

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007261.D
 Acq On : 06 Dec 2018 06:13
 Operator : SY/AP
 Sample : J6194-03
 Misc : 7.32G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-B

Quant Time: Dec 06 07:32:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63298	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	47490	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	7.88	113	44923	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	
50) Toluene-d8	10.33	98	88828	19.28	ug/l	0.00
Spiked Amount			Recovery	=	38.56%	
62) 4-Bromofluorobenzene	12.62	95	55865	32.12	ug/l	0.00
Spiked Amount			Recovery	=	64.24%	

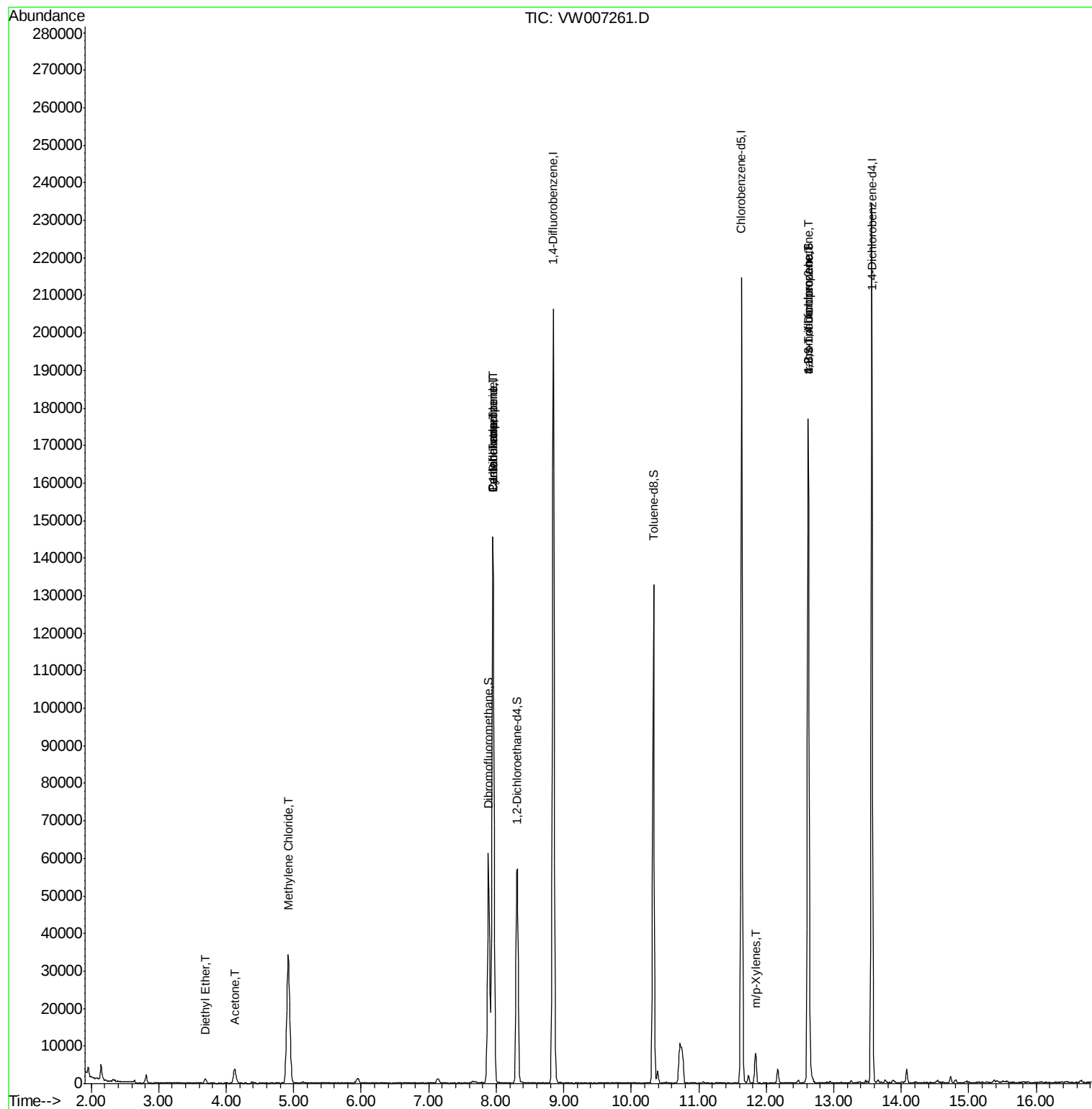
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	686	1.327	ug/l	95
11) Tert butyl alcohol	5.15	59	378	Below Cal	#	75
16) Acetone	4.12	43	6927	28.656	ug/l	93
20) Methylene Chloride	4.92	84	27856	19.725	ug/l	95
31) Cyclohexane	7.95	56	2032	1.003	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	8396	4.723	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11325	6.242	ug/l #	17
68) m/p-Xylenes	11.84	106	2640	1.388	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	27643	56.400	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27643	121.563	ug/l #	14

