

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011216.D
 Acq On : 11 Jul 2019 03:38
 Operator : SY/VA
 Sample : K3621-03
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-071019-B

Quant Time: Jul 11 08:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	127918	55.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.34%	
35) Dibromofluoromethane	7.88	113	98867	51.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.26%	
50) Toluene-d8	10.32	98	389088	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	114590	40.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.78%	

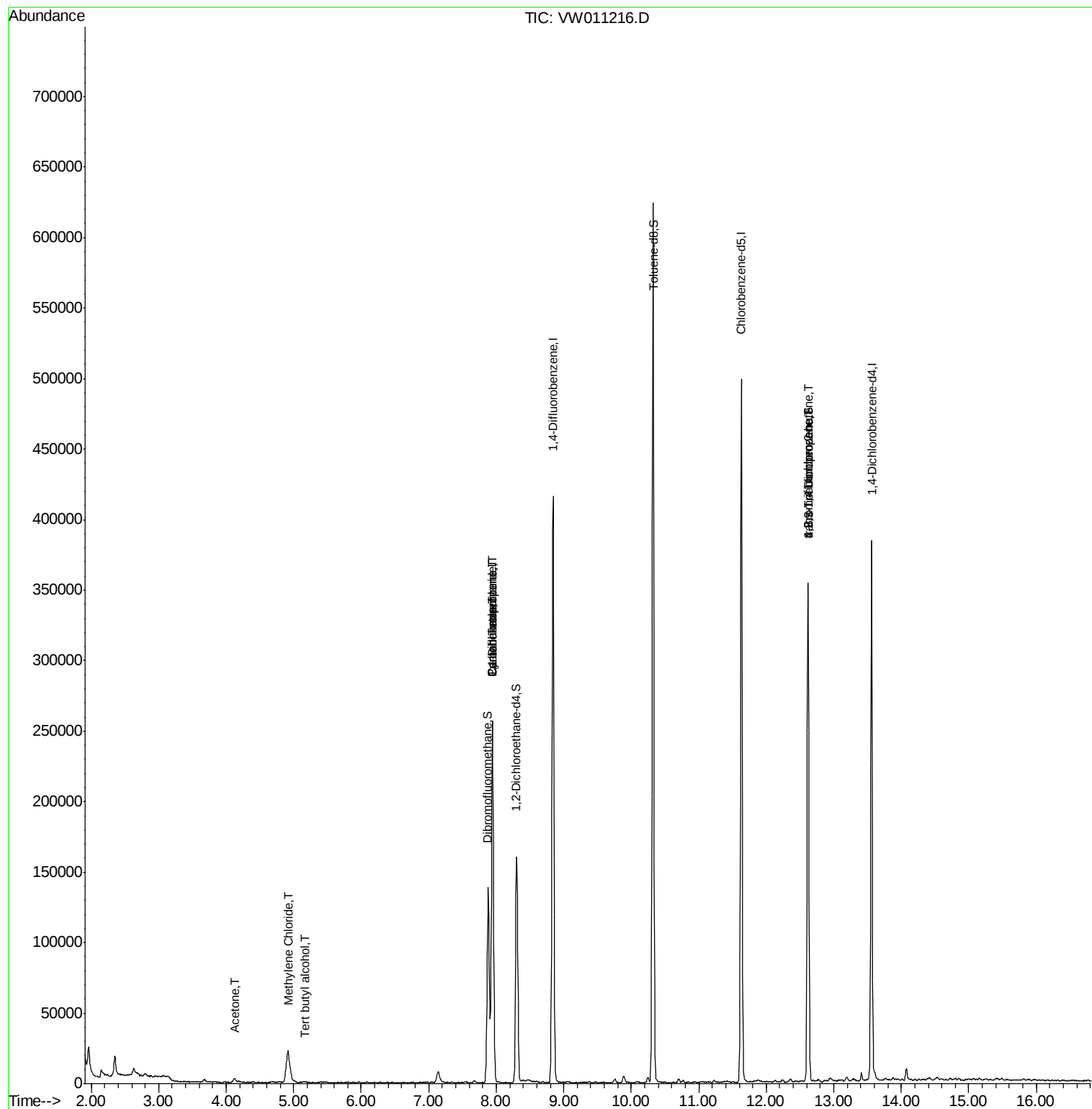
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	354	2.062	ug/l #	53
16) Acetone	4.12	43	5569	9.983	ug/l #	89
20) Methylene Chloride	4.92	84	18705	8.499	ug/l	93
31) Cyclohexane	7.94	56	4834	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16911	4.943	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18758	6.468	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	61769	59.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61769	133.840	ug/l #	5

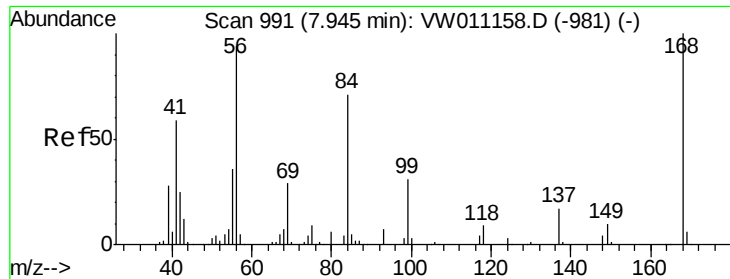
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 10 06:41:08 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: VW011216.D

