

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011693.D
 Acq On : 04 Aug 2019 05:08
 Operator : SY/VA
 Sample : K4158-02
 Misc : 6.68G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-055

Quant Time: Aug 05 01:07:35 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	234859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85934	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	161297	59.81	ug/l	0.00
Spiked Amount			Recovery	=	119.62%	
35) Dibromofluoromethane	7.88	113	126818	56.81	ug/l	0.00
Spiked Amount			Recovery	=	113.62%	
50) Toluene-d8	10.32	98	477559	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	118570	36.39	ug/l	0.00
Spiked Amount			Recovery	=	72.78%	

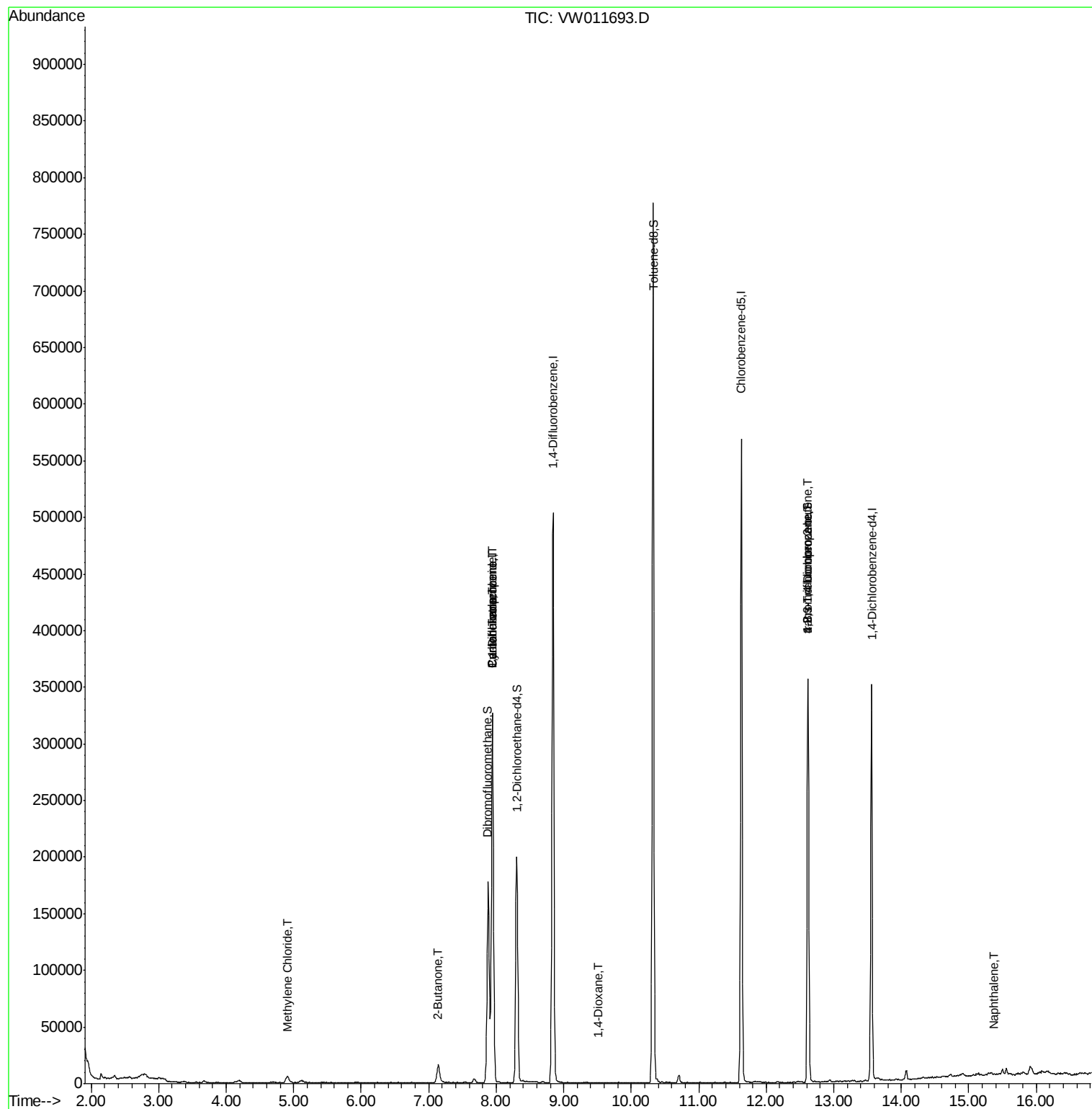
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.10	59	1830	Below Cal	#	72
20) Methylene Chloride	4.91	84	3786	1.280	ug/l	90
25) 2-Butanone	7.14	43	1191	1.061	ug/l #	56
31) Cyclohexane	7.94	56	5961	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	20789	5.025	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23901	6.748	ug/l #	17
49) 1,4-Dioxane	9.51	88	24	1.171	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	64707	71.163	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64707	164.006	ug/l #	6
95) Naphthalene	15.38	128	325	2.158	ug/l #	78

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080419\
Data File : VW011693.D
Acq On : 04 Aug 2019 05:08
Operator : SY/VA
Sample : K4158-02
Misc : 6.68G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

Quant Time: Aug 05 01:07:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011693.D

Acq: 04 Aug 2019 05:08

Instrument :

MSVOA_W

ClientSampleId :

