

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011224.D
 Acq On : 11 Jul 2019 12:56
 Operator : SY/VA
 Sample : K3733-06RE
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Quant Time: Jul 12 08:31:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129620	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	142698	57.63	ug/l	0.00
Spiked Amount			Recovery	=	115.26%	
35) Dibromofluoromethane	7.88	113	105385	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	424356	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	144383	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

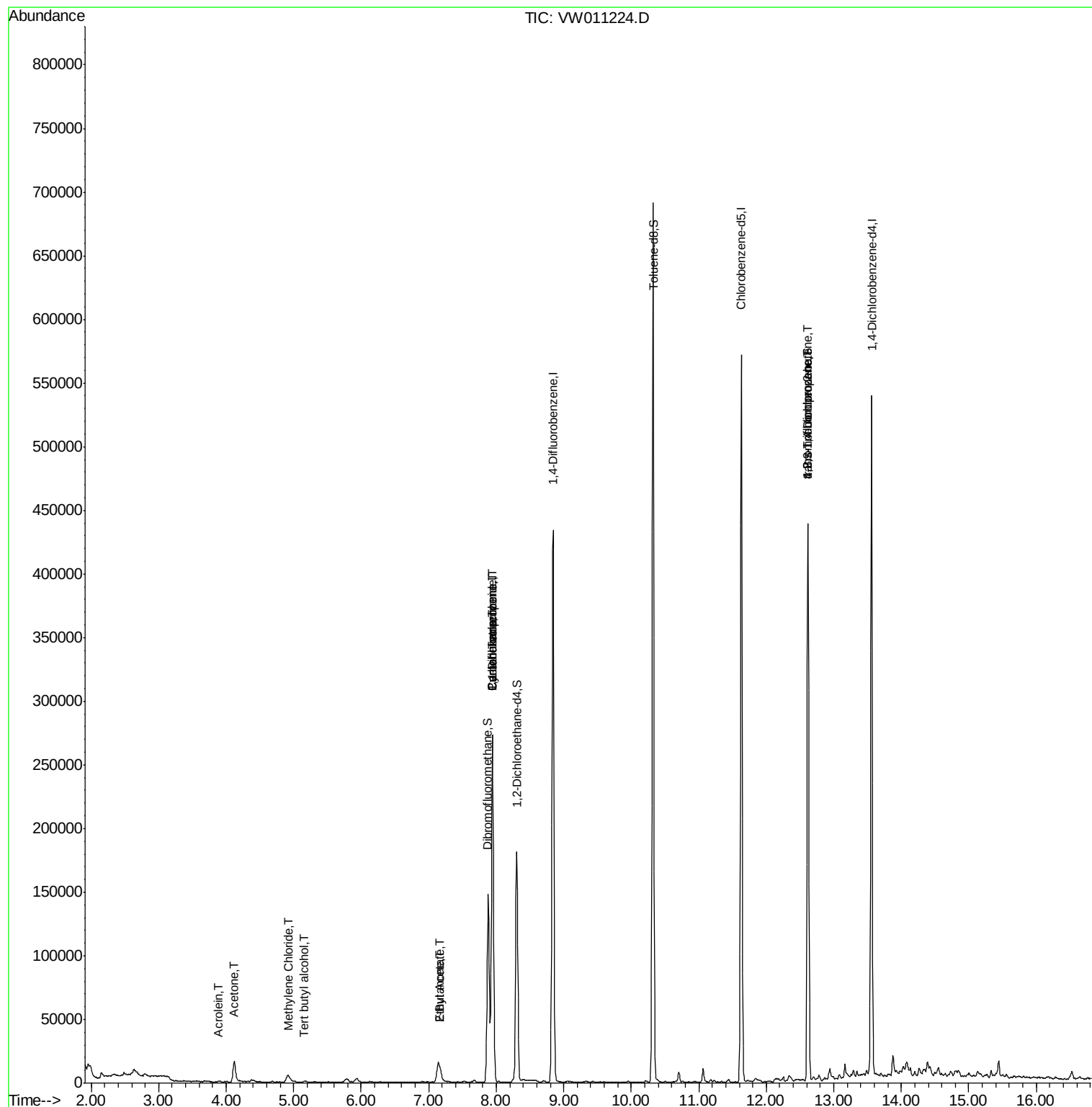
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	740	4.037	ug/l #	70
13) Acrolein	3.89	56	359	2.459	ug/l #	49
16) Acetone	4.12	43	30653	51.451	ug/l	99
18) Methyl Acetate	4.67	43	294	Below Cal		97
20) Methylene Chloride	4.92	84	4246	1.807	ug/l	92
25) 2-Butanone	7.17	43	13178	14.091	ug/l	98
31) Cyclohexane	7.94	56	5209	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17858	4.966	ug/l #	51
37) Ethyl Acetate	7.17	43	13178	6.100	ug/l #	72
38) Carbon Tetrachloride	7.95	117	19627	6.439	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	78523	52.421	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78523	118.567	ug/l #	6

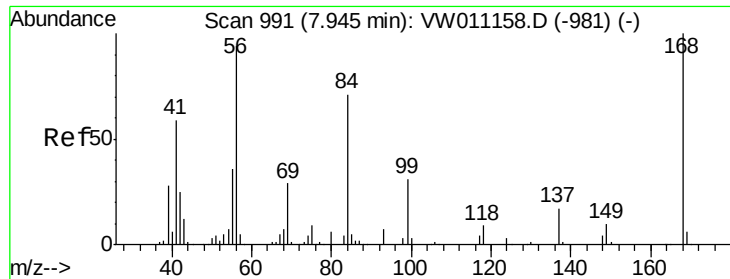
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

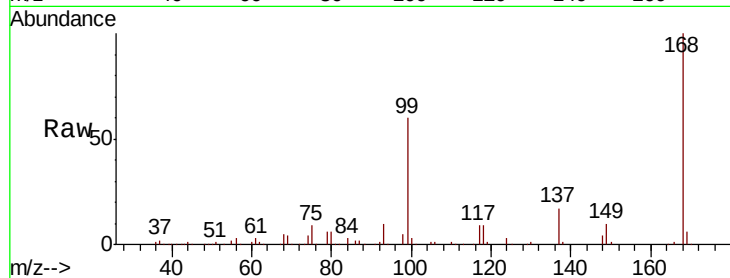
DUP-0537-190709

Tot Ion:168 Resp: 197054

Ion Ratio Lower Upper

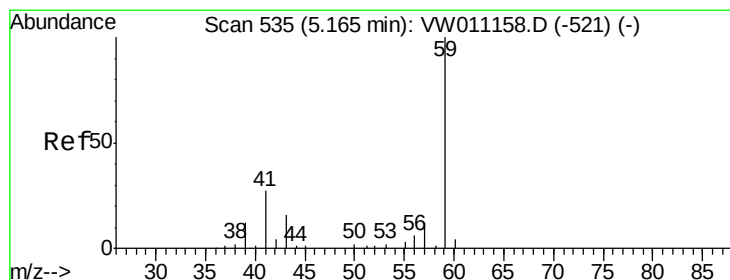
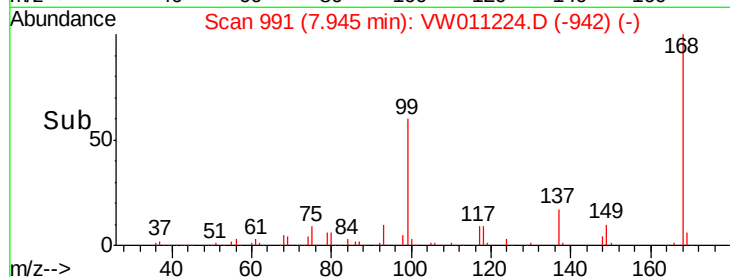
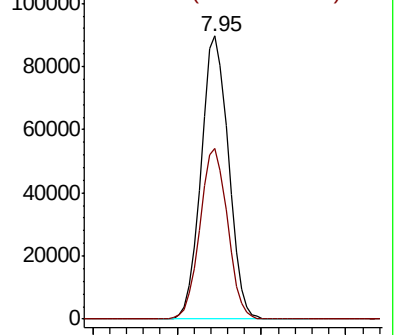
168 100

