

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
 Data File : VW013501.D
 Acq On : 09 Oct 2019 14:01
 Operator : SY/VA
 Sample : K5284-02
 Misc : 4.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-EF-01-016-ABCD

Quant Time: Oct 10 02:39:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

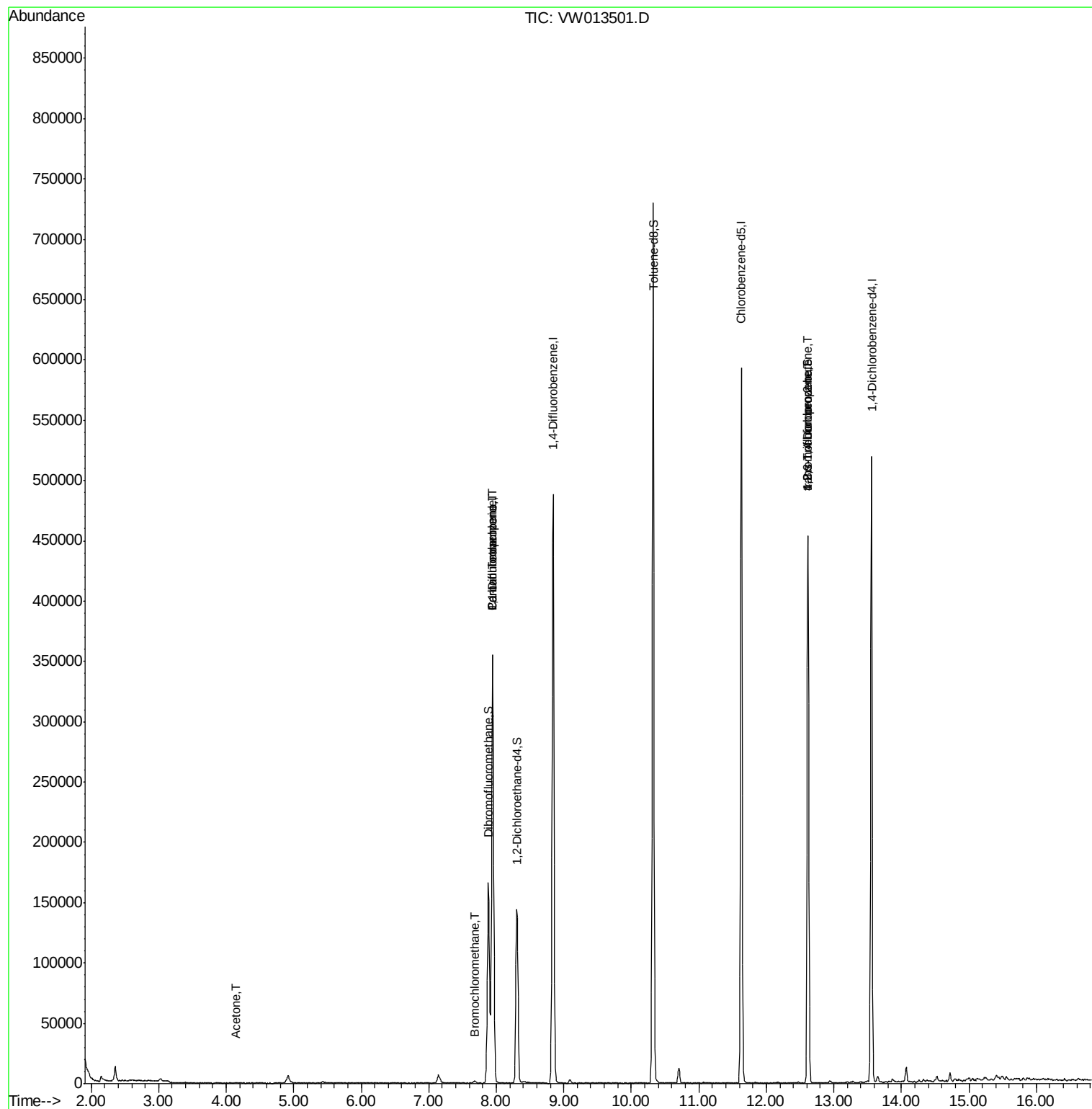
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	114043	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	7.88	113	121322	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.32	98	502239	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.62	95	151684	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.22	59	19	Below Cal	#	72
16) Acetone	4.15	43	763	1.426	ug/l #	86
20) Methylene Chloride	4.92	84	5149	Below Cal	#	95
28) Bromochloromethane	7.69	49	108	2.419	ug/l #	98
36) 1,1-Dichloropropene	7.95	75	18587	4.686	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25188	7.164	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	70774	56.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70774	115.941	ug/l #	14

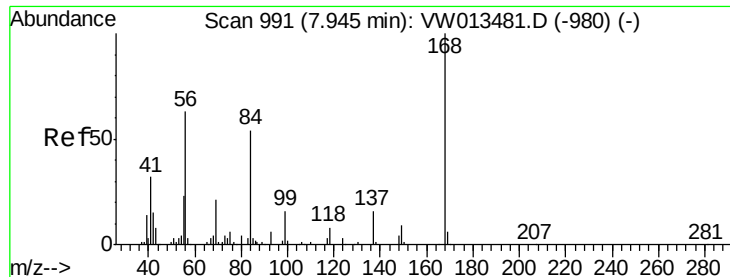
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
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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: VW013501.D

Acq: 09 Oct 2019 14:01

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MSVOA_W

ClientSampleId :

