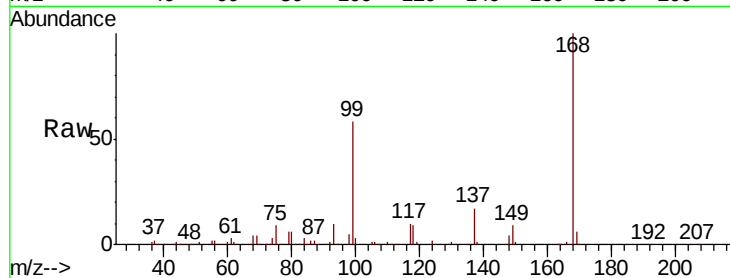
SB-17-8.5-9.0

Tgt Ion:168 Resp: 255170

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

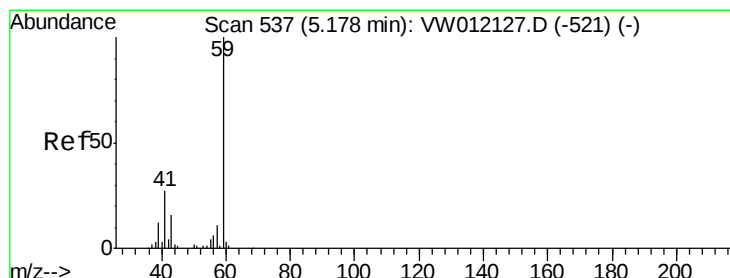
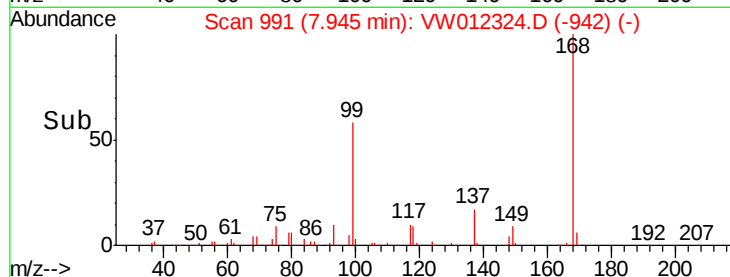
100000

50000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 1.101 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW012324.D

