

Data File : VW012183.D
Acq On : 26 Aug 2019 20:49
Operator : SY/VA
Sample : K4465-02RE
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-056RE

Quant Time: Aug 27 04:59:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

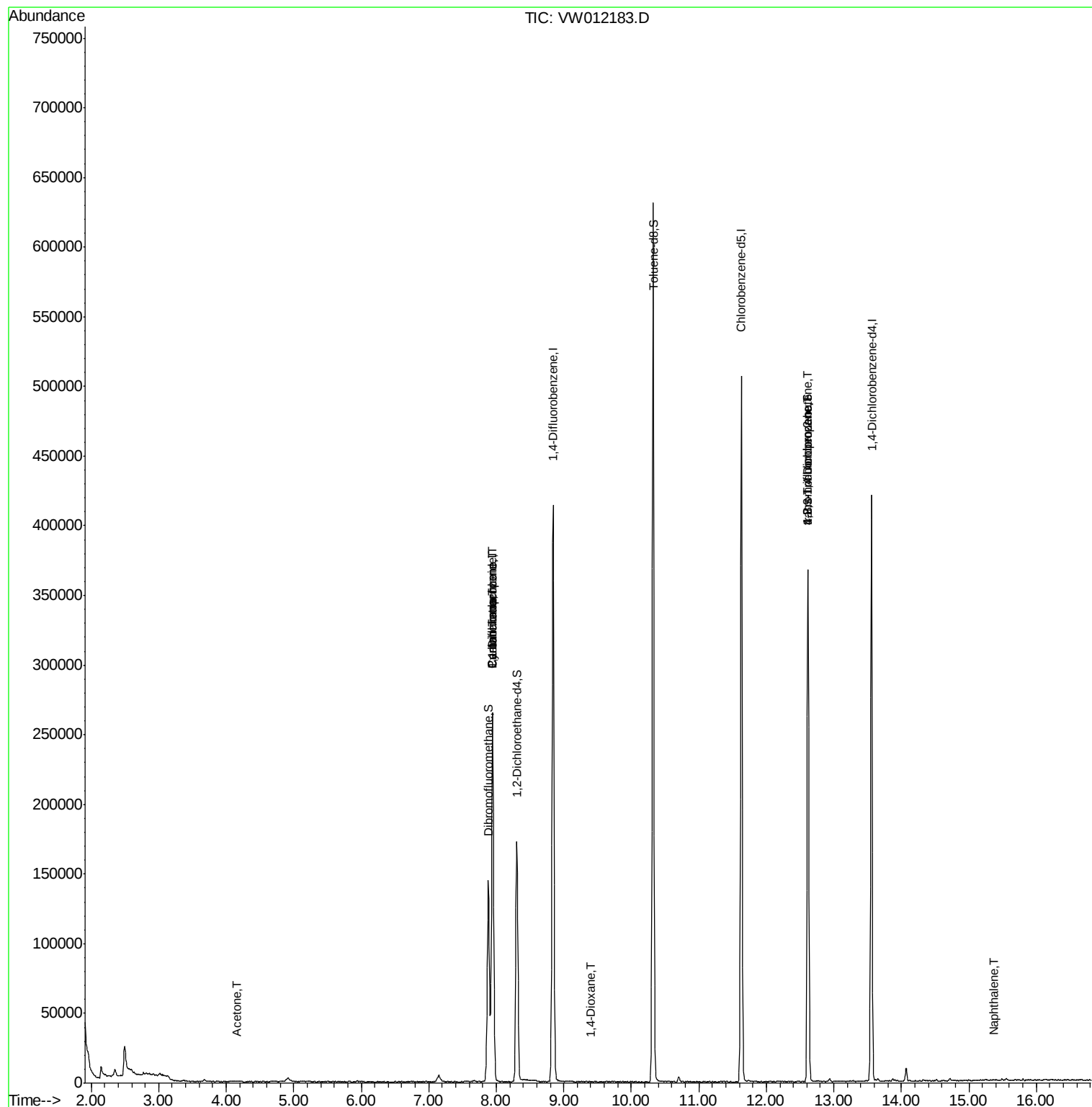
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	322374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136783	60.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.74%	
35) Dibromofluoromethane	7.88	113	102552	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	10.32	98	390602	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	120217	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1418	2.448	ug/l #	82
31) Cyclohexane	7.95	56	4944	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16602	4.984	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19532	6.774	ug/l #	18
49) 1,4-Dioxane	9.40	88	19	1.139	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	64854	64.266	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64854	140.905	ug/l #	6
95) Naphthalene	15.36	128	311	4.394	ug/l #	69

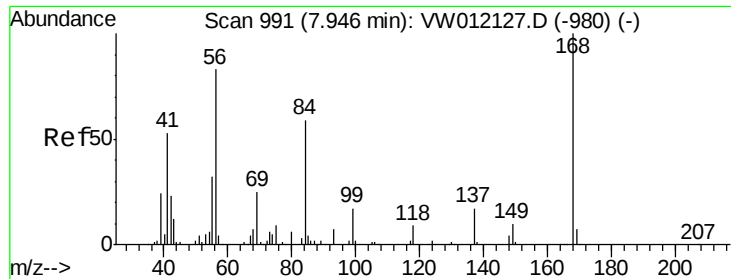
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012183.D