99 60.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.037 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011224.D

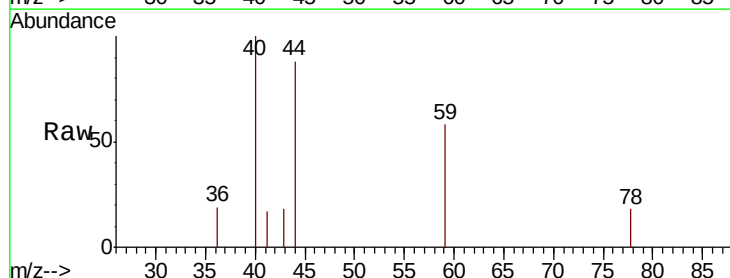
Acq: 11 Jul 2019 12:56

Tgt Ion: 59 Resp: 740

Ion Ratio Lower Upper

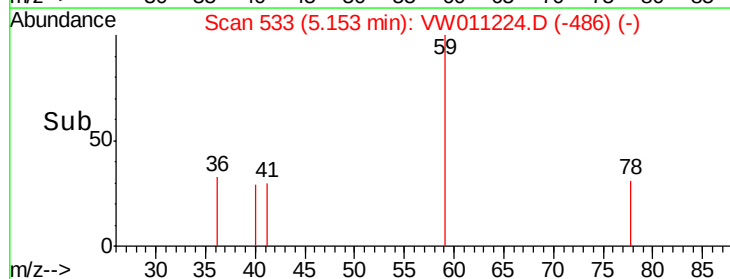
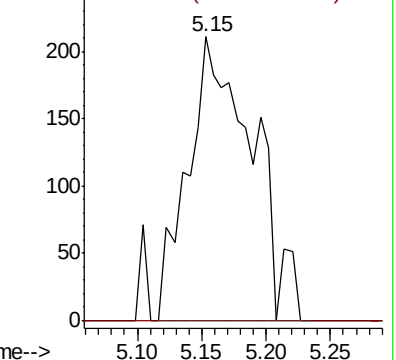
59 100

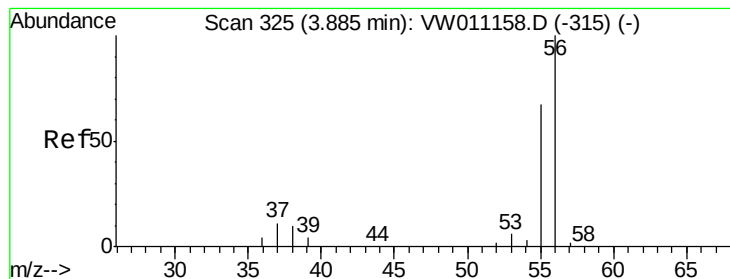
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 2.459 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

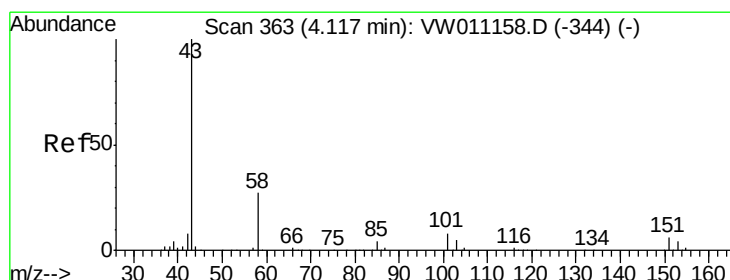
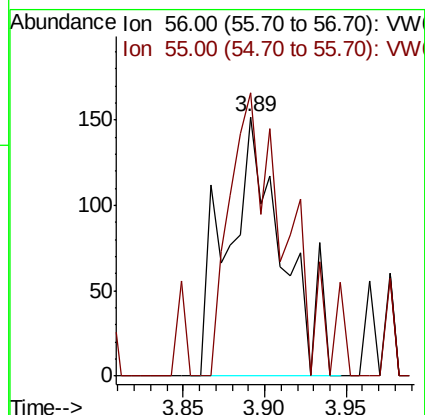
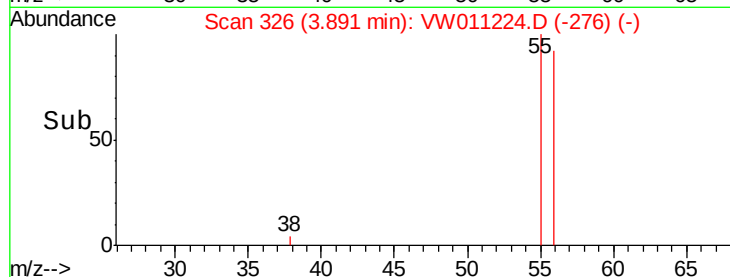
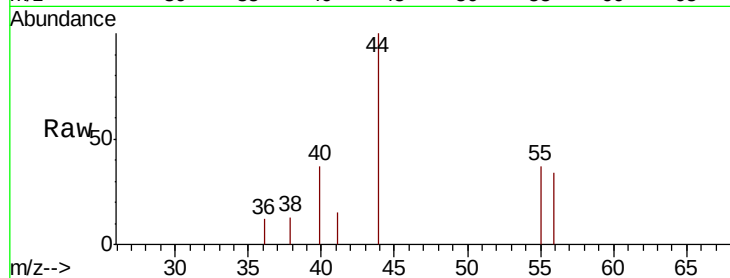
DUP-0537-190709