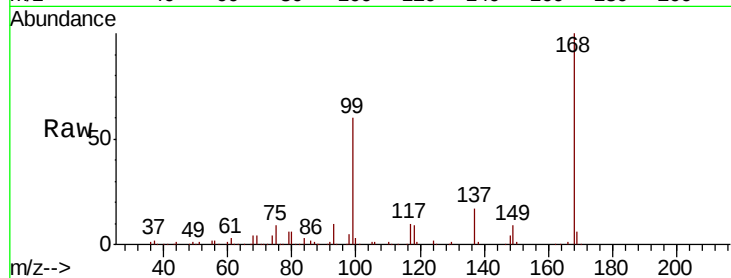
FK-PS-01-055

Tot Ion:168 Resp: 234859

Ion Ratio Lower Upper

168 100

99 59.7 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

120000

100000

80000

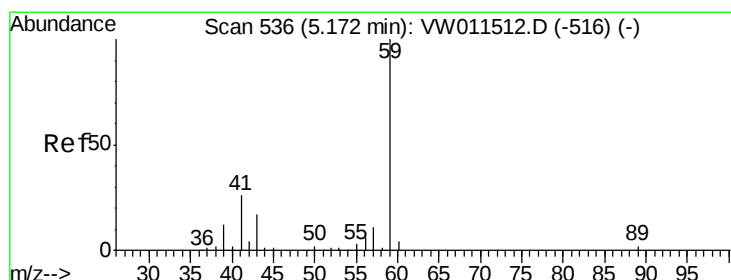
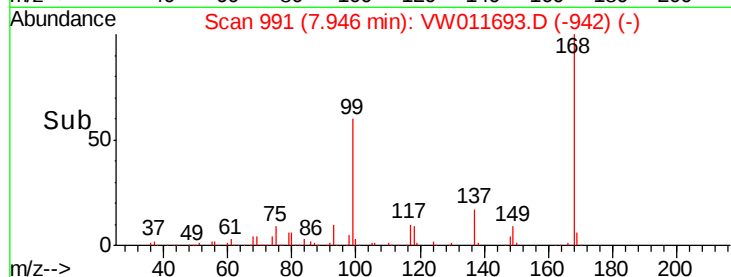
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.10 min Scan# 524

Delta R.T. -0.07 min

Lab File: VW011693.D

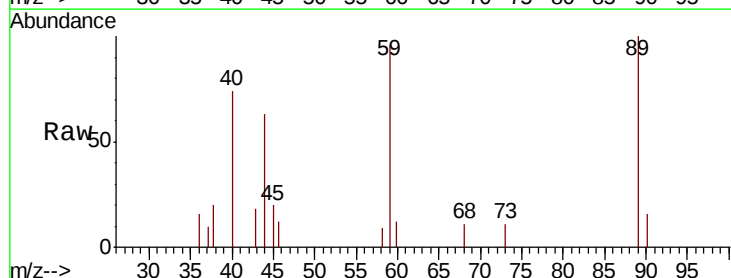
Acq: 04 Aug 2019 05:08

Tgt Ion: 59 Resp: 1830

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

5.10

600

500

400

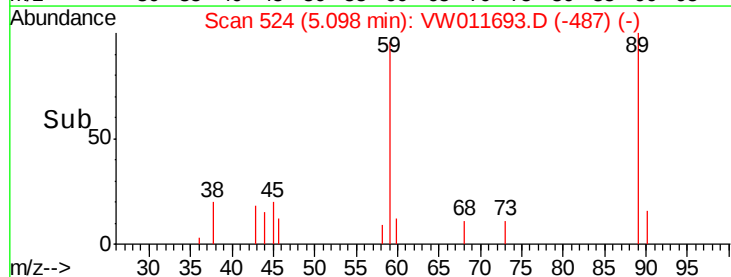
300

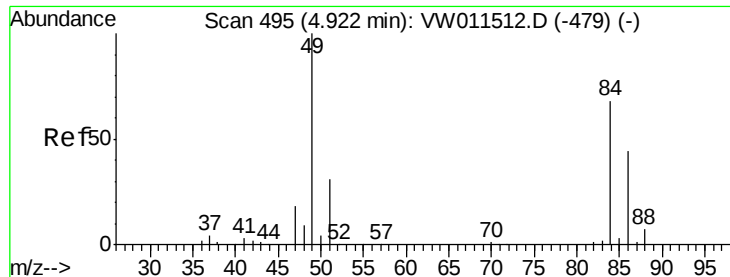
200

100

0

Time--> 5.05 5.10 5.15

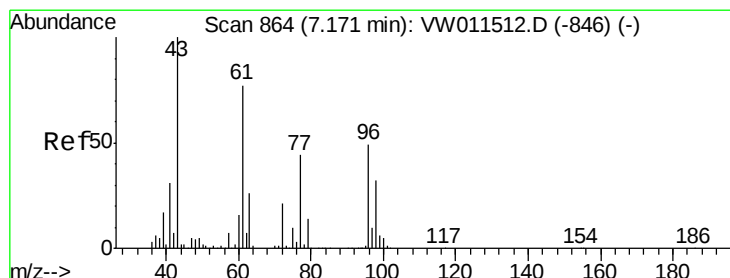
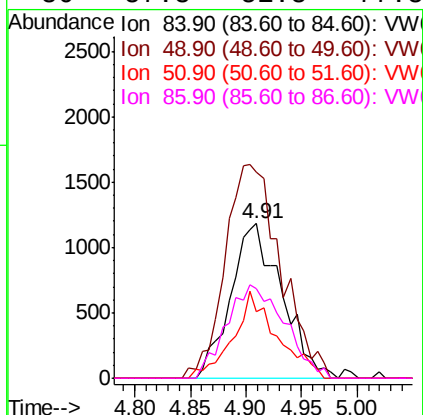
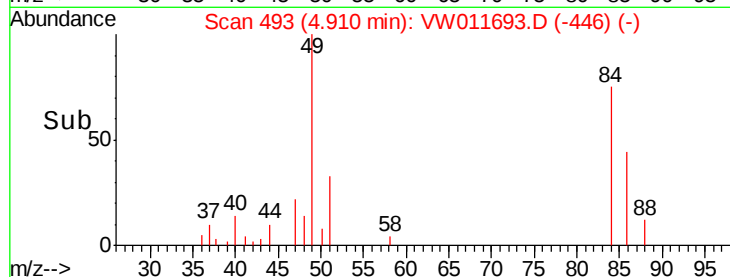
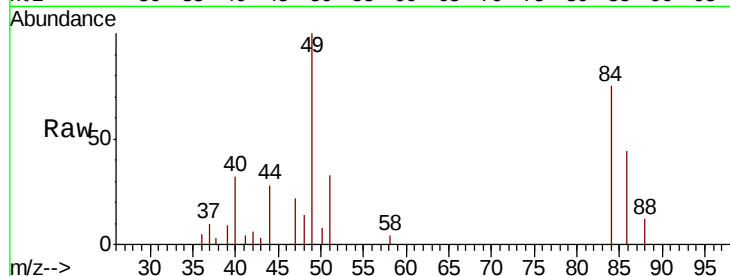




#20
Methvlene Chloride
Concen: 1.280 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

