

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012075.D
 Acq On : 21 Aug 2019 17:16
 Operator : SY/VA
 Sample : VW0821SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL02

Quant Time: Aug 22 05:16:51 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	246641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139997	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	149687	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	122287	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	10.32	98	493488	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.62	95	159160	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	

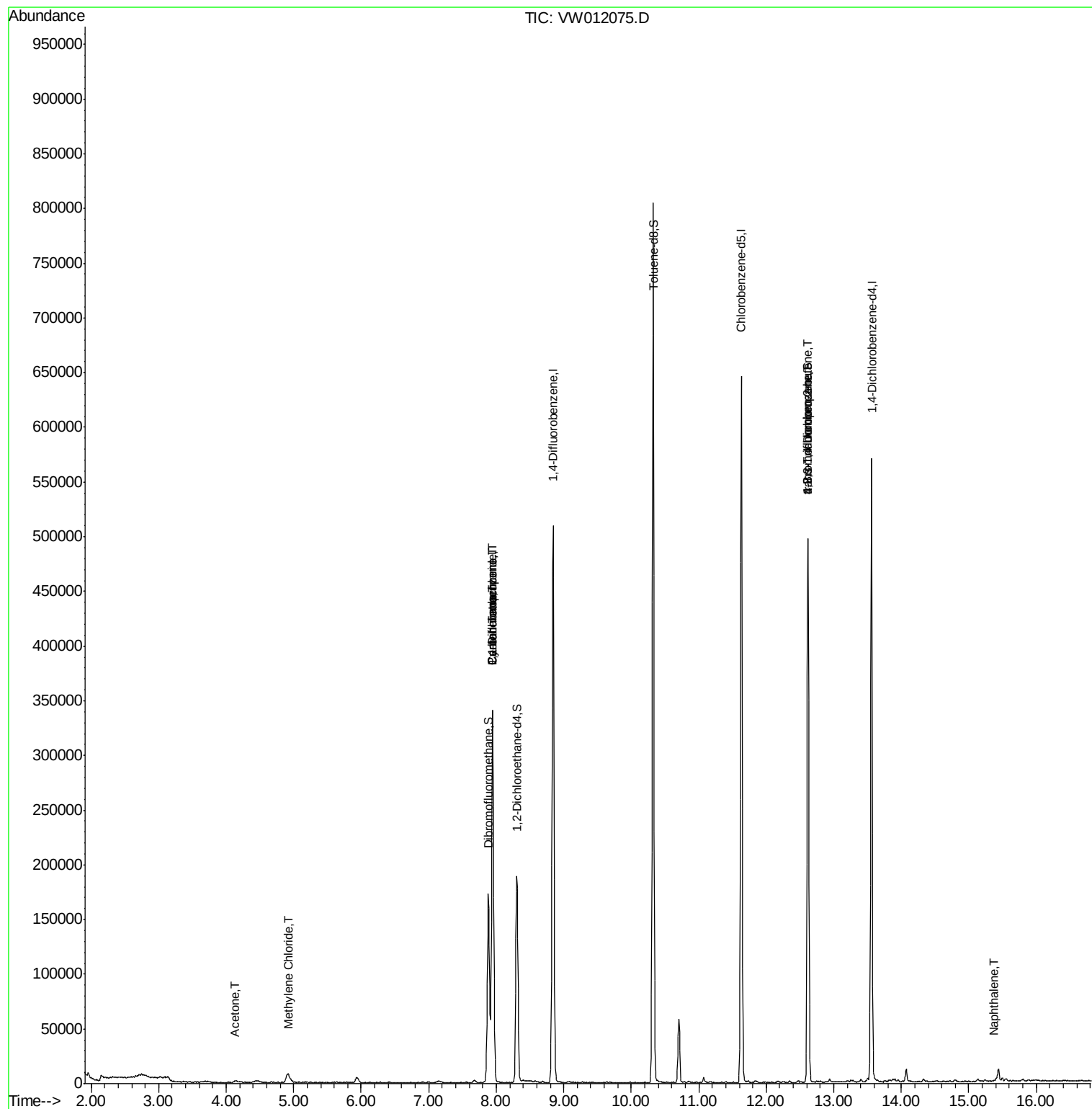
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	97	Below Cal	#	72
16) Acetone	4.14	43	3441	3.820	ug/l	90
20) Methylene Chloride	4.93	84	6499	2.092	ug/l	83
31) Cyclohexane	7.95	56	6470	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21385	5.035	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24402	6.712	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	85605	57.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85605	133.184	ug/l #	6
95) Naphthalene	15.37	128	846	2.213	ug/l #	88

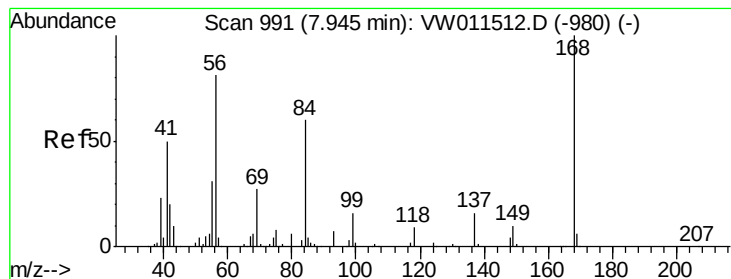
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
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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: VW012075.D