Tot Ion: 56 Resp: 359

Ion Ratio Lower Upper

56 100

55 112.3 56.4 84.6#



#16

Acetone

Concen: 51.451 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011224.D

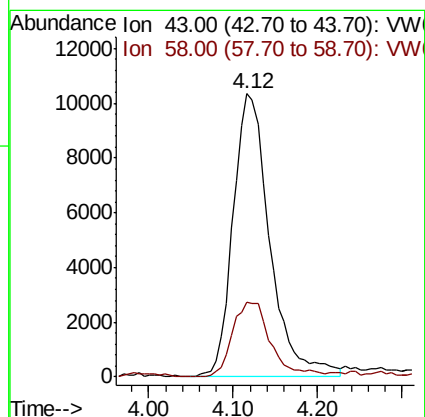
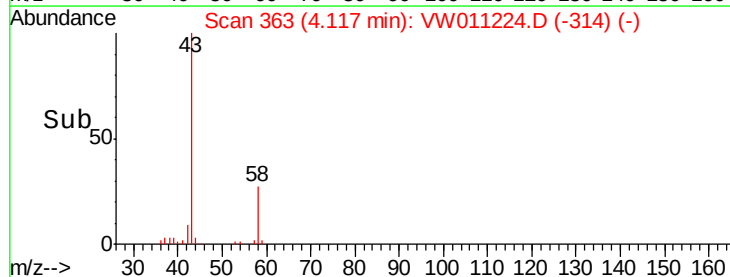
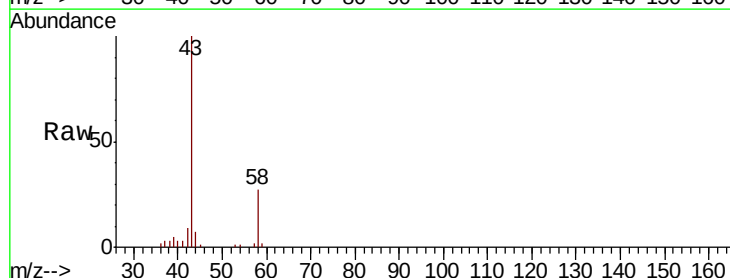
Acq: 11 Jul 2019 12:56

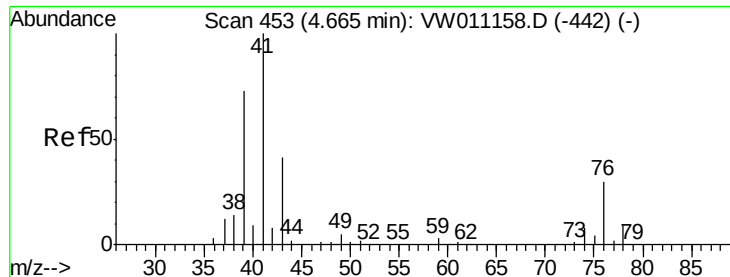
Tgt Ion: 43 Resp: 30653

Ion Ratio Lower Upper

43 100

58 26.5 21.8 32.6

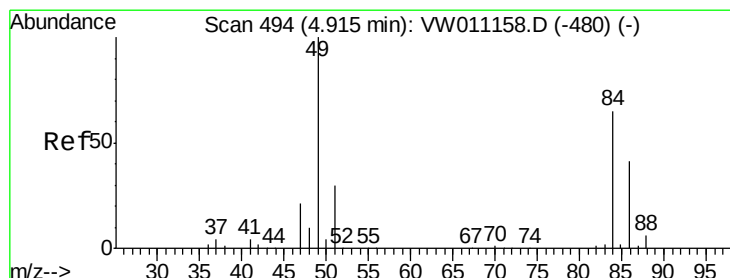
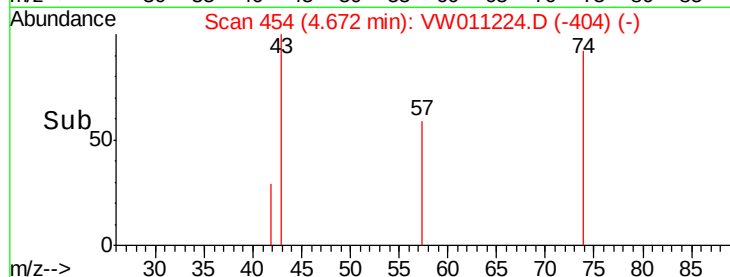
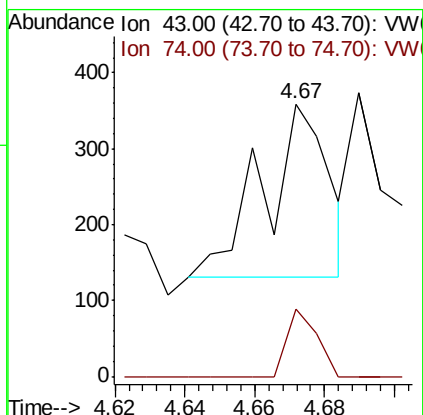
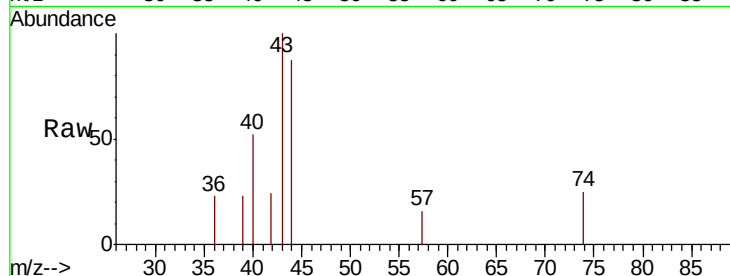




#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

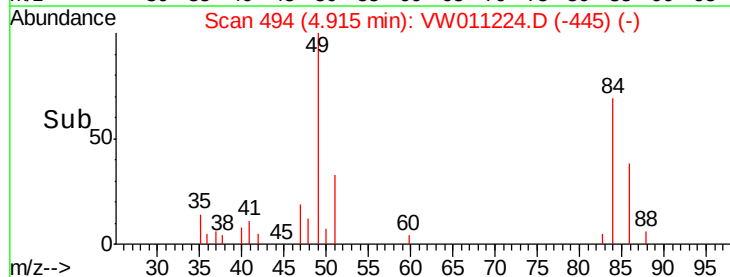
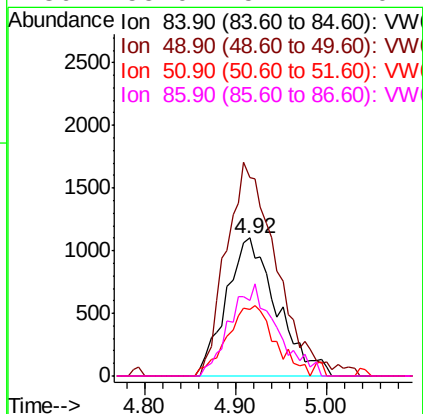
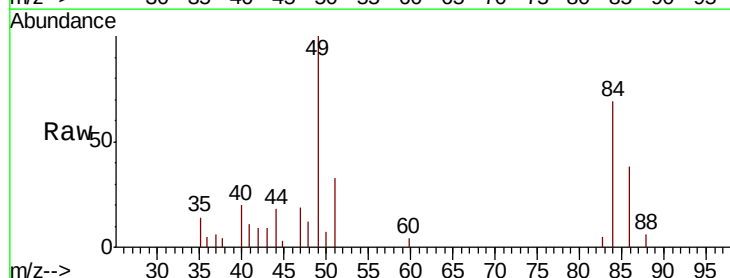
Instrument :
MSVOA_W
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DUP-0537-190709

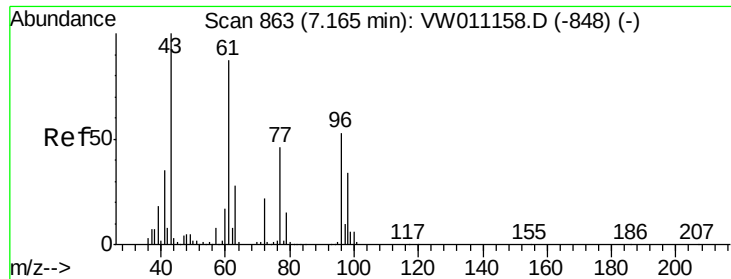
Tot Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
74 18.0 15.7 23.5