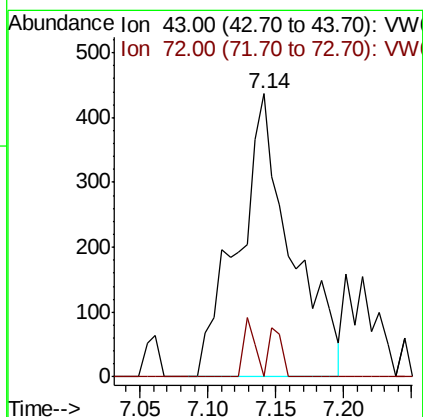
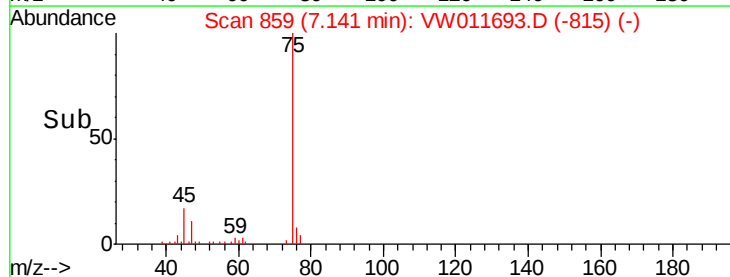
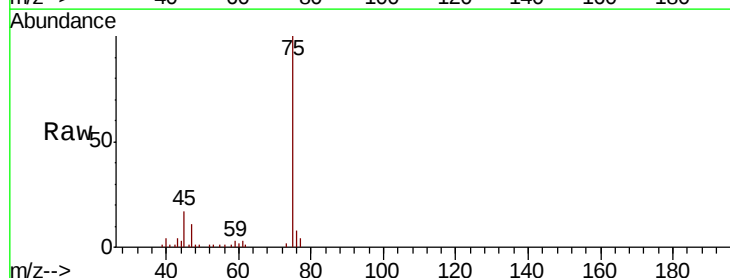
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

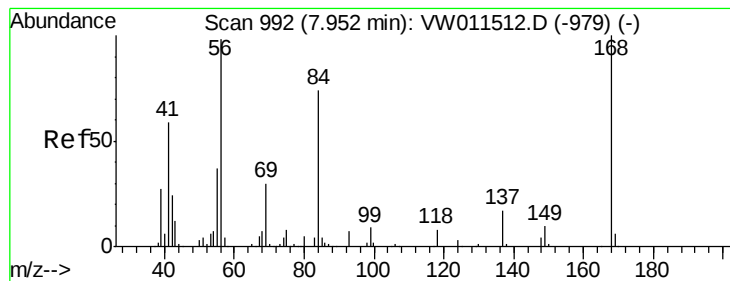
Tot Ion: 84 Resp: 3786
Ion Ratio Lower Upper
84 100
49 132.8 117.8 176.6
51 43.4 37.0 55.4
86 57.8 51.8 77.8



#25
2-Butanone
Concen: 1.061 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#





#31

Cvclohexane

Concen: 1.182 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011693.D

Acq: 04 Aug 2019 05:08

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-055

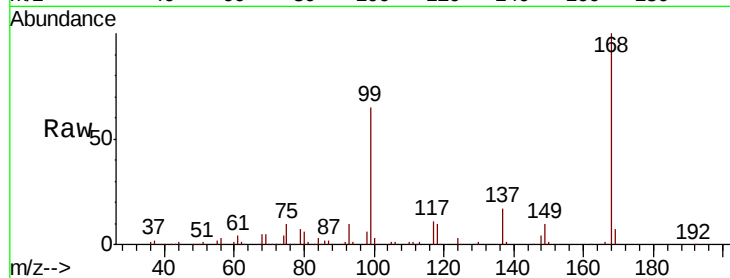
Tot Ion: 56 Resp: 5961

Ion Ratio Lower Upper

56 100

69 177.1 24.3 36.5#

84 128.3 60.4 90.6#

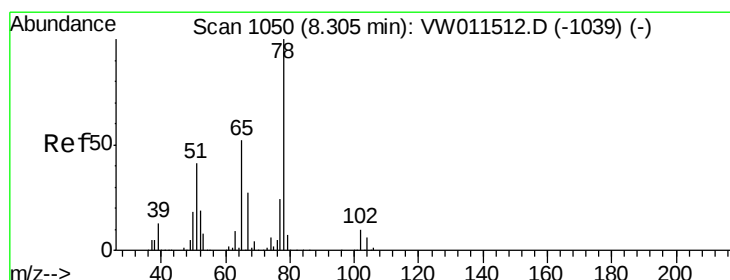
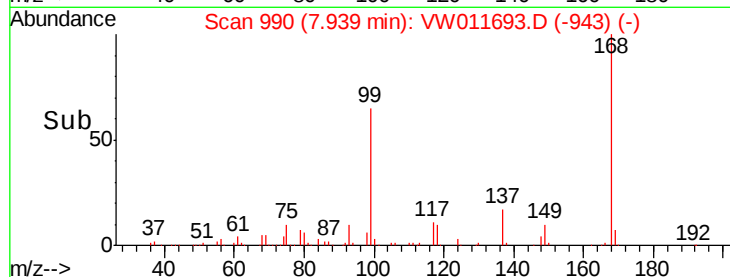
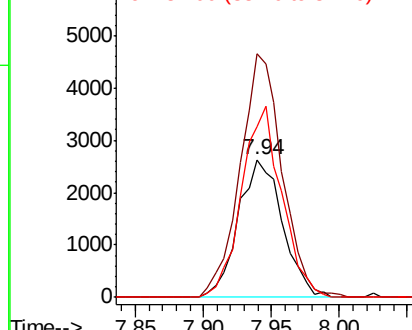


Abundance

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: 59.810 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011693.D