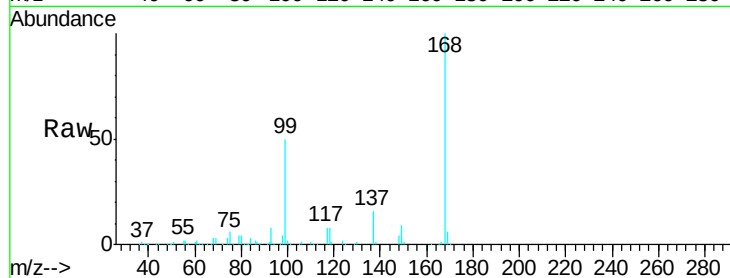
FK-EF-01-016-ABCD

Tgt Ion:168 Resp: 297660

Ion Ratio Lower Upper

168 100

99 50.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

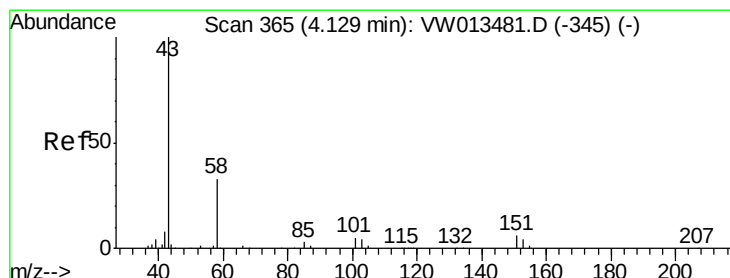
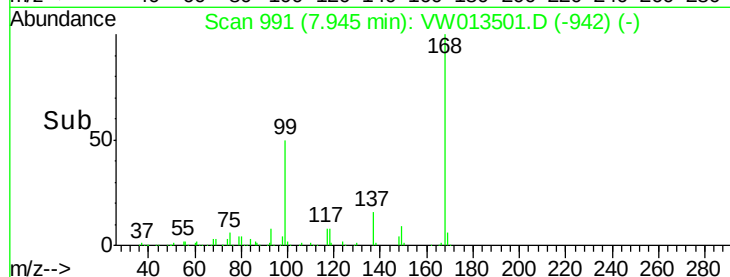
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.426 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW013501.D

