

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013393.D
 Acq On : 02 Oct 2019 21:40
 Operator : SY/VA
 Sample : K5168-03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190769-SS-COMPOSITE-9

Quant Time: Oct 03 07:05:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	255716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147580	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	107491	56.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	7.88	113	107433	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	10.32	98	442776	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	152079	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	

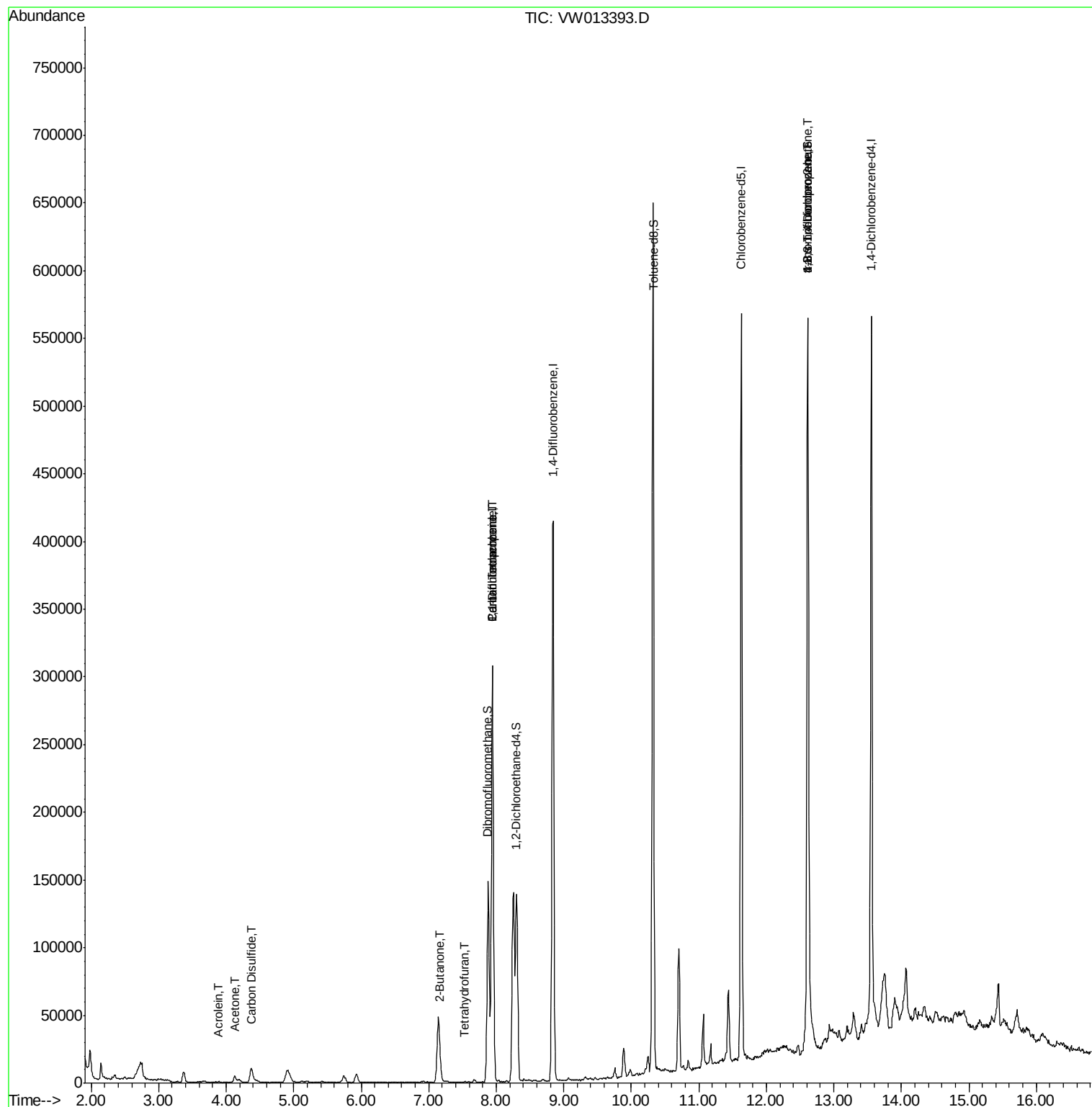
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	381	Below Cal	#	73
13) Acrolein	3.89	56	659	13.847	ug/l	91
16) Acetone	4.12	43	8908	15.221	ug/l	99
17) Carbon Disulfide	4.37	76	23951	3.647	ug/l	99
25) 2-Butanone	7.17	43	1938	2.588	ug/l #	80
26) 2,2-Dichloropropane	7.13	77	3748	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	84	9.879	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	16323	4.650	ug/l #	47
38) Carbon Tetrachloride	7.94	117	21869	7.192	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	65739	50.119	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65739	101.826	ug/l #	12