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007261.D

Acq: 06 Dec 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

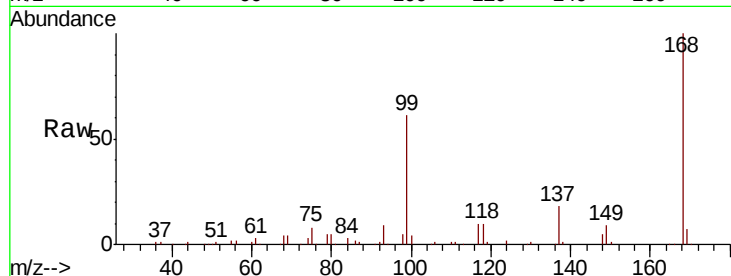
OK-02-120418-B

Tot Ion:168 Resp: 109673

Ion Ratio Lower Upper

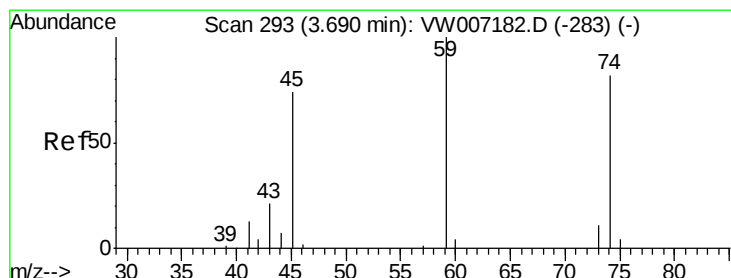
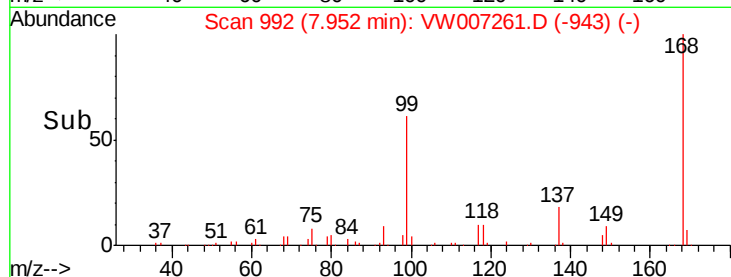
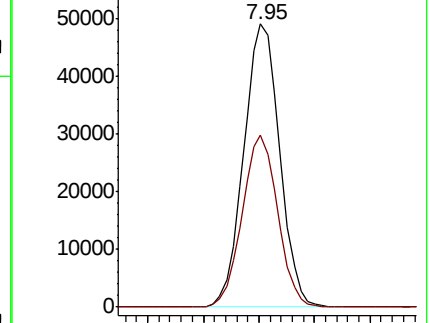
168 100

99 60.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.327 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007261.D

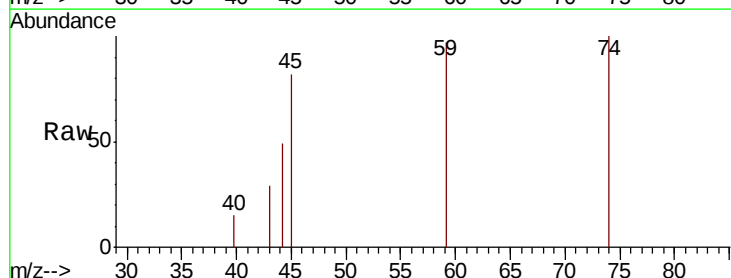
Acq: 06 Dec 2018 06:13

Tgt Ion: 74 Resp: 686

Ion Ratio Lower Upper

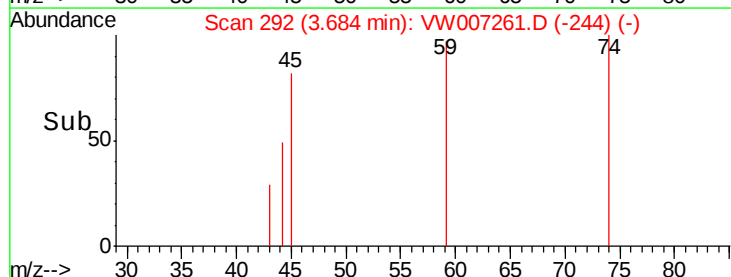
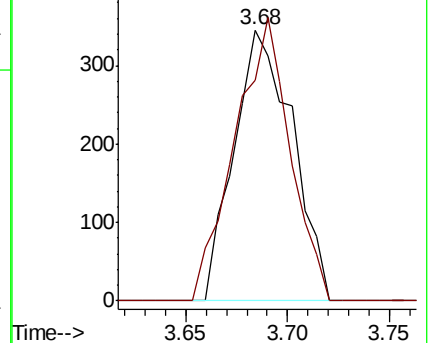
74 100

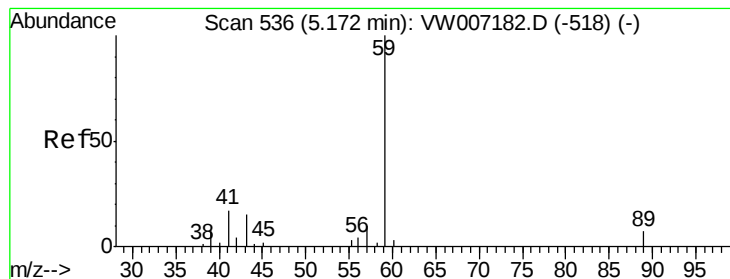
45 99.1 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



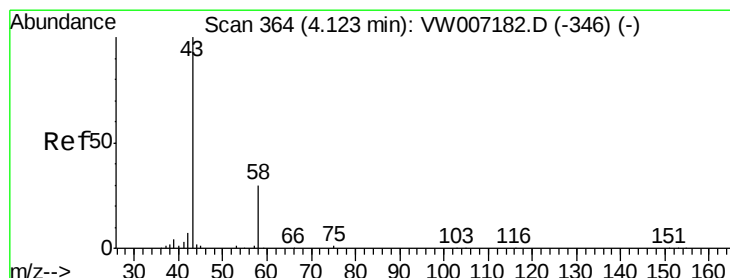
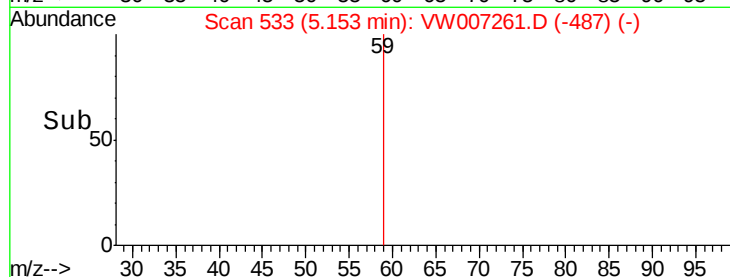
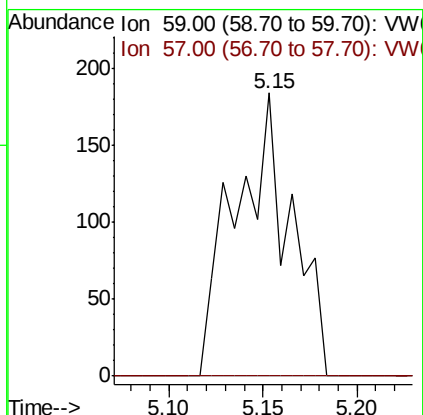
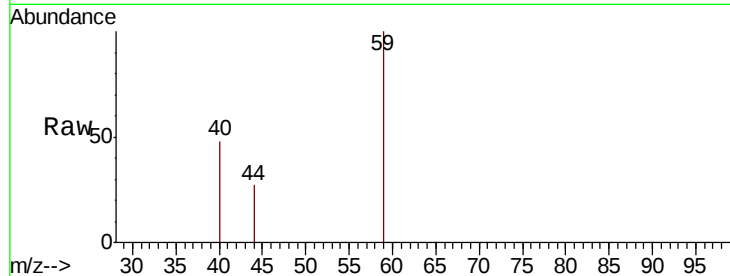