Acq: 11 Jul 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

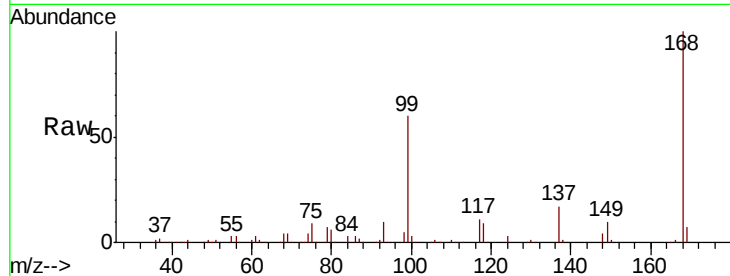
OK-03-071019-B

Tot Ion:168 Resp: 184517

Ion Ratio Lower Upper

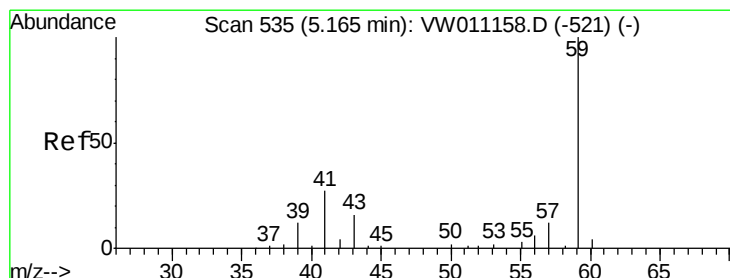
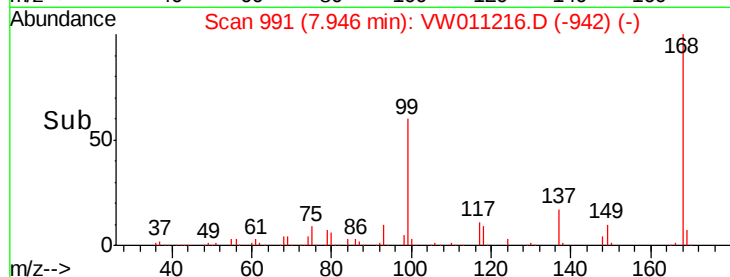
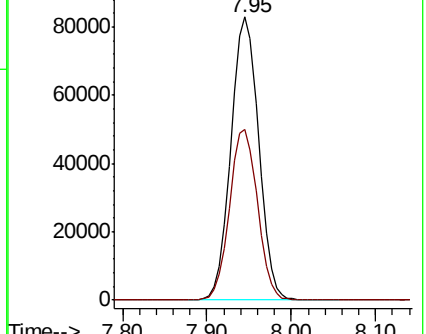
168 100

99 60.2 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: 2.062 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011216.D

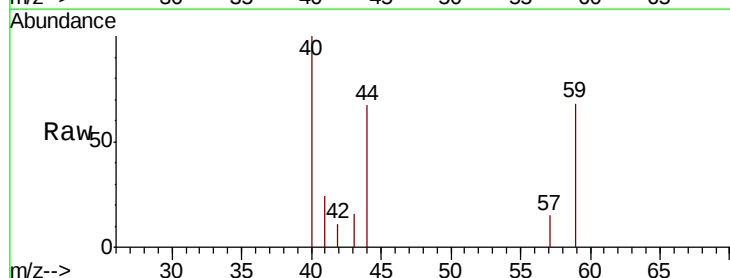
Acq: 11 Jul 2019 03:38

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

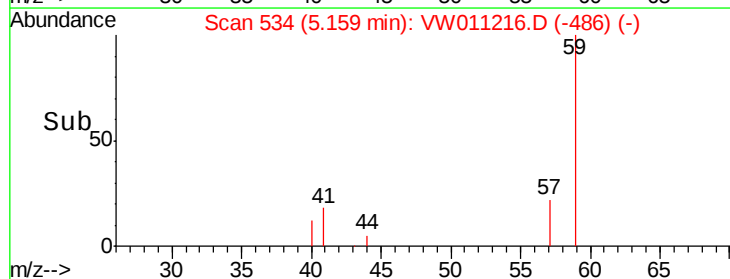
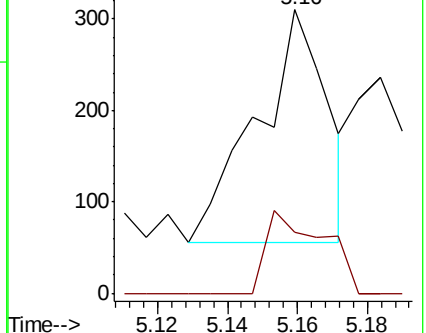
59 100

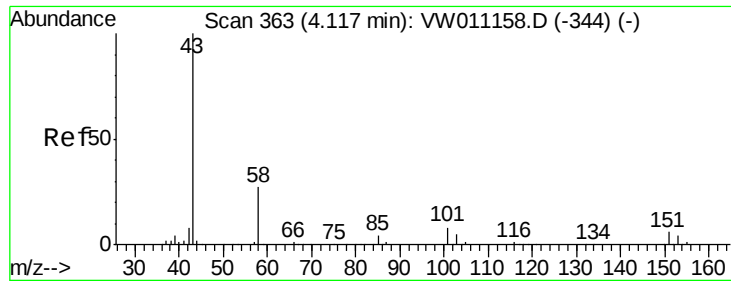
57 29.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