Acq: 21 Aug 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

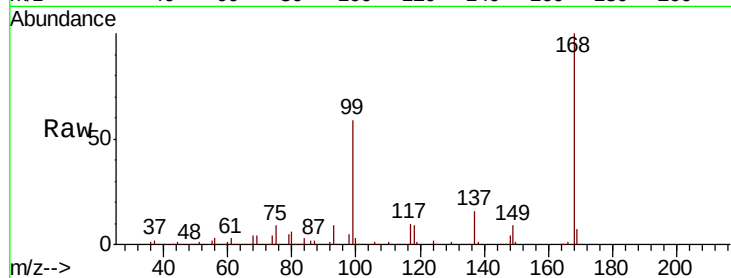
VW0821SBL02

Tgt Ion:168 Resp: 246641

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

7.95

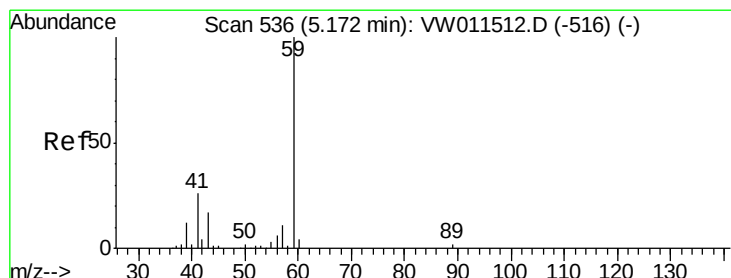
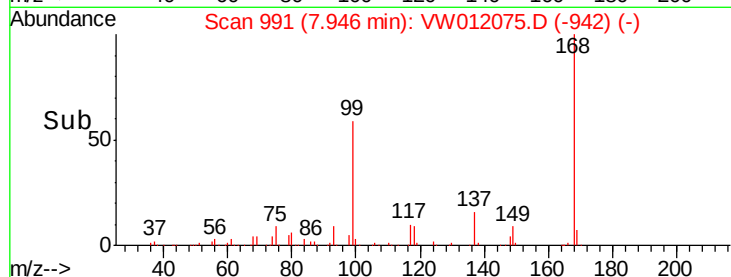
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW012075.D

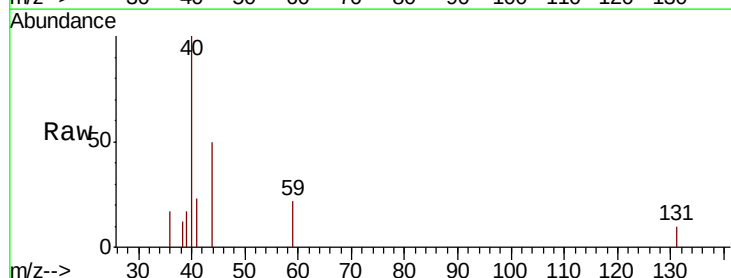
Acq: 21 Aug 2019 17:16

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

120

100

80

60

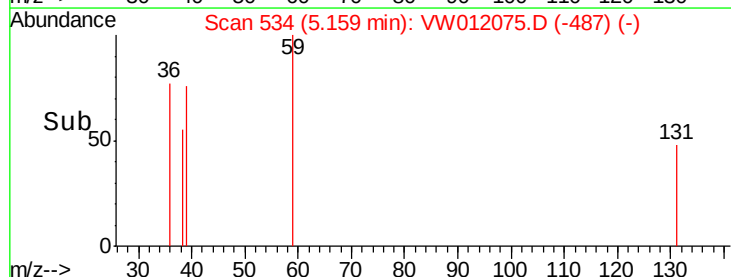
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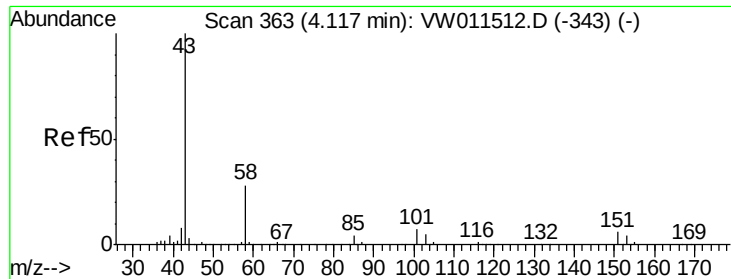
20

0

5.15 5.16 5.17

Time-->





#16

Acetone

Concen: 3.820 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012075.D

Acq: 21 Aug 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

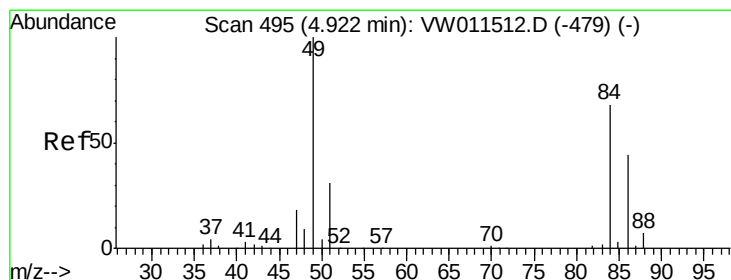
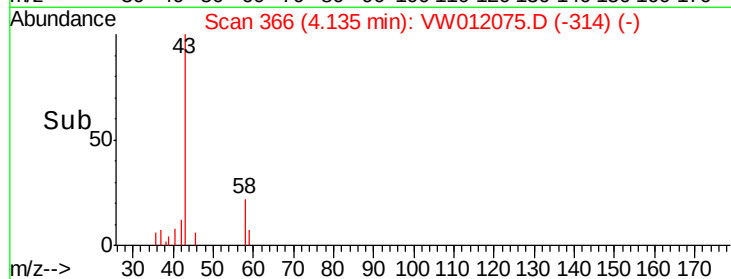
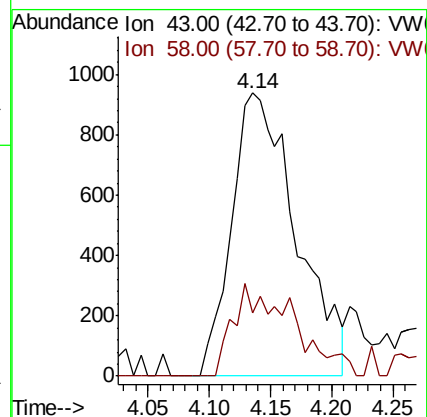
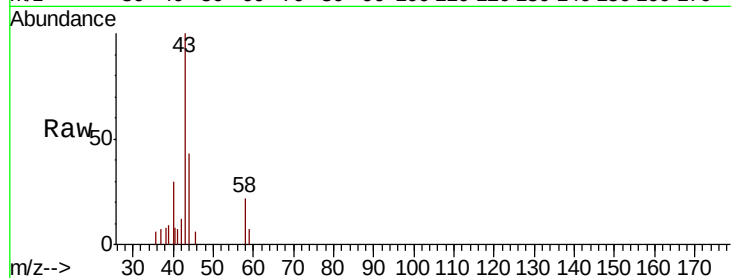
VW0821SBL02