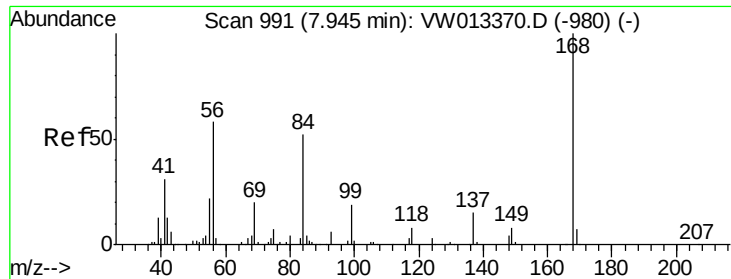
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013393.D

Acq: 02 Oct 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

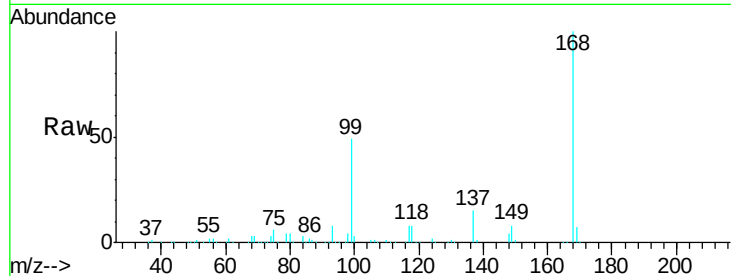
20190769-SS-COMPOSITE-9

Tgt Ion: 168 Resp: 255716

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

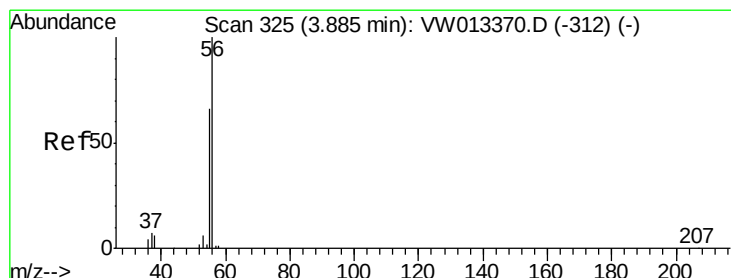
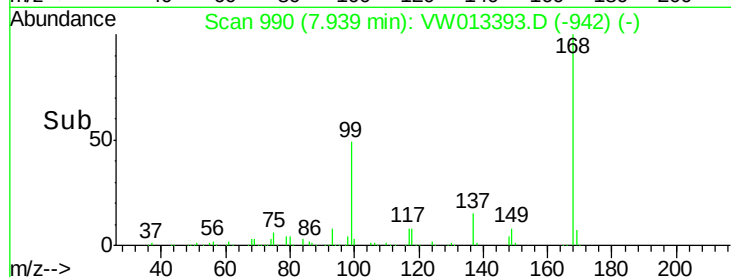
7.94