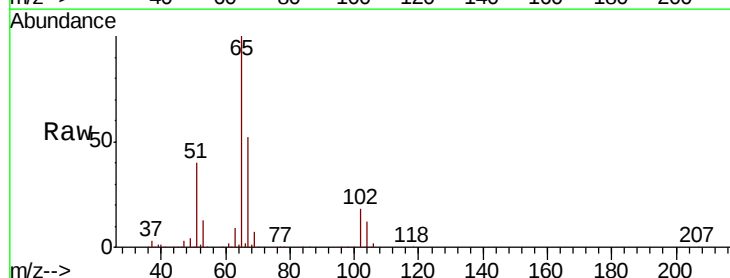
Acq: 04 Aug 2019 05:08

Tgt Ion: 65 Resp: 161297

Ion Ratio Lower Upper

65 100

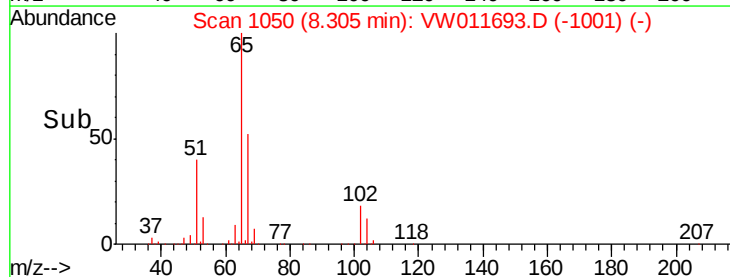
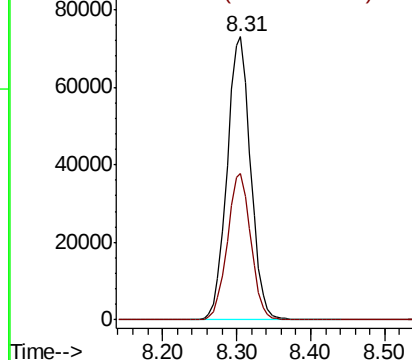
67 51.3 0.0 105.2

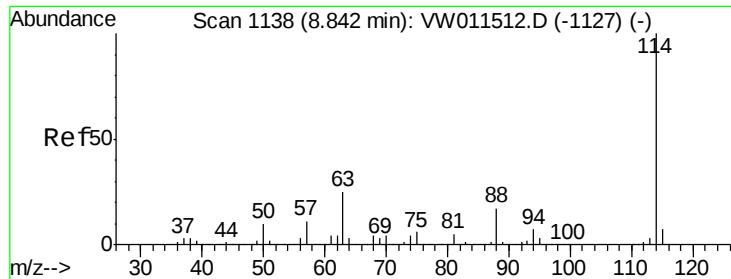


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

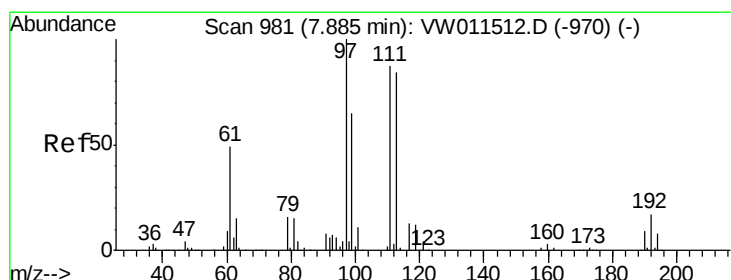
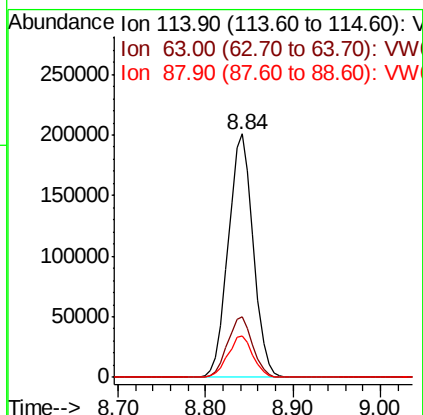
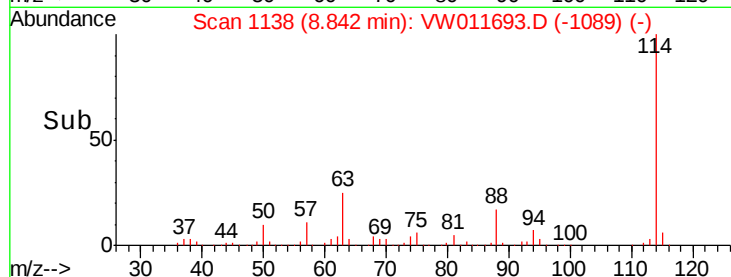
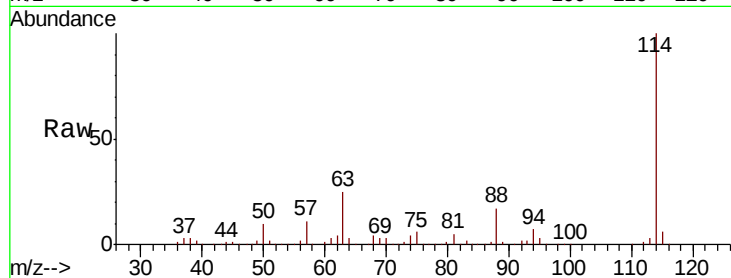




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

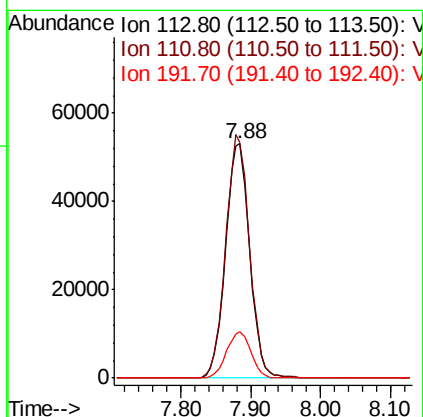
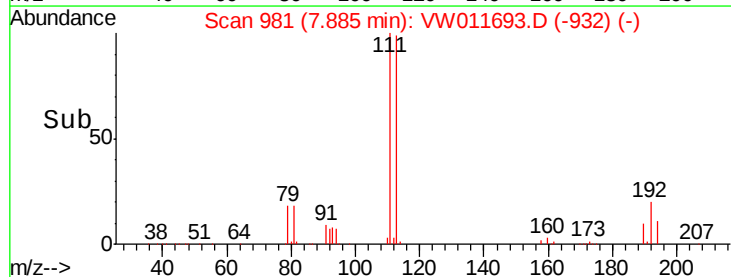
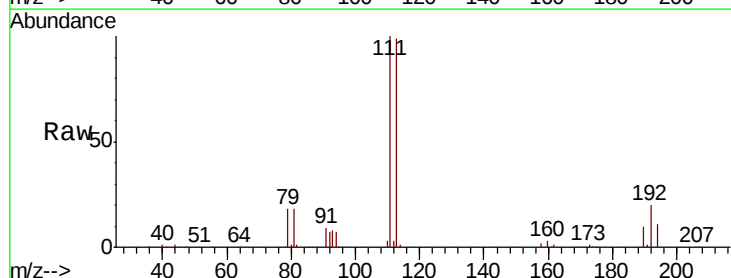
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-055