#20
Methylene Chloride
Concen: 1.807 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

Tgt Ion: 84 Resp: 4246
Ion Ratio Lower Upper
84 100
49 144.6 123.8 185.6
51 48.4 37.4 56.2
86 55.0 51.1 76.7

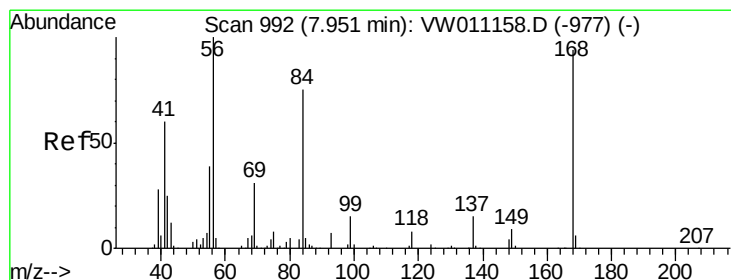
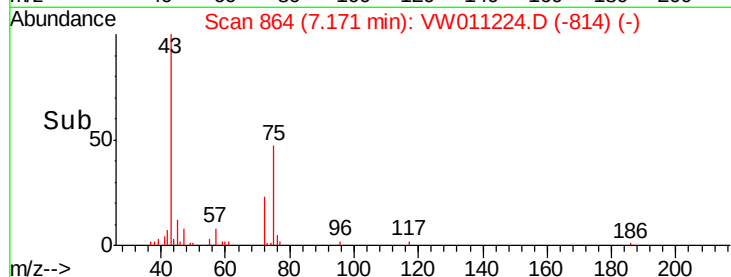
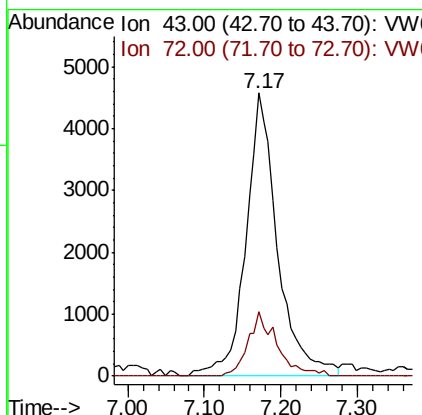
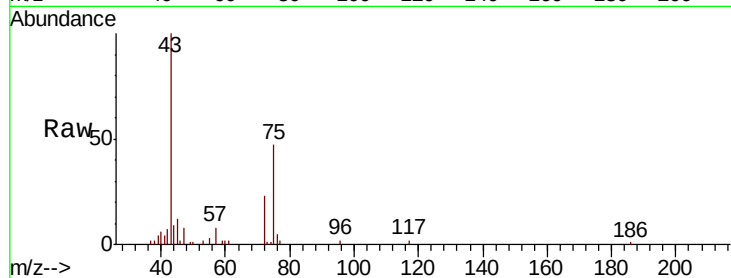




#25
2-Butanone
Concen: 14.091 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

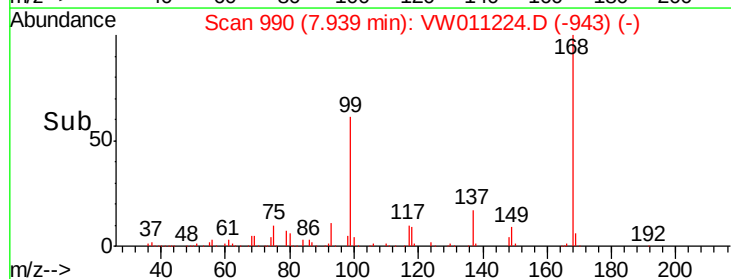
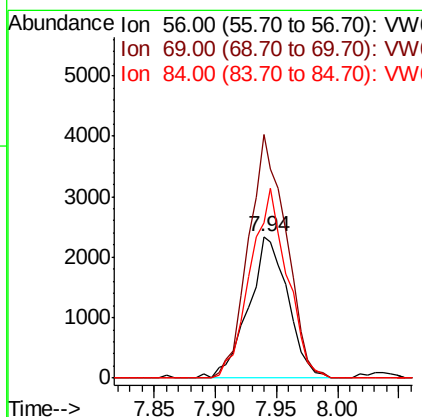
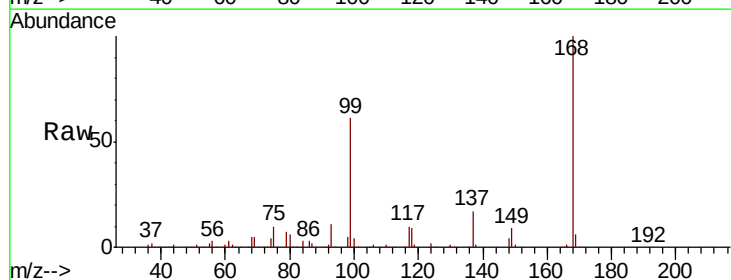
Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

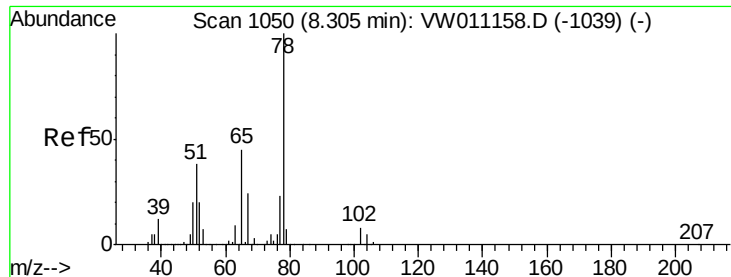
Tot Ion: 43 Resp: 13178
Ion Ratio Lower Upper
43 100
72 23.0 17.6 26.4



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

Tgt Ion: 56 Resp: 5209
Ion Ratio Lower Upper
56 100
69 172.3 24.6 36.8#
84 109.8 60.1 90.1#

