

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013257.D
 Acq On : 24 Sep 2019 04:38
 Operator : SY/VA
 Sample : K4968-02
 Misc : 5.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-010-ABCD

Quant Time: Sep 24 06:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

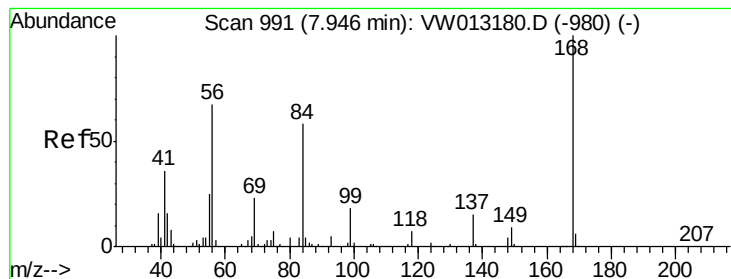
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	372570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	203248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	161561	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	153673	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	637869	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	196720	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	379	Below Cal	#	73
16) Acetone	4.14	43	3776	5.507	ug/l	97
20) Methylene Chloride	4.90	84	7282	Below Cal	#	85
26) 2,2-Dichloropropane	7.15	77	1228	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	23947	4.418	ug/l #	49
38) Carbon Tetrachloride	7.94	117	31205	6.422	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2667	1.205	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	93215	51.932	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	93215	116.531	ug/l #	12

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

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Misc : 5.57G/5ML/MSV0A_W/SOIL
ALS Vial : 43 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013257.D

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MSVOA_W

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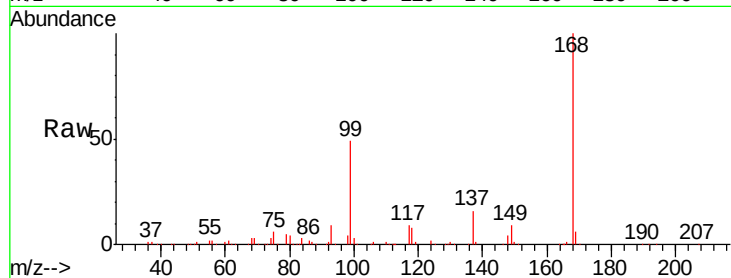
FK-BPM-03-010-ABCD

Tgt Ion:168 Resp: 372570

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

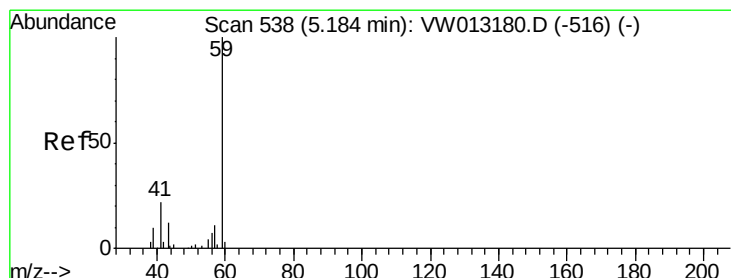
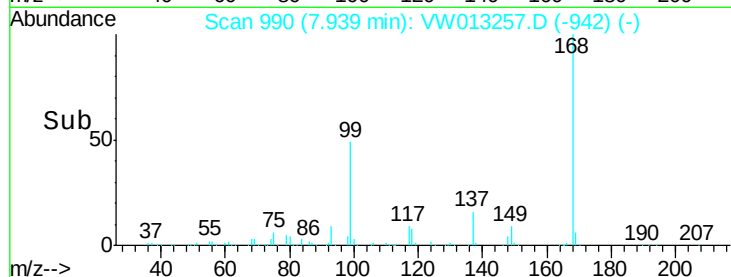
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. 0.05 min

Lab File: VW013257.D

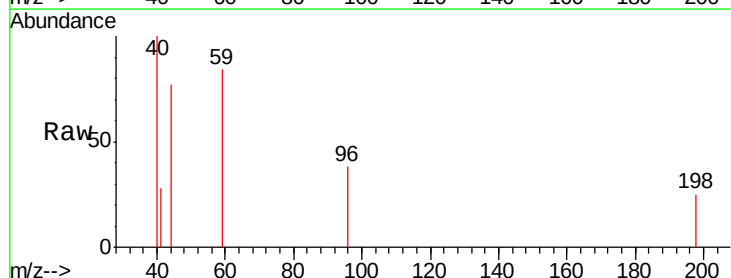
Acq: 24 Sep 2019 04:38

Tgt Ion: 59 Resp: 379

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

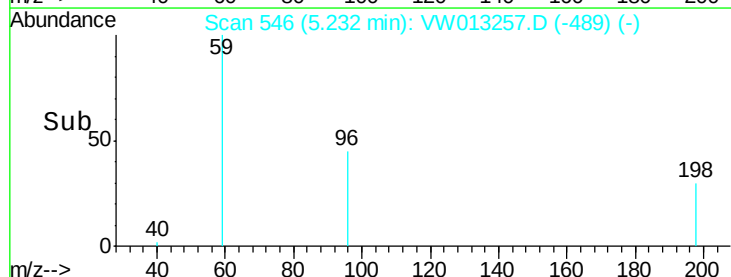
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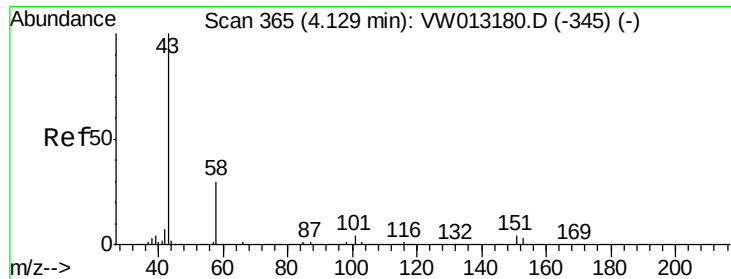
200