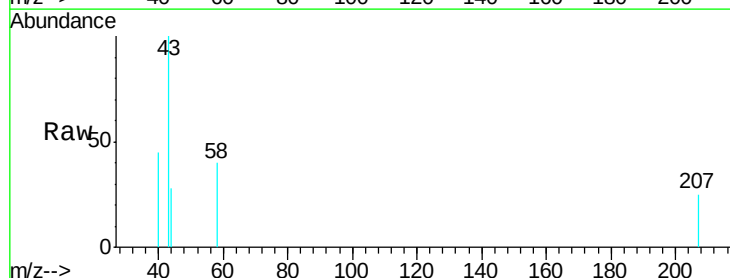
Acq: 09 Oct 2019 14:01

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

58 40.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

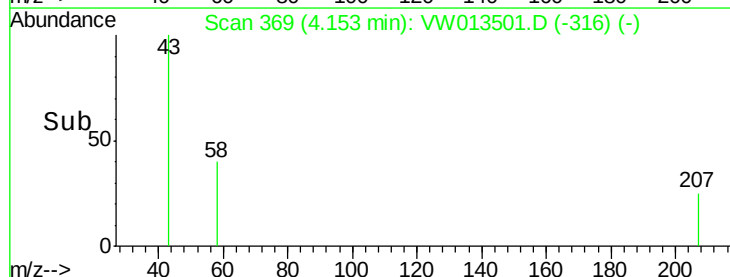
300

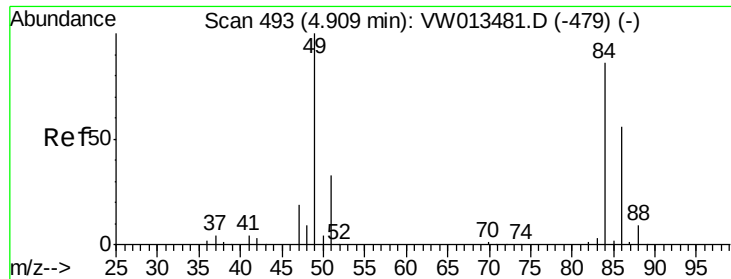
200

100

0

Time-->

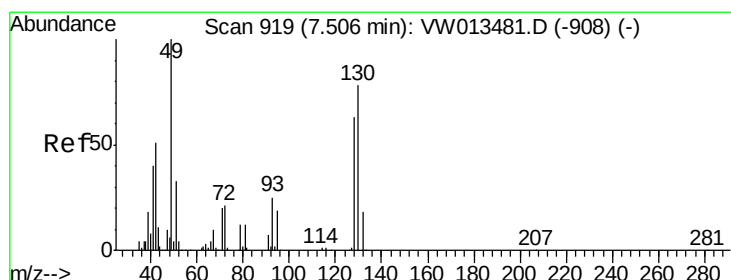
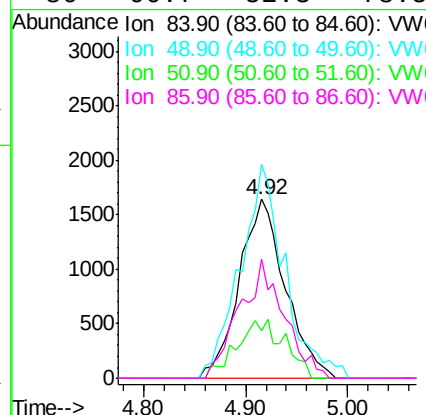
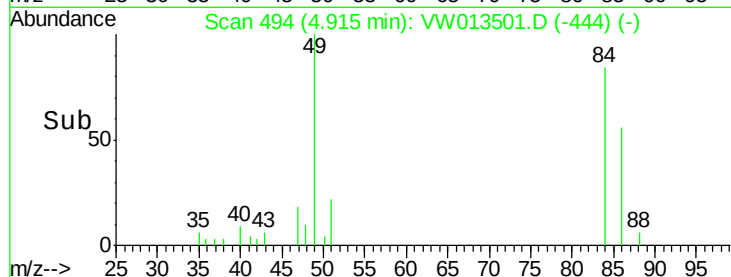
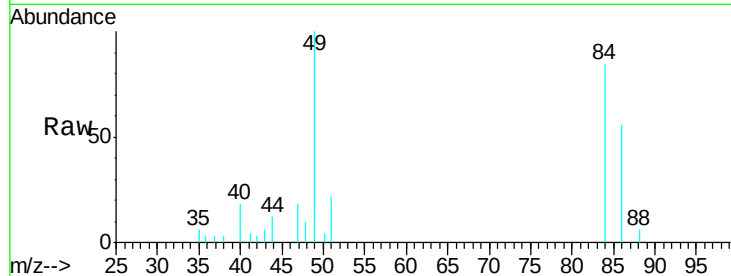




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

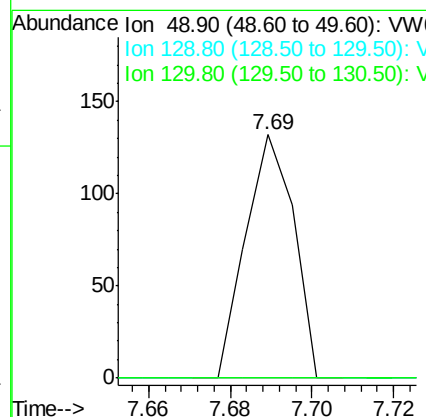
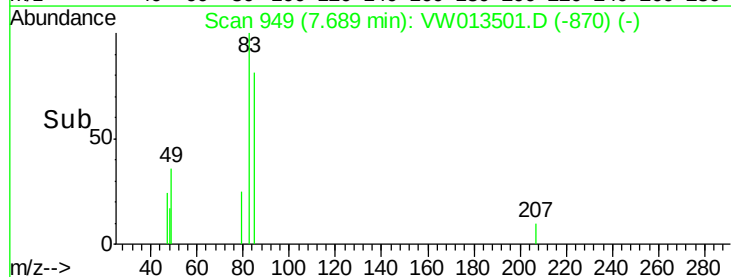
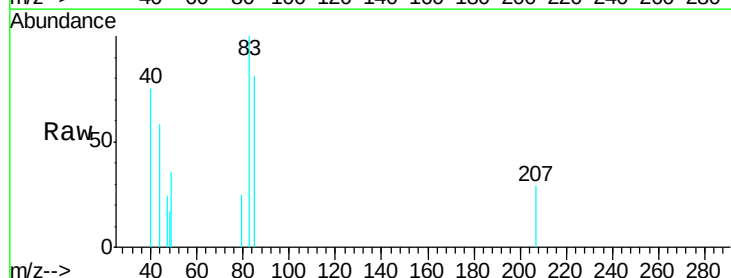
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FK-EF-01-016-ABCD

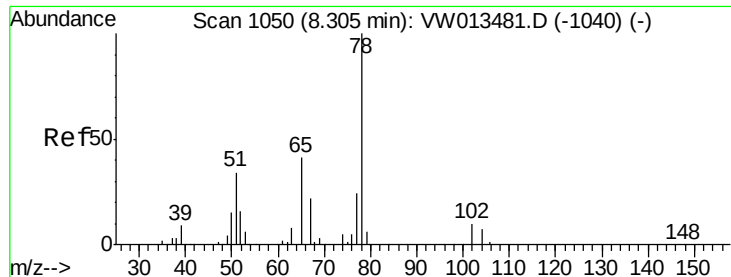
Tgt Ion:	84	Resp:	5149
Ion	Ratio	Lower	Upper
84	100		
49	119.4	93.4	140.0
51	26.7	30.6	46.0#
86	66.7	52.3	78.5



#28
Bromochloromethane
Concen: 2.419 ug/l
RT: 7.69 min Scan# 949
Delta R.T. 0.18 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

Tgt Ion:	49	Resp:	108
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	0.0	0.0	0.0