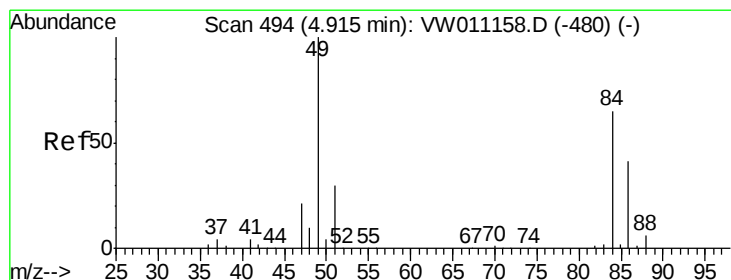
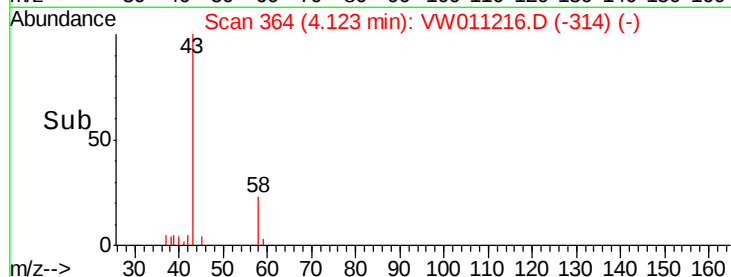
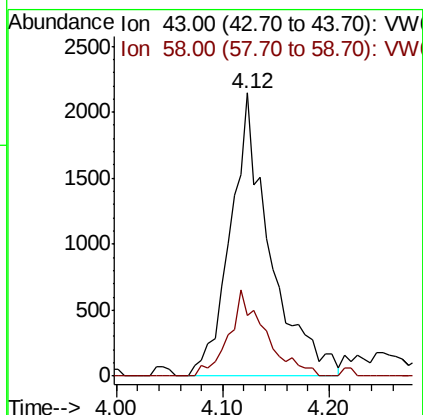
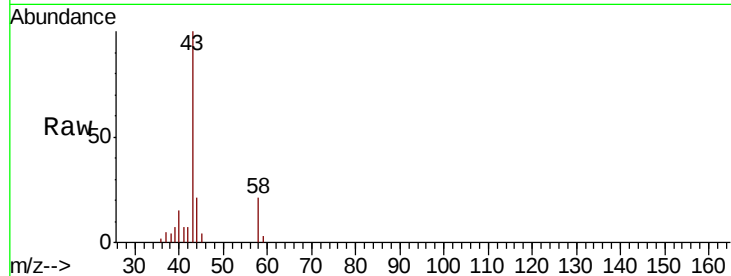




#16
Acetone
Concen: 9.983 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

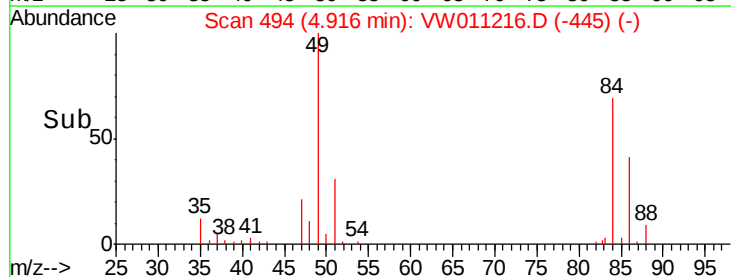
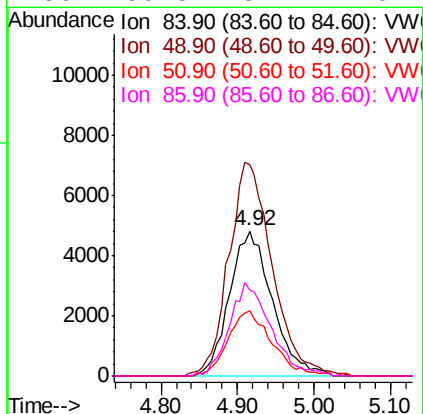
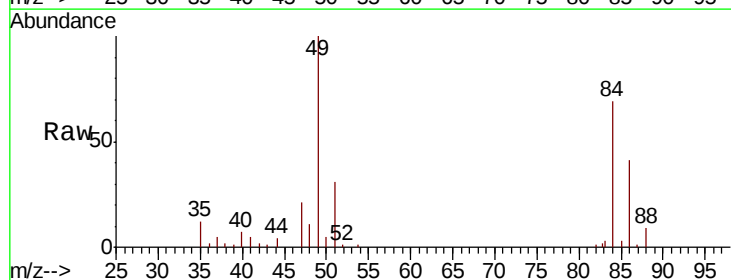
Instrument :
MSVOA_W
ClientSampleId :
OK-03-071019-B

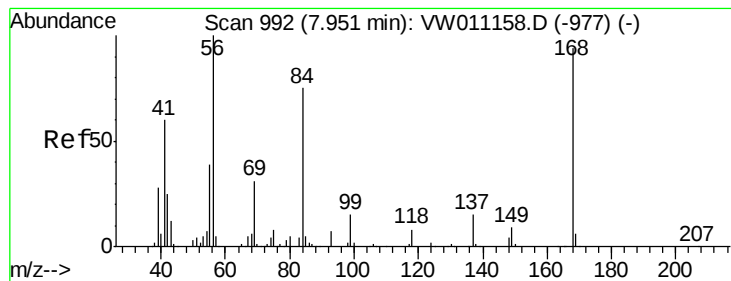
Tot Ion: 43 Resp: 5569
Ion Ratio Lower Upper
43 100
58 21.3 21.8 32.6#



#20
Methylene Chloride
Concen: 8.499 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Tgt Ion: 84 Resp: 18705
Ion Ratio Lower Upper
84 100
49 143.6 123.8 185.6
51 44.8 37.4 56.2
86 59.5 51.1 76.7