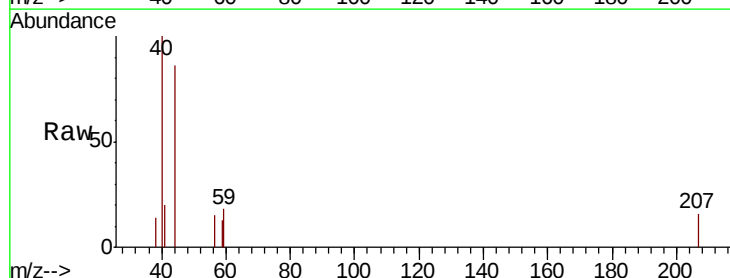
Acq: 30 Aug 2019 01:32

Tgt Ion: 59 Resp: 201

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

150

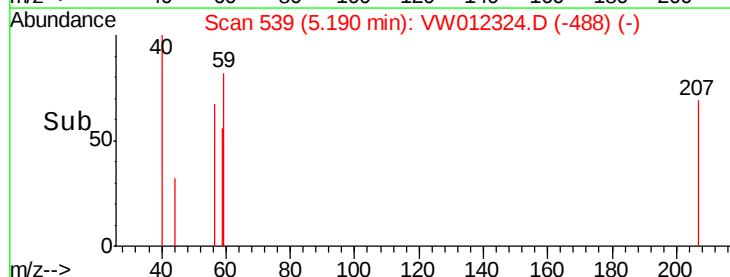
100

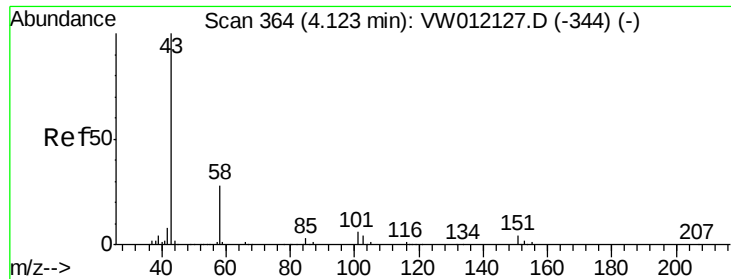
50

0

Time-->

5.16 5.18 5.20 5.22

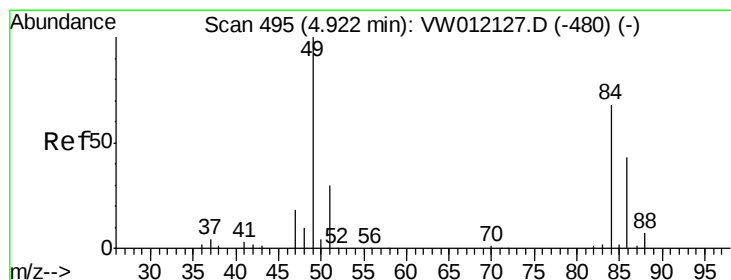
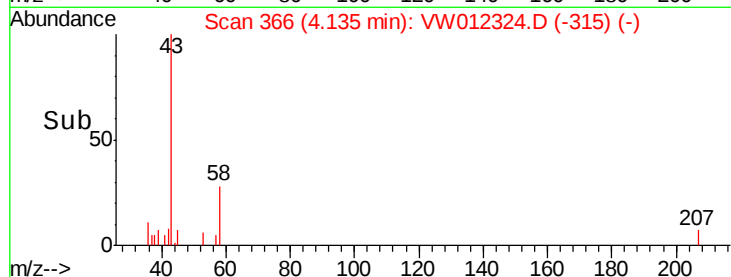
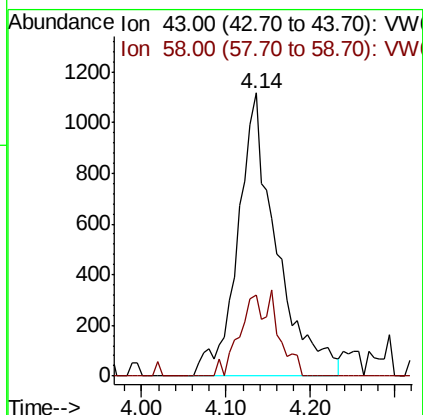
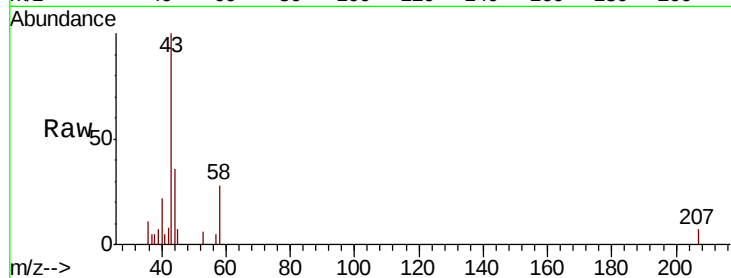




#16
Acetone
Concen: 4.475 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

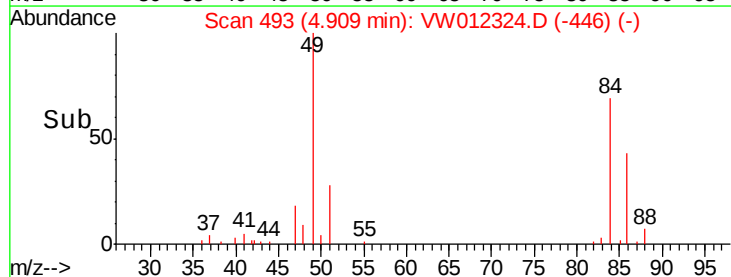
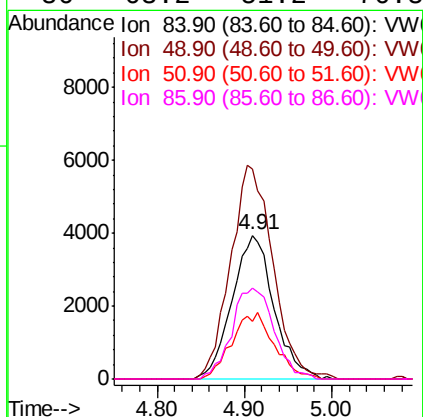
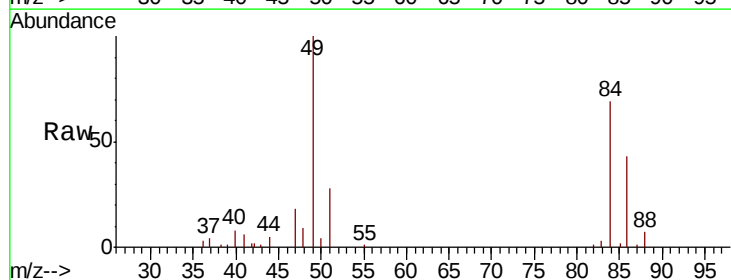
Instrument :
MSVOA_W
ClientSampleId :
SB-17-8.5-9.0

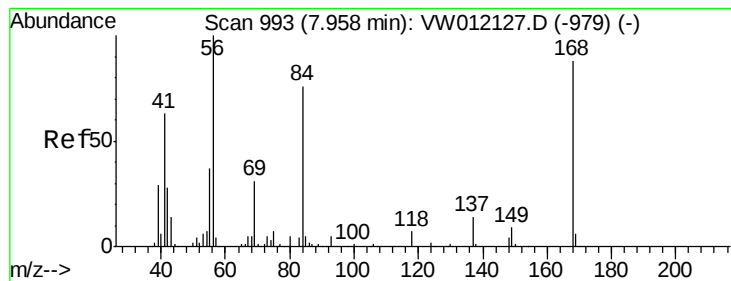
Tgt Ion: 43 Resp: 3470
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6



#20
Methylene Chloride
Concen: 4.452 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Tgt Ion: 84 Resp: 13050
Ion Ratio Lower Upper
84 100
49 145.8 117.8 176.8
51 40.3 35.6 53.4
86 63.2 51.2 76.8