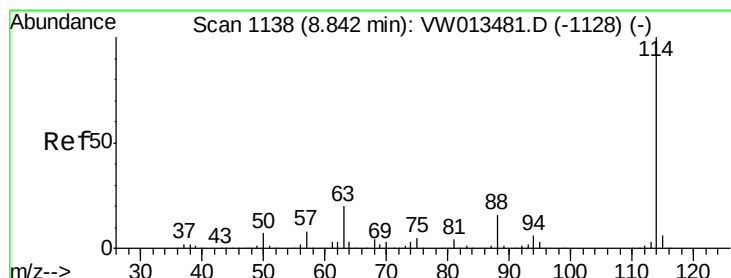
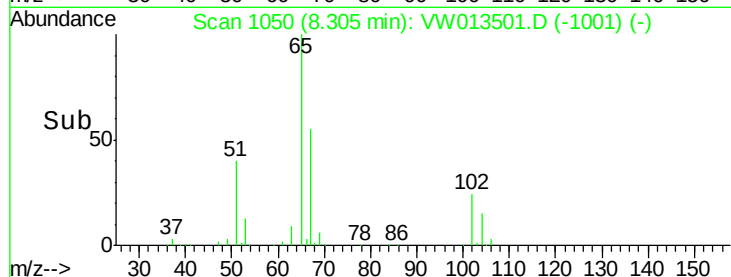
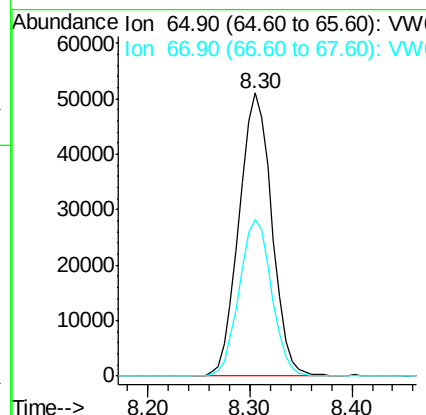
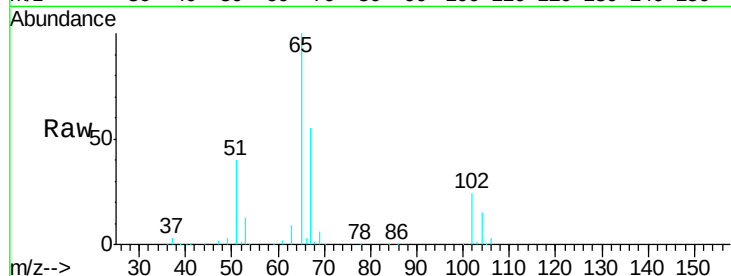




#33
 1,2-Dichloroethane-d4
 Concen: 49.590 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013501.D
 Acq: 09 Oct 2019 14:01

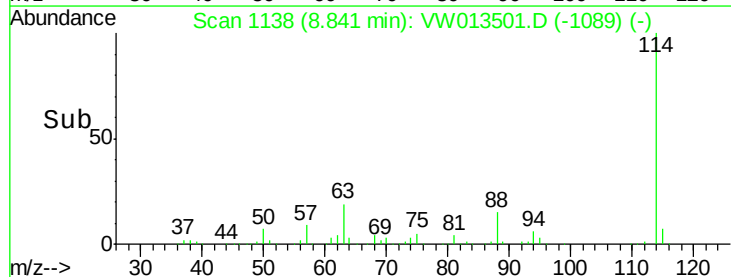
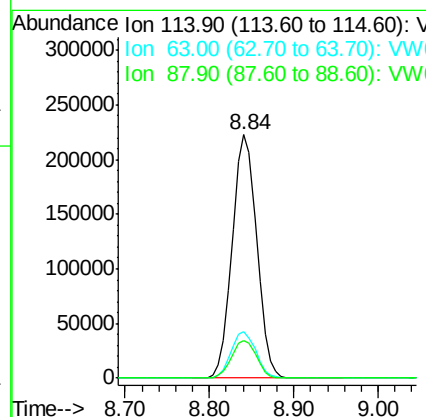
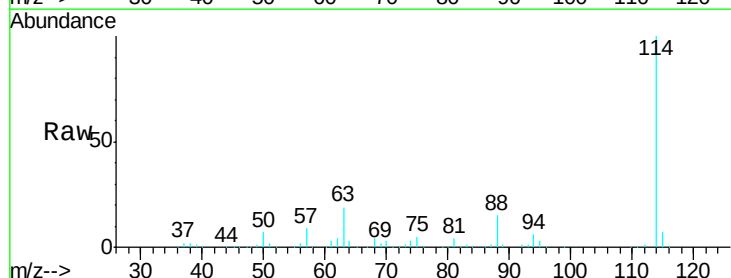
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-EF-01-016-ABCD

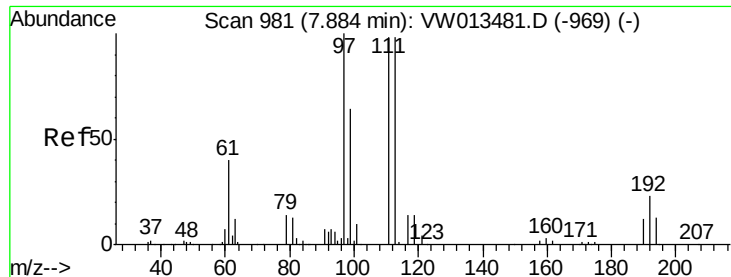
Tgt Ion: 65 Resp: 114043
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013501.D
 Acq: 09 Oct 2019 14:01

Tgt Ion: 114 Resp: 438459
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.542 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013501.D