Tgt Ion: 43 Resp: 3441

Ion Ratio Lower Upper

43 100

58 22.5 22.3 33.5



#20

Methylene Chloride

Concen: 2.092 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW012075.D

Acq: 21 Aug 2019 17:16

Tgt Ion: 84 Resp: 6499

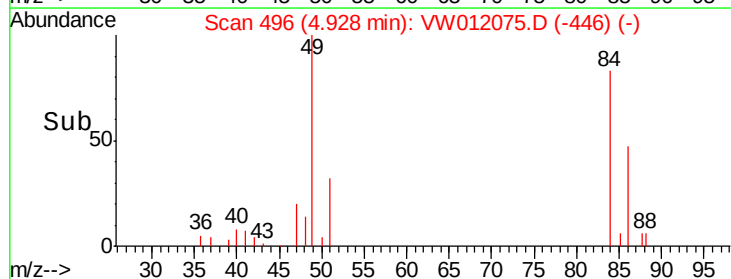
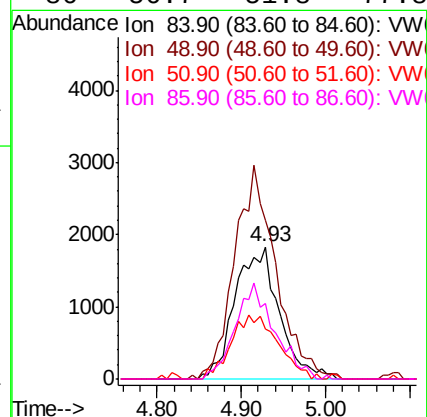
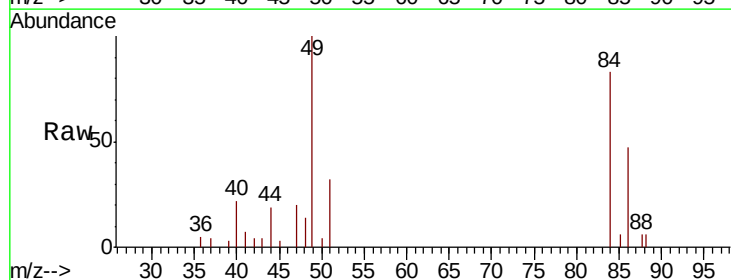
Ion Ratio Lower Upper

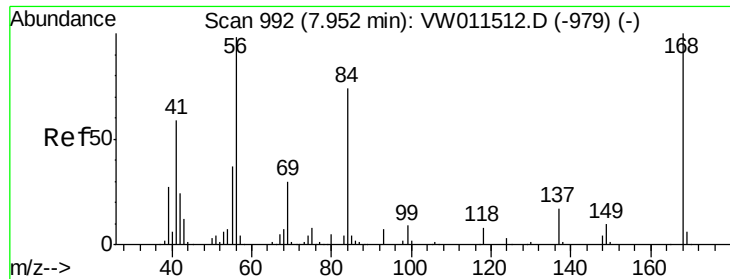
84 100

49 119.8 117.8 176.6

51 38.1 37.0 55.4

86 56.7 51.8 77.8

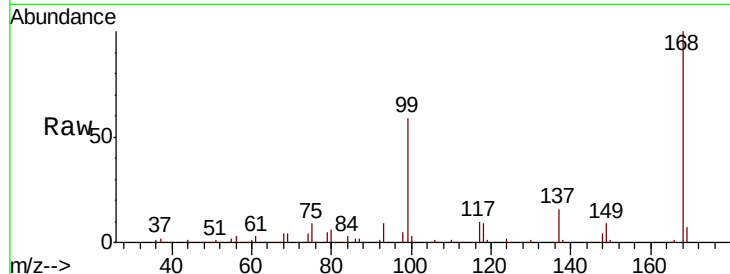




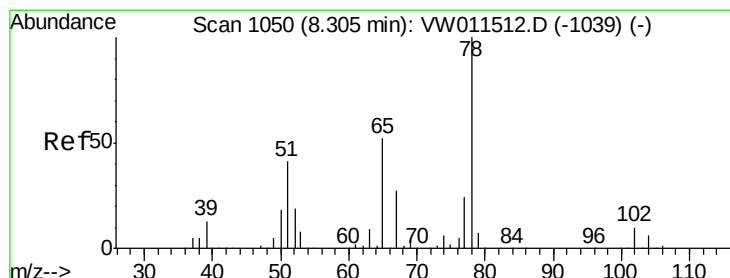
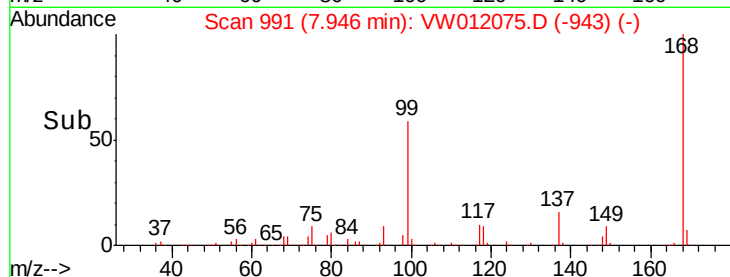
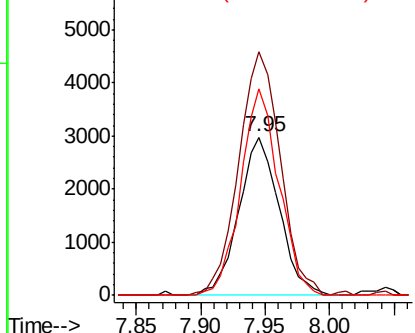
#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL02

Tgt Ion: 56 Resp: 6470
Ion Ratio Lower Upper
56 100
69 153.8 24.3 36.5#
84 130.3 60.4 90.6#