100000

50000

0

Time--> 7.80 7.90 8.00



#13

Acrolein

Concen: 13.847 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013393.D

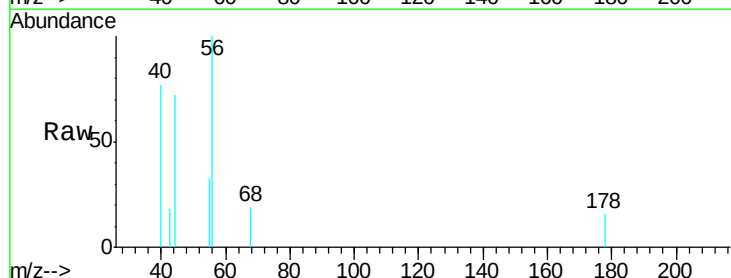
Acq: 02 Oct 2019 21:40

Tgt Ion: 56 Resp: 659

Ion Ratio Lower Upper

56 100

55 61.8 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

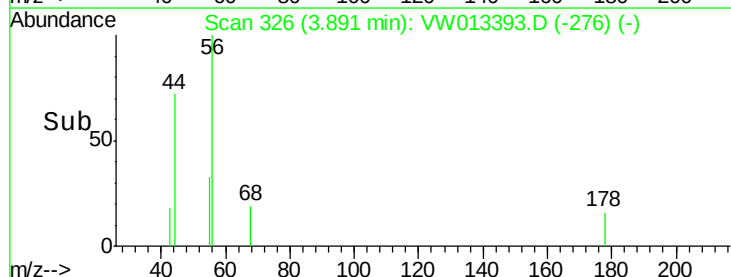
300

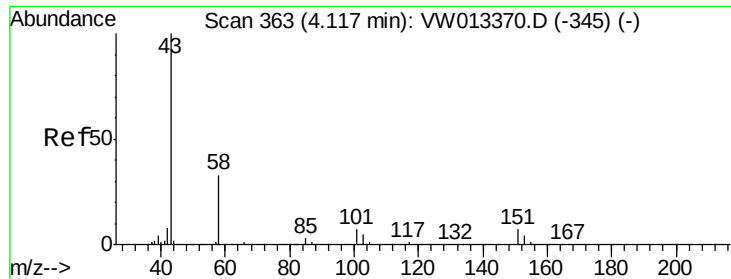
200

100

0

Time--> 3.85 3.90 3.95

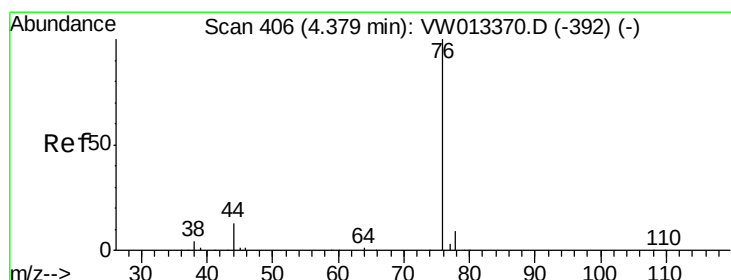
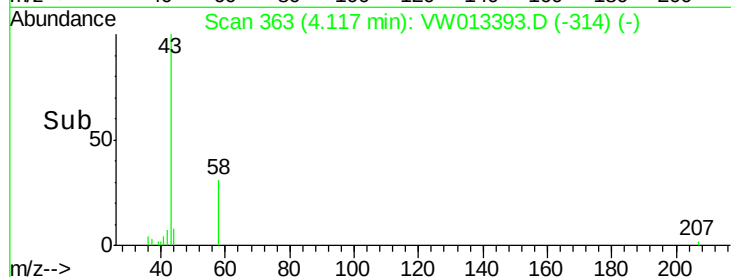
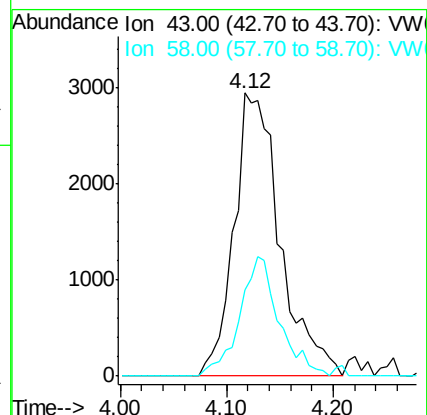
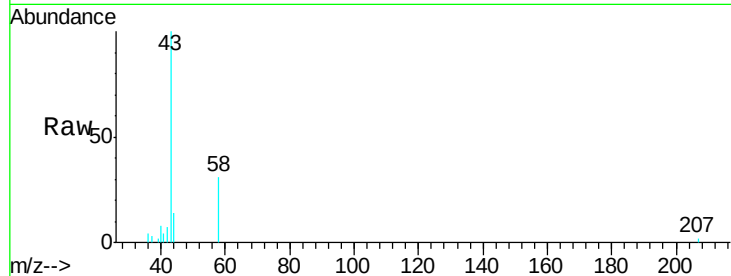