Acq: 09 Oct 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

FK-EF-01-016-ABCD

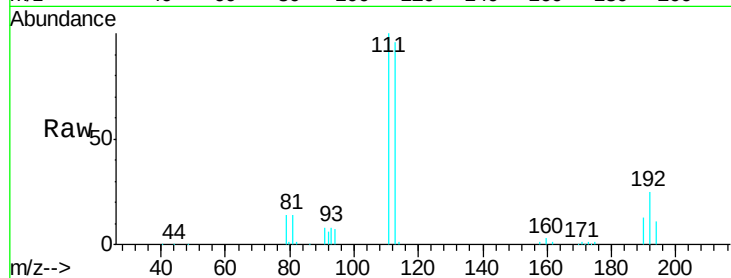
Tgt Ion: 113 Resp: 121322

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

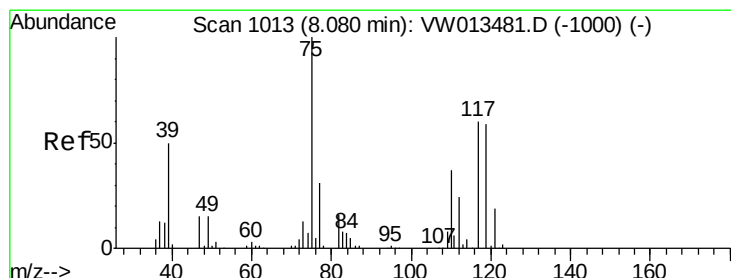
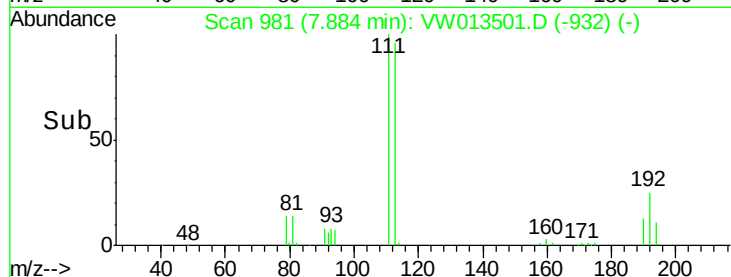
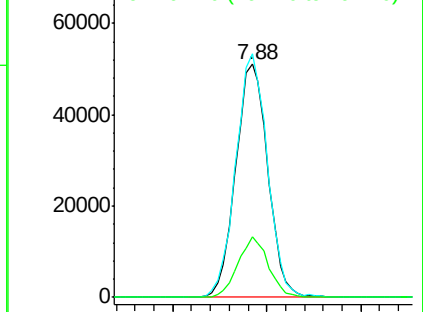
192 24.4 19.3 28.9



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: 4.686 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW013501.D

Acq: 09 Oct 2019 14:01

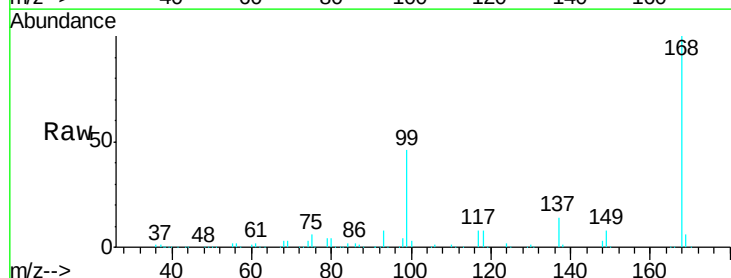
Tgt Ion: 75 Resp: 18587

Ion Ratio Lower Upper

75 100

110 10.8 18.4 55.2#

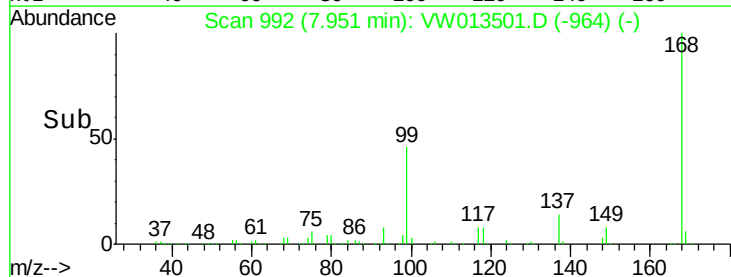
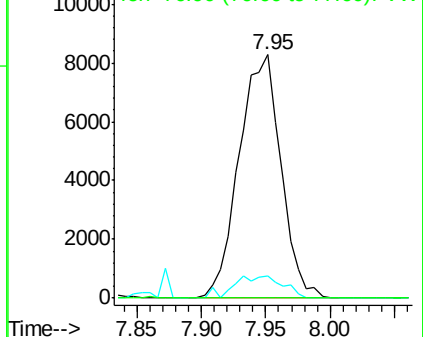
77 0.0 25.0 37.4#