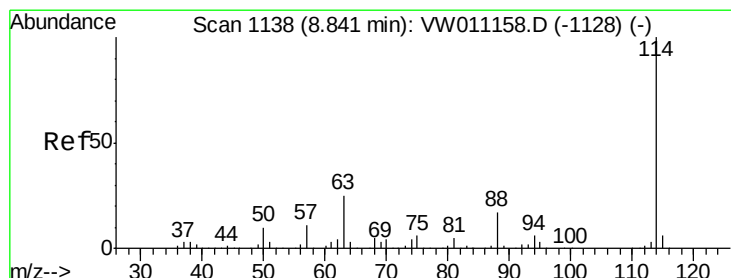
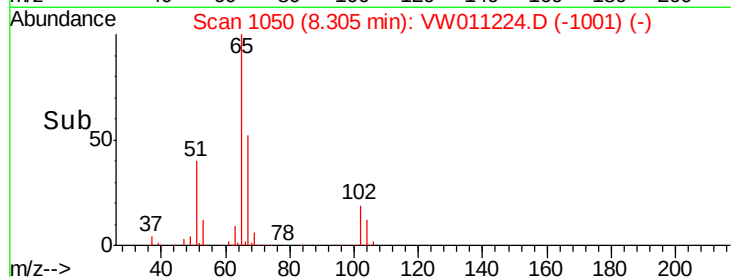
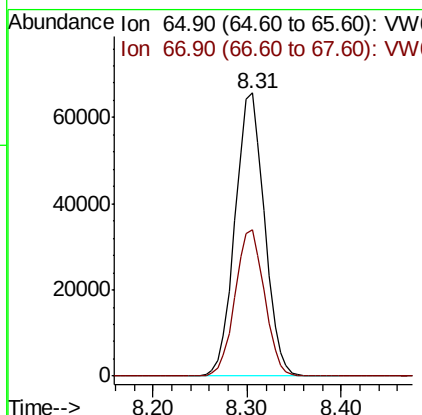
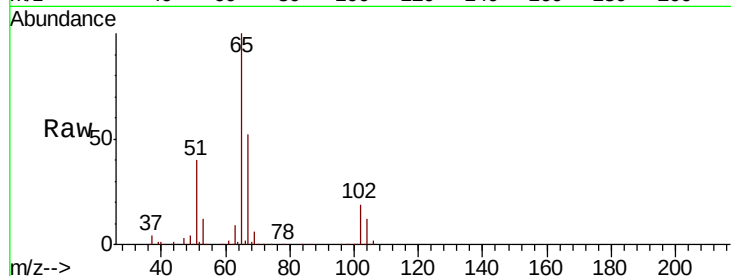




#33
 1,2-Dichloroethane-d4
 Concen: 57.631 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

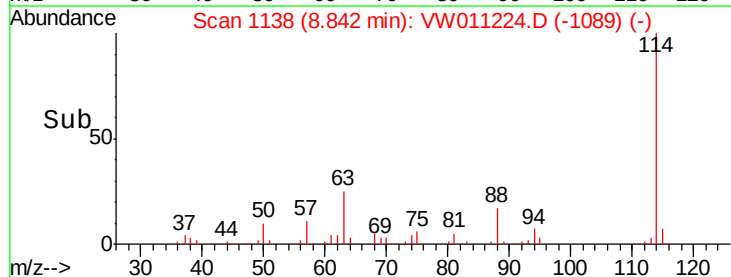
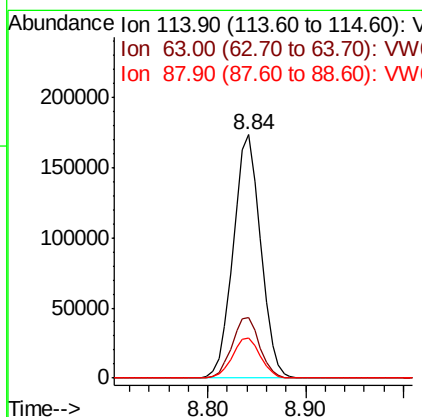
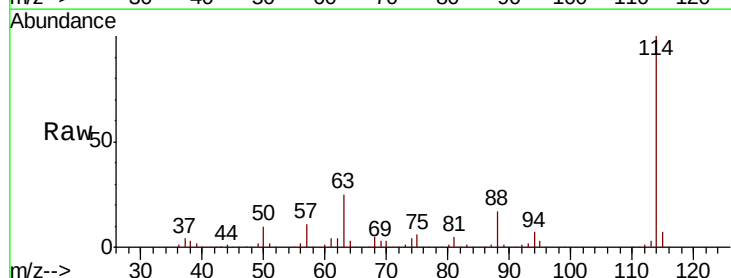
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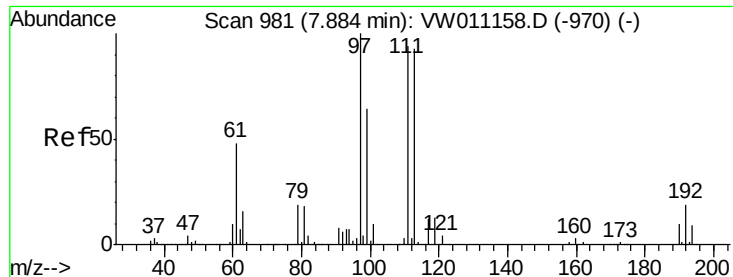
Tot Ion: 65 Resp: 142698
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Tgt Ion: 114 Resp: 337660
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 16.6 0.0 34.2

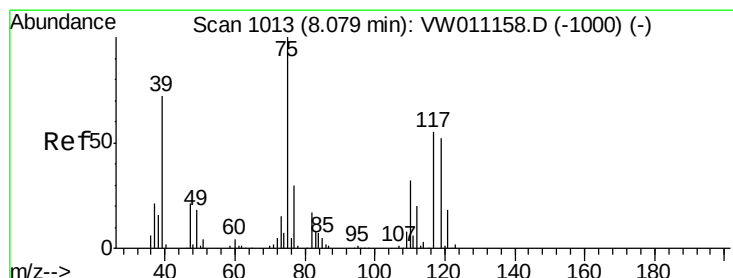
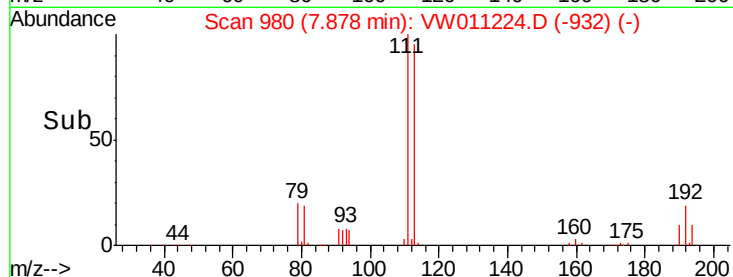
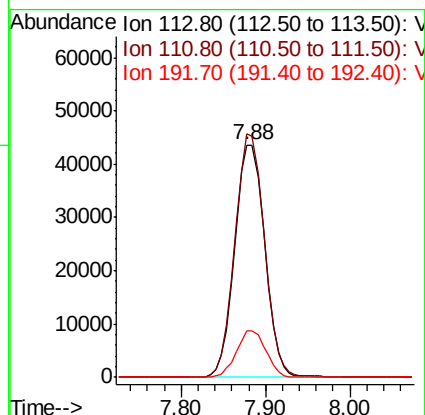
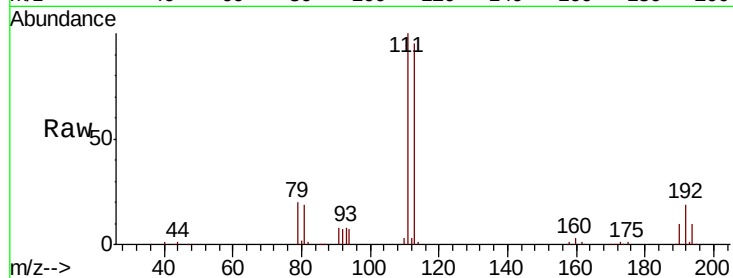




#35
 Dibromofluoromethane
 Concen: 52.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