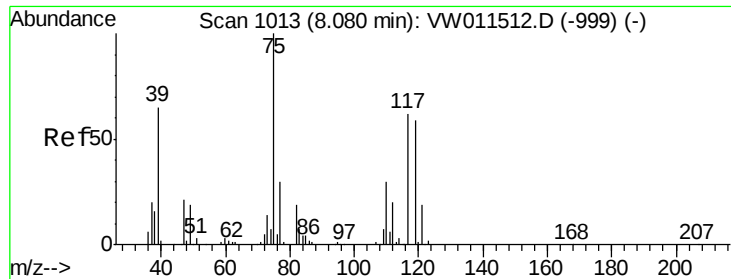
Tot Ion:114	Resp:	397905
Ion Ratio	Lower	Upper
114 100		
63 25.0	0.0	49.2
88 17.0	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 56.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

Tgt Ion:113	Resp:	126818
Ion Ratio	Lower	Upper
113 100		
111 102.6	82.7	124.1
192 20.0	16.1	24.1

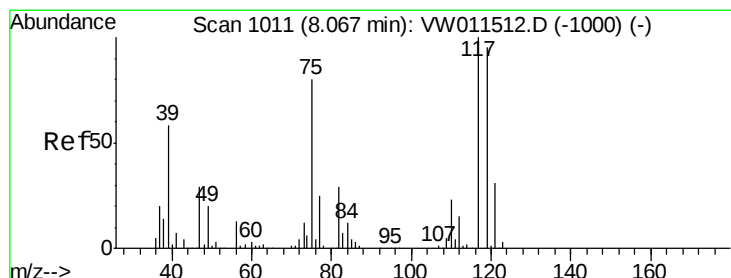
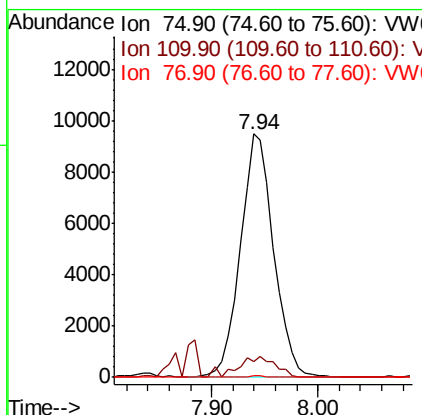
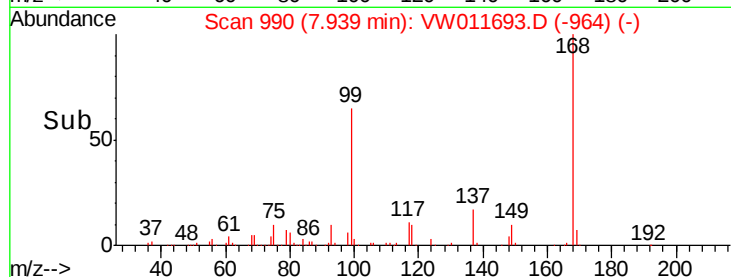
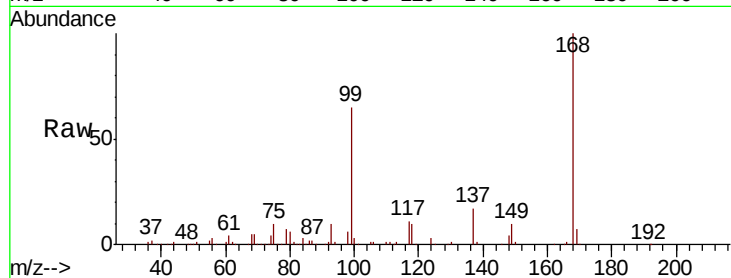




#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

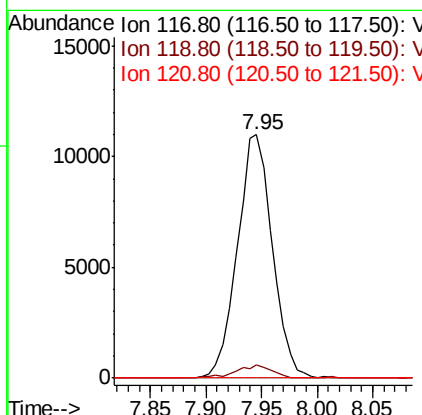
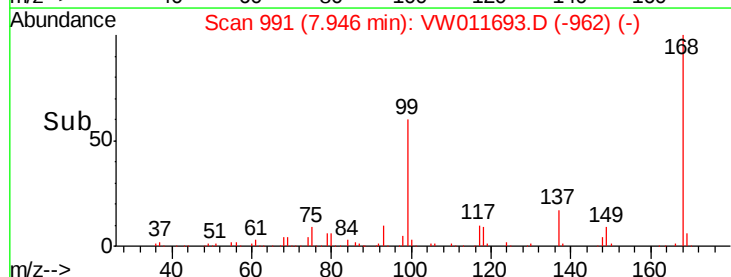
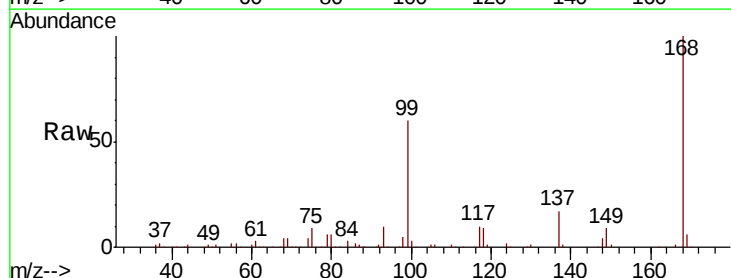
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-055

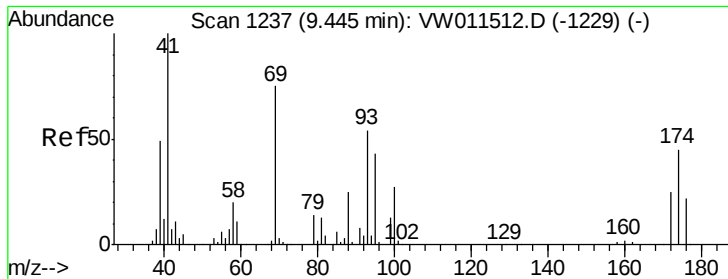
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.6	46.8#
77	0.2	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.748 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.8	113.6#
121	0.0	24.7	37.1#