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012324.D

Acq: 30 Aug 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

SB-17-8.5-9.0

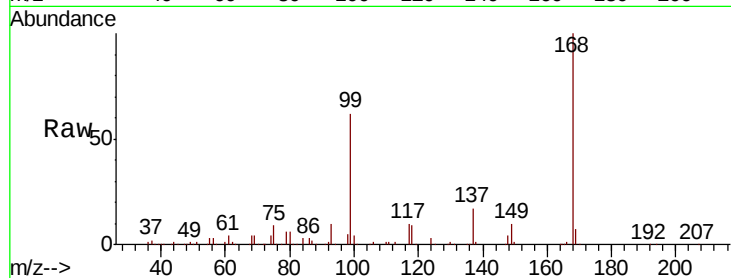
Tgt Ion: 56 Resp: 6335

Ion Ratio Lower Upper

56 100

69 162.9 24.9 37.3#

84 112.0 60.6 90.8#

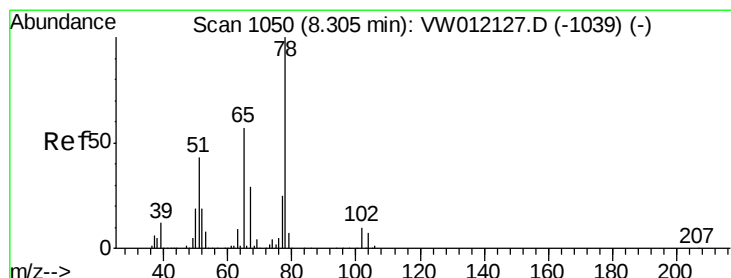
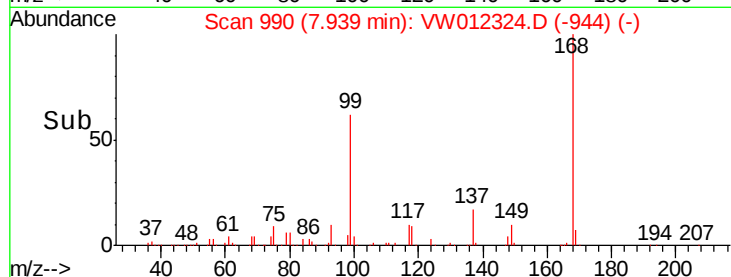
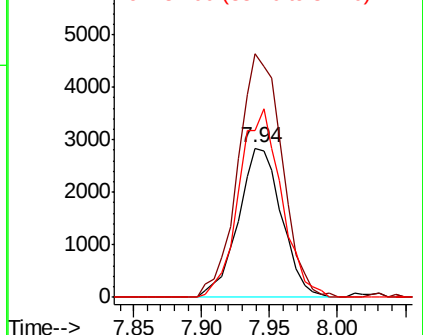


Abundance

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: 50.713 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012324.D

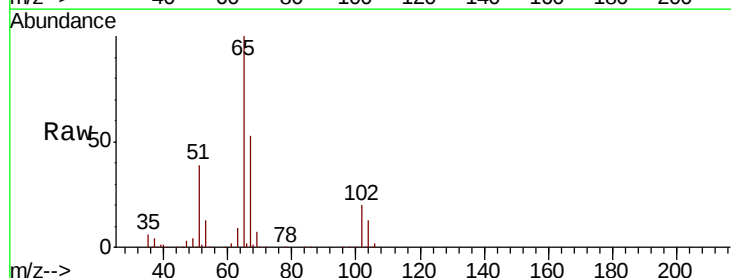
Acq: 30 Aug 2019 01:32

Tgt Ion: 65 Resp: 153830

Ion Ratio Lower Upper

65 100

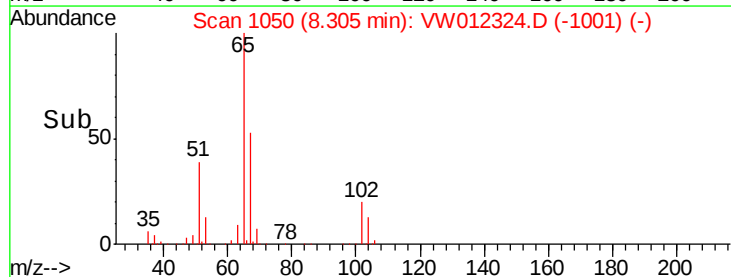
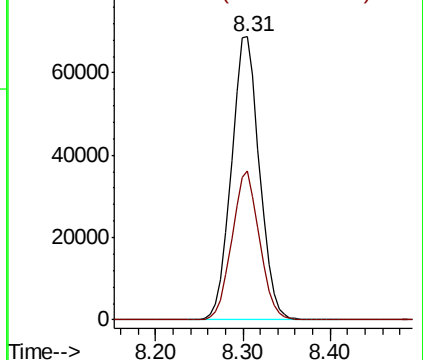
67 51.4 0.0 102.6