Acq: 26 Aug 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

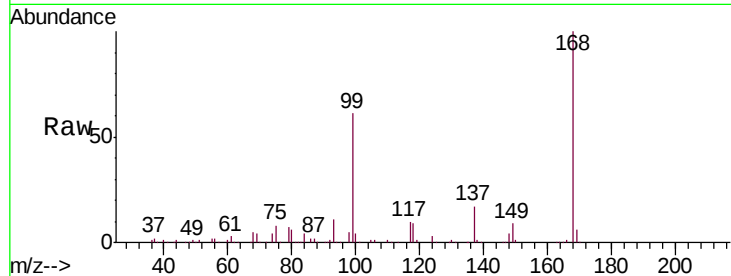
FK-PS-01-056RE

Tgt Ion:168 Resp: 190603

Ion Ratio Lower Upper

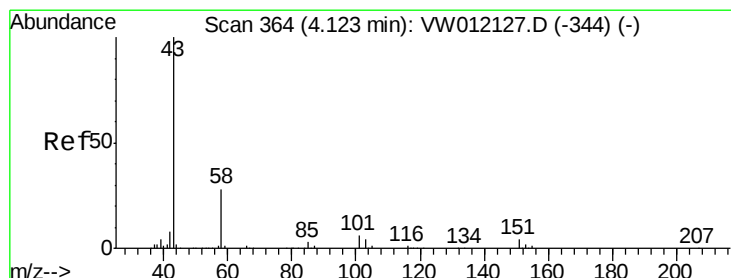
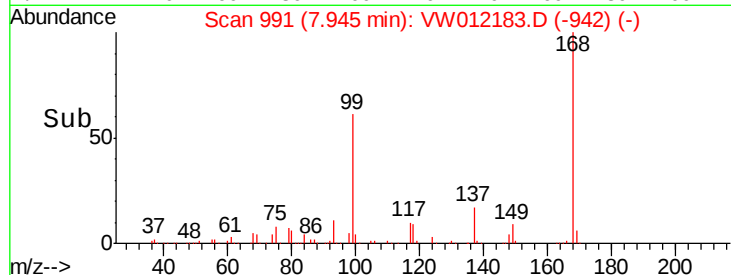
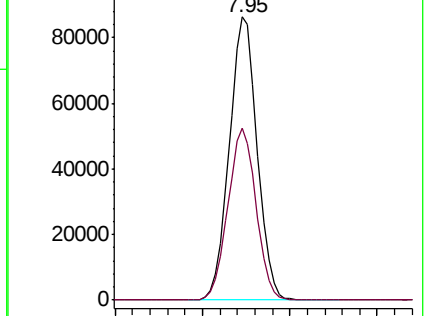
168 100

99 60.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.448 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012183.D

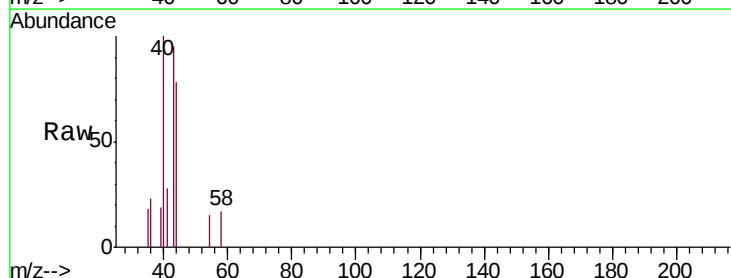
Acq: 26 Aug 2019 20:49

Tgt Ion: 43 Resp: 1418

Ion Ratio Lower Upper

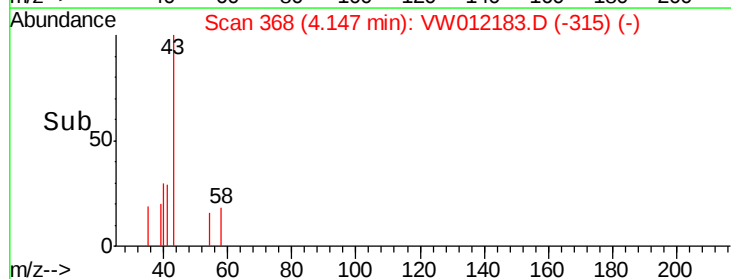
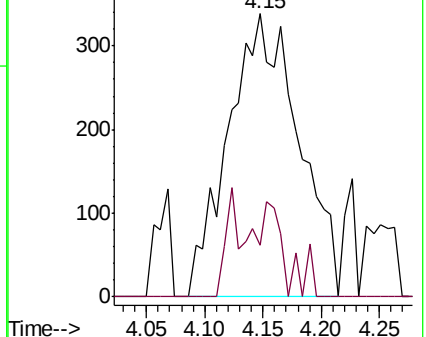
43 100

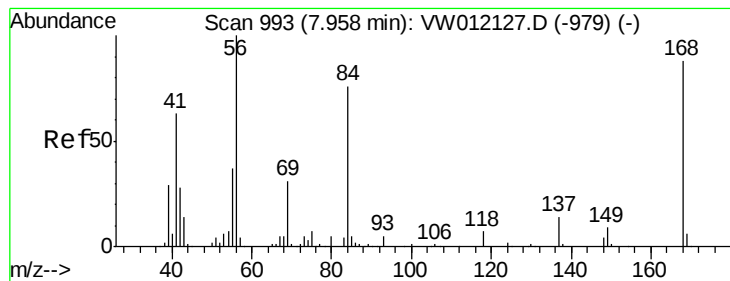
58 18.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#31