100

0

Time-->





#16

Acetone

Concen: 5.507 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

Instrument :

MSVOA_W

ClientSampleId :

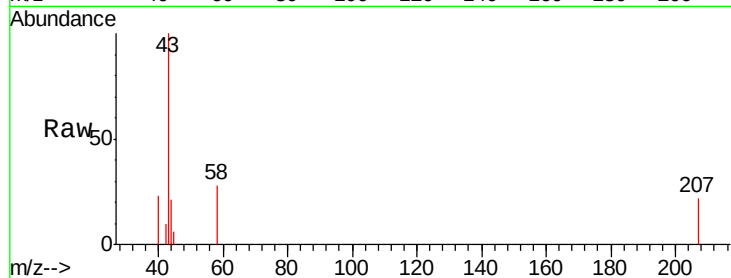
FK-BPM-03-010-ABCD

Tgt Ion: 43 Resp: 3776

Ion Ratio Lower Upper

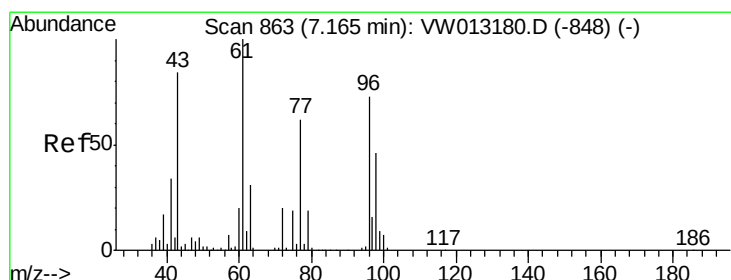
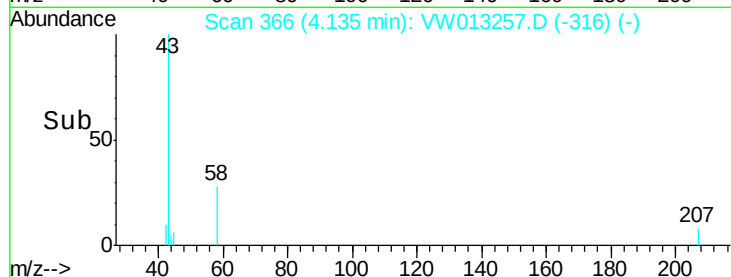
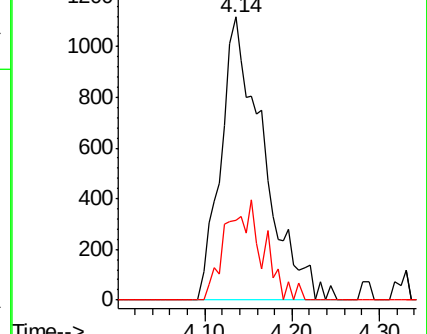
43 100

58 28.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013257.D

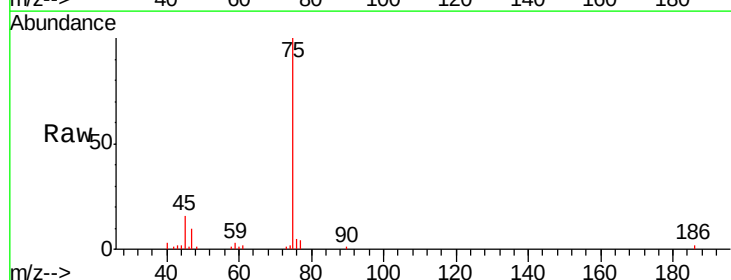
Acq: 24 Sep 2019 04:38

Tgt Ion: 77 Resp: 1228

Ion Ratio Lower Upper

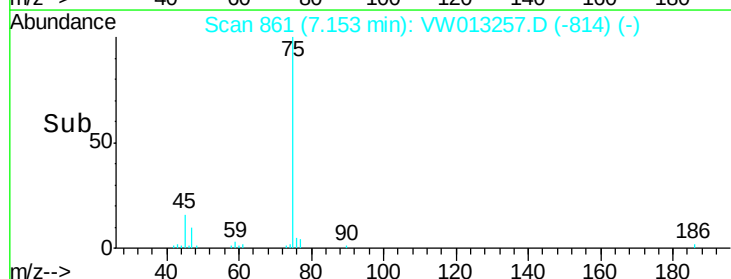
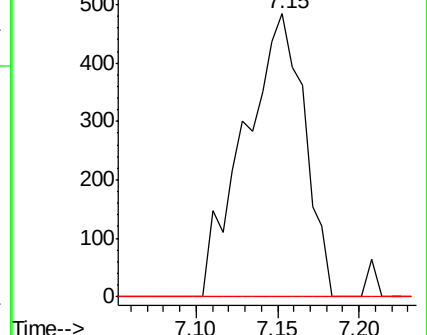
77 100