#31

Cvclohexane

Concen: 1.076 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011216.D

Acq: 11 Jul 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

OK-03-071019-B

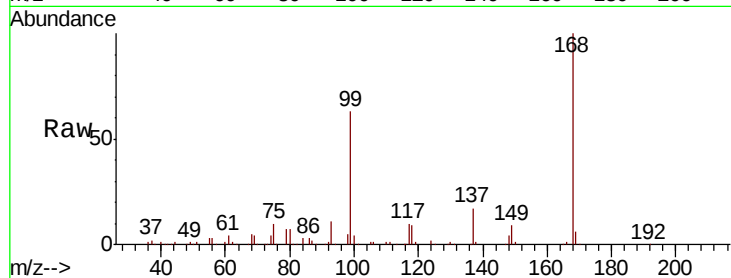
Tot Ion: 56 Resp: 4834

Ion Ratio Lower Upper

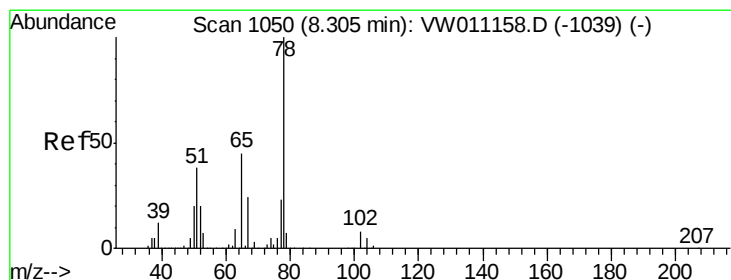
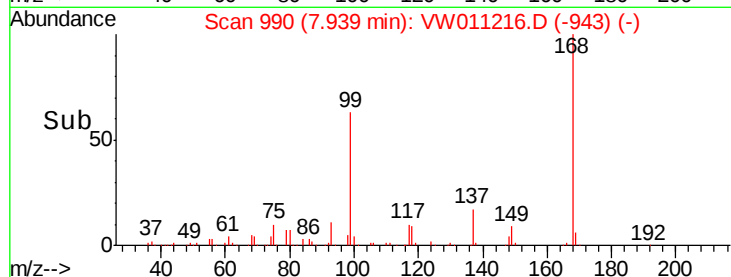
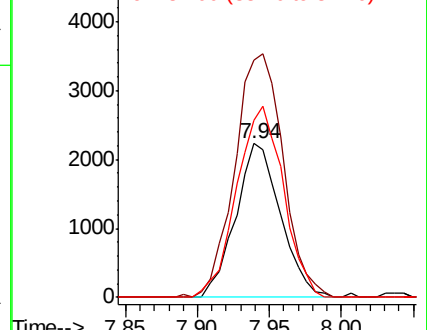
56 100

69 154.9 24.6 36.8#

84 115.7 60.1 90.1#



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: 55.172 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011216.D

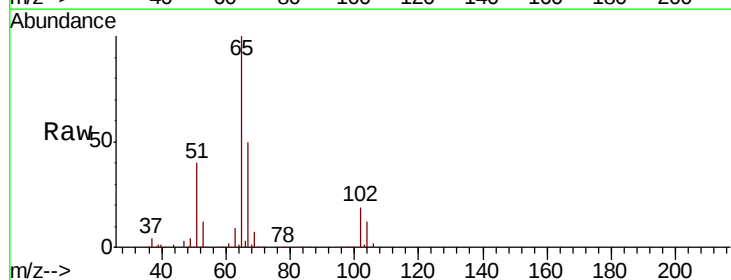
Acq: 11 Jul 2019 03:38

Tgt Ion: 65 Resp: 127918

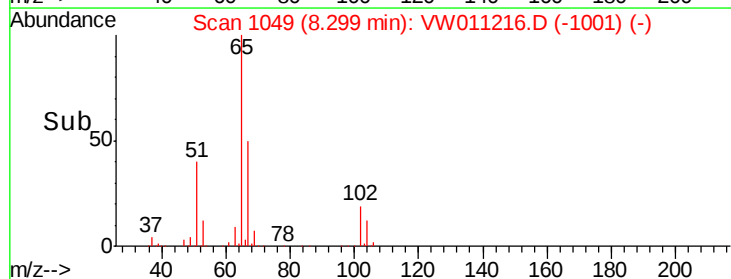
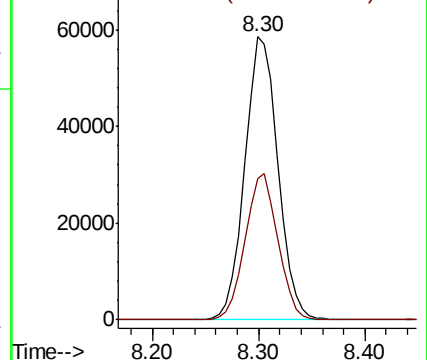
Ion Ratio Lower Upper