Cyclohexane

Concen: 1.211 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012183.D

Acq: 26 Aug 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-056RE

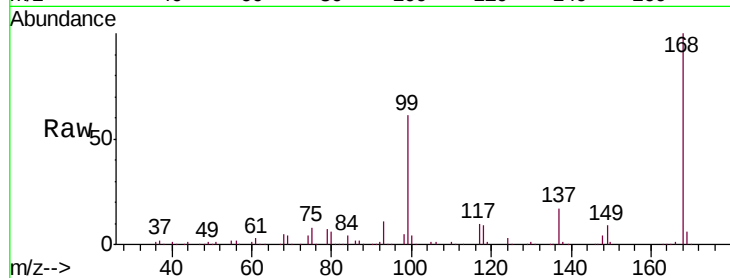
Tgt Ion: 56 Resp: 4944

Ion Ratio Lower Upper

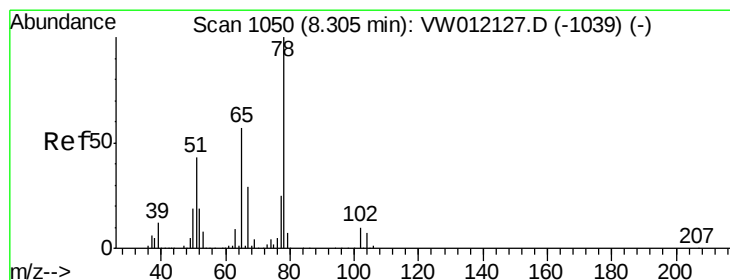
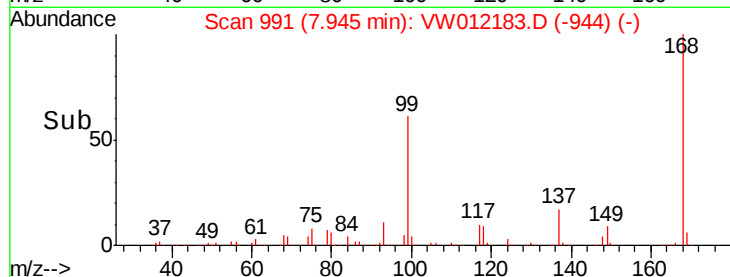
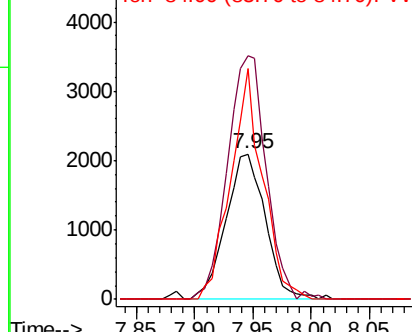
56 100

69 167.7 24.9 37.3#

84 159.2 60.6 90.8#



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: 60.368 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012183.D

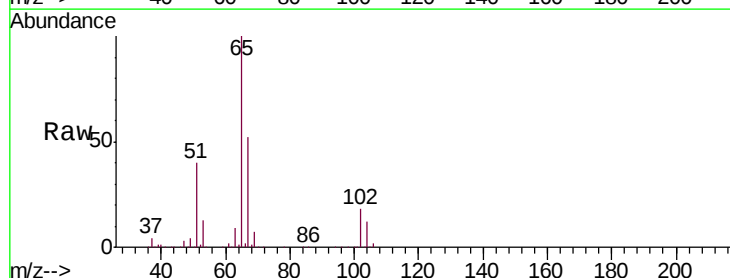
Acq: 26 Aug 2019 20:49

Tgt Ion: 65 Resp: 136783

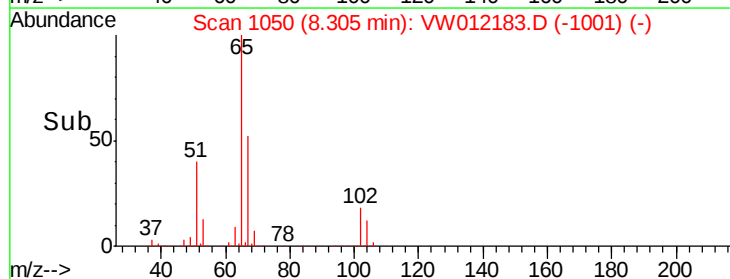
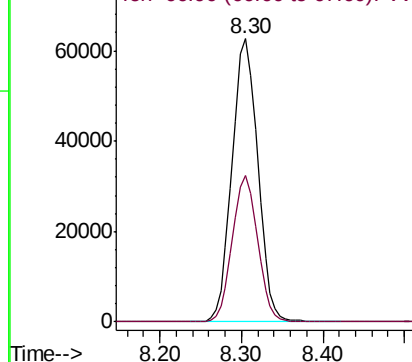
Ion Ratio Lower Upper