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-B

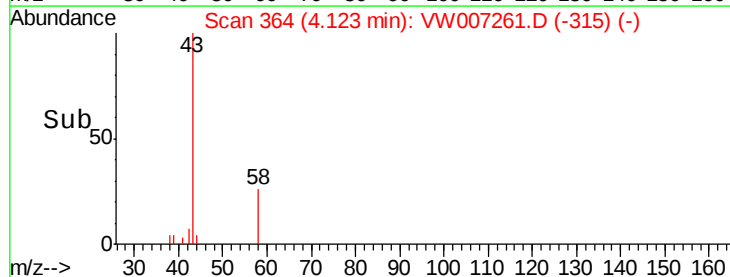
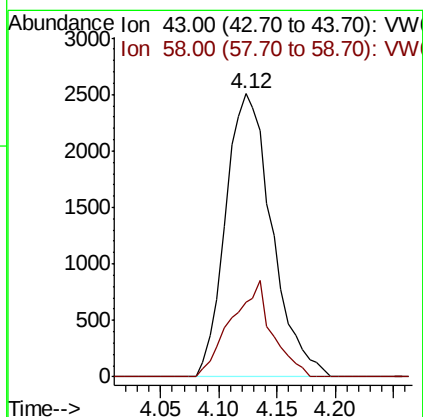
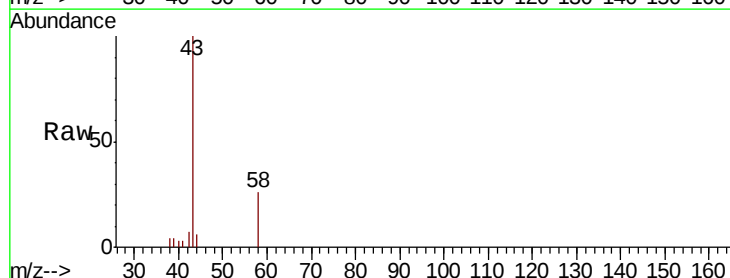
Tot Ion: 59 Resp: 378
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

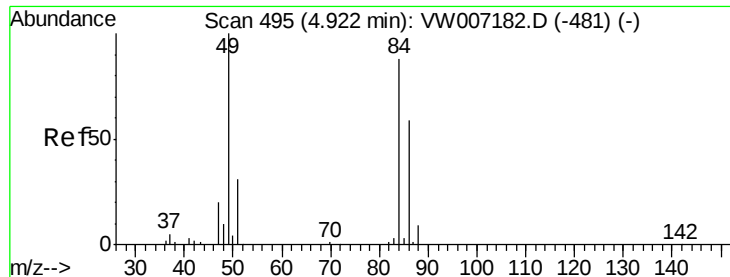


#16

Acetone
 Concen: 28.656 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

Tgt Ion: 43 Resp: 6927
 Ion Ratio Lower Upper
 43 100
 58 26.2 23.8 35.8

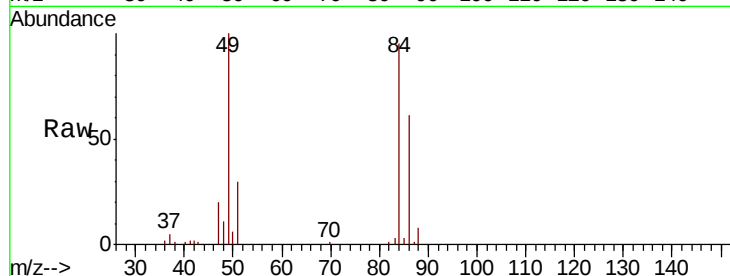




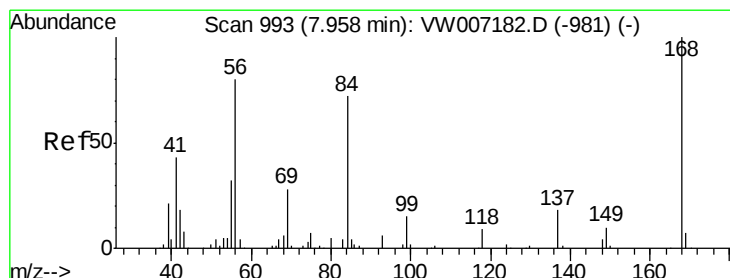
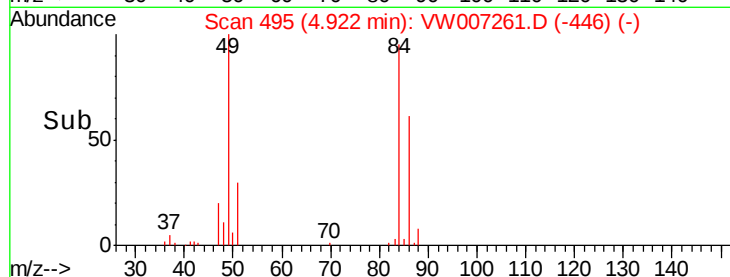
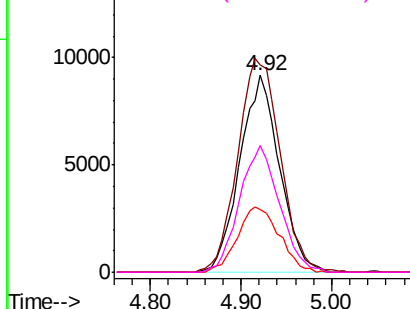
#20
Methylene Chloride
Concen: 19.725 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-B

Tot Ion: 84 Resp: 27856
Ion Ratio Lower Upper
84 100
49 105.7 90.6 135.8
51 32.0 27.6 41.4
86 64.3 53.7 80.5