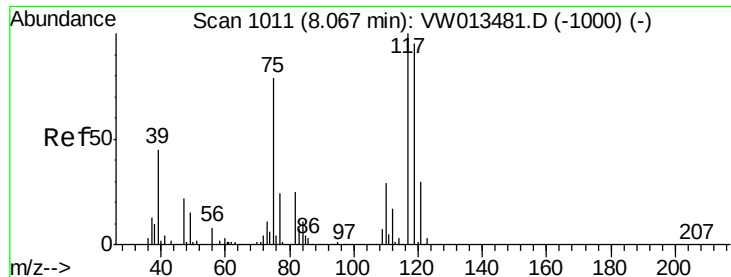


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

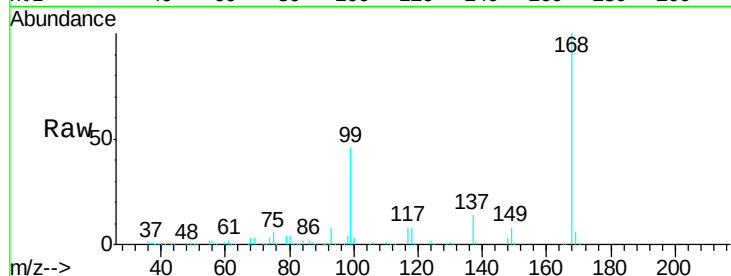




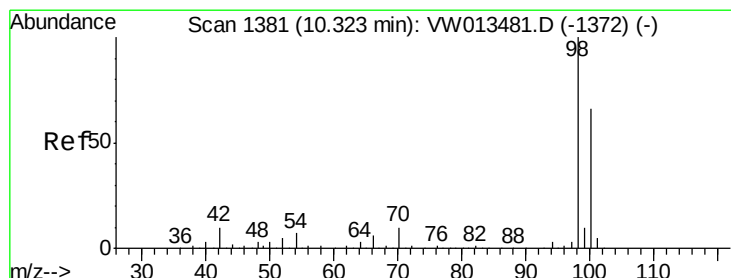
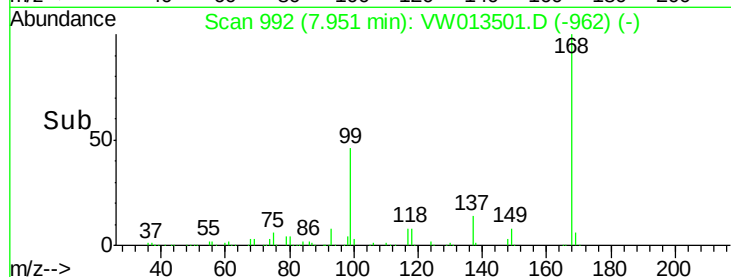
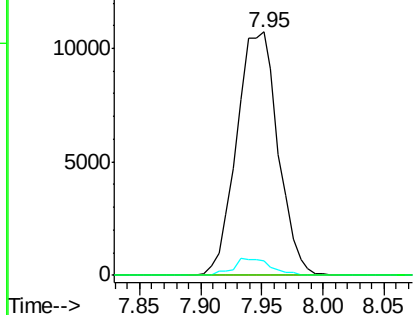
#38
Carbon Tetrachloride
Concen: 7.164 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

Instrument :
MSVOA_W
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:117 Resp: 25188
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 23.6 35.4#

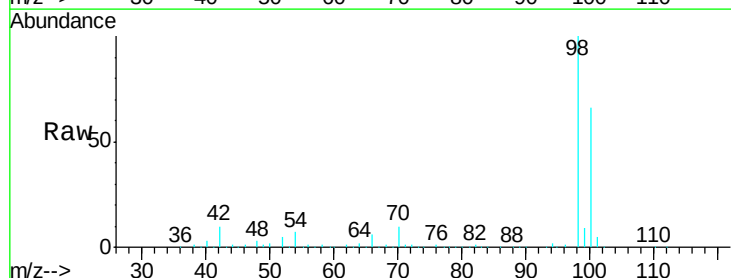


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

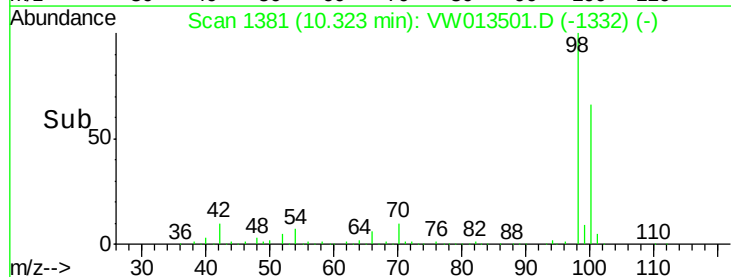
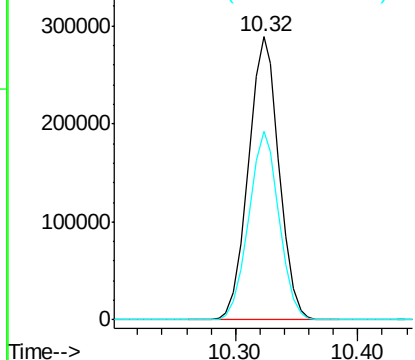


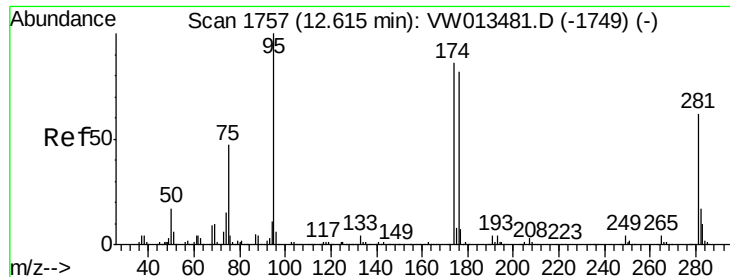
#50
Toluene-d8
Concen: 48.802 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