#16
Acetone
Concen: 15.221 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

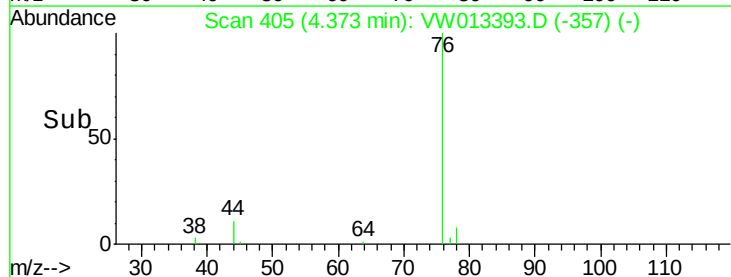
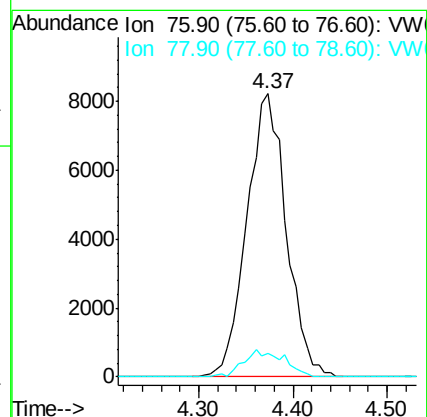
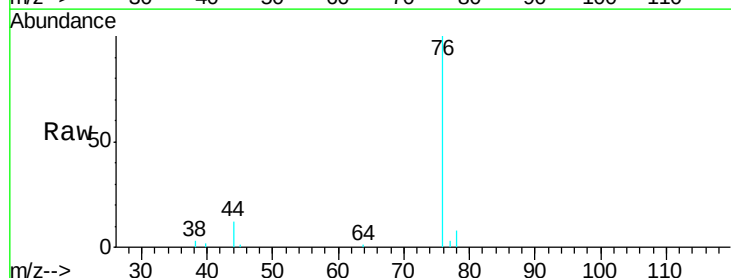
Instrument :
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20190769-SS-COMPOSITE-9

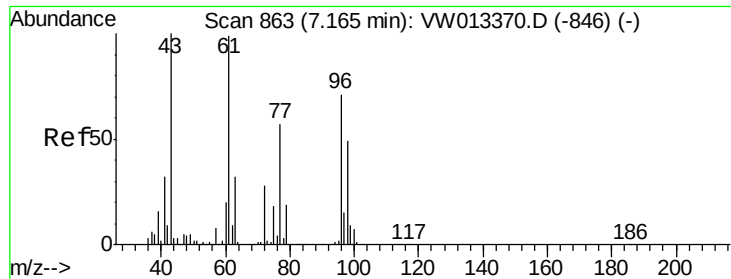
Tgt Ion: 43 Resp: 8908
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1



#17
Carbon Disulfide
Concen: 3.647 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

Tgt Ion: 76 Resp: 23951
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4





#25

2-Butanone

Concen: 2.588 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013393.D

Acq: 02 Oct 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

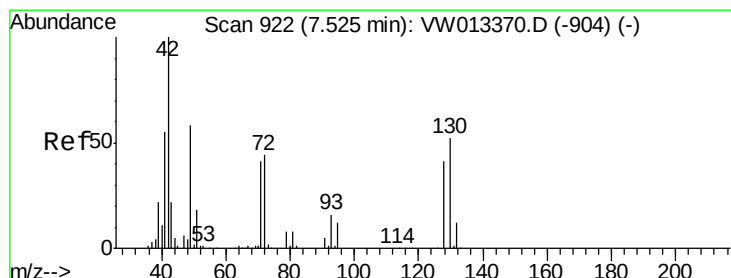
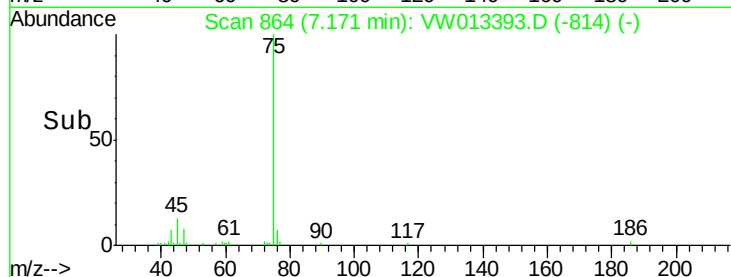
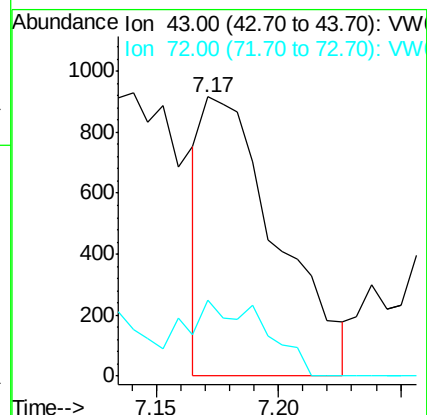
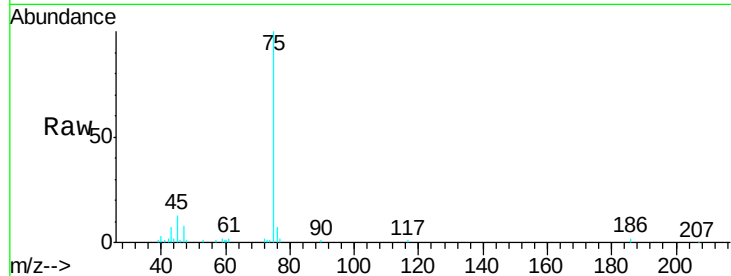
20190769-SS-COMPOSITE-9