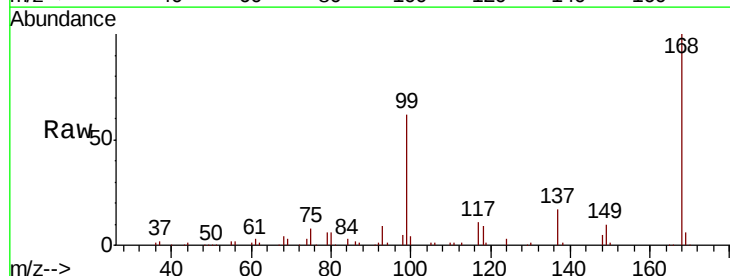


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

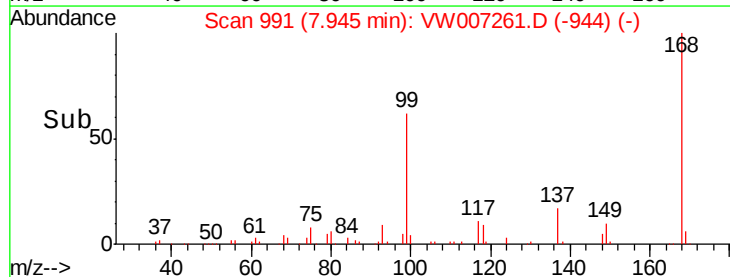
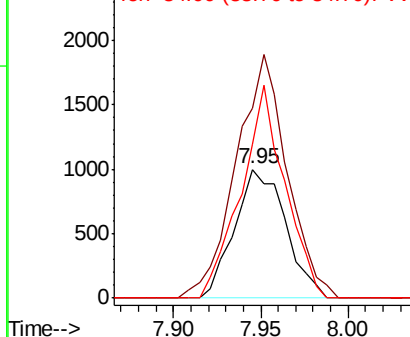


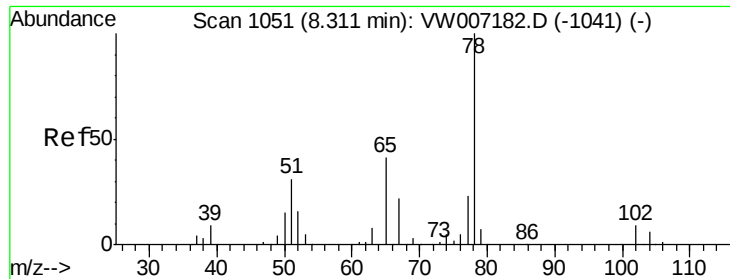
#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Tgt Ion: 56 Resp: 2032
Ion Ratio Lower Upper
56 100
69 147.4 28.2 42.2#
84 119.3 72.1 108.1#



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

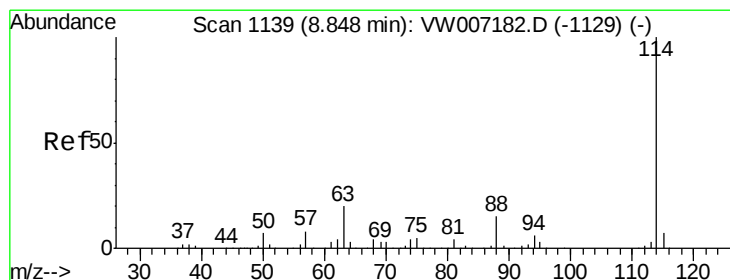
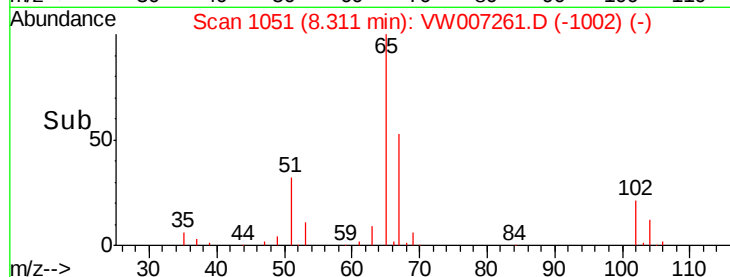
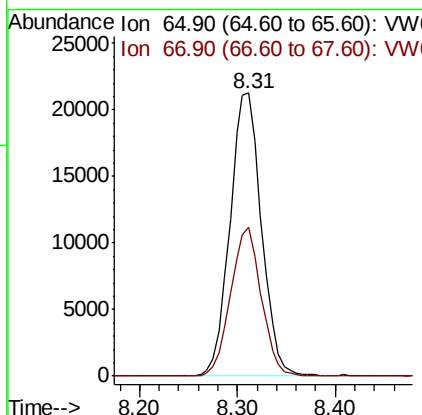
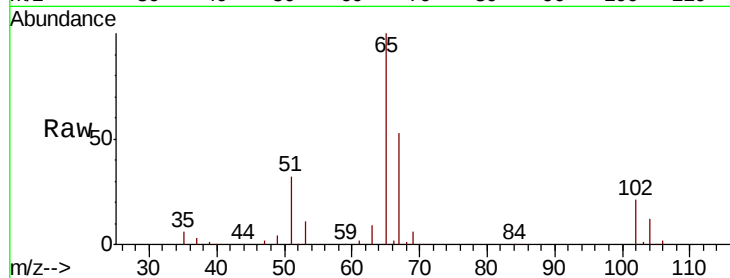




#33
 1,2-Dichloroethane-d4
 Concen: 46.509 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

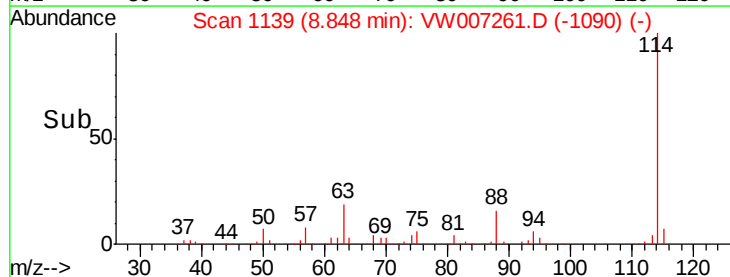
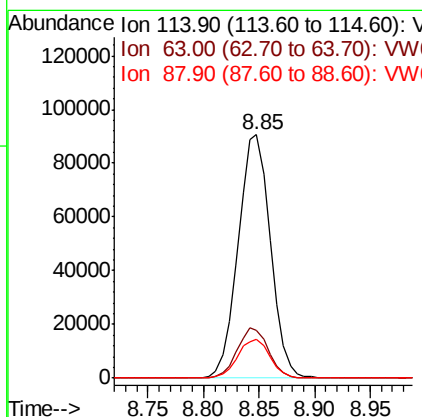
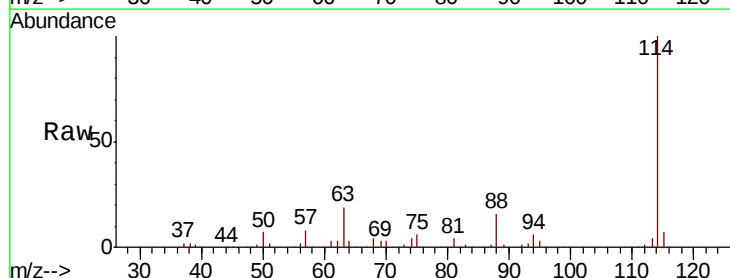
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-B