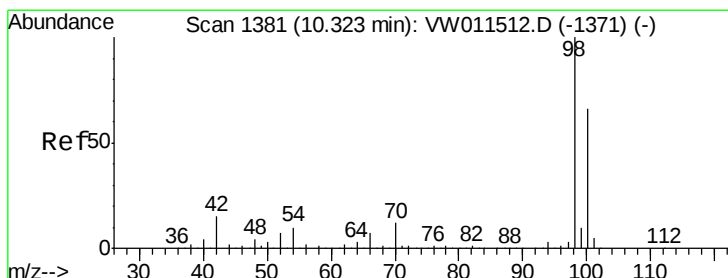
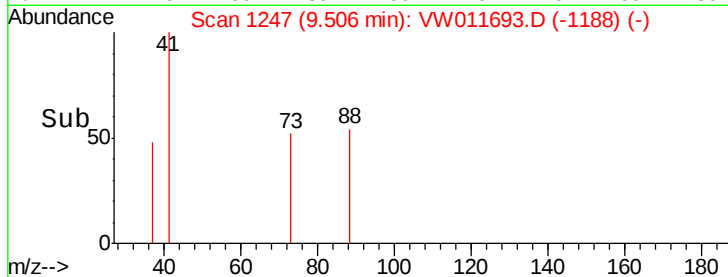
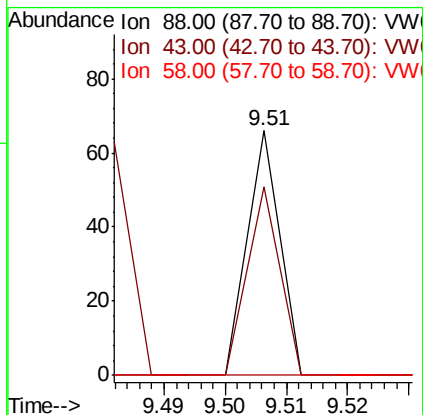
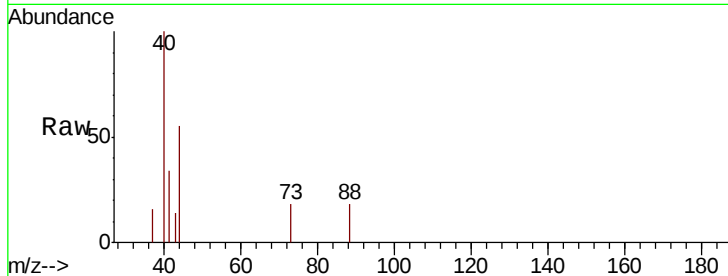




#49
1,4-Dioxane
Concen: 1.171 ug/l
RT: 9.51 min Scan# 1247
Delta R.T. 0.06 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

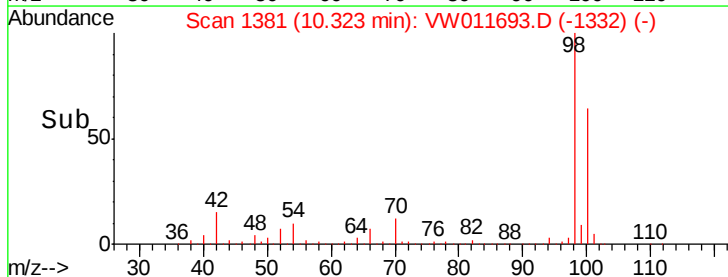
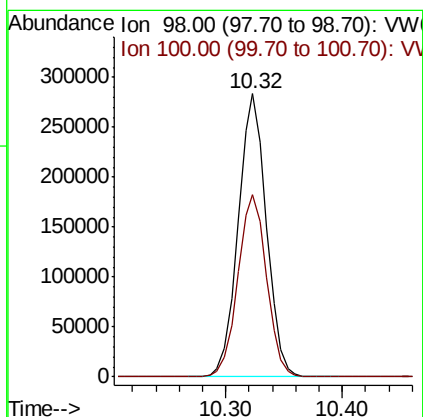
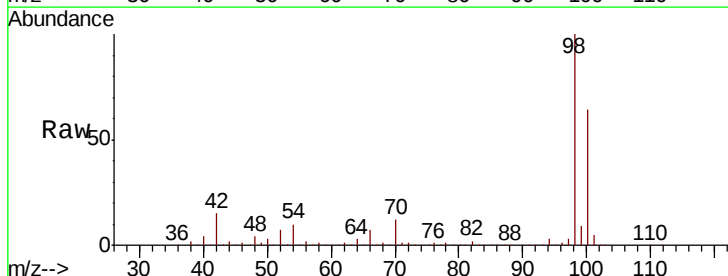
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

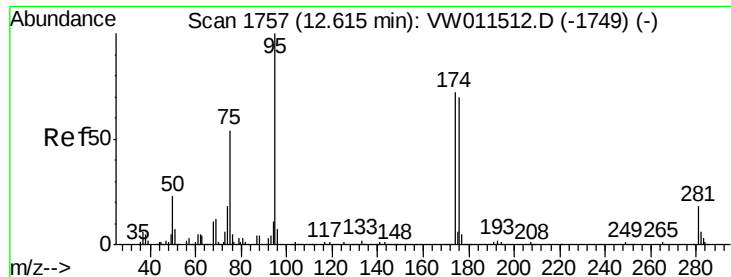
Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 79.2 34.0 51.0#
58 0.0 69.7 104.5#



#50
Toluene-d8
Concen: 52.251 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Tgt Ion: 98 Resp: 477559
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