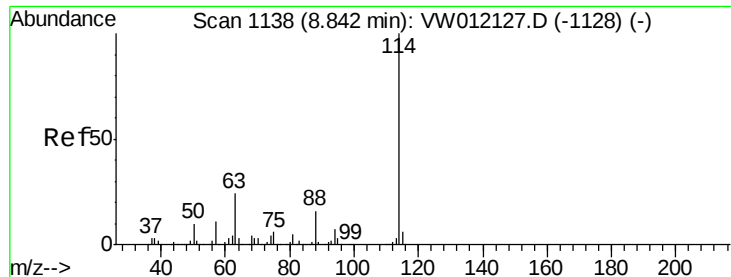
65 100

67 50.9 0.0 102.6



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: VW012183.D

Acq: 26 Aug 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-056RE

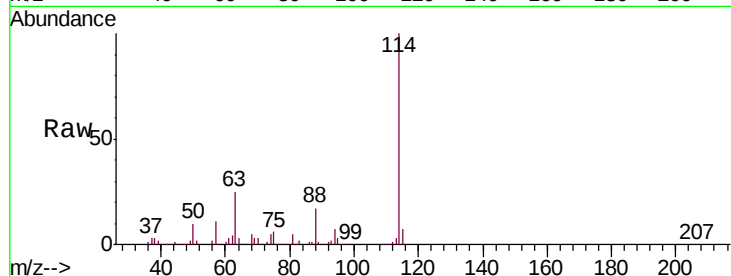
Tgt Ion:114 Resp: 322374

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

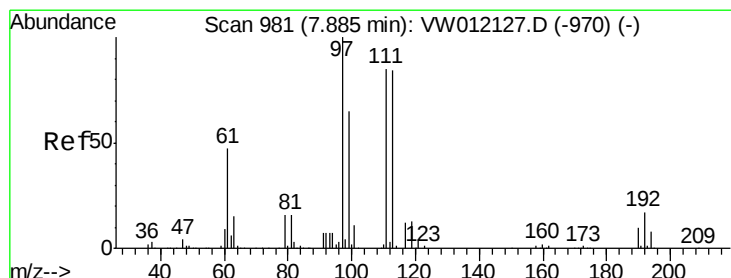
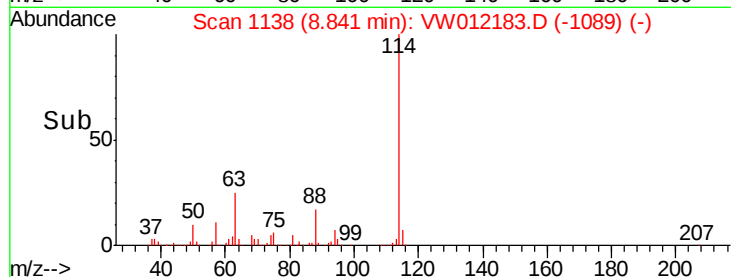
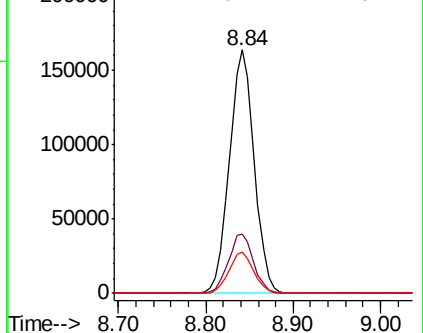
88 17.0 0.0 32.2



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: 53.294 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012183.D

Acq: 26 Aug 2019 20:49

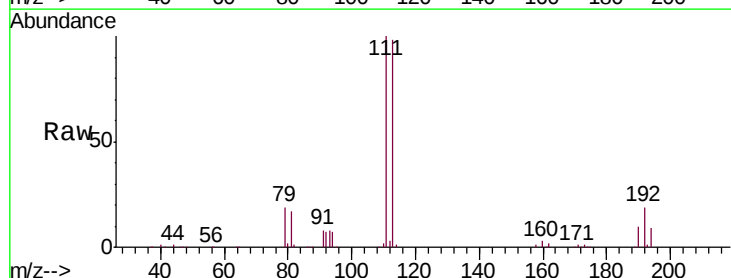
Tgt Ion:113 Resp: 102552

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

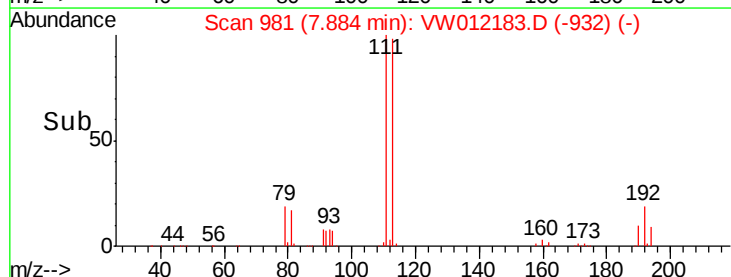
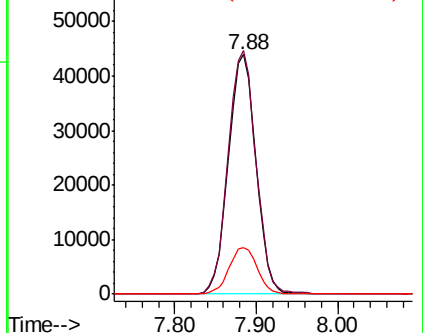
192 19.8 16.2 24.2

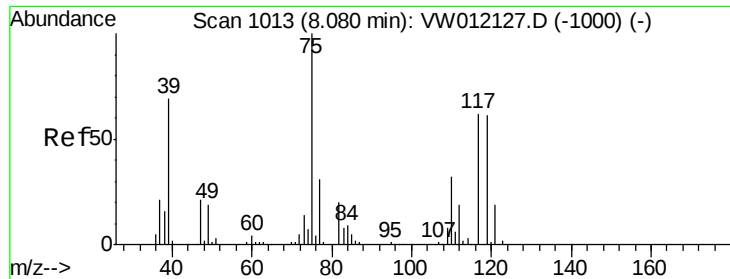


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

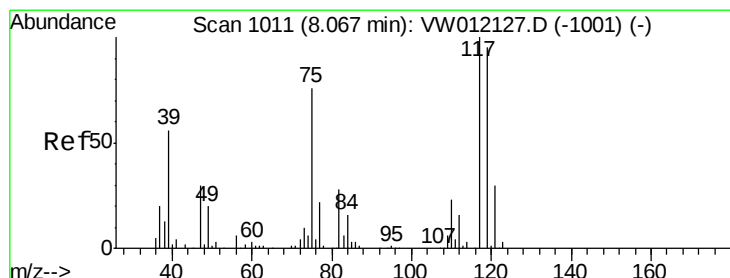
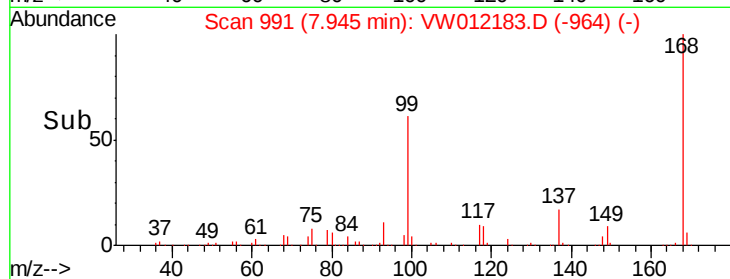
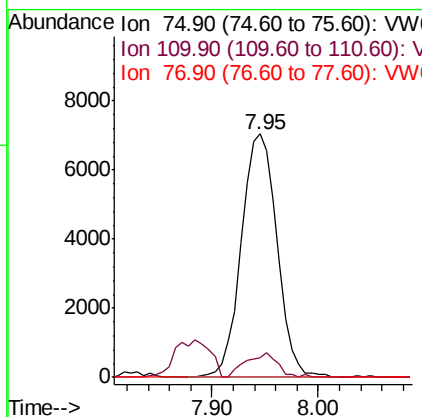
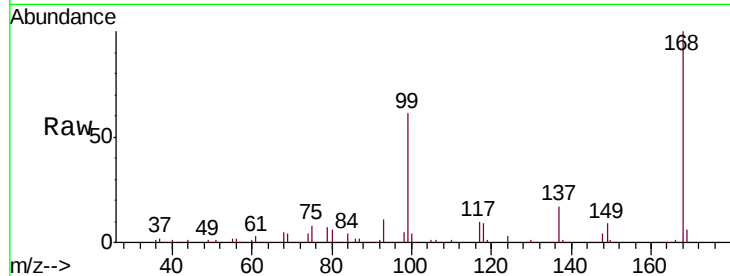