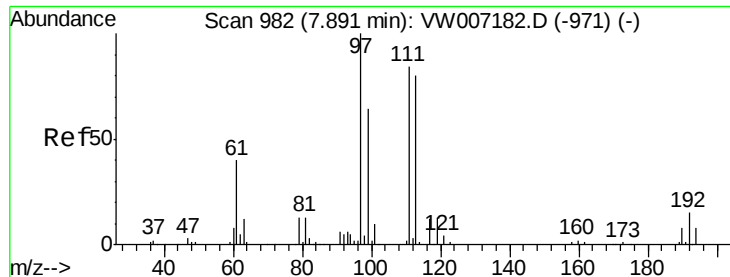
Tot Ion: 65 Resp: 47490
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

Tgt Ion: 114 Resp: 182695
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.9 0.0 30.0

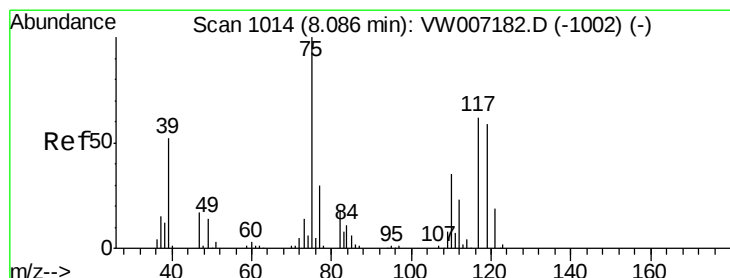
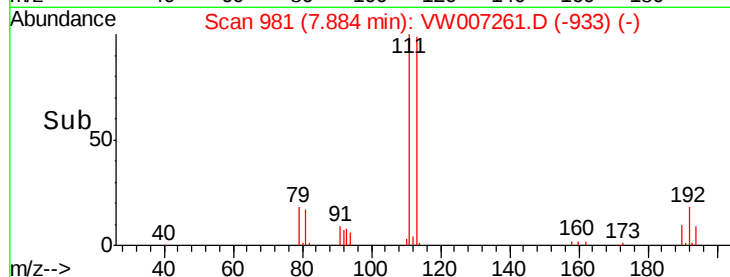
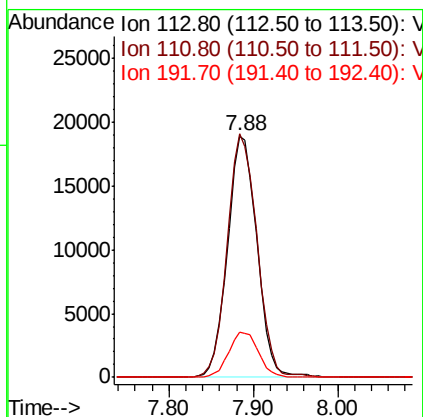
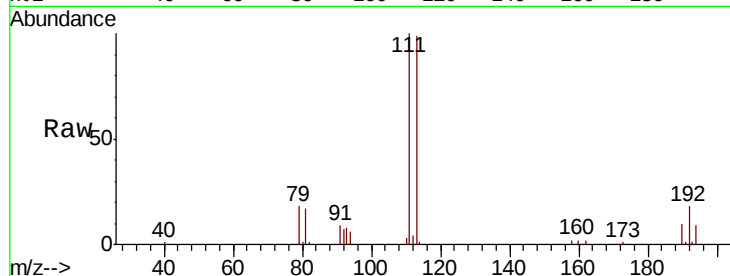




#35
 Dibromofluoromethane
 Concen: 42.943 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

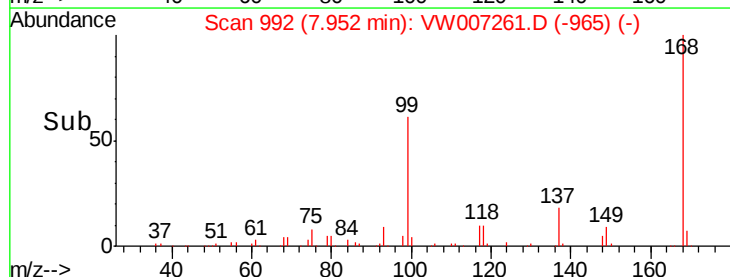
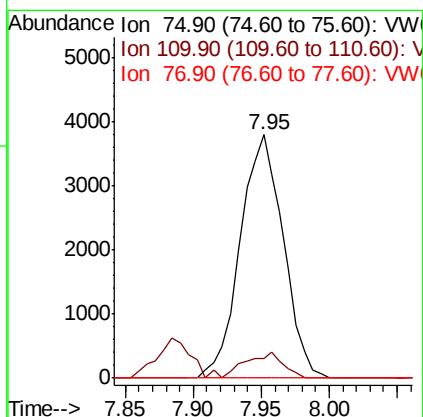
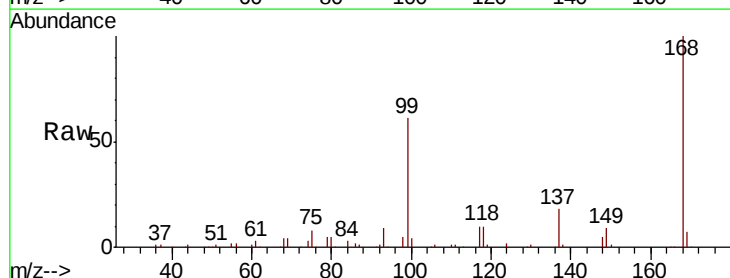
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-B

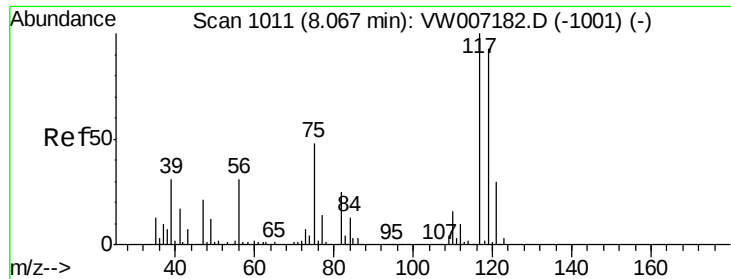
Tot Ion:113 Resp: 44923
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 18.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007261.D
 Acq: 06 Dec 2018 06:13

Tgt Ion: 75 Resp: 8396
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.9#
 77 0.0 24.9 37.3#