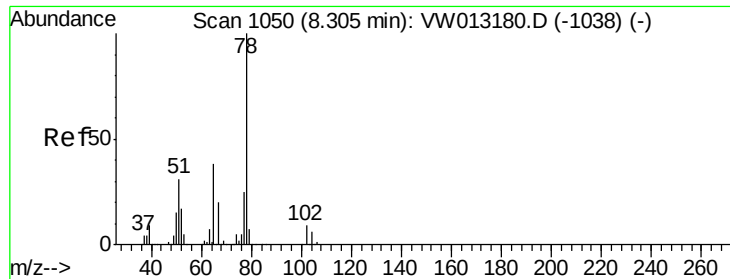
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

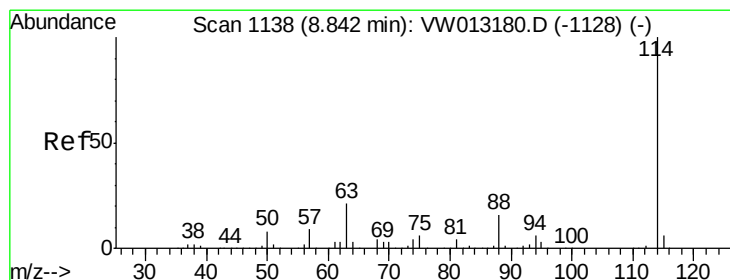
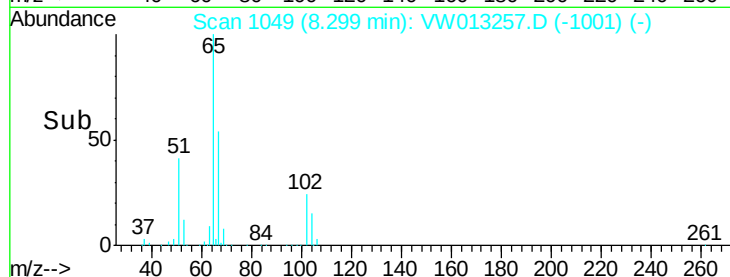
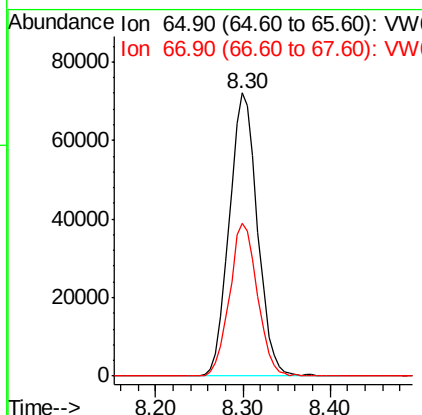
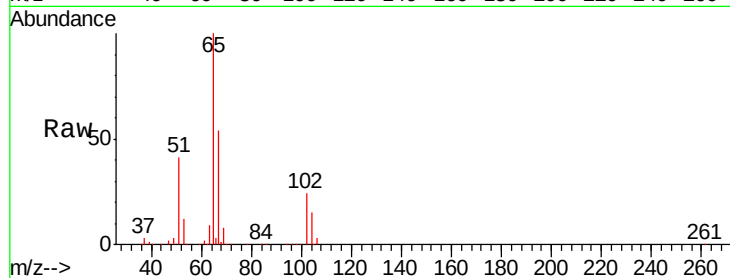




#33
 1,2-Dichloroethane-d4
 Concen: 53.133 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

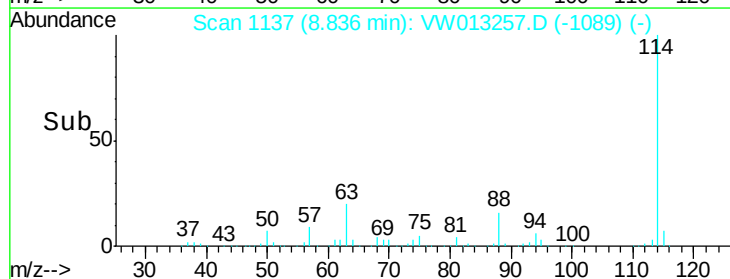
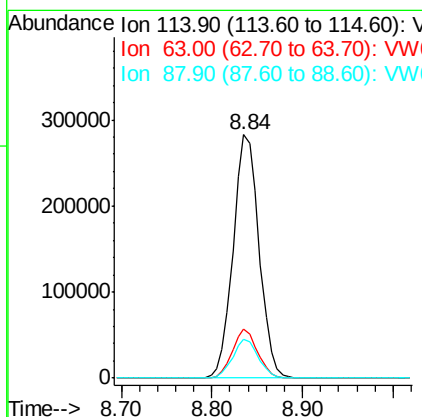
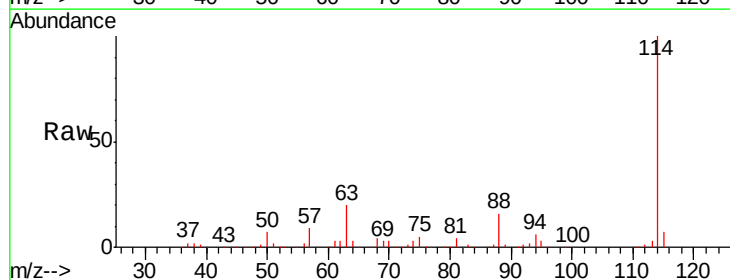
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-010-ABCD