Tgt Ion: 98 Resp: 502239
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



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

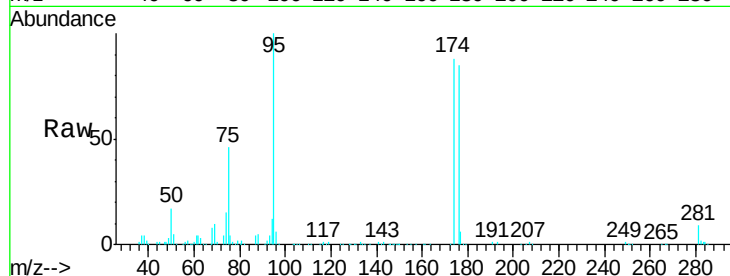




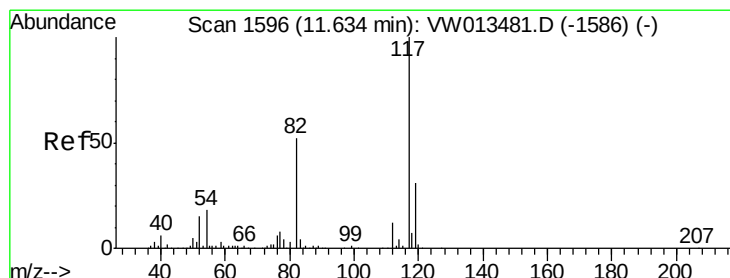
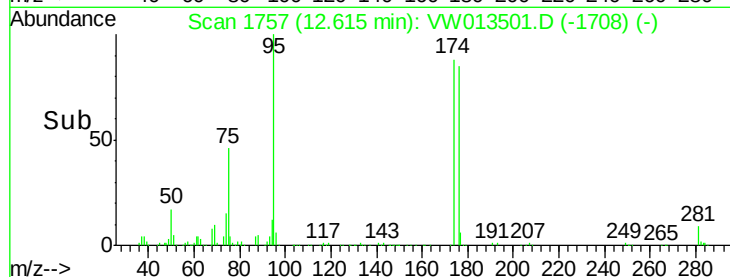
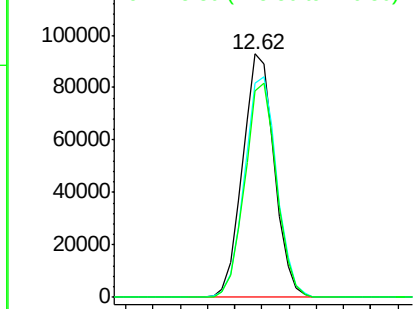
#62
4-Bromofluorobenzene
Concen: 43.875 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

Instrument :
MSVOA_W
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion: 95 Resp: 151684
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.4
176 88.3 0.0 173.4

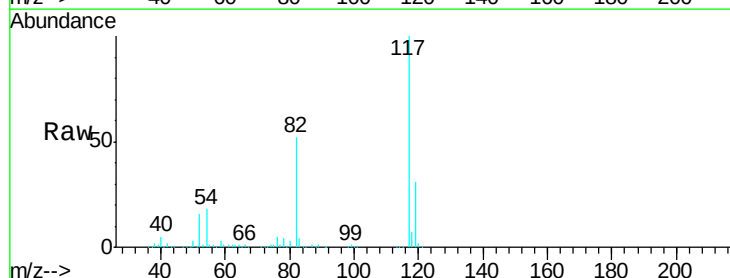


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

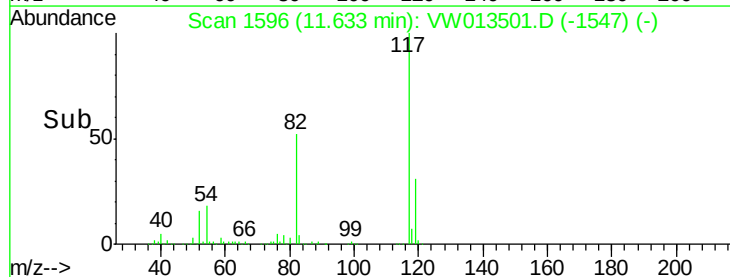
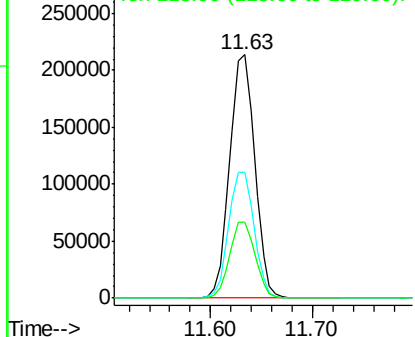


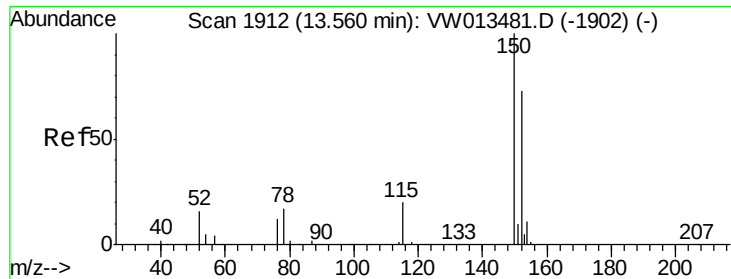
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013501.D
Acq: 09 Oct 2019 14:01

Tgt Ion: 117 Resp: 363120
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.5 25.1 37.7