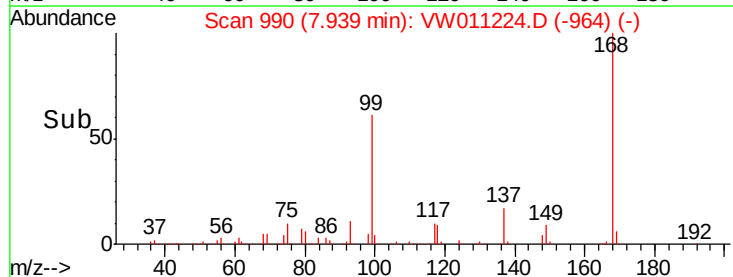
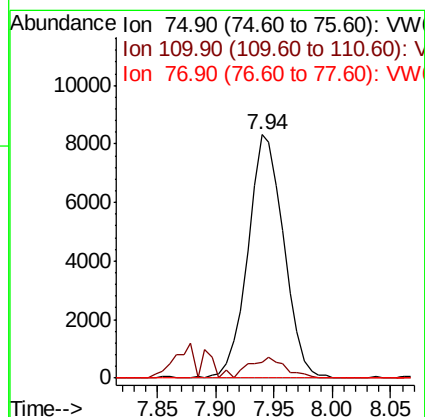
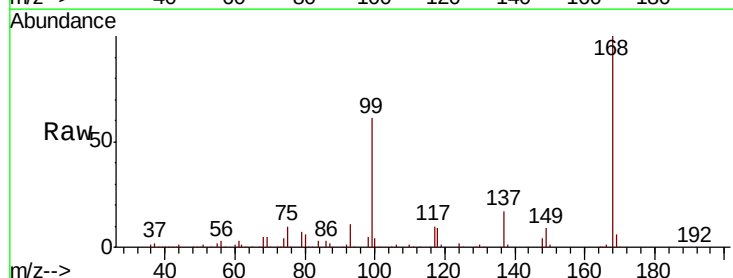
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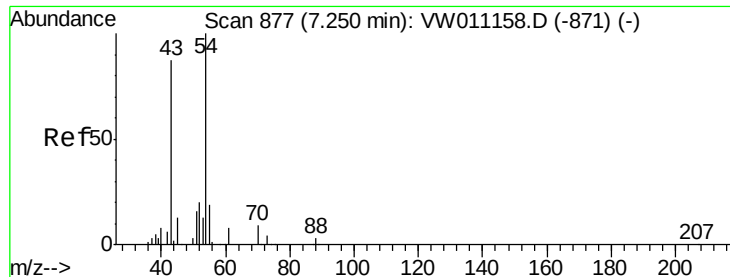
Tot Ion:113 Resp: 105385
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Tgt Ion: 75 Resp: 17858
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.9 47.6#
 77 0.0 24.6 36.8#

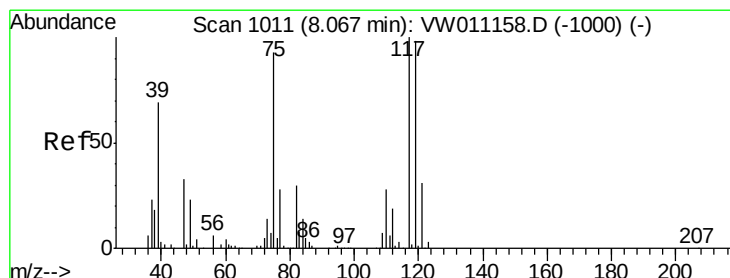
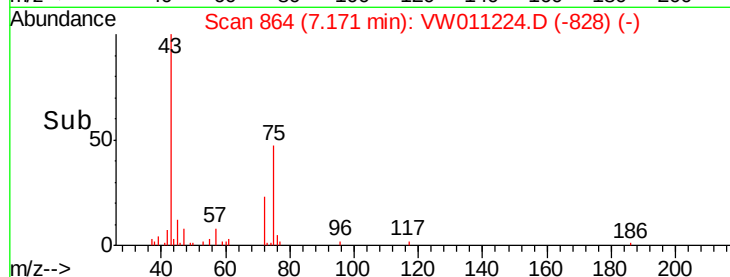
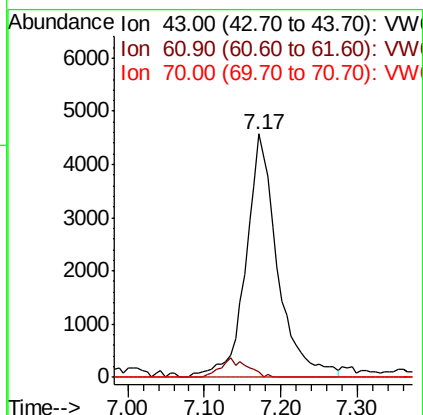
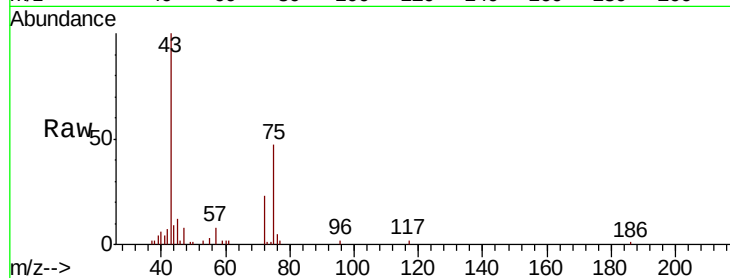




#37
Ethyl Acetate
Concen: 6.100 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

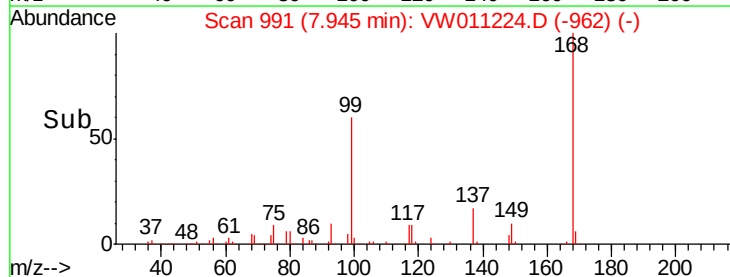
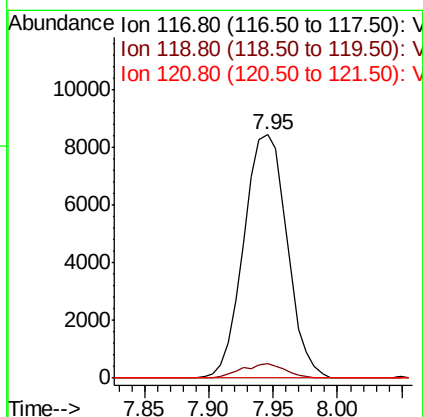
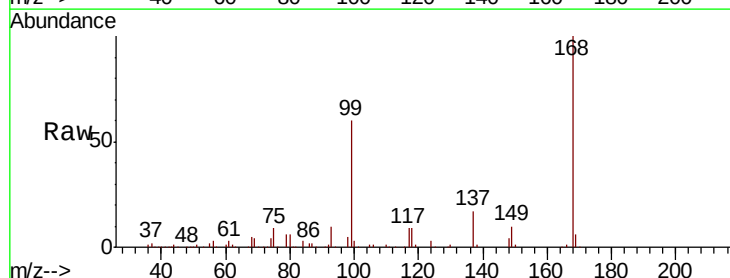
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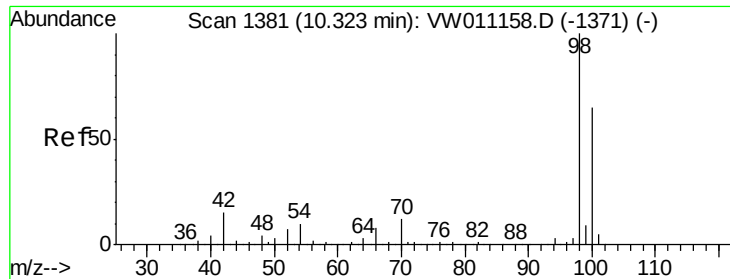
Tot Ion: 43 Resp: 13178
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