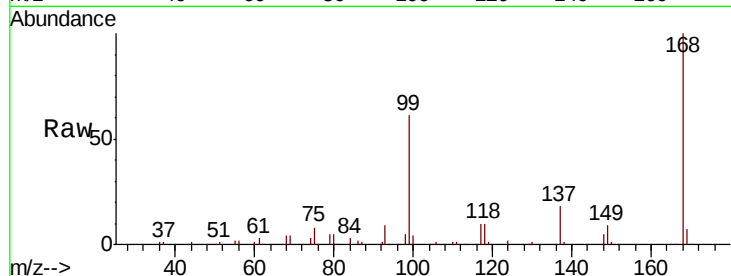




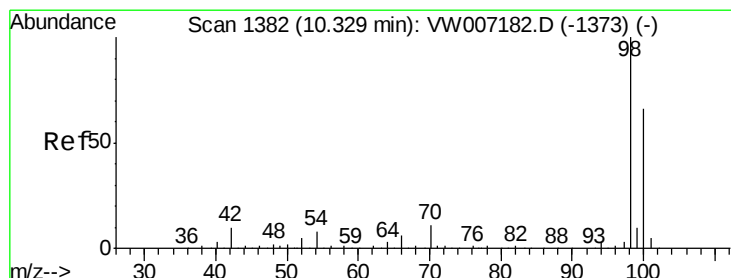
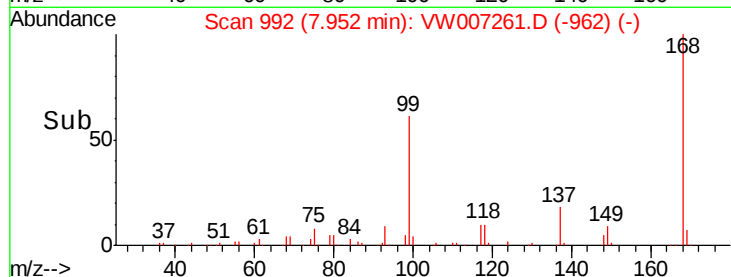
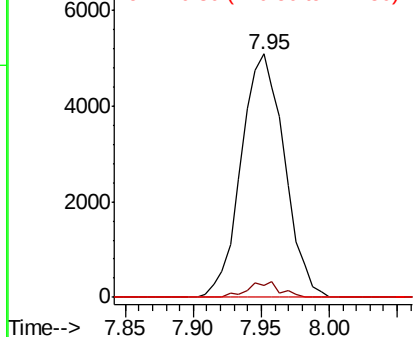
#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-B

Tot Ion:117 Resp: 11325
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 23.9 35.9#

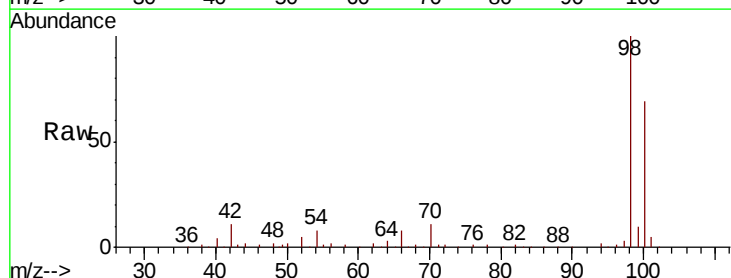


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

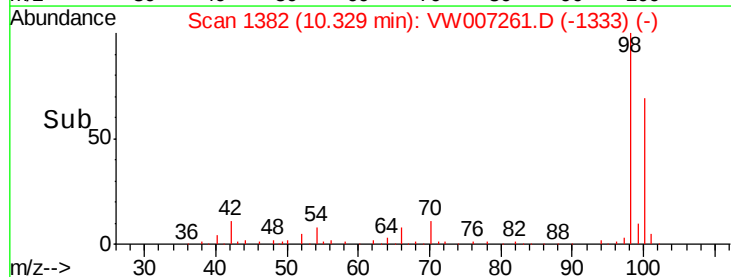
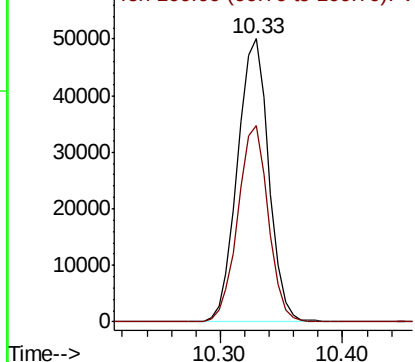


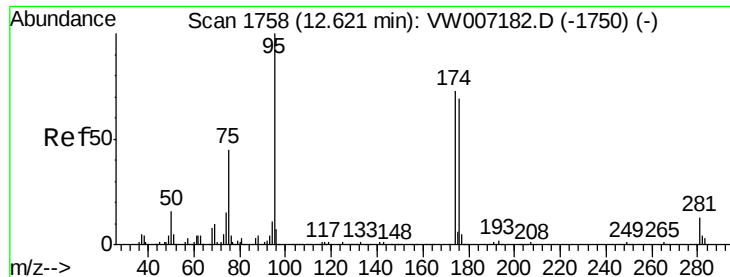
#50
Toluene-d8
Concen: 19.277 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Tgt Ion: 98 Resp: 88828
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