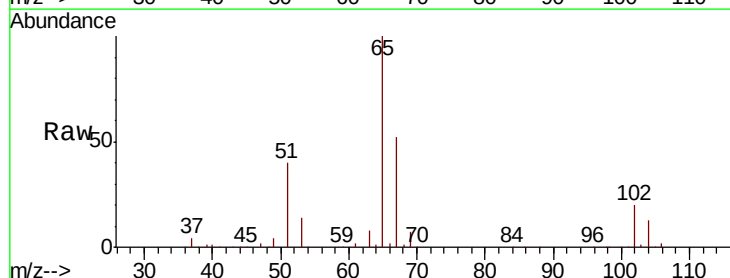


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

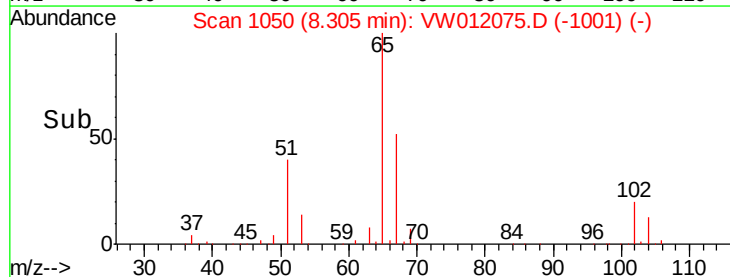
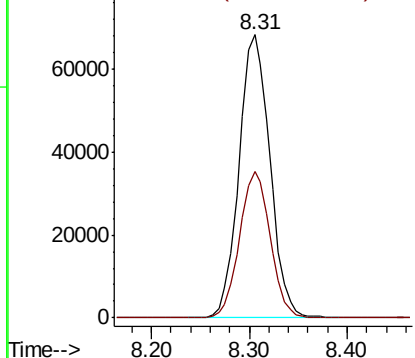


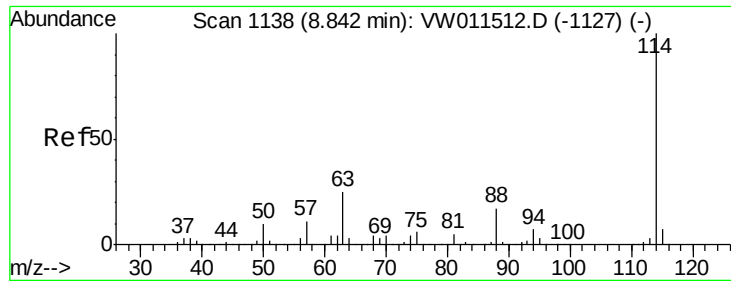
#33
1,2-Dichloroethane-d4
Concen: 52.853 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

Tgt Ion: 65 Resp: 149687
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

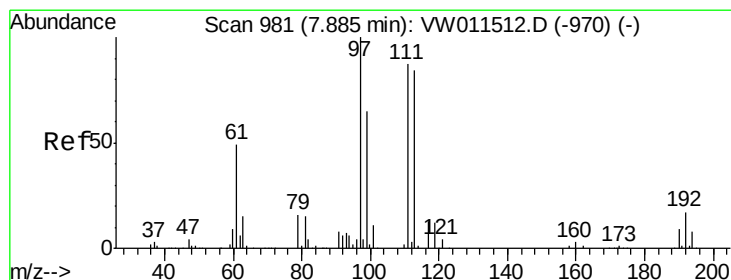
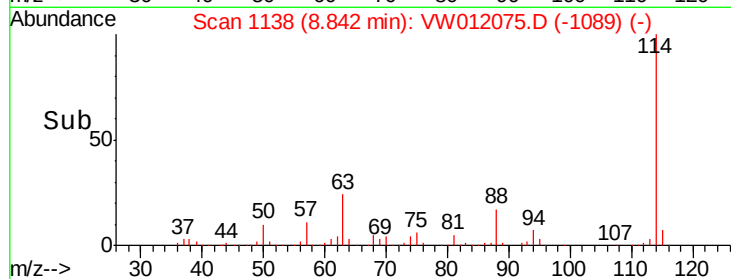
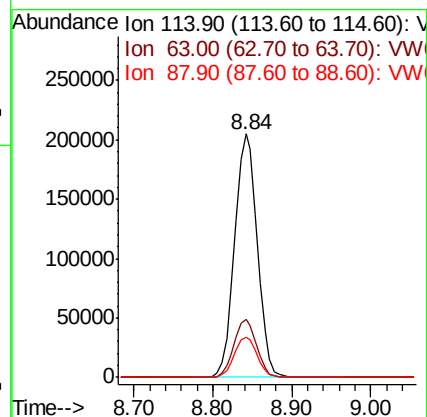
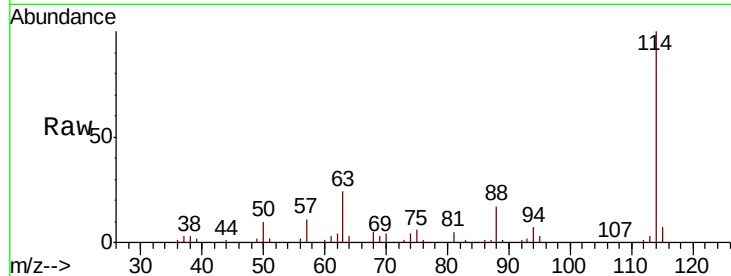




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012075.D
 Acq: 21 Aug 2019 17:16

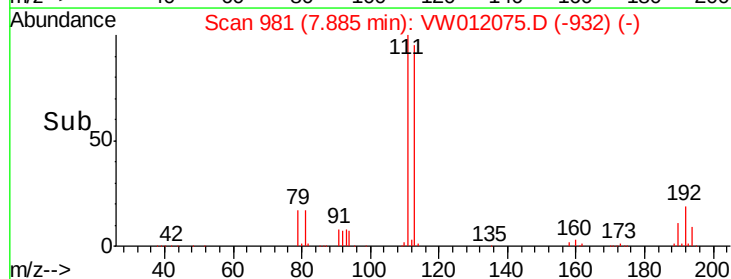
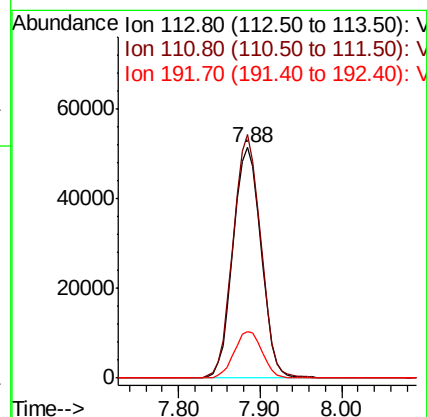
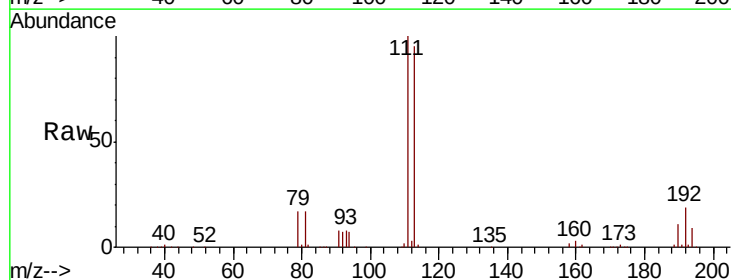
Instrument :
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 ClientSampleId :
 VW0821SBL02