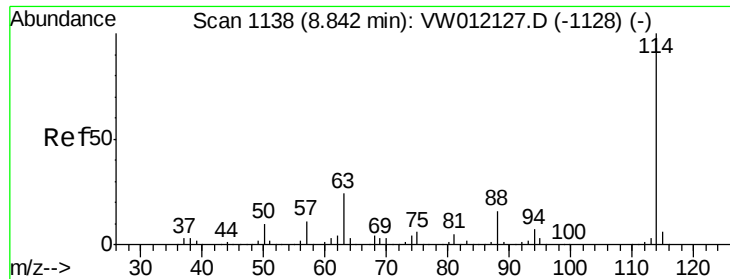


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

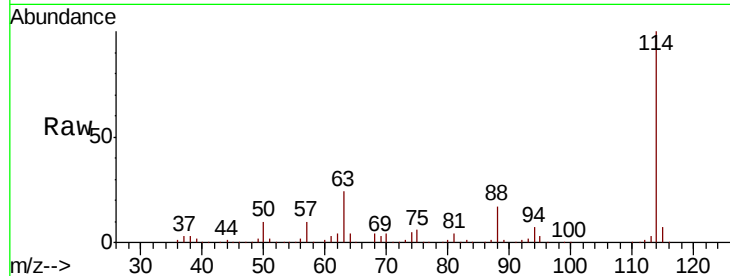




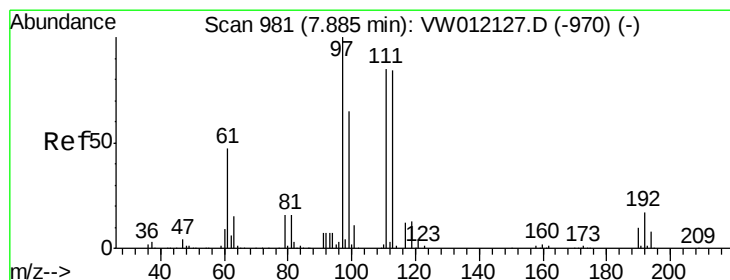
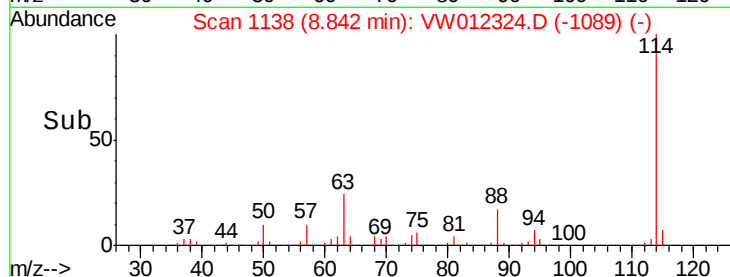
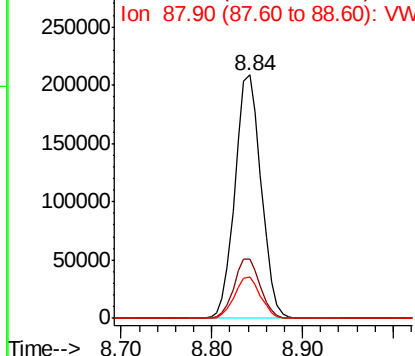
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

Instrument :
 MSVOA_W
 ClientSampled :
 SB-17-8.5-9.0

Tgt Ion:114 Resp: 418718
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.8 0.0 32.2

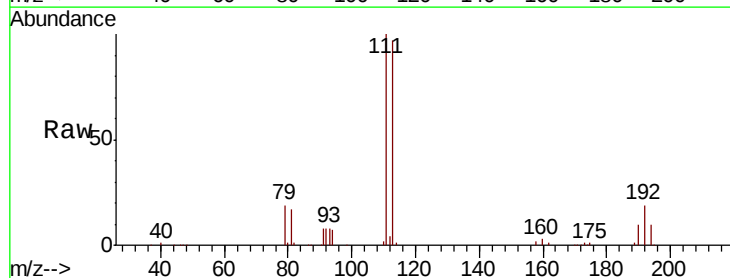


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

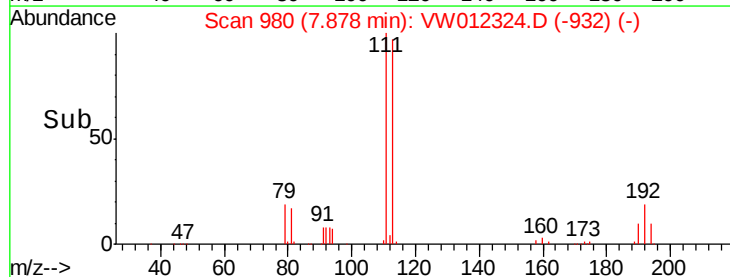
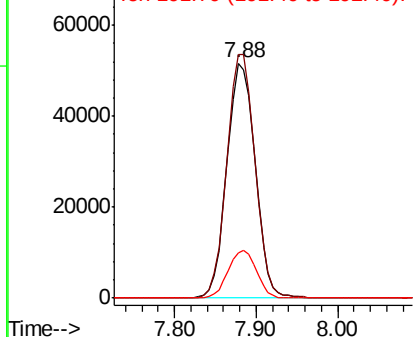


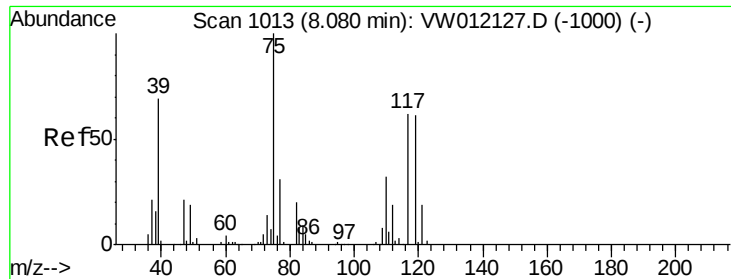
#35
 Dibromofluoromethane
 Concen: 49.659 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

Tgt Ion:113 Resp: 124116
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 20.3 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