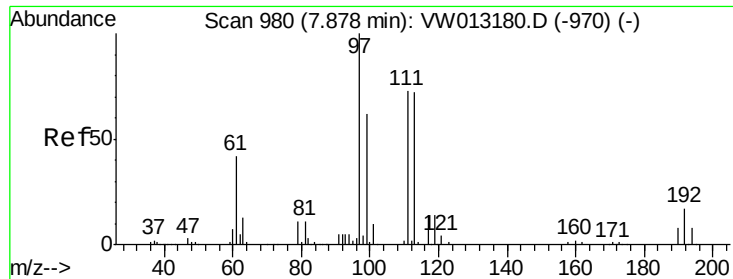
Tgt Ion: 65 Resp: 161561
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

Tgt Ion: 114 Resp: 559596
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 16.0 0.0 32.0

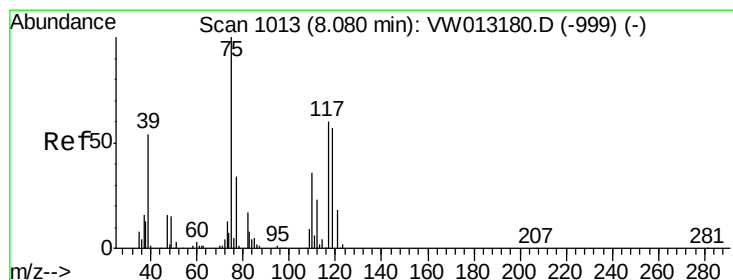
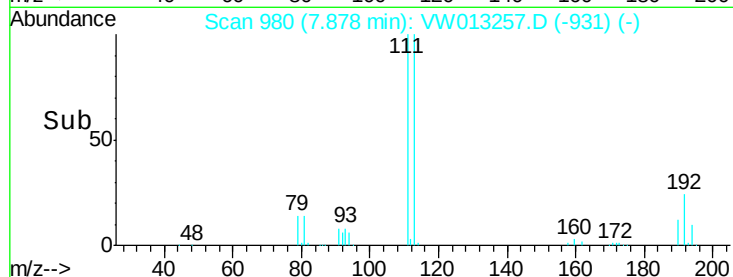
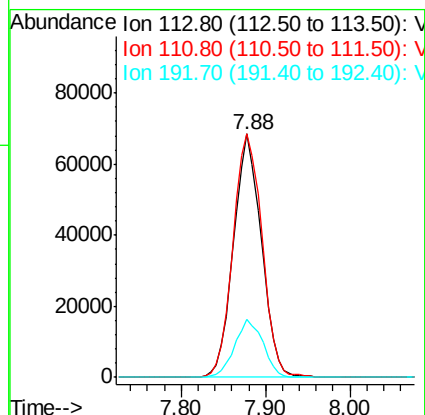
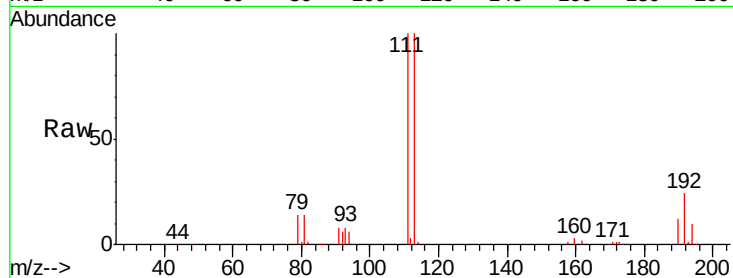




#35
 Dibromofluoromethane
 Concen: 49.930 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

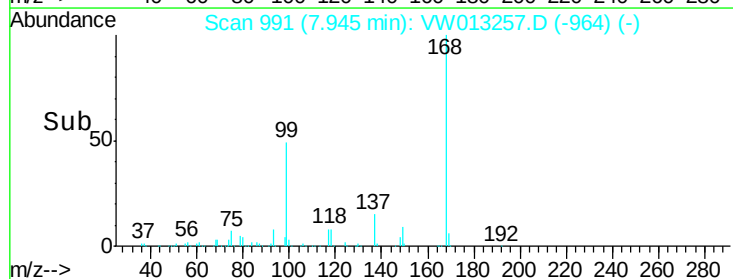
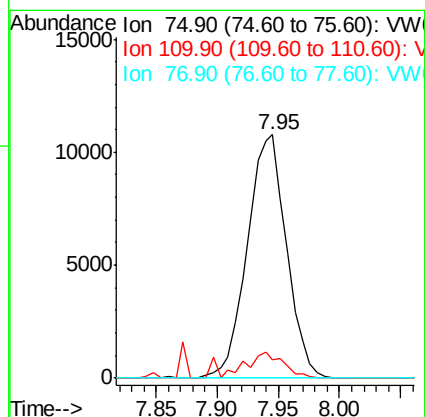
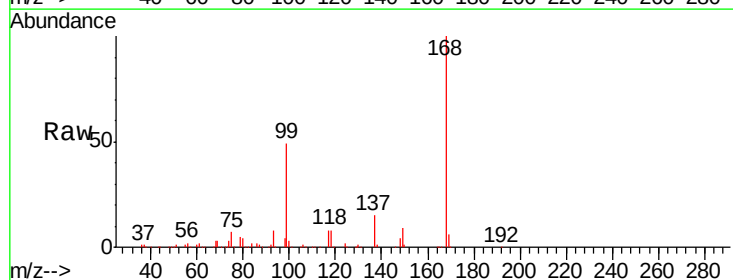
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-010-ABCD