#36
 1,1-Dichloropropene
 Concen: 4.984 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012183.D
 Acq: 26 Aug 2019 20:49

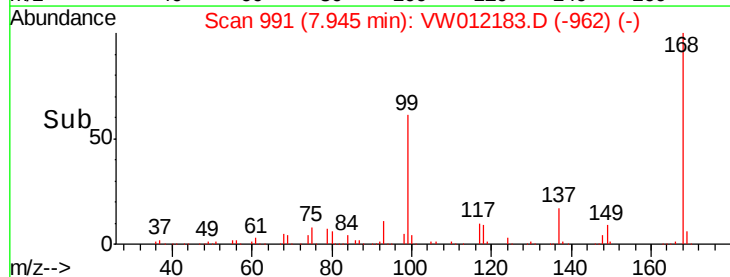
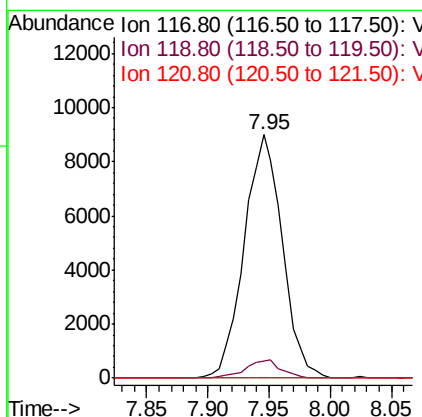
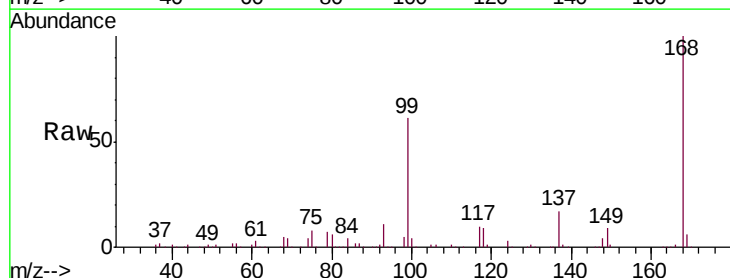
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-056RE

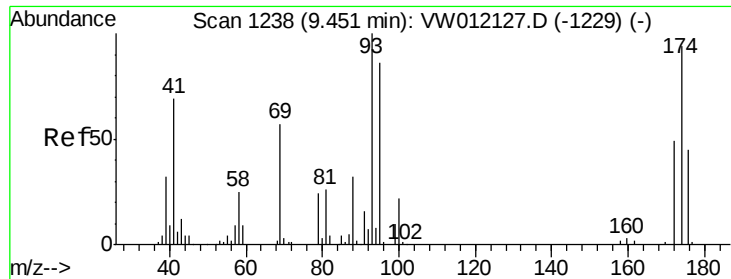
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.6	46.8#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.774 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012183.D
 Acq: 26 Aug 2019 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	23.8	35.8#





#49

1,4-Dioxane

Concen: 1.139 ug/l

RT: 9.40 min Scan# 1229

Delta R.T. -0.06 min

Lab File: VW012183.D

Acq: 26 Aug 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-056RE

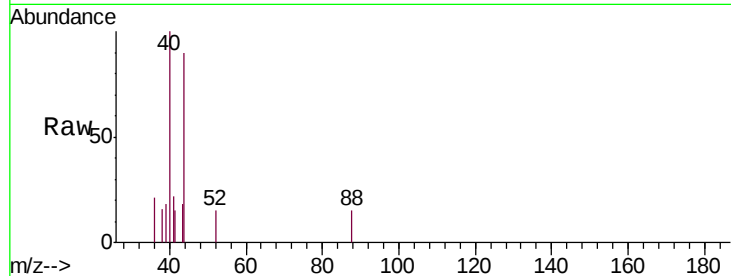
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 347.4 32.9 49.3#

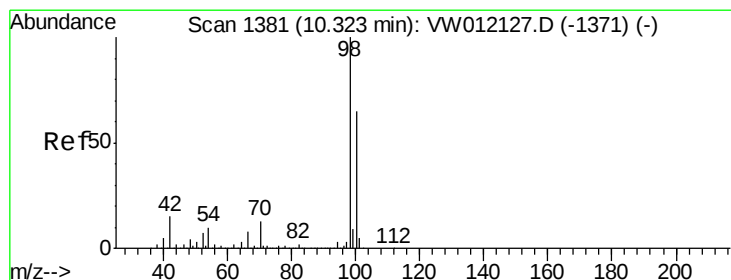
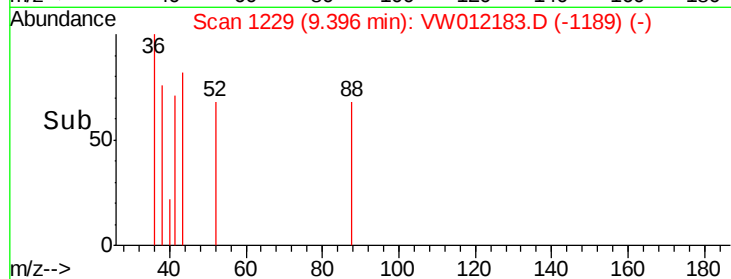
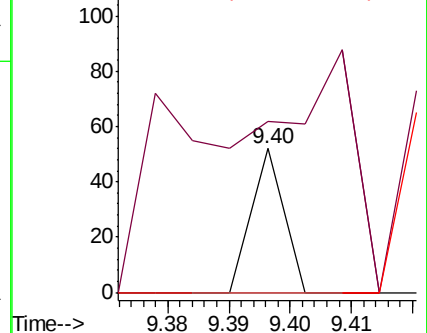
58 0.0 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.062 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012183.D