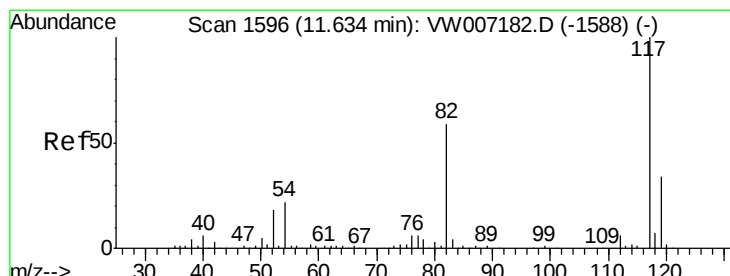
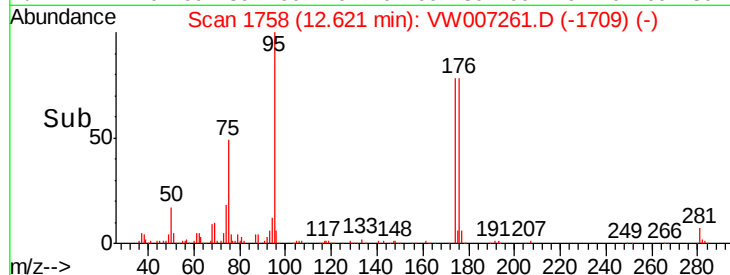
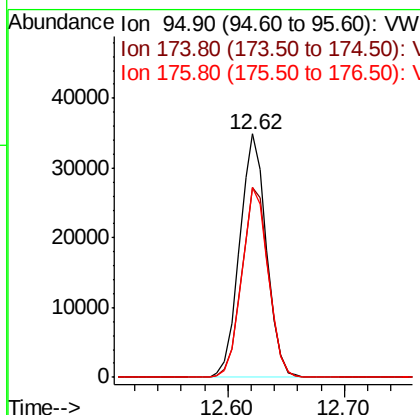
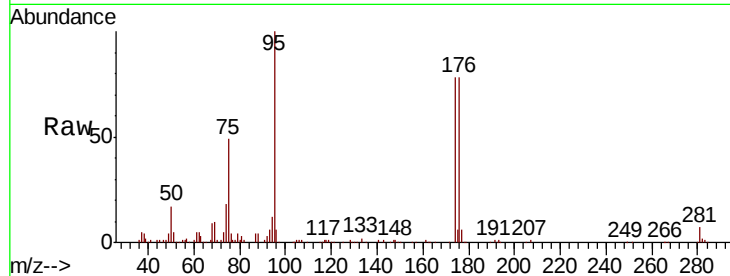




#62
4-Bromofluorobenzene
Concen: 32.119 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

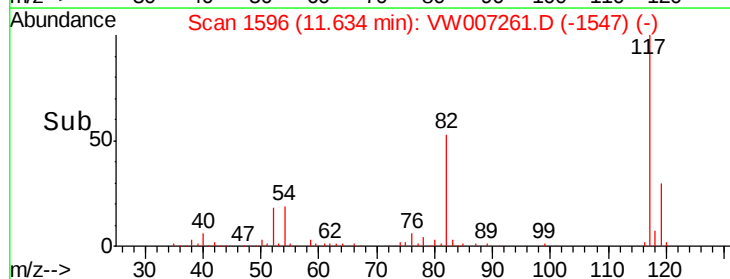
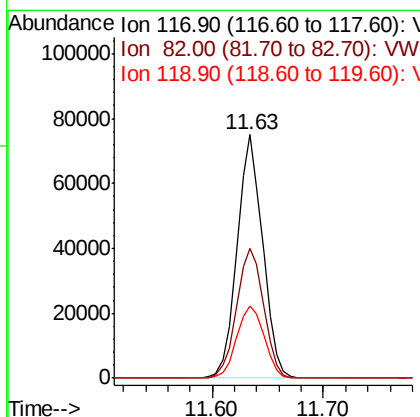
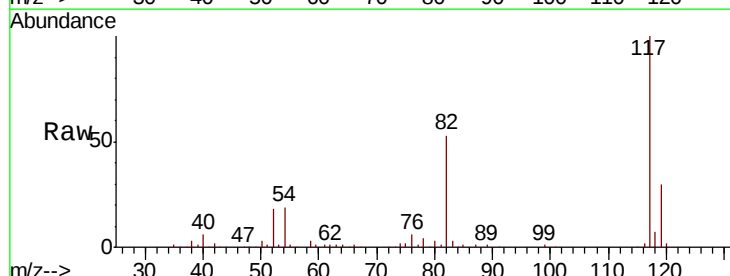
Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-B

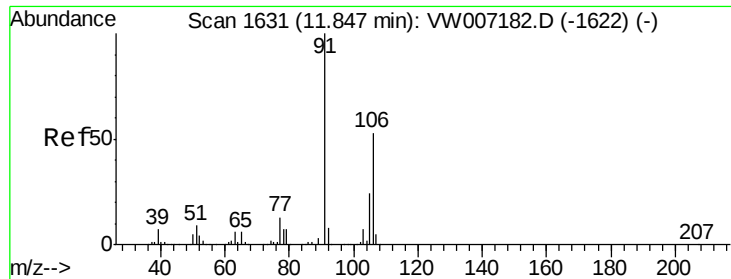
Tot Ion	95	Resp	55865
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	148.0
176	76.9	0.0	139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Tgt Ion	117	Resp	119104
Ion Ratio	Lower	Upper	
117	100		
82	53.2	47.4	71.2
119	29.6	26.8	40.2

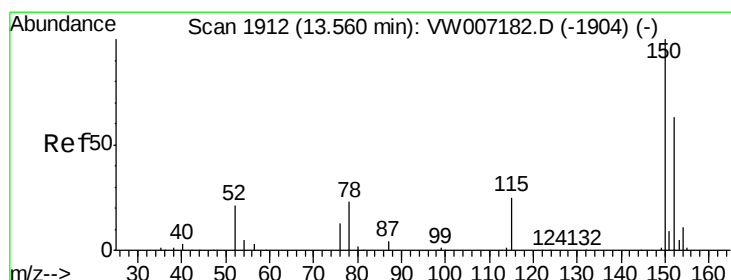
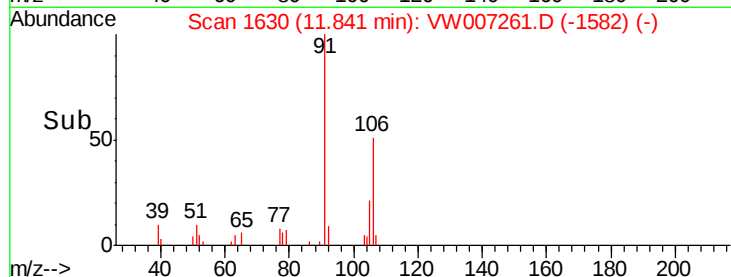
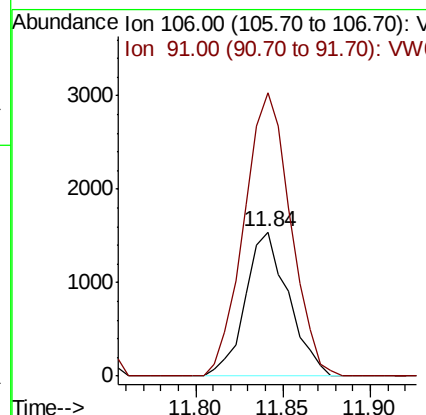
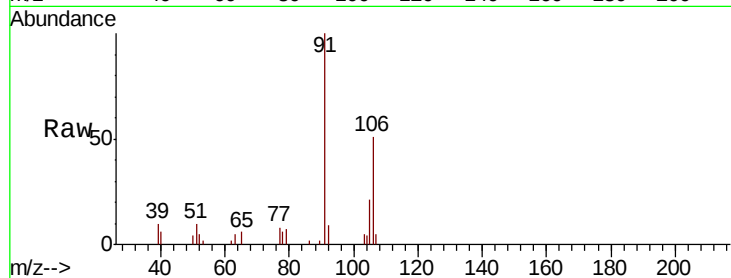