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

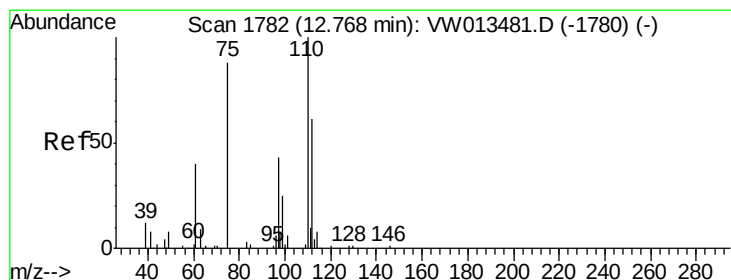
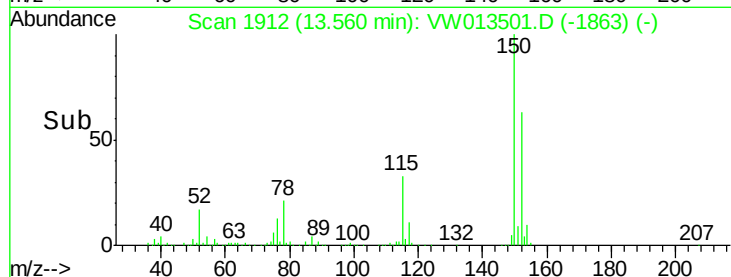
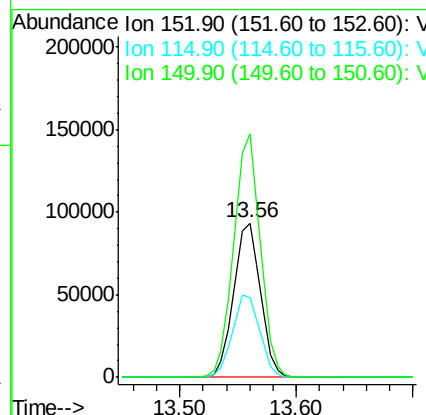
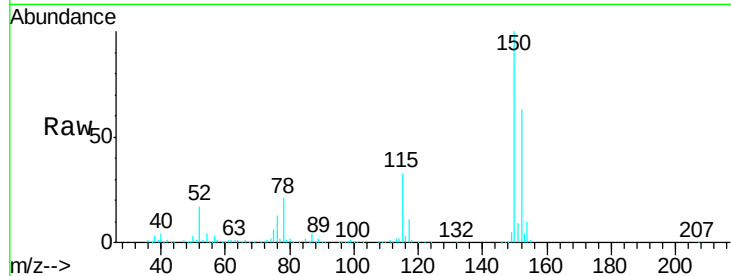




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW013501.D
 Acq: 09 Oct 2019 14:01

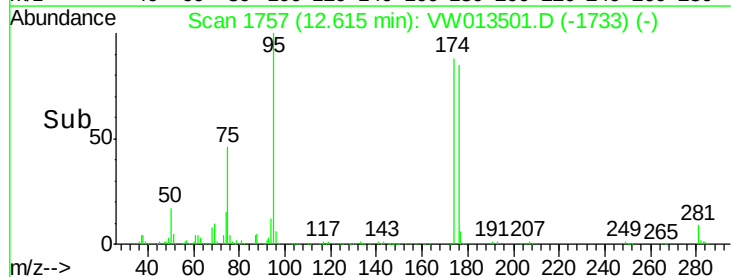
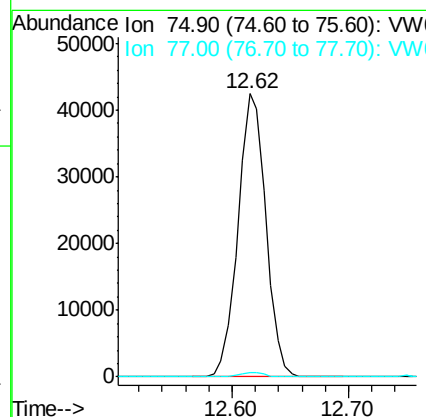
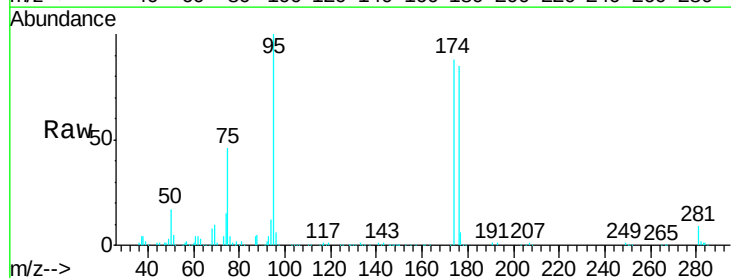
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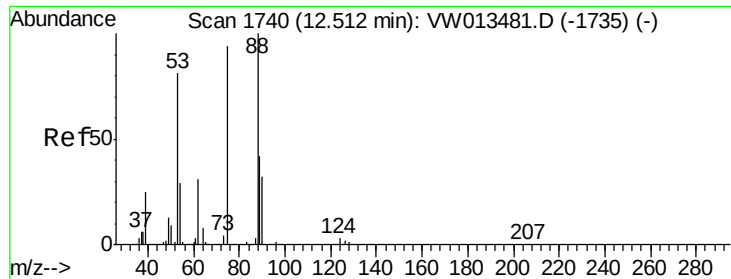
Tgt Ion: 152 Resp: 149824
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.0 81.0
 150 156.8 0.0 337.4



#76
 1,2,3-Trichloropropane
 Concen: 56.718 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013501.D
 Acq: 09 Oct 2019 14:01

Tgt Ion: 75 Resp: 70774
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 115.941 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013501.D

Acq: 09 Oct 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

FK-EF-01-016-ABCD

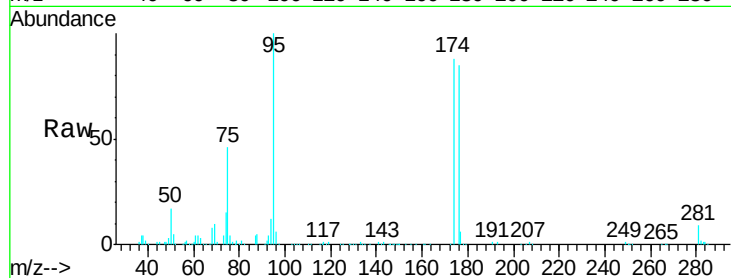
Tgt Ion: 75 Resp: 70774

Ion Ratio Lower Upper

75 100

53 0.0 71.0 106.6#

89 0.1 36.1 54.1#



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