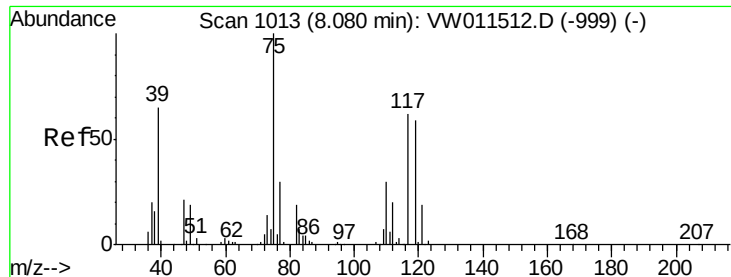
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.2
88	16.7	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.367 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012075.D
 Acq: 21 Aug 2019 17:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	20.2	16.1	24.1

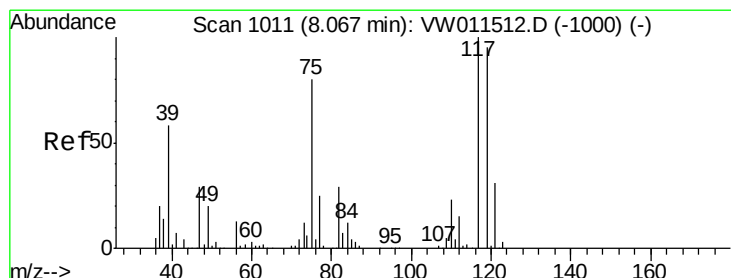
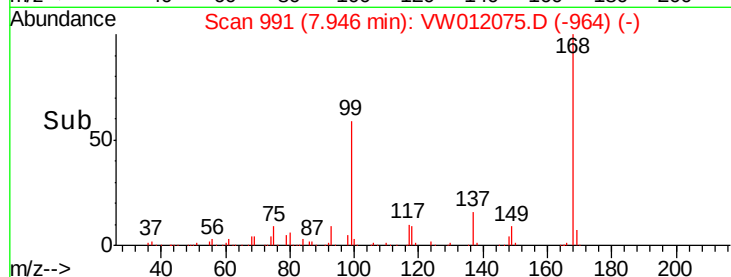
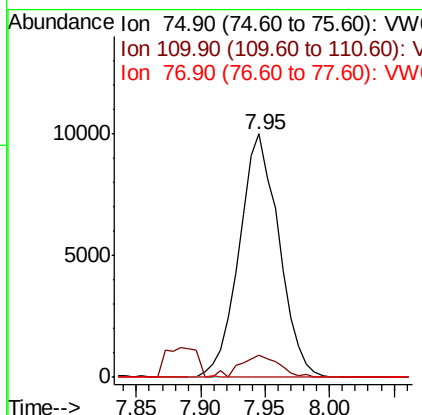
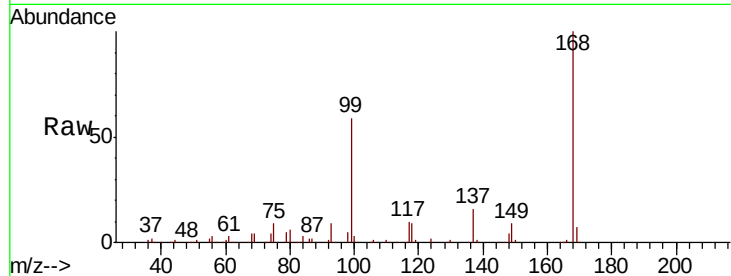




#36
 1,1-Dichloropropene
 Concen: 5.035 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012075.D
 Acq: 21 Aug 2019 17:16

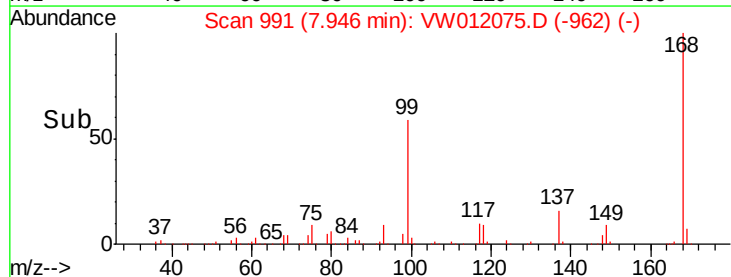
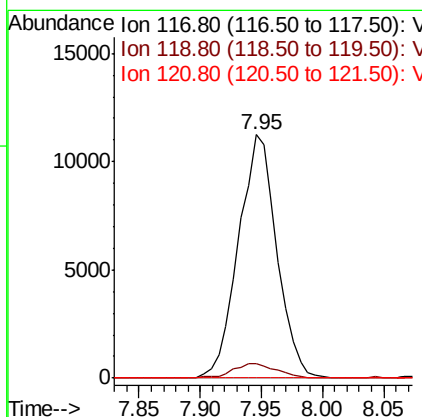
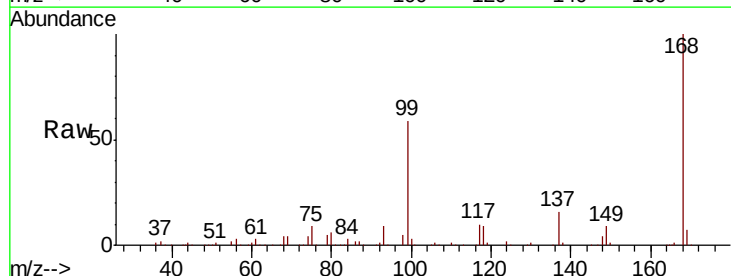
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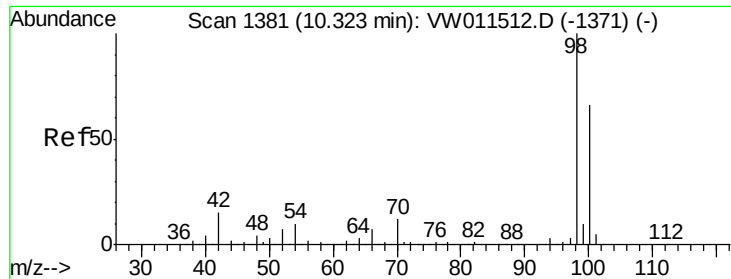
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.712 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012075.D
 Acq: 21 Aug 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.7	37.1#