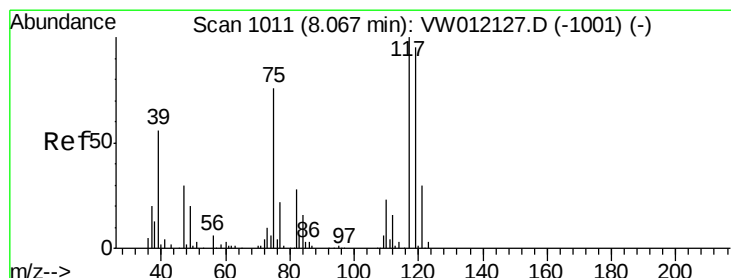
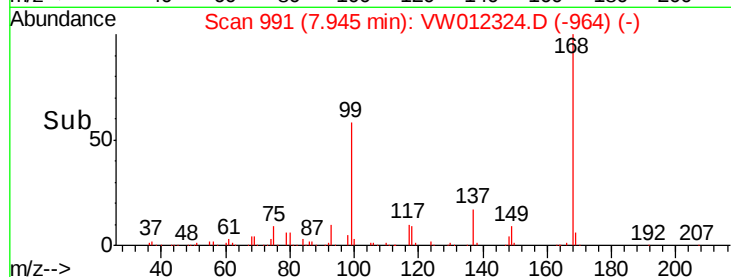
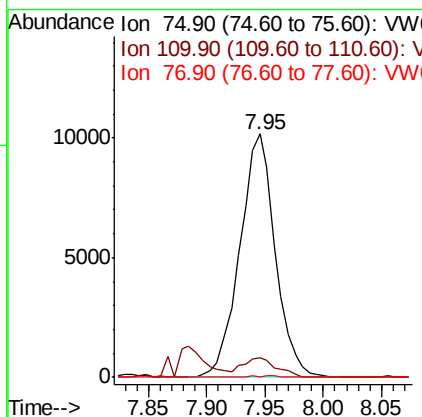
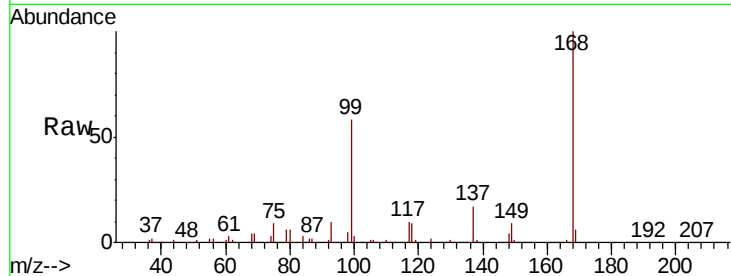




#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

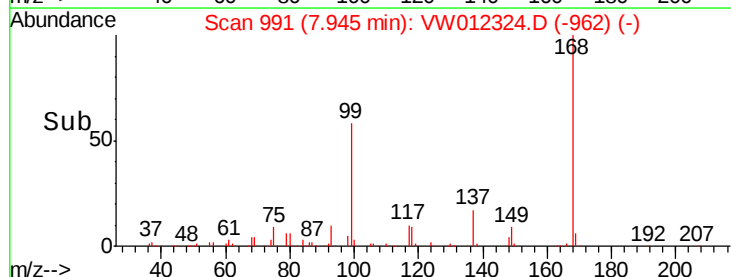
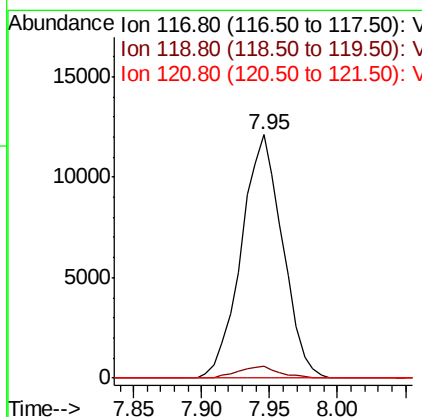
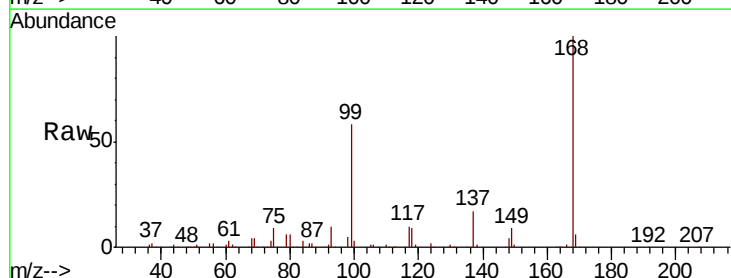
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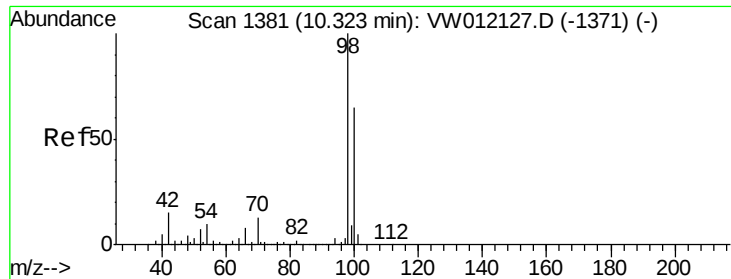
Tgt Ion: 75 Resp: 21509
 Ion Ratio Lower Upper
 75 100
 110 7.5 15.6 46.8#
 77 0.3 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.851 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

Tgt Ion: 117 Resp: 25656
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 50.252 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012324.D