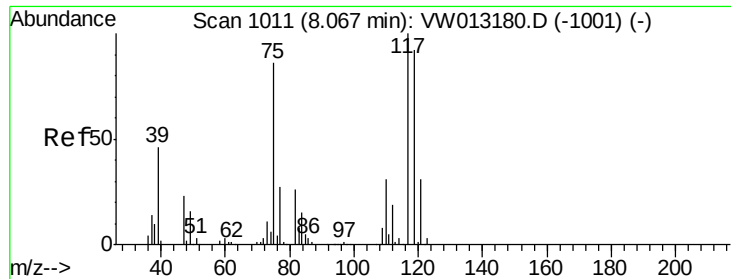
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	24.0	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.418 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	25.8	38.6#

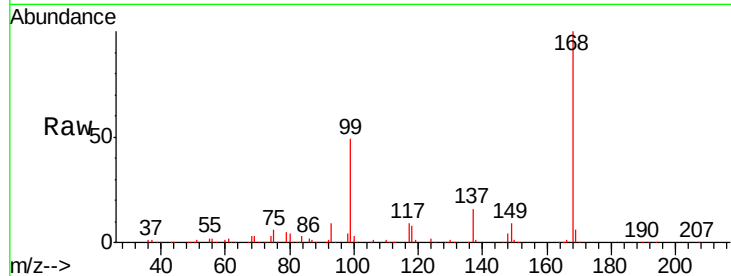




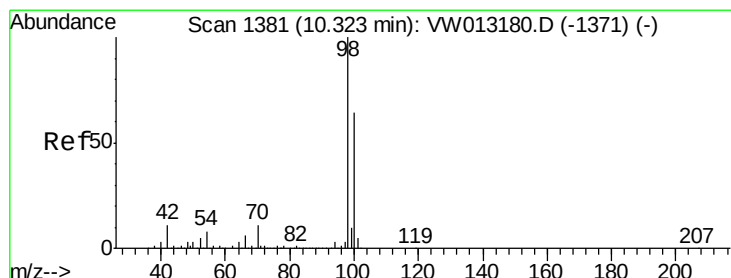
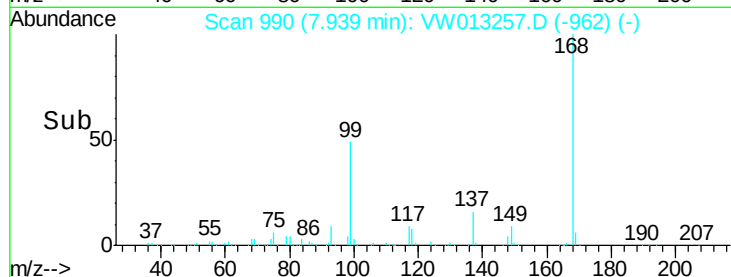
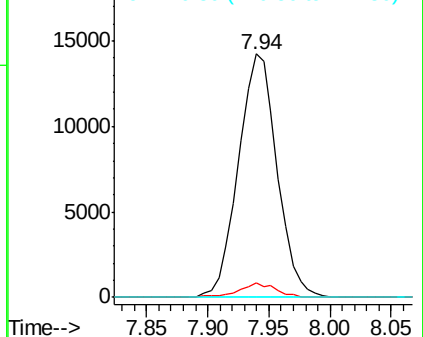
#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-010-ABCD

Tgt Ion:117 Resp: 31205
Ion Ratio Lower Upper
117 100
119 5.9 73.5 110.3#
121 0.0 25.0 37.6#