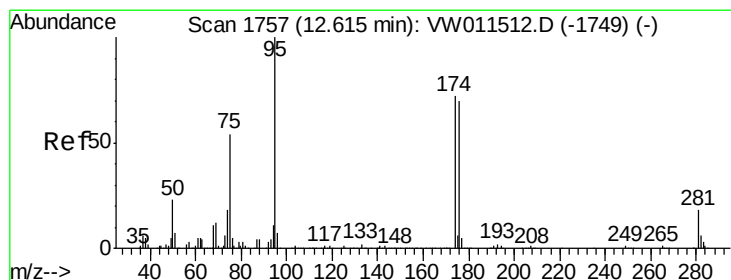
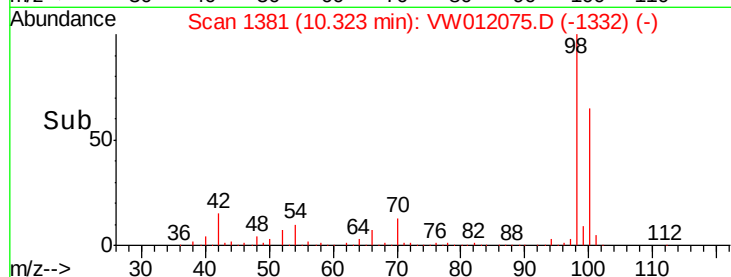
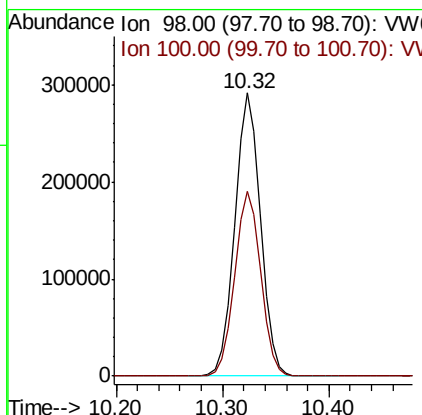
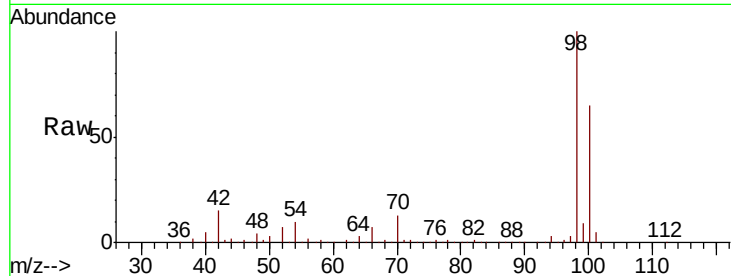




#50
Toluene-d8
Concen: 52.601 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

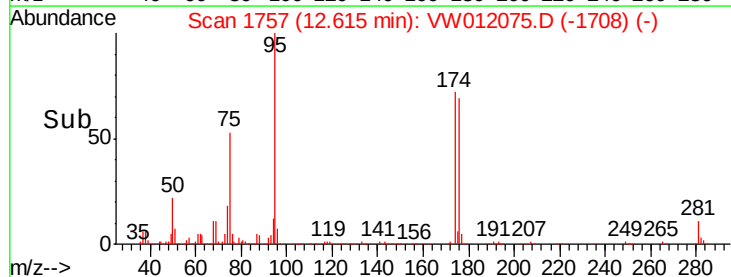
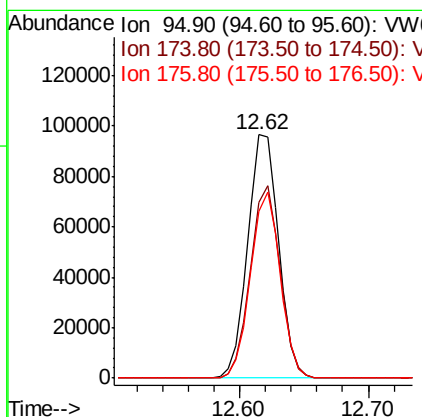
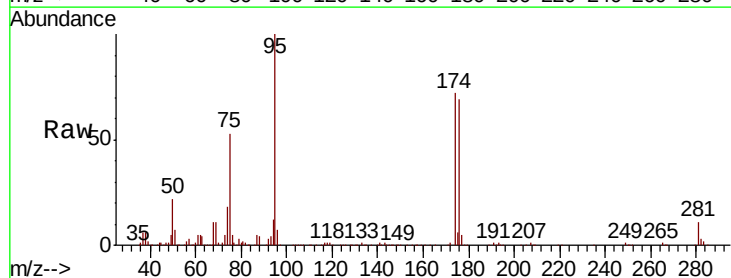
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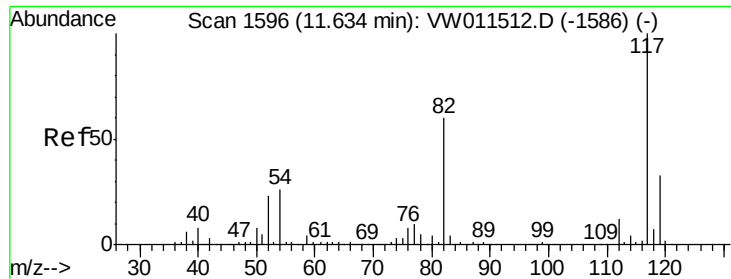
Tgt Ion: 98 Resp: 493488
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

Tgt Ion: 95 Resp: 159160
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.2
176 73.9 0.0 144.4