Acq: 30 Aug 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

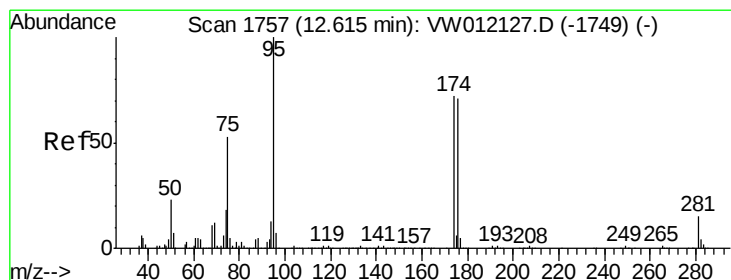
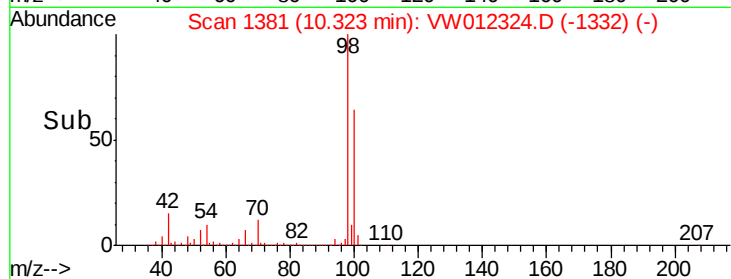
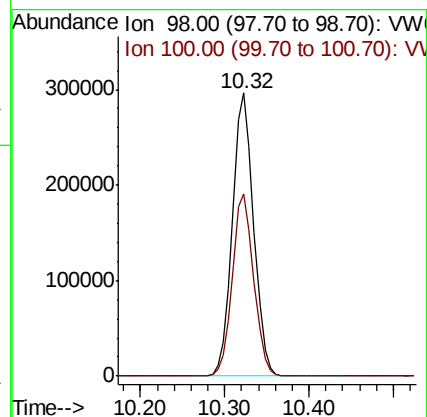
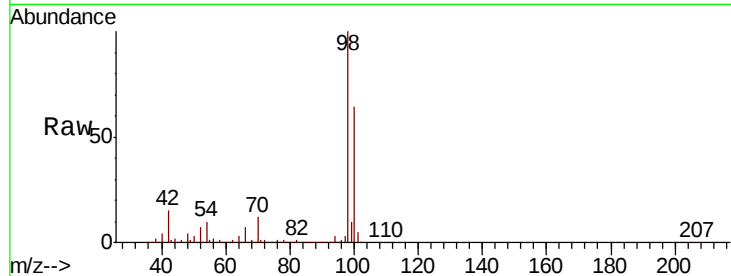
SB-17-8.5-9.0

Tgt Ion: 98 Resp: 509254

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.898 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012324.D

Acq: 30 Aug 2019 01:32

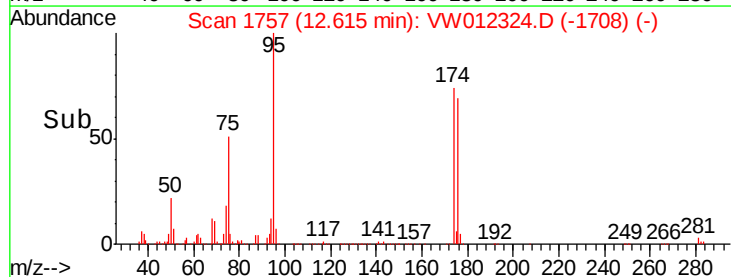
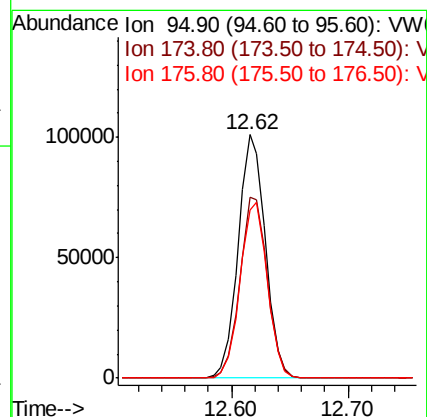
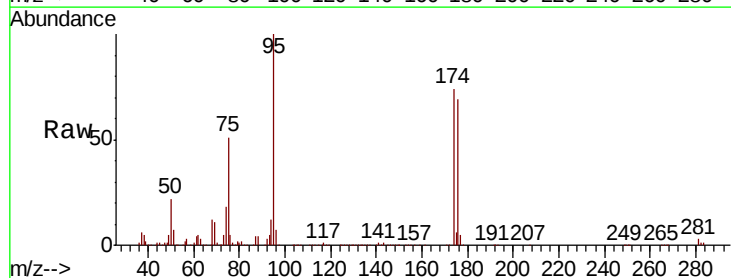
Tgt Ion: 95 Resp: 163959

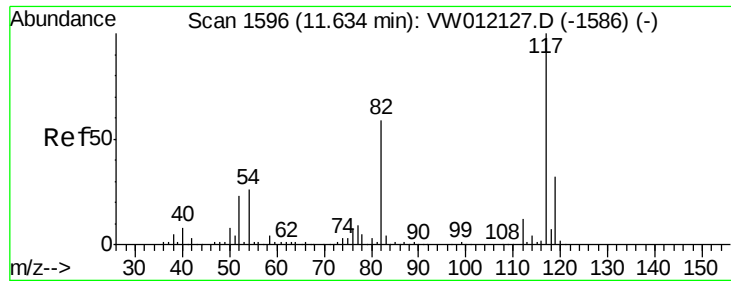
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.8