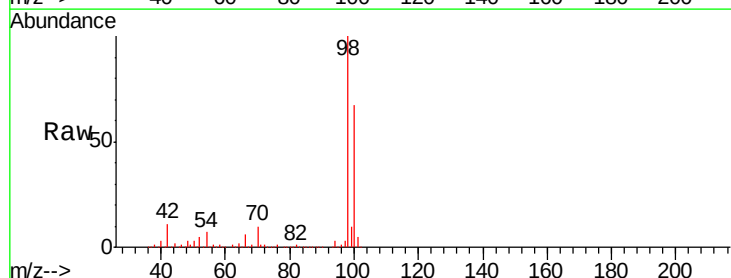


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

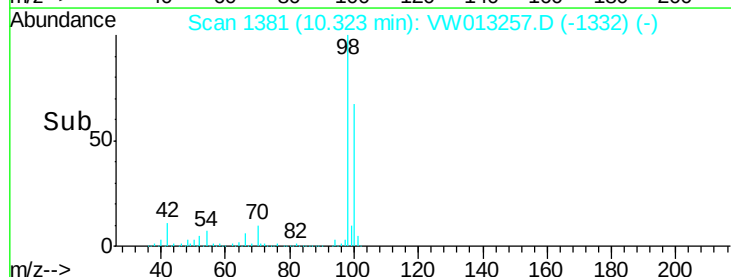
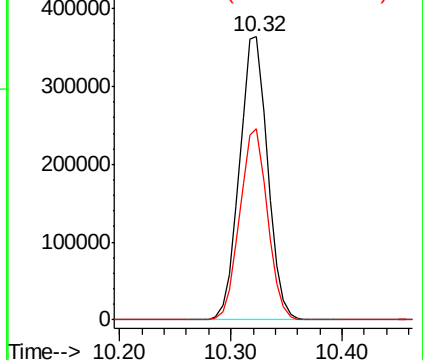


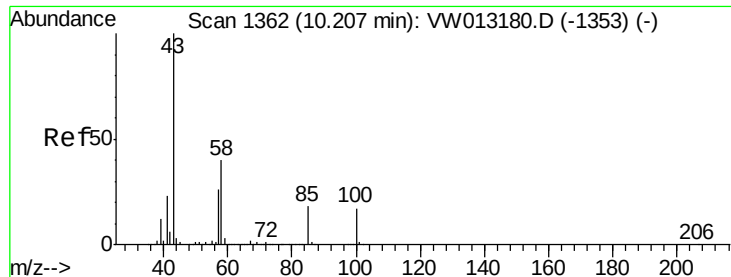
#50
Toluene-d8
Concen: 49.521 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Tgt Ion: 98 Resp: 637869
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



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

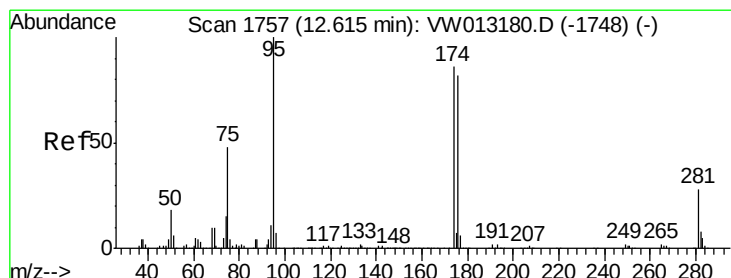
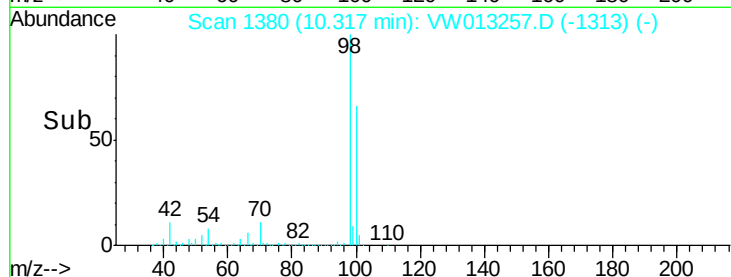
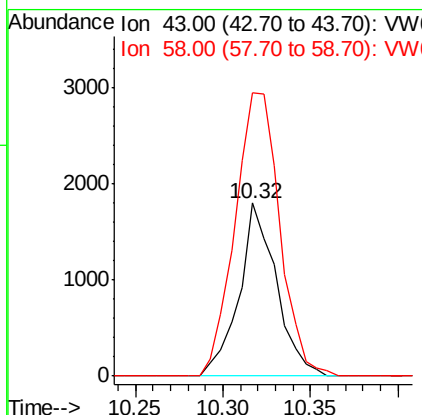
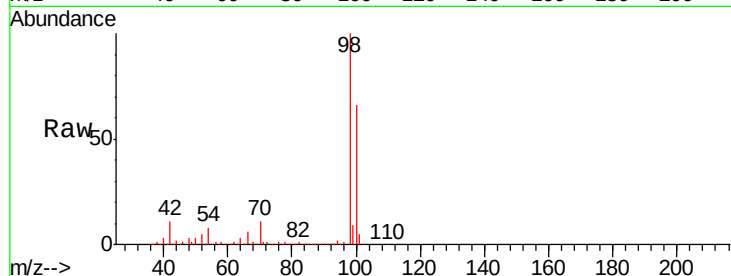




#51
 4-Methyl-2-Pentanone
 Concen: 1.205 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