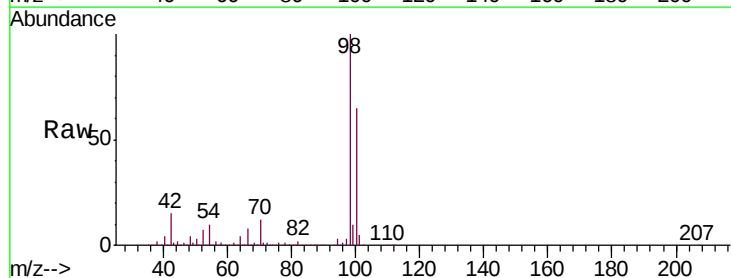
Acq: 26 Aug 2019 20:49

Tgt Ion: 98 Resp: 390602

Ion Ratio Lower Upper

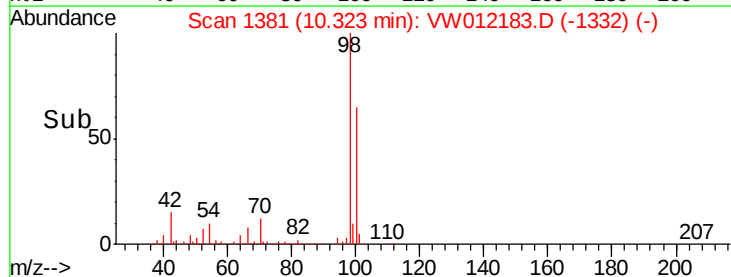
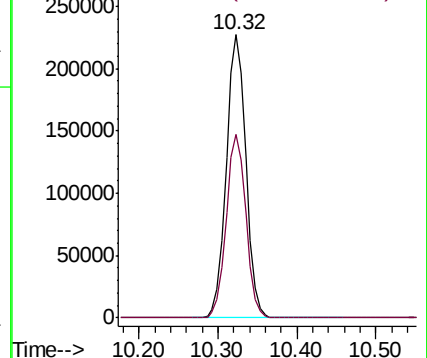
98 100

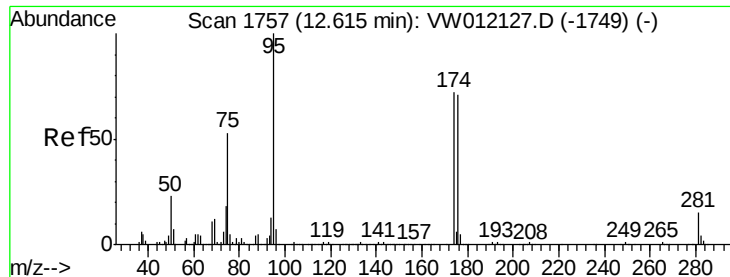
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

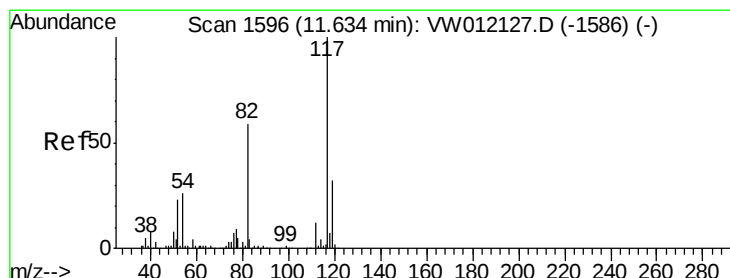
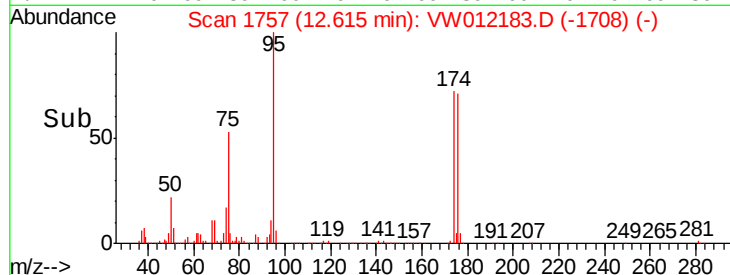
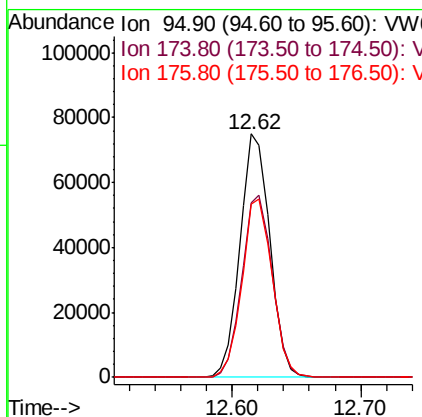
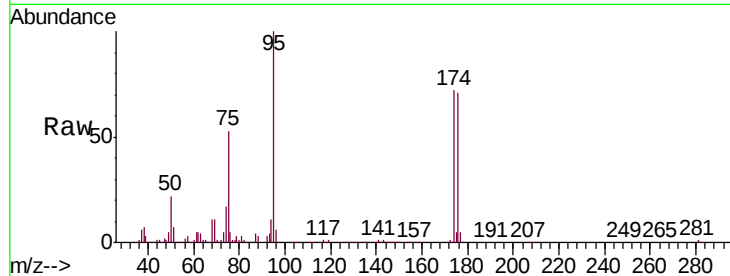