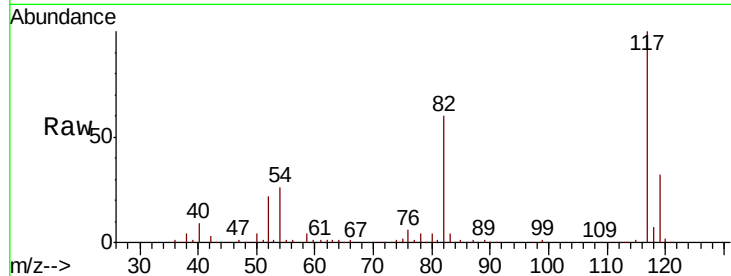




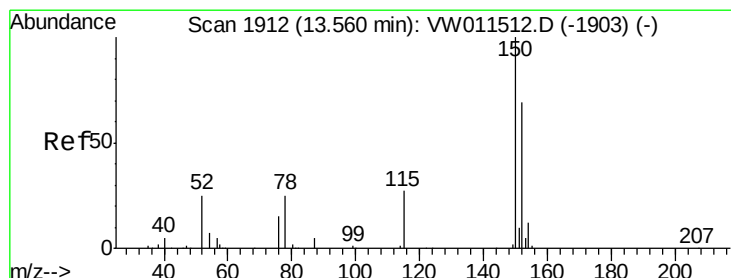
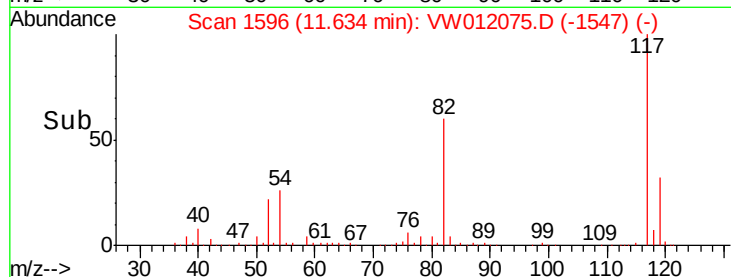
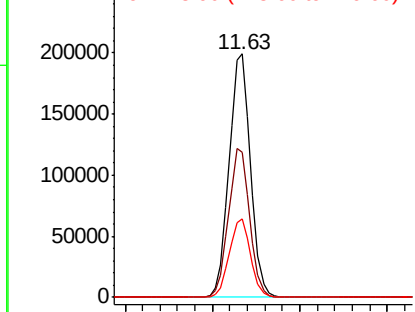
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL02

Tgt Ion:117 Resp: 338163
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 32.2 26.2 39.2

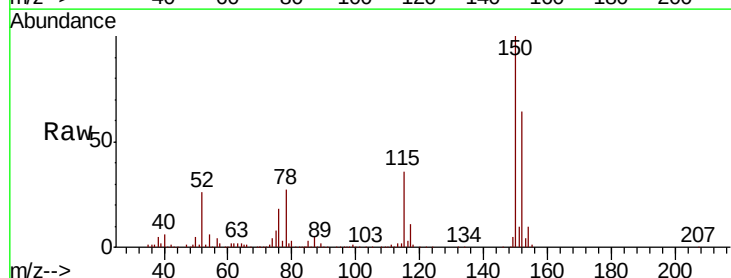


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

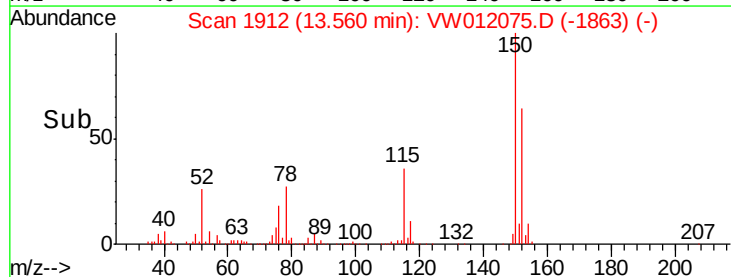
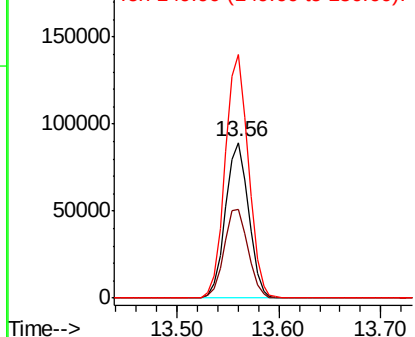


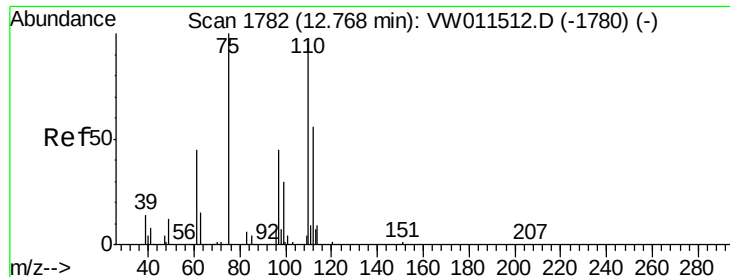
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012075.D
Acq: 21 Aug 2019 17:16

Tgt Ion:152 Resp: 139997
Ion Ratio Lower Upper
152 100
115 59.2 30.5 91.5
150 157.1 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: 57.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW012075.D