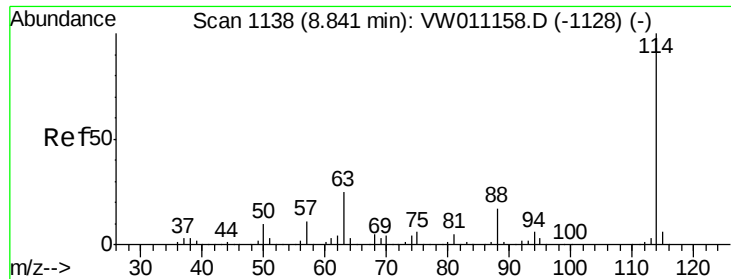
65 100

67 51.2 0.0 104.4



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

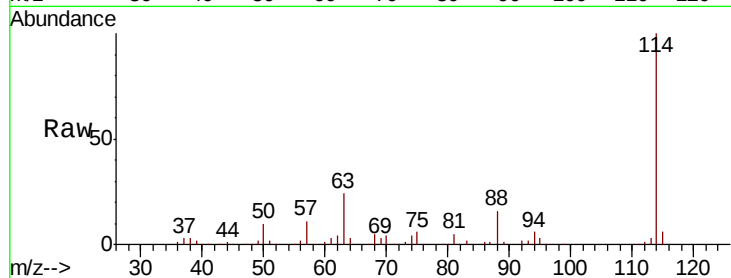




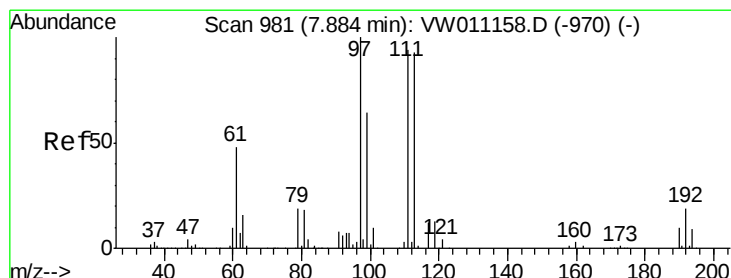
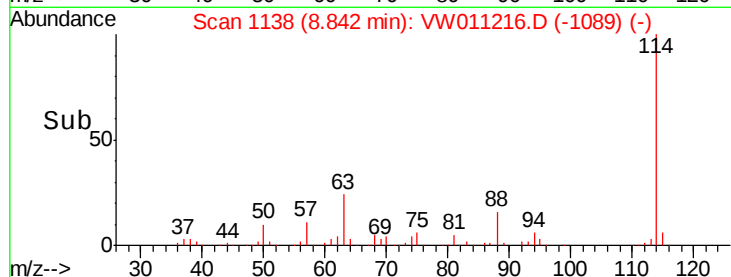
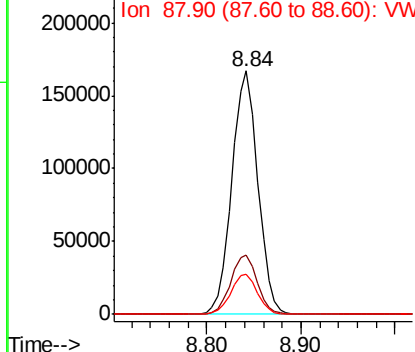
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Instrument :
MSVOA_W
ClientSampleId :
OK-03-071019-B

Tot Ion:114 Resp: 321240
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.8
88 16.2 0.0 34.2

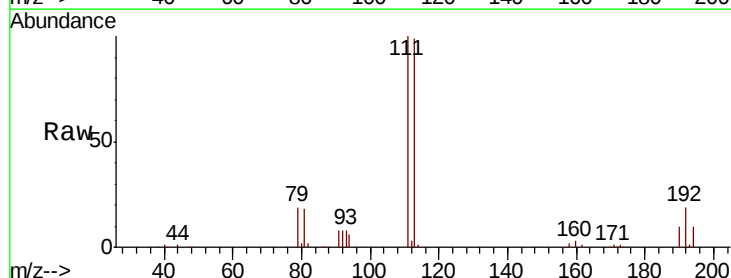


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

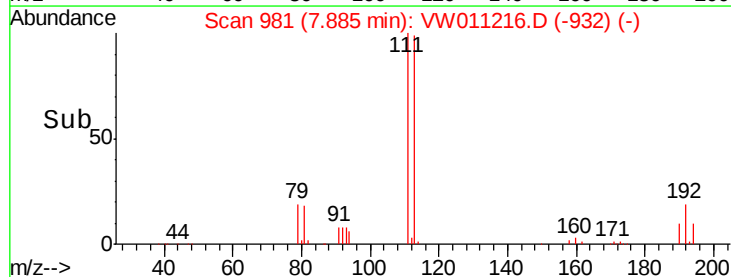
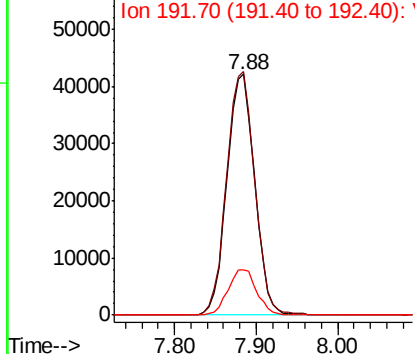


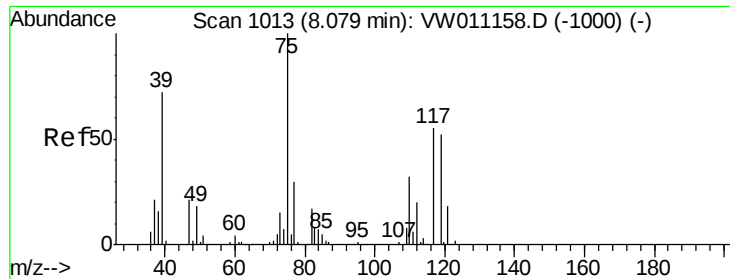
#35
Dibromofluoromethane
Concen: 51.635 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Tgt Ion:113 Resp: 98867
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 15.8 23.8



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

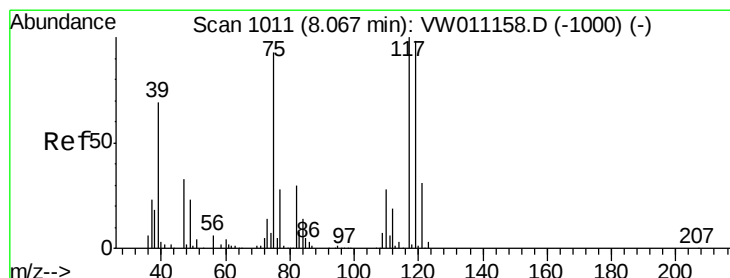
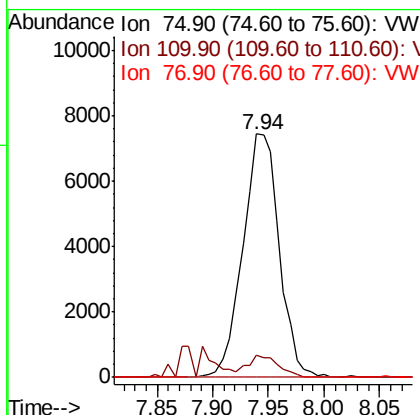
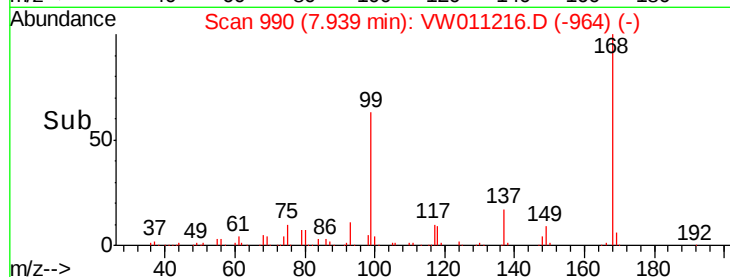
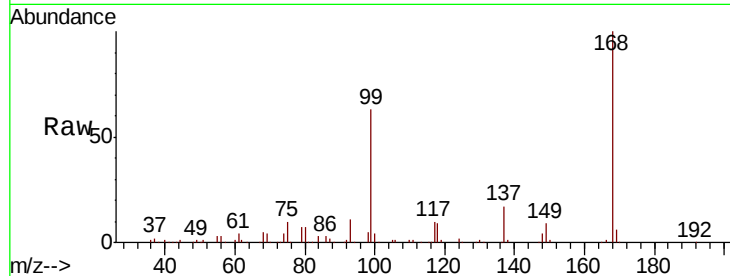