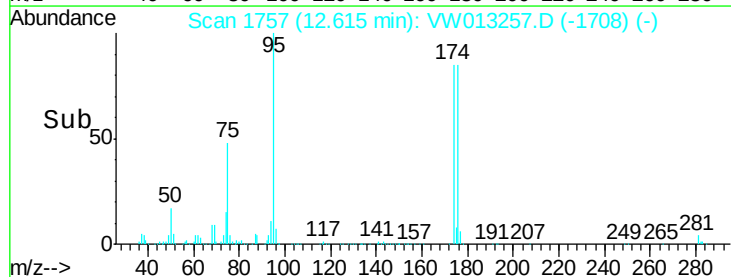
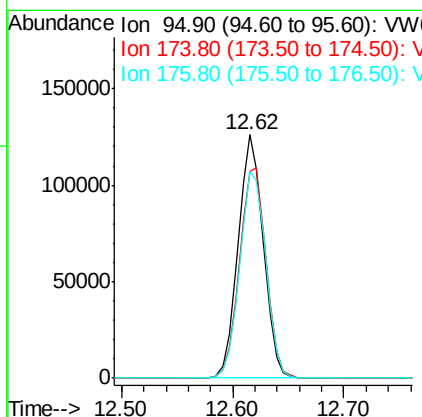
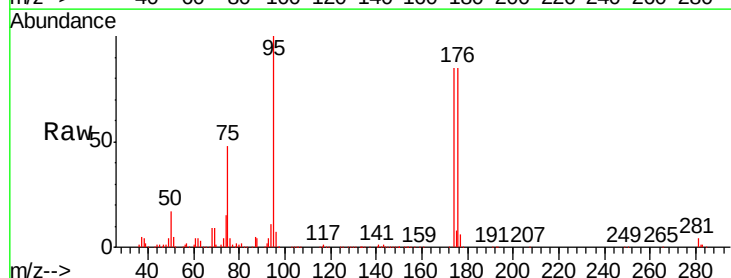
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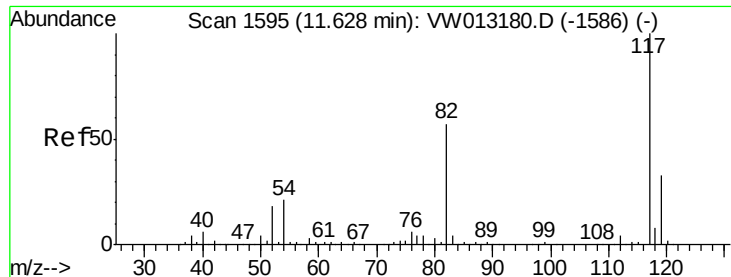
Tgt Ion: 43 Resp: 2667
 Ion Ratio Lower Upper
 43 100
 58 196.1 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 44.709 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

Tgt Ion: 95 Resp: 196720
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 178.4
 176 88.5 0.0 172.2

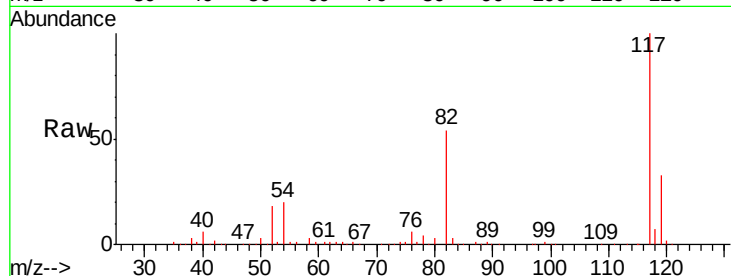




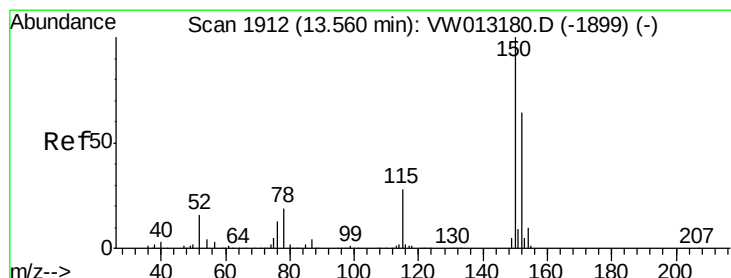
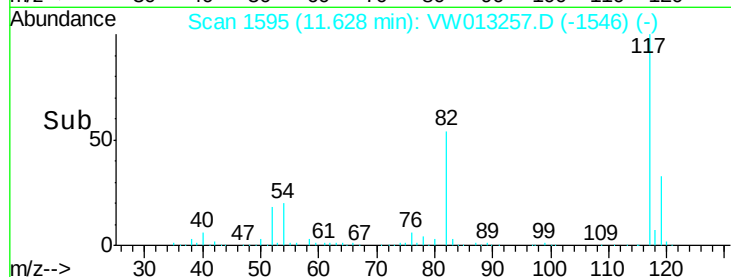
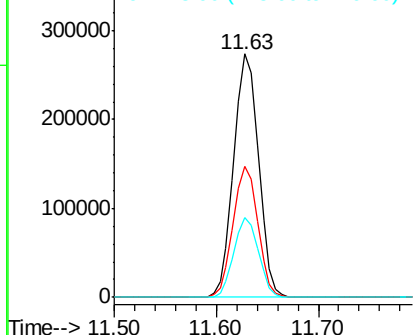
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-010-ABCD

Tgt Ion:117 Resp: 461464
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.8 26.2 39.2