#62
4-Bromofluorobenzene
Concen: 43.710 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012183.D
Acq: 26 Aug 2019 20:49

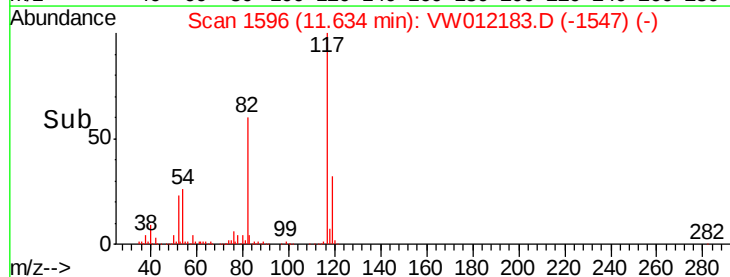
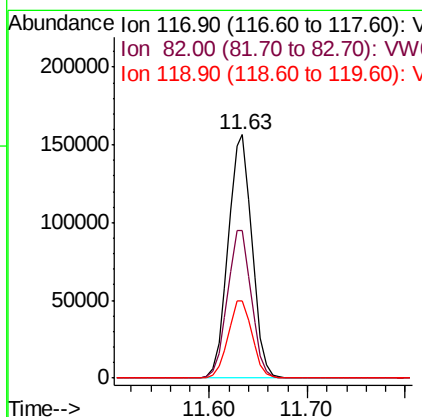
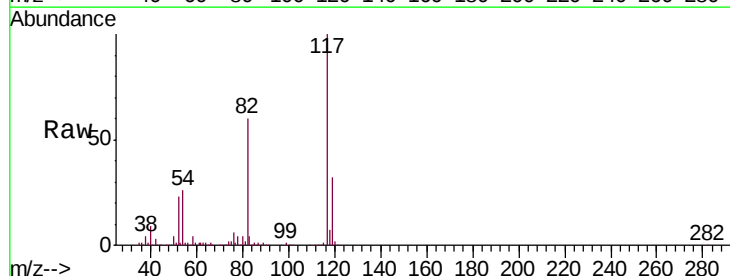
Instrument :
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FK-PS-01-056RE

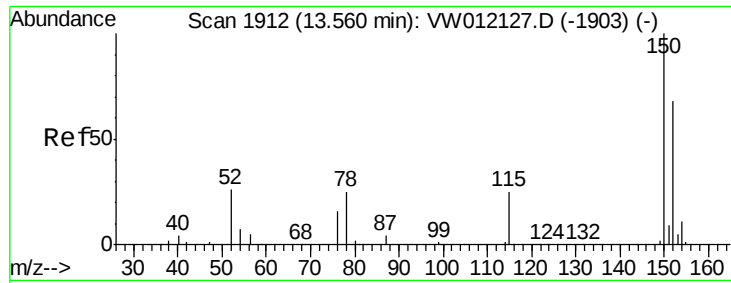
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.8
176	73.8	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012183.D
Acq: 26 Aug 2019 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.4	71.2
119	32.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012183.D

Acq: 26 Aug 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-056RE

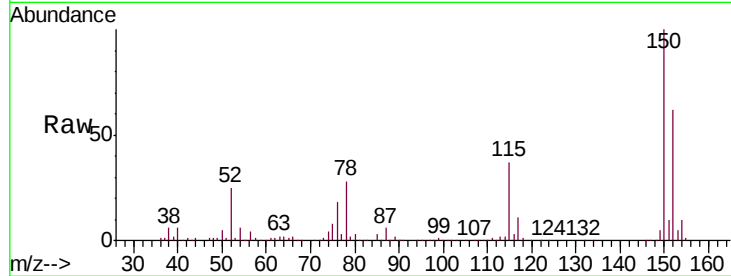
Tgt Ion:152 Resp: 103617

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

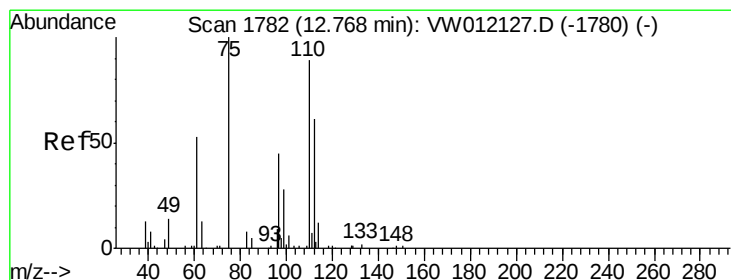
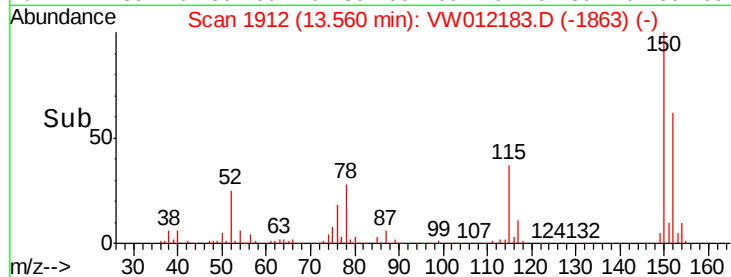
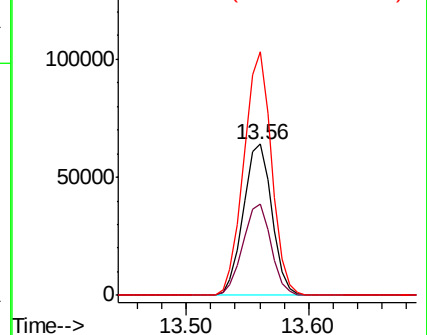
150 156.8 0.0 345.8