176 72.4 0.0 148.6

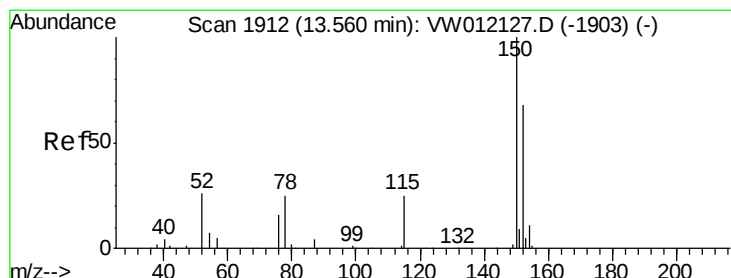
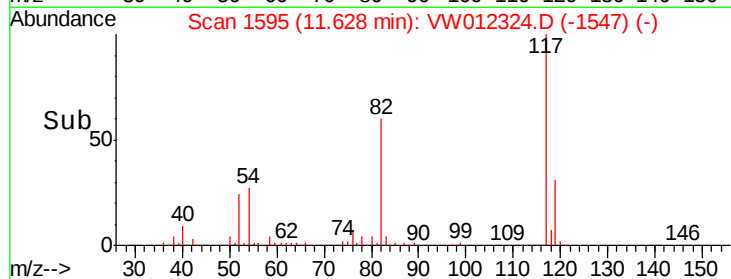
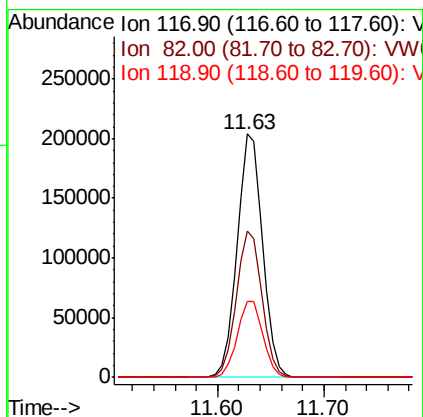
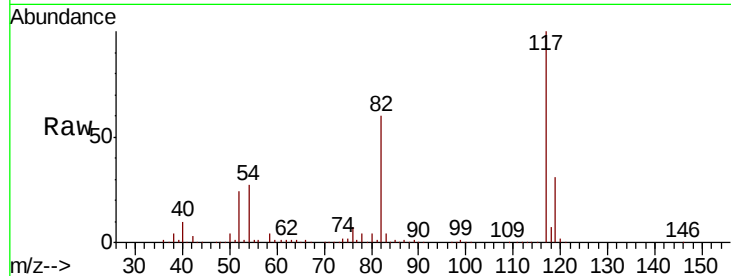




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

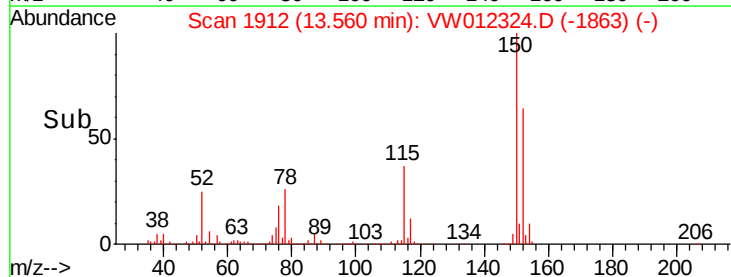
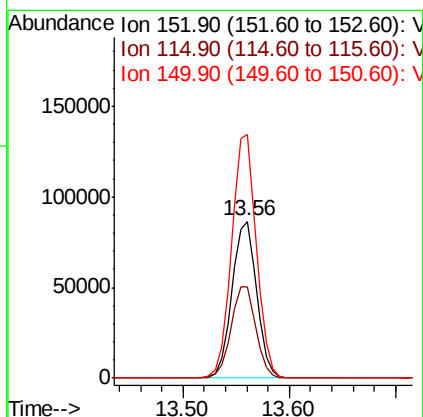
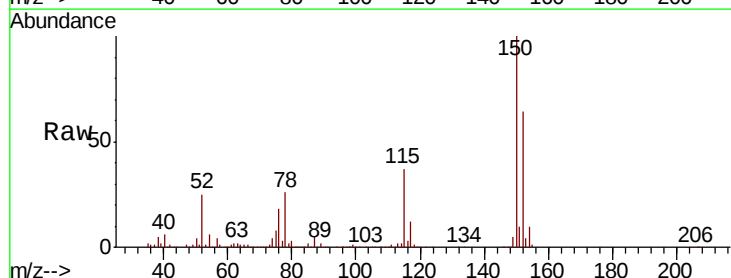
Instrument :
MSVOA_W
ClientSampled :
SB-17-8.5-9.0

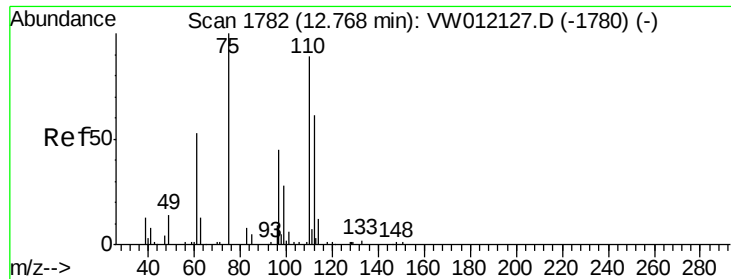
Tgt Ion:117 Resp: 341746
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Tgt Ion:152 Resp: 140401
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 155.7 0.0 345.8