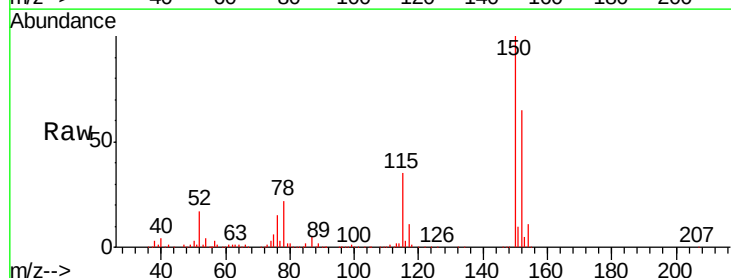


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

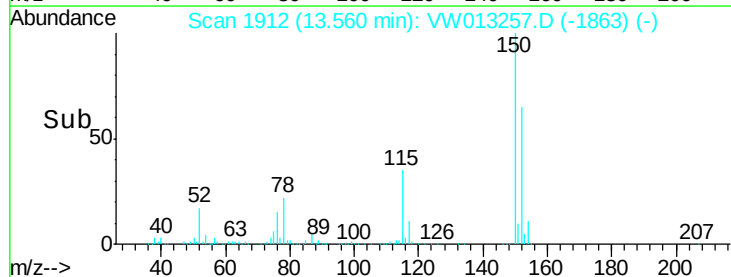
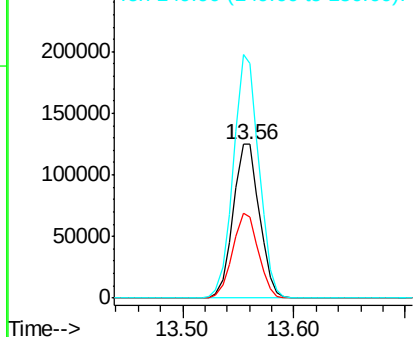


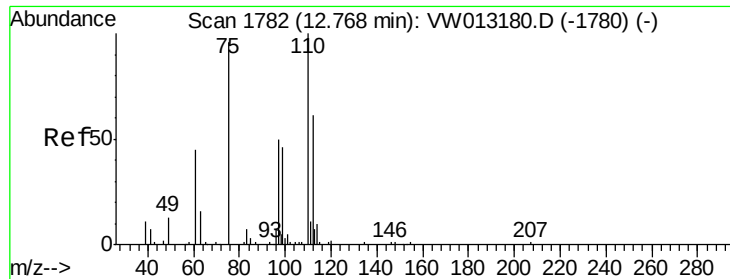
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Tgt Ion:152 Resp: 203248
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 154.0 0.0 349.0



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

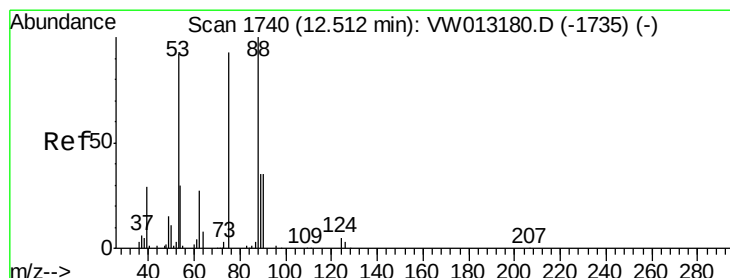
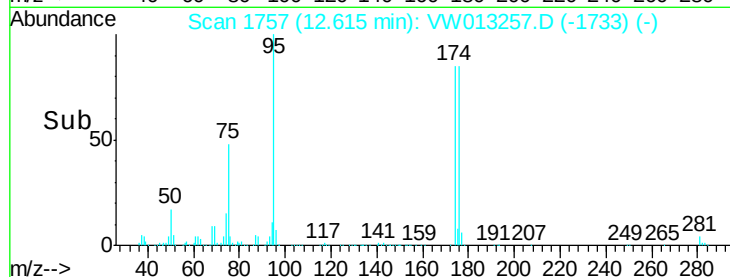
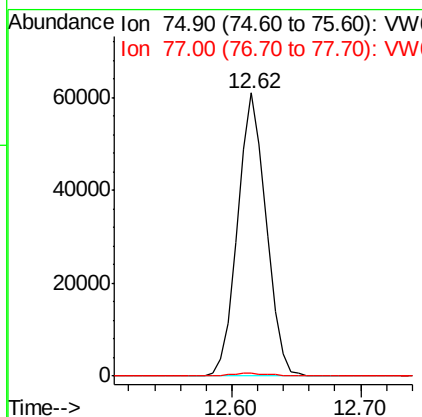
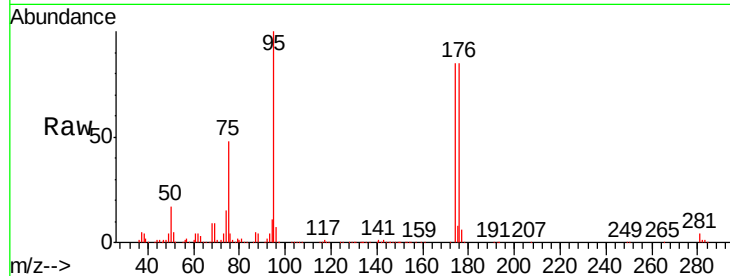




#76
 1,2,3-Trichloropropane
 Concen: 51.932 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-010-ABCD

Tgt Ion: 75 Resp: 93215
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.531 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013257.D
 Acq: 24 Sep 2019 04:38

Tgt Ion: 75 Resp: 93215
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.0 33.5 50.3#