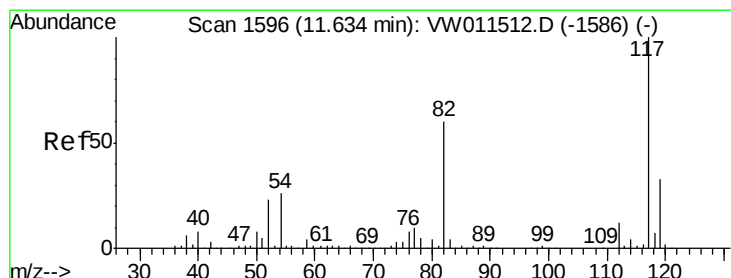
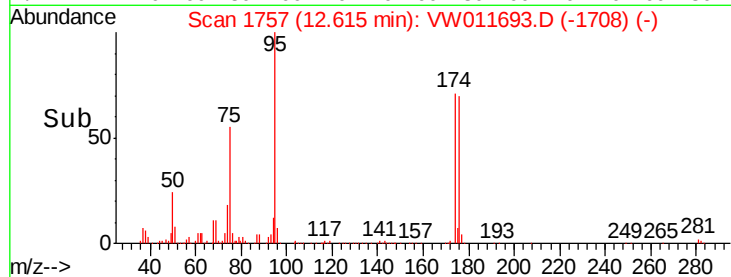
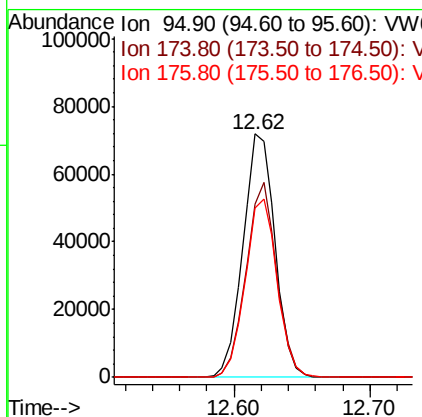
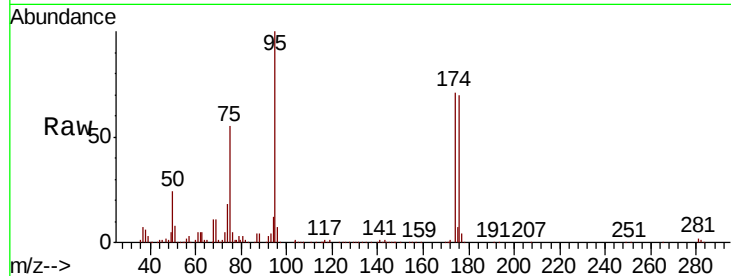




#62
4-Bromofluorobenzene
Concen: 36.388 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

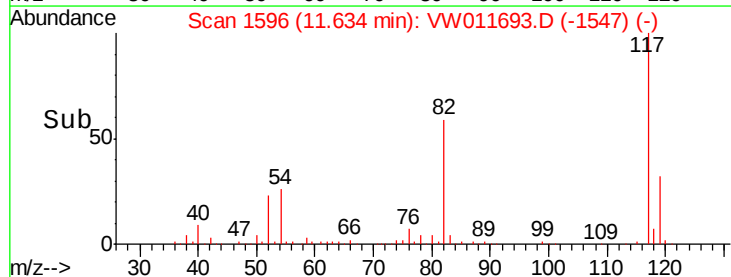
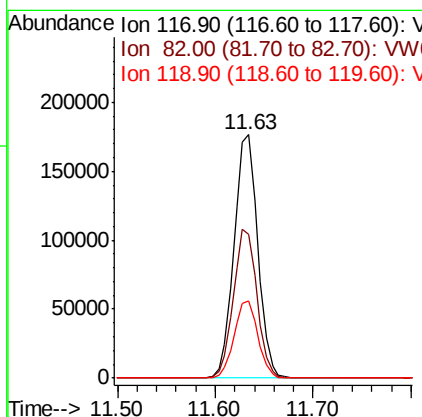
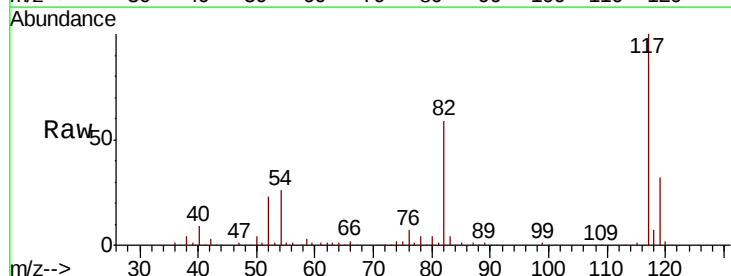
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

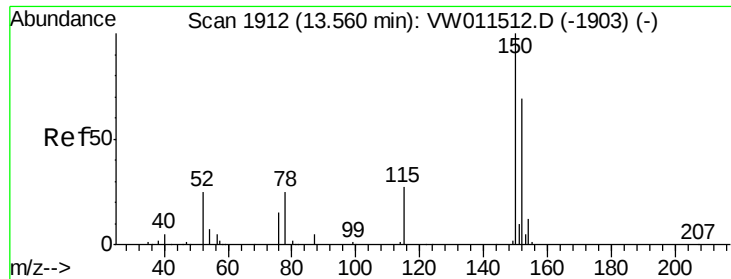
Tot Ion: 95 Resp: 118570
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.2
176 72.9 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Tgt Ion: 117 Resp: 296988
Ion Ratio Lower Upper
117 100
82 58.9 47.9 71.9
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011693.D

Acq: 04 Aug 2019 05:08

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-055

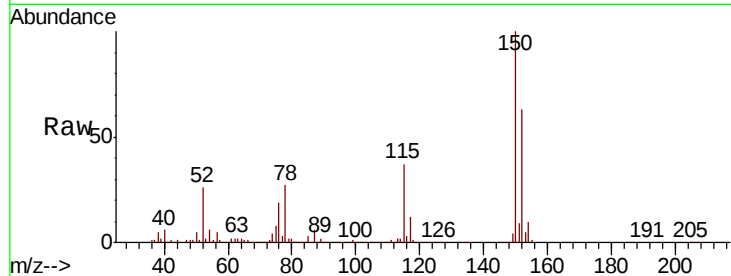
Tot Ion:152 Resp: 85934

Ion Ratio Lower Upper

152 100

115 59.3 30.5 91.5

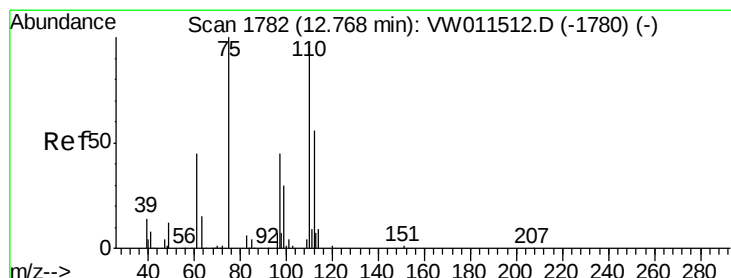
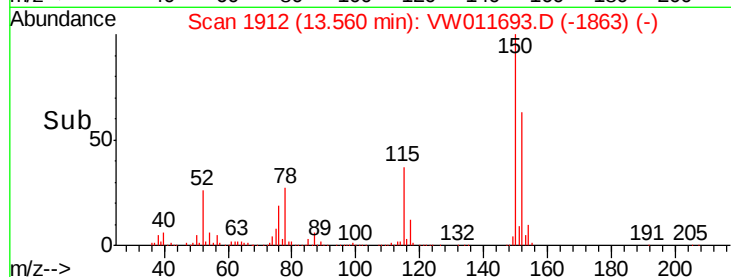
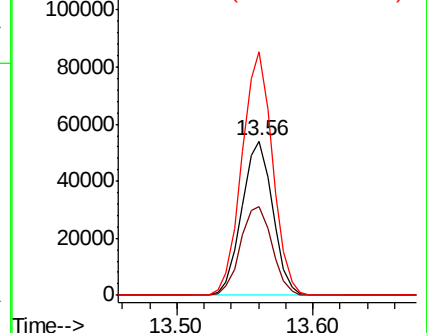
150 156.6 0.0 352.6