Tgt Ion: 117 Resp: 19627
Ion Ratio Lower Upper
117 100
119 5.7 78.1 117.1#
121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 52.163 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

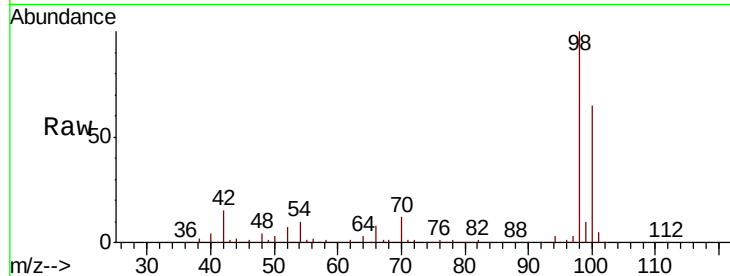
DUP-0537-190709

Tot Ion: 98 Resp: 424356

Ion Ratio Lower Upper

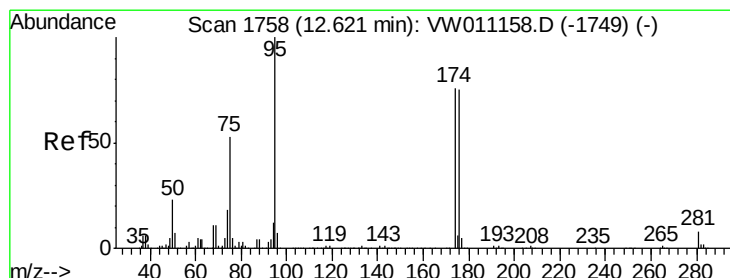
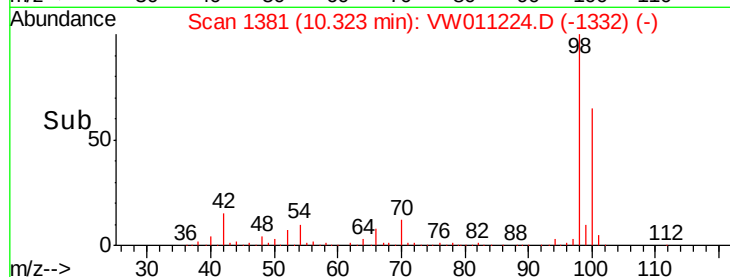
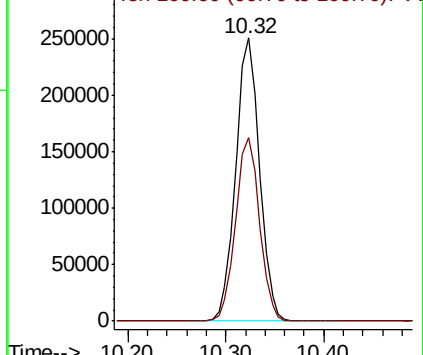
98 100

100 65.3 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: 48.421 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011224.D

Acq: 11 Jul 2019 12:56

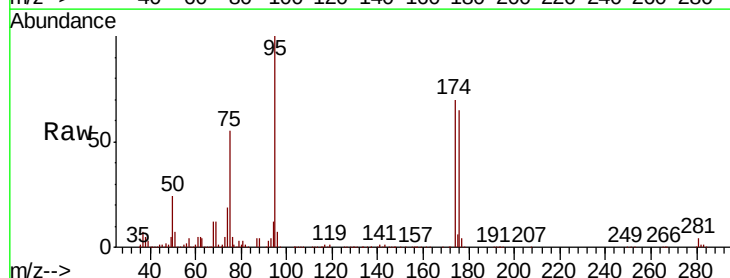
Tgt Ion: 95 Resp: 144383

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.6

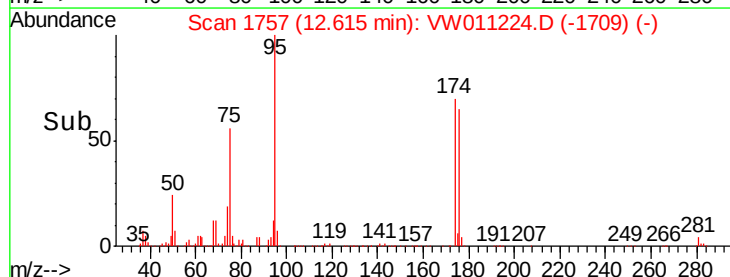
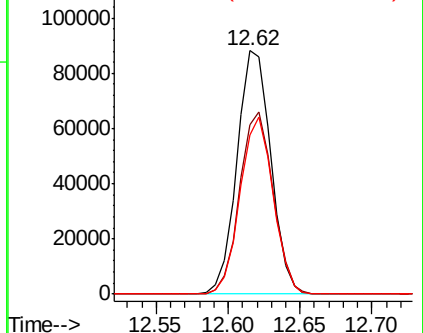
176 70.9 0.0 144.6