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: 64.266 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012183.D

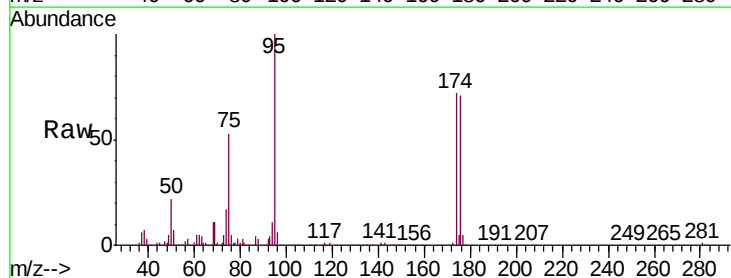
Acq: 26 Aug 2019 20:49

Tgt Ion: 75 Resp: 64854

Ion Ratio Lower Upper

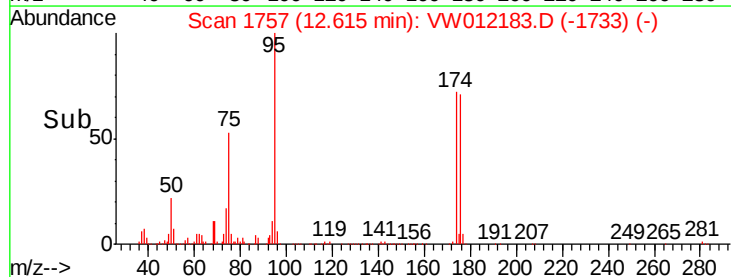
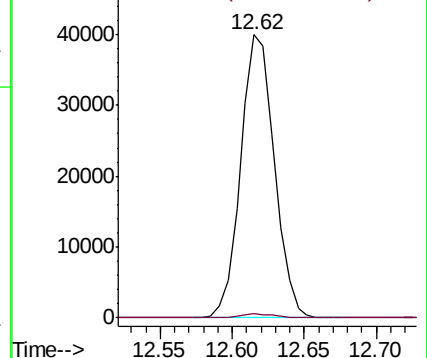
75 100

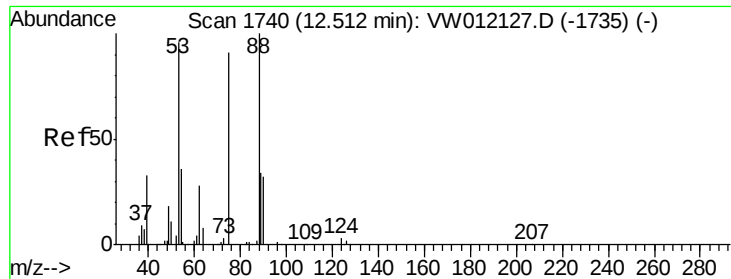
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

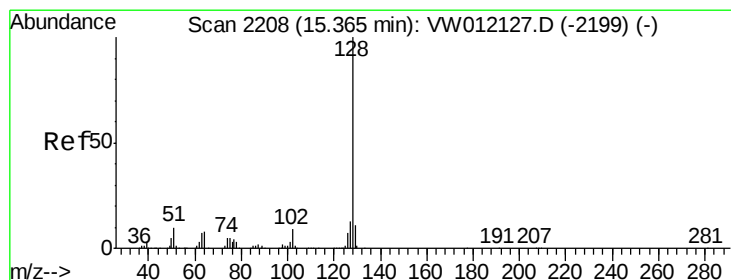
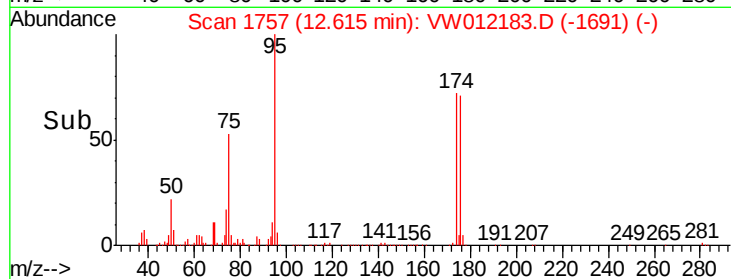
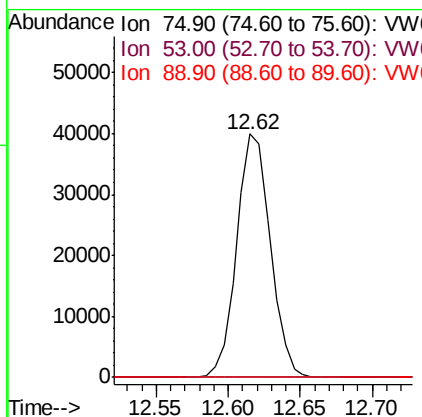
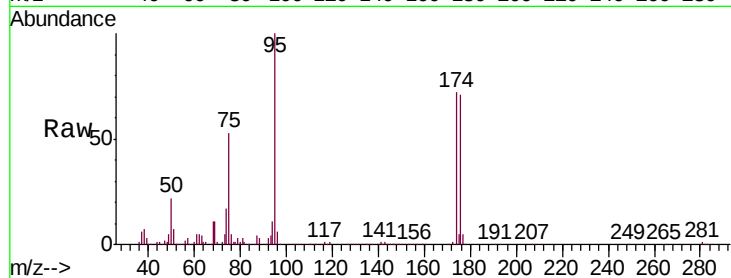




#81
trans-1,4-Dichloro-2-butene
Concen: 140.905 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012183.D
Acq: 26 Aug 2019 20:49

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-056RE

Tgt Ion: 75 Resp: 64854
Ion Ratio Lower Upper
75 100
53 0.2 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.394 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012183.D
Acq: 26 Aug 2019 20:49

Tgt Ion: 128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