#36
 1,1-Dichloropropene
 Concen: 4.943 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011216.D
 Acq: 11 Jul 2019 03:38

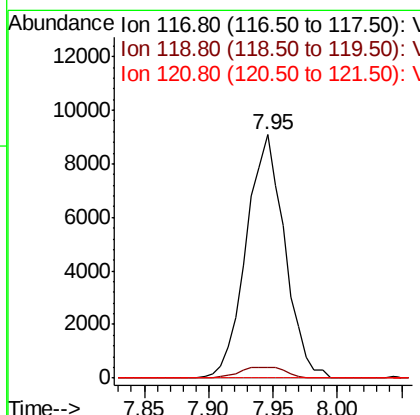
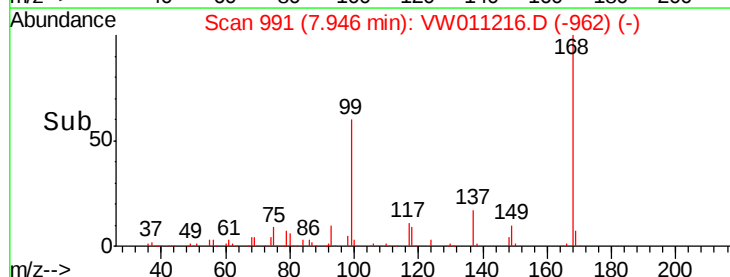
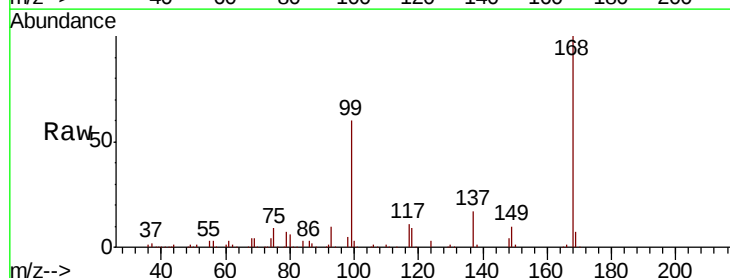
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 MSVOA_W
 ClientSampleId :
 OK-03-071019-B

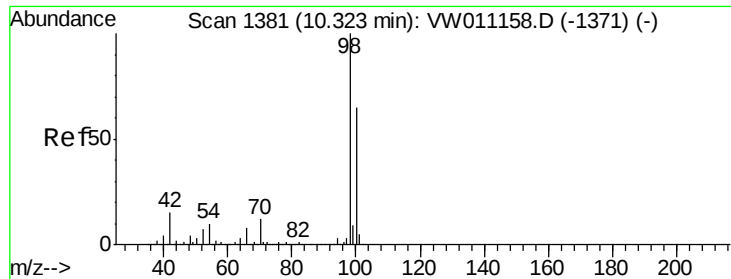
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.468 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011216.D
 Acq: 11 Jul 2019 03:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.1	117.1#
121	0.0	25.1	37.7#

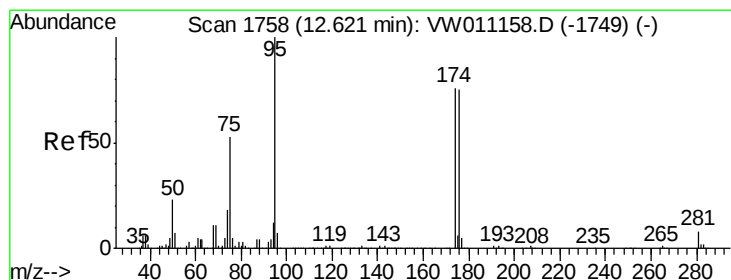
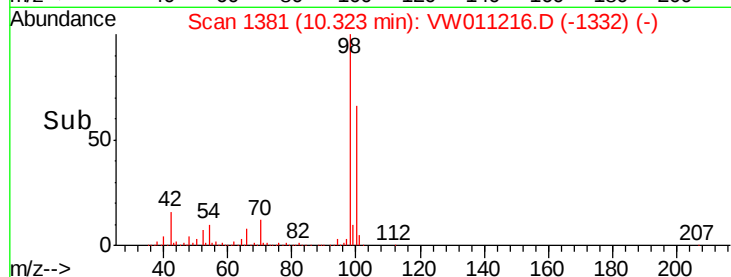
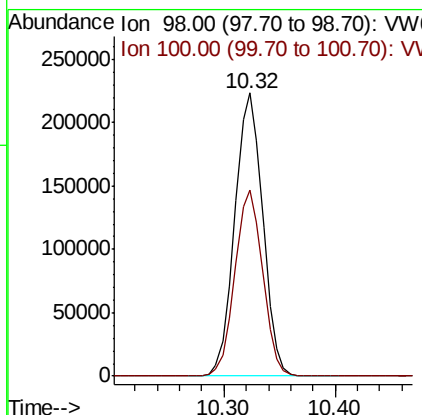
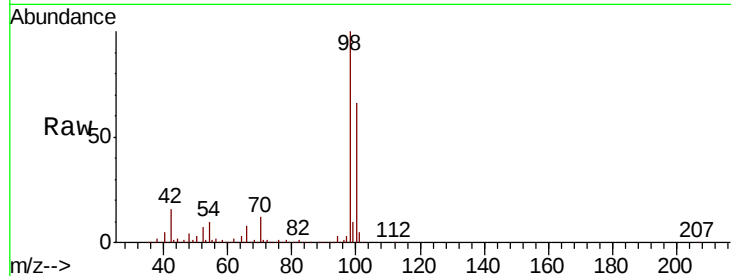