Acq: 21 Aug 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

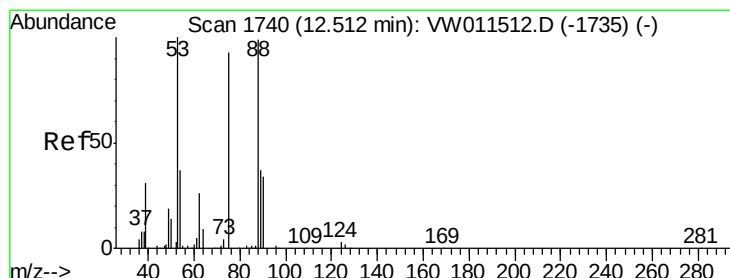
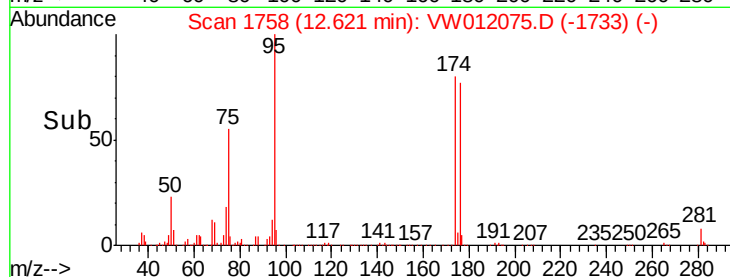
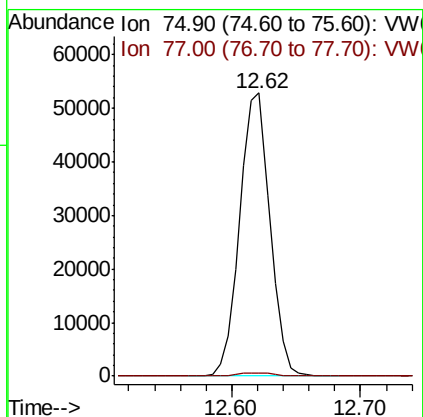
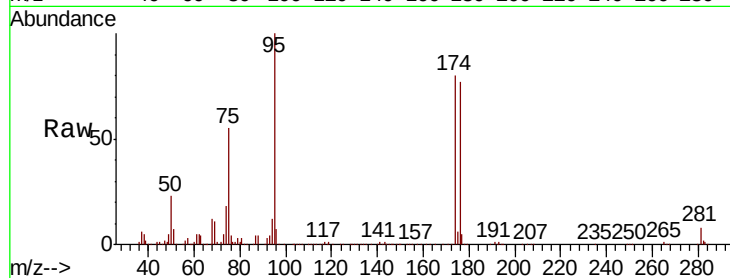
VW0821SBL02

Tgt Ion: 75 Resp: 85605

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.184 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW012075.D

Acq: 21 Aug 2019 17:16

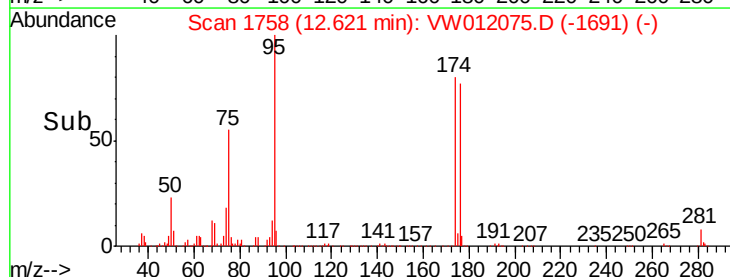
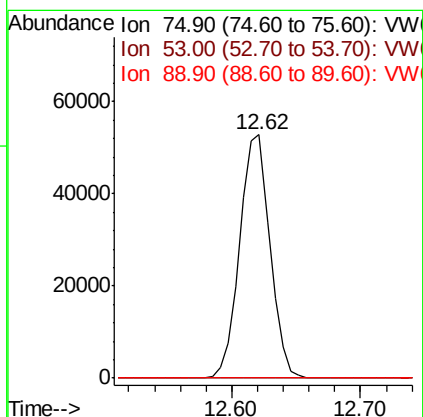
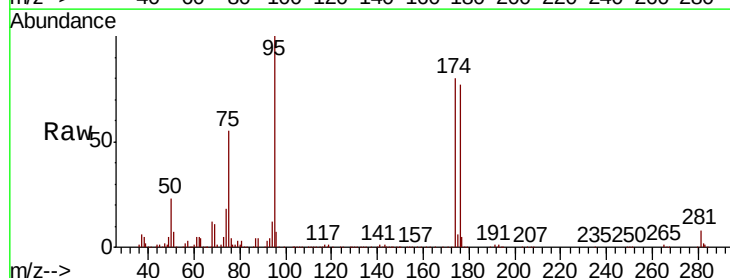
Tgt Ion: 75 Resp: 85605

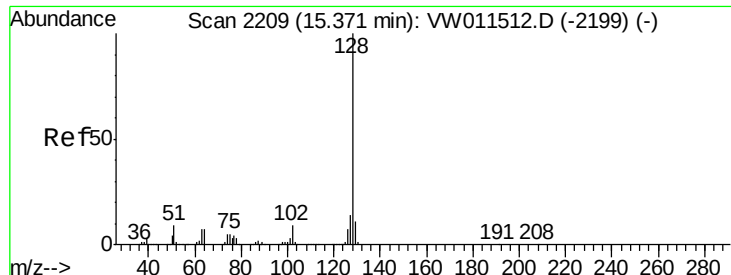
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.2 35.3 52.9#





#95

Naphthalene

Concen: 2.213 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW012075.D

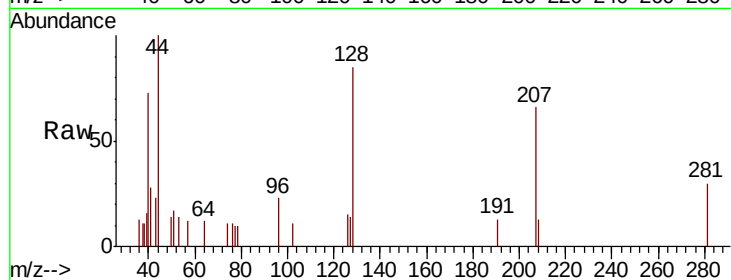
Acq: 21 Aug 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL02



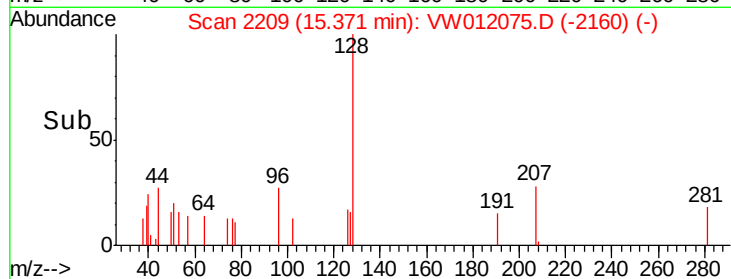
Tgt Ion:128 Resp: 846

Ion Ratio Lower Upper

128 100

127 14.4 10.6 16.0

129 2.4 8.6 13.0



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