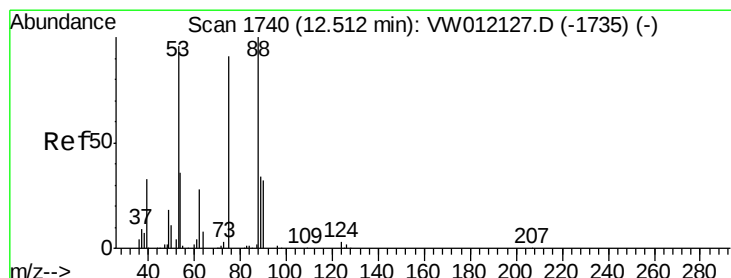
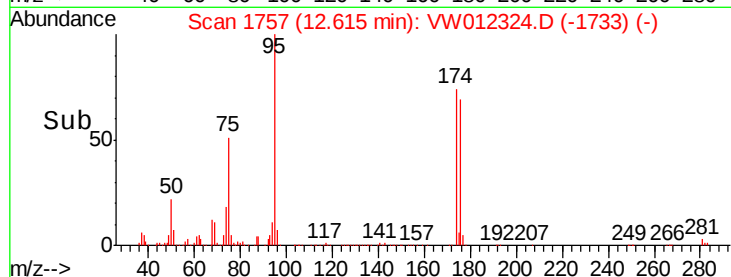
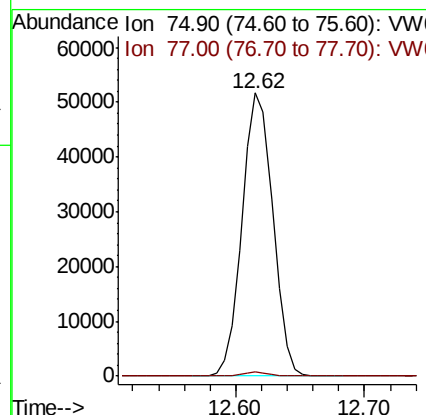
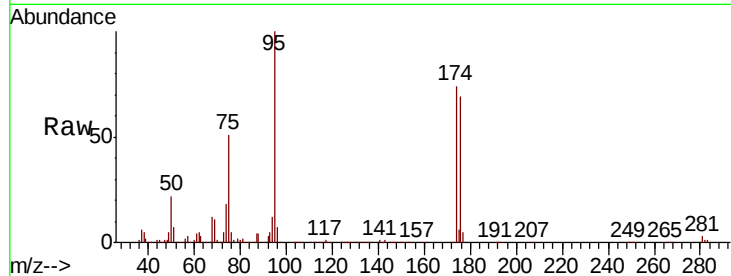




#76
 1,2,3-Trichloropropane
 Concen: 62.464 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

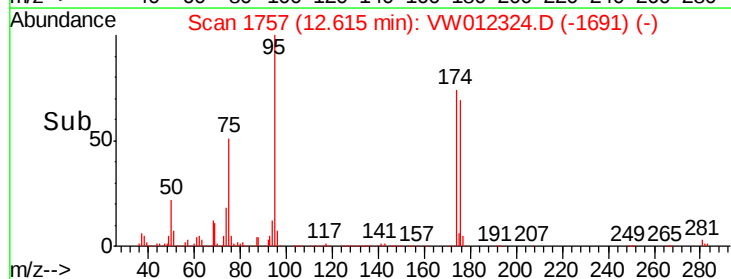
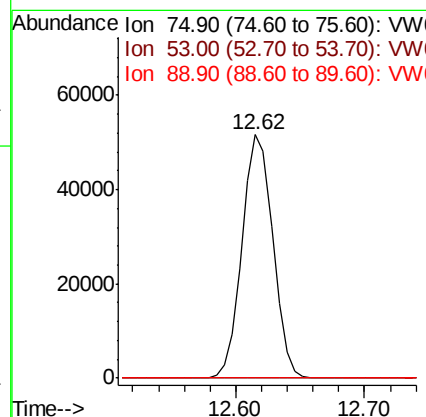
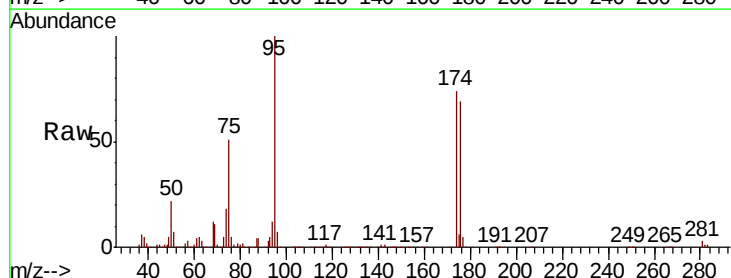
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-17-8.5-9.0

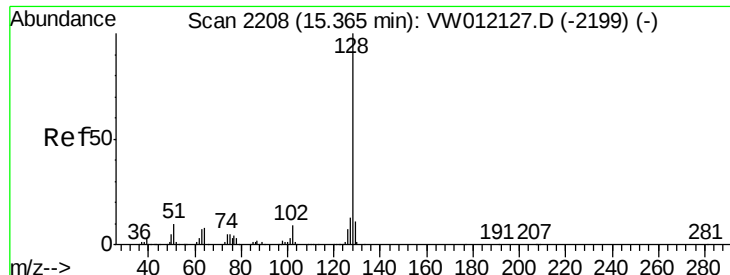
Tgt Ion: 75 Resp: 85414
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.955 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012324.D
 Acq: 30 Aug 2019 01:32

Tgt Ion: 75 Resp: 85414
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.4 134.0#
 89 0.1 34.5 51.7#

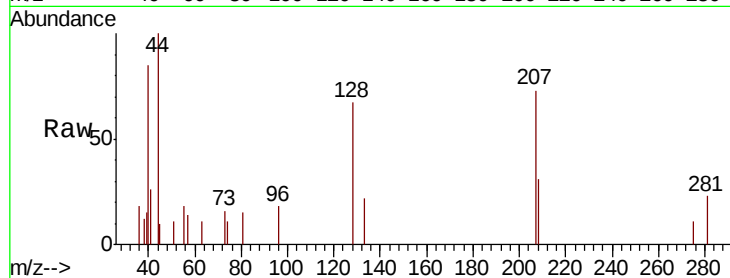




#95
Naphthalene
Concen: 4.445 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Instrument :
MSVOA_W
ClientSampleId :
SB-17-8.5-9.0

Tgt Ion:128 Resp: 718
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