#50
Toluene-d8
Concen: 50.272 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

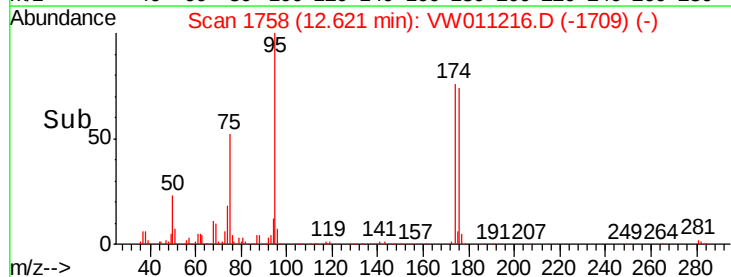
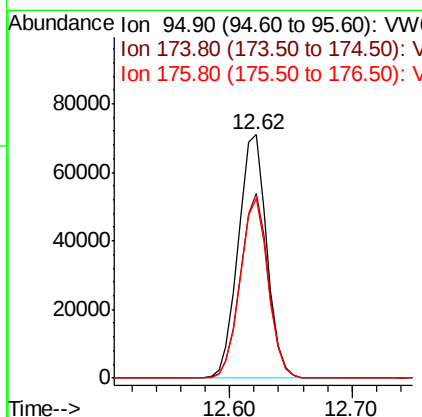
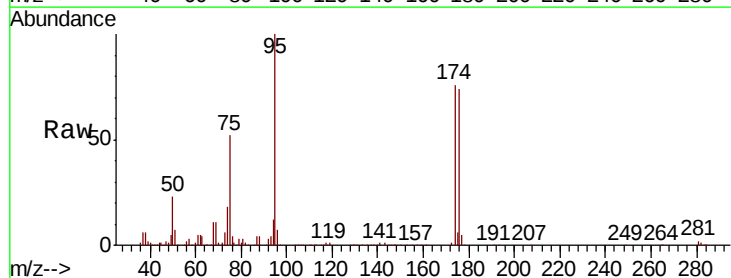
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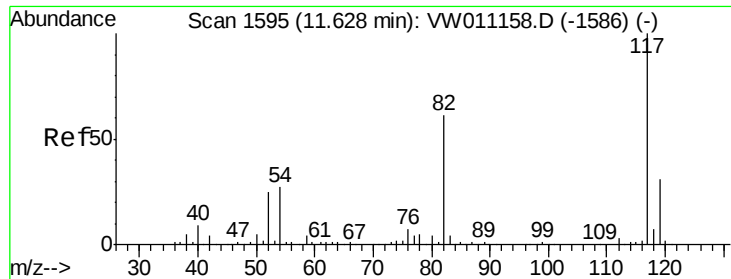
Tot Ion: 98 Resp: 389088
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.393 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Tgt Ion: 95 Resp: 114590
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.6
176 72.1 0.0 144.6

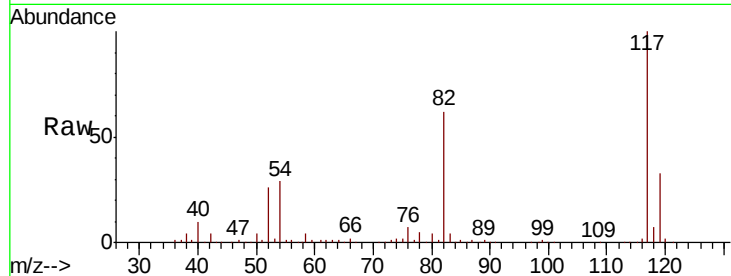




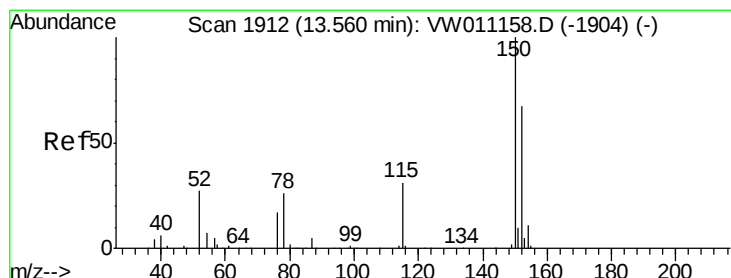
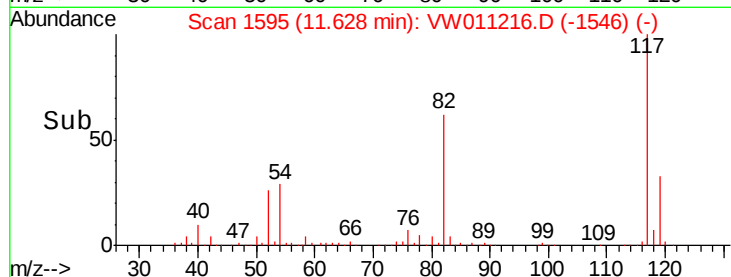
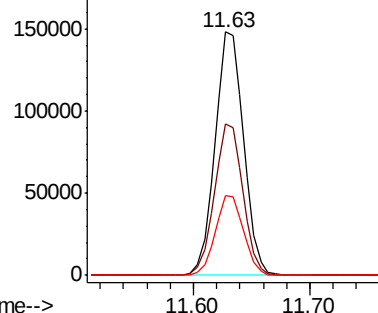
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Instrument :
MSVOA_W
ClientSampleId :
OK-03-071019-B

Tot Ion:117 Resp: 253676
Ion Ratio Lower Upper
117 100
82 62.3 48.9 73.3
119 32.8 25.0 37.6