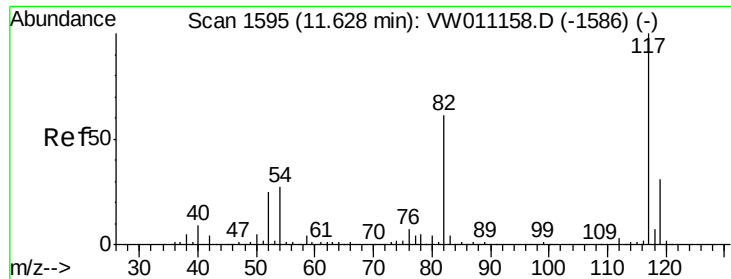


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

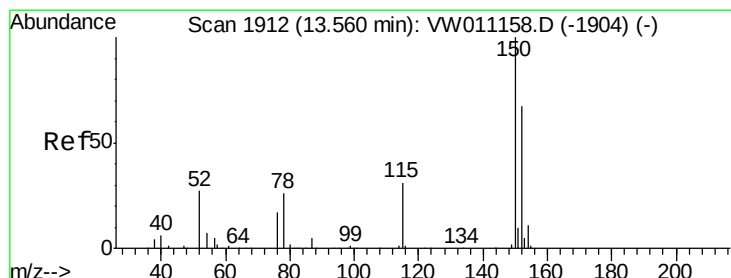
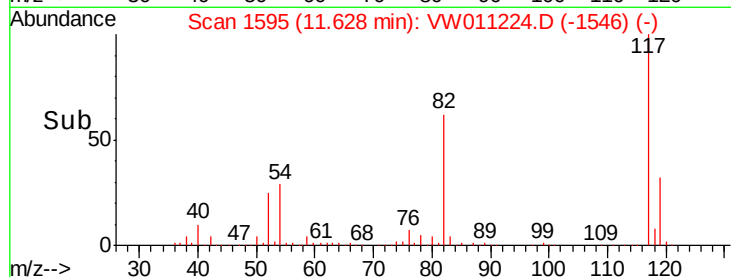
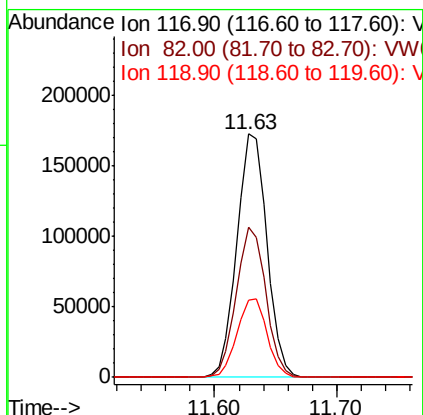
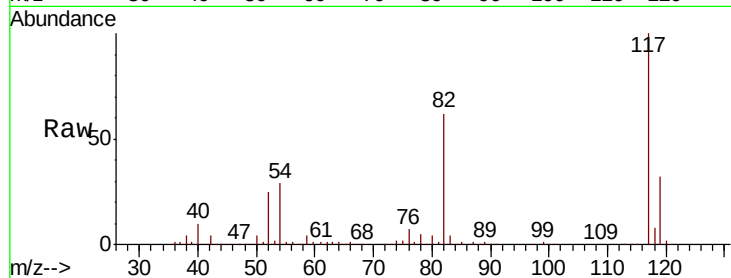




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

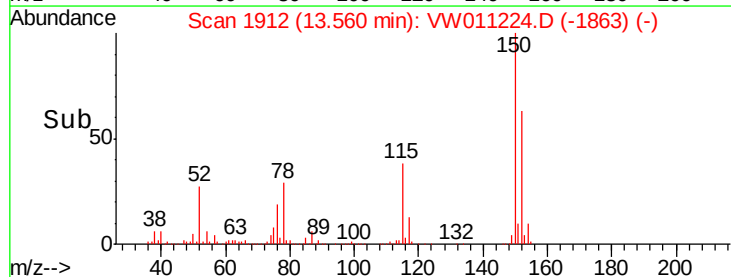
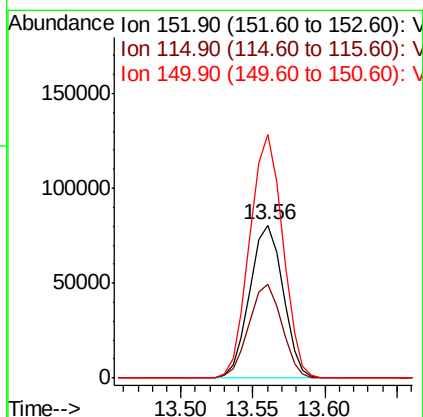
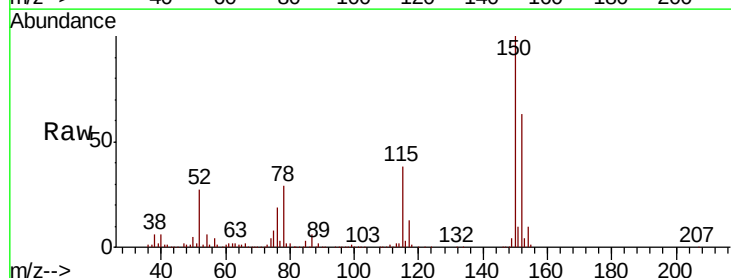
Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

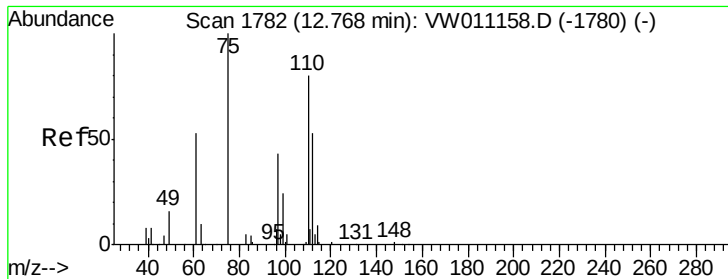
Tot Ion:117 Resp: 293701
Ion Ratio Lower Upper
117 100
82 61.8 48.9 73.3
119 31.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011224.D
Acq: 11 Jul 2019 12:56

Tgt Ion:152 Resp: 129620
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 157.5 0.0 346.0

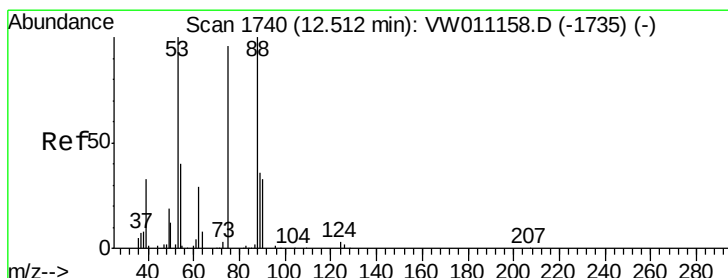
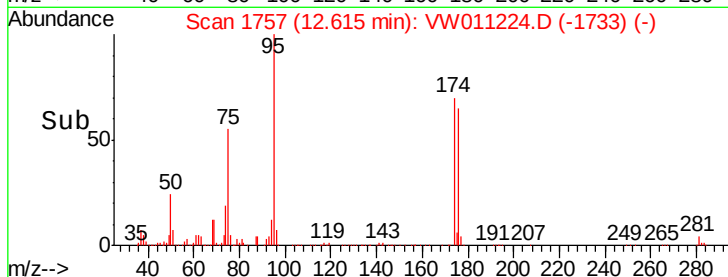
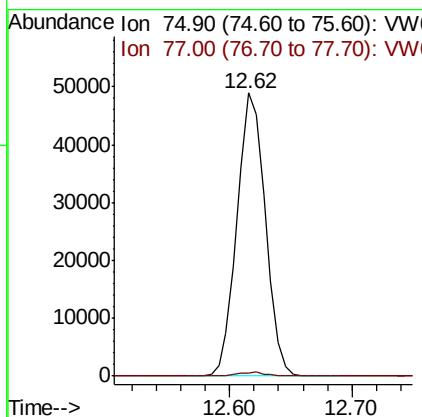
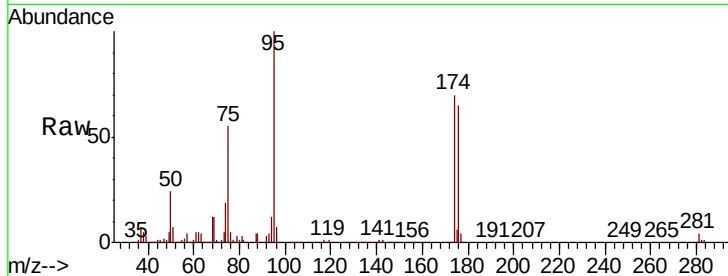




#76
 1,2,3-Trichloropropane
 Concen: 52.421 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Tot Ion: 75 Resp: 78523
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.567 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011224.D
 Acq: 11 Jul 2019 12:56

Tgt Ion: 75 Resp: 78523
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.8 134.6#
 89 0.0 34.3 51.5#