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: 71.163 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011693.D

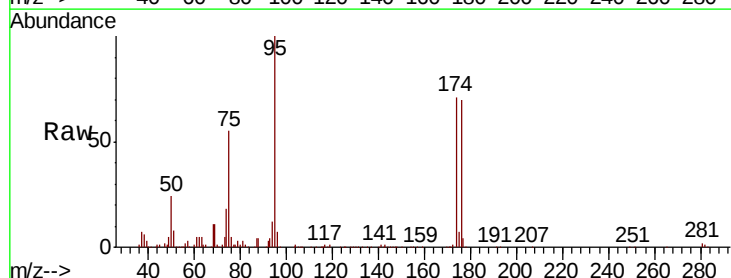
Acq: 04 Aug 2019 05:08

Tgt Ion: 75 Resp: 64707

Ion Ratio Lower Upper

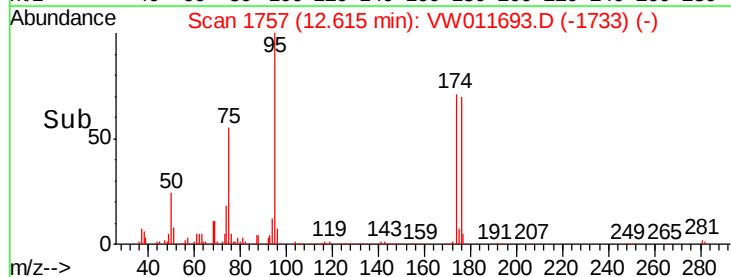
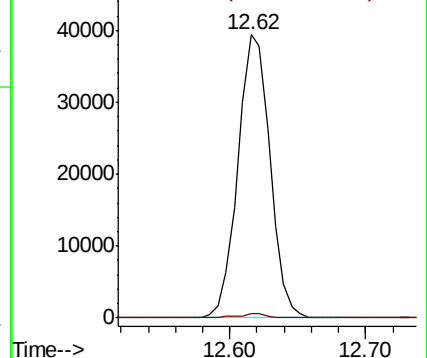
75 100

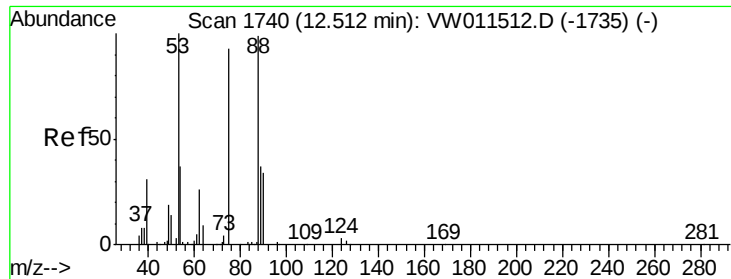
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

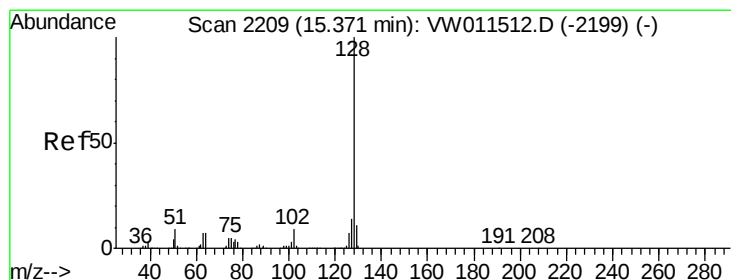
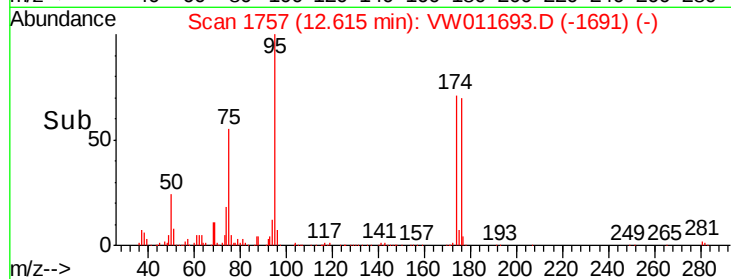
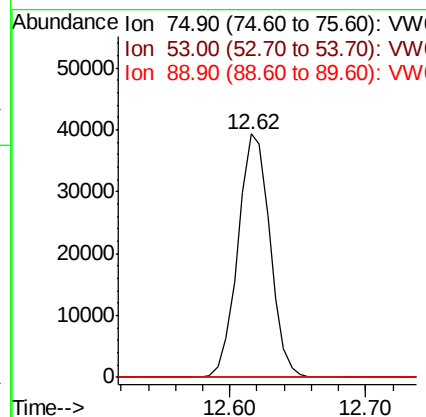
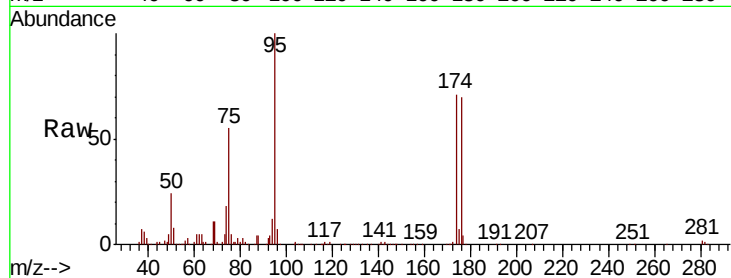




#81
trans-1,4-Dichloro-2-butene
Concen: 164.006 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

Tot Ion: 75 Resp: 64707
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.158 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Tgt Ion: 128 Resp: 325
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 7.4 8.6 13.0#