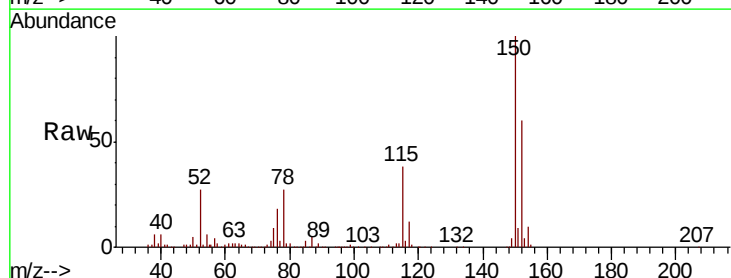


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

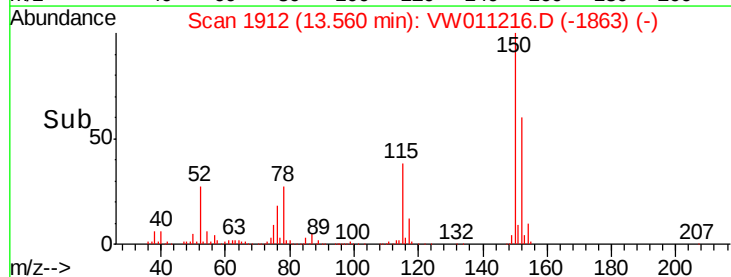
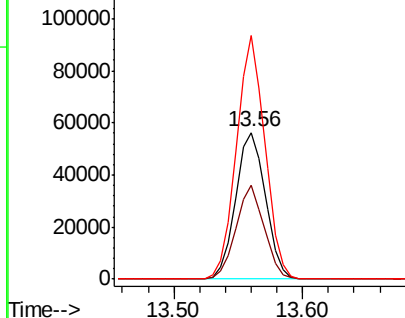


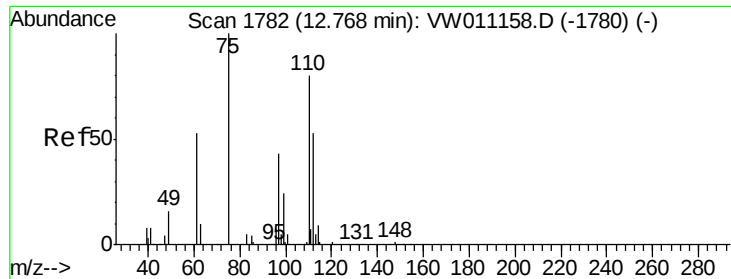
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Tgt Ion:152 Resp: 90328
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 158.7 0.0 346.0



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: 59.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011216.D

Acq: 11 Jul 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

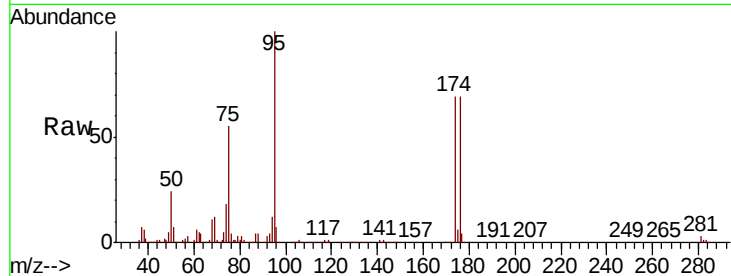
OK-03-071019-B

Tot Ion: 75 Resp: 61769

Ion Ratio Lower Upper

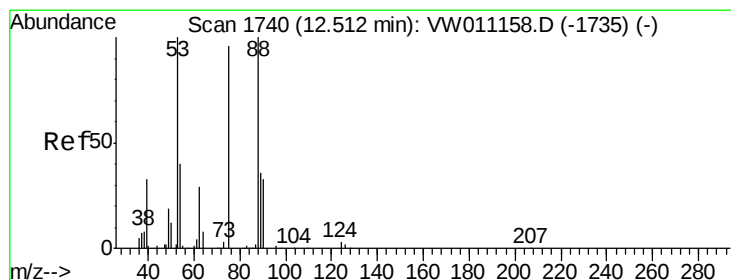
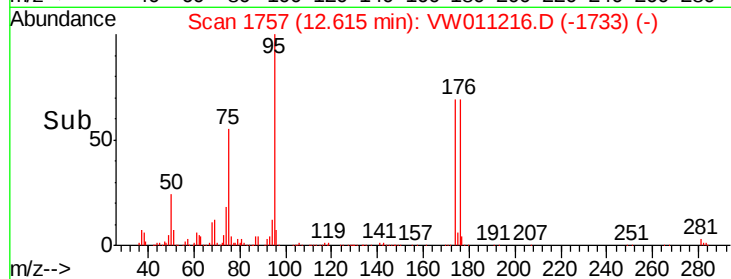
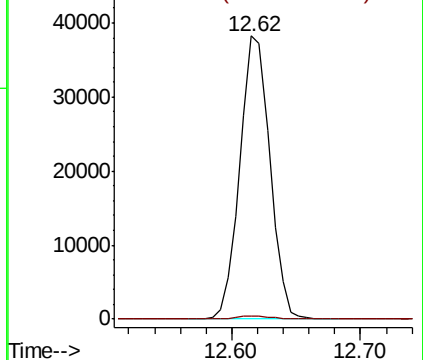
75 100

77 1.4 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: 133.840 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011216.D

Acq: 11 Jul 2019 03:38

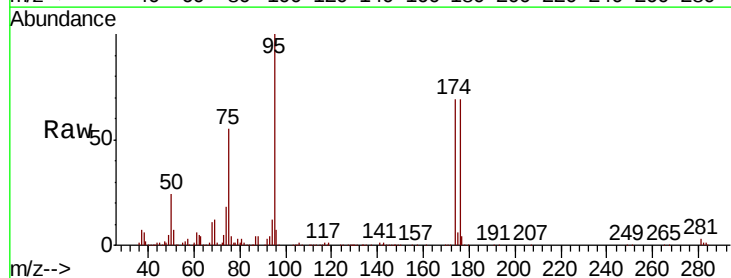
Tgt Ion: 75 Resp: 61769

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.0 34.3 51.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