#68
m/p-Xvlenes
Concen: 1.388 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

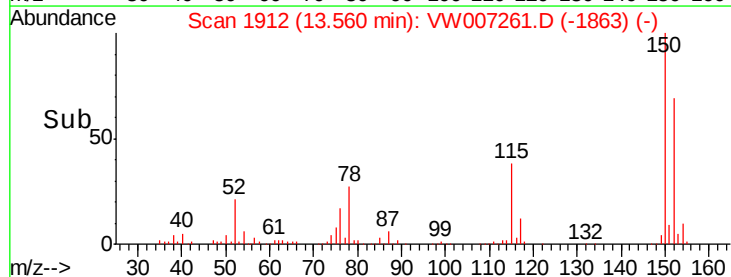
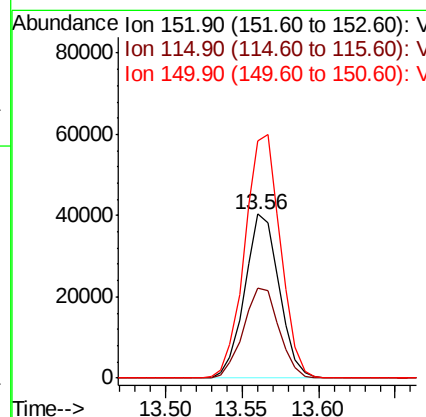
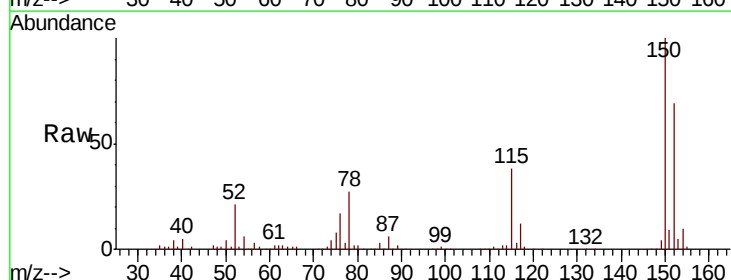
Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-B

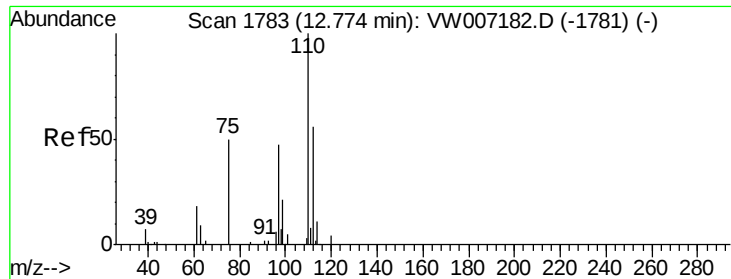
Tot Ion:106 Resp: 2640
Ion Ratio Lower Upper
106 100
91 212.2 160.2 240.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007261.D
Acq: 06 Dec 2018 06:13

Tgt Ion:152 Resp: 63298
Ion Ratio Lower Upper
152 100
115 56.7 31.3 93.8
150 153.3 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 56.400 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007261.D

Acq: 06 Dec 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

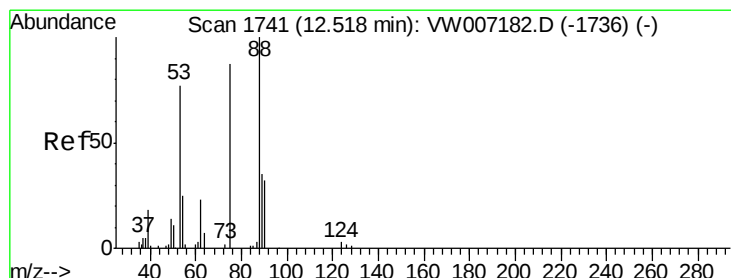
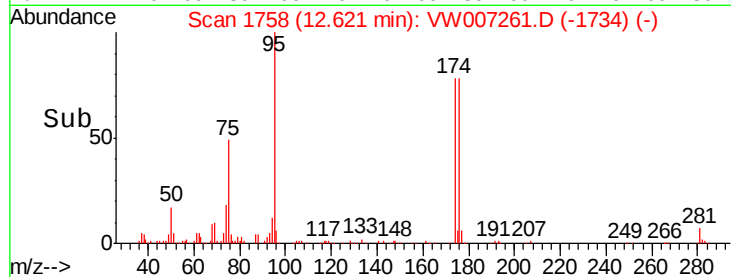
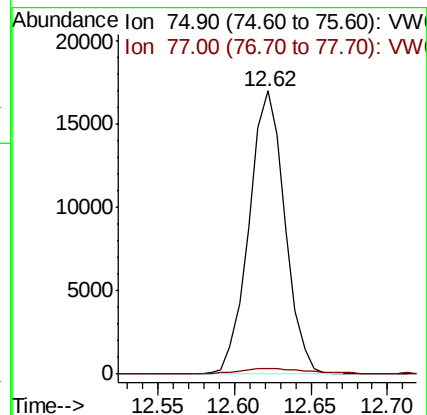
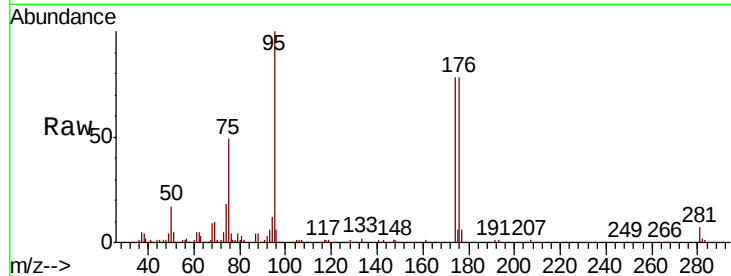
OK-02-120418-B

Tot Ion: 75 Resp: 27643

Ion Ratio Lower Upper

75 100

77 4.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.563 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007261.D

Acq: 06 Dec 2018 06:13

Tgt Ion: 75 Resp: 27643

Ion Ratio Lower Upper

75 100

53 1.0 72.8 109.2#

89 0.0 36.4 54.6#