Tgt Ion: 43 Resp: 1938

Ion Ratio Lower Upper

43 100

72 34.0 19.4 29.0#



#29

Tetrahydrofuran

Concen: 9.879 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW013393.D

Acq: 02 Oct 2019 21:40

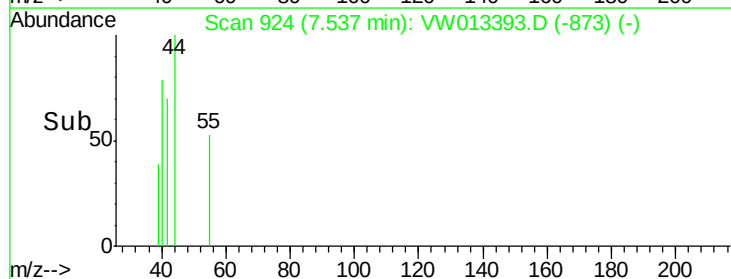
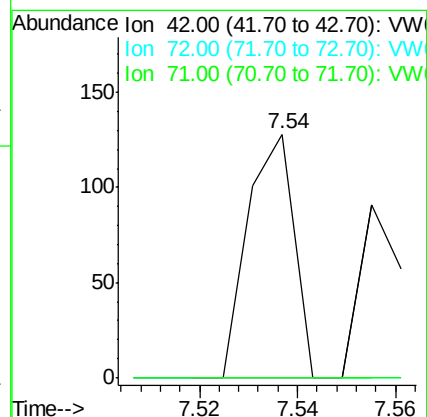
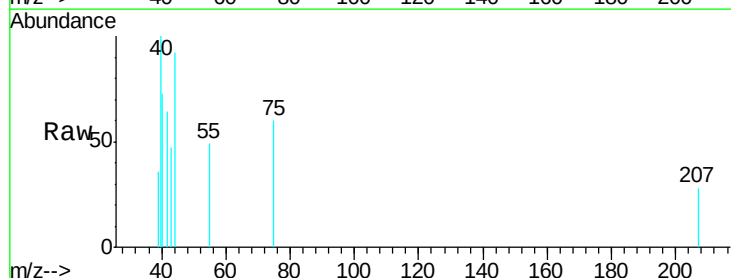
Tgt Ion: 42 Resp: 84

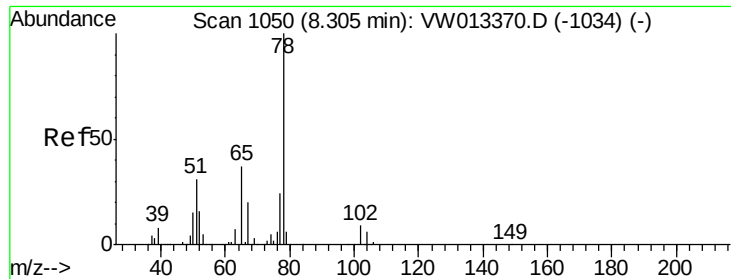
Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

71 0.0 31.9 47.9#

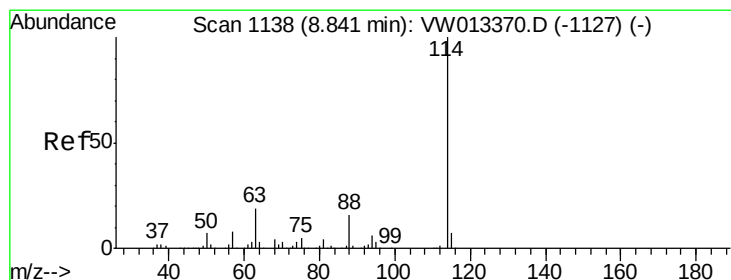
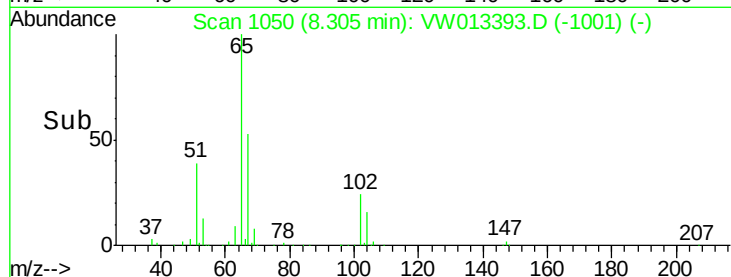
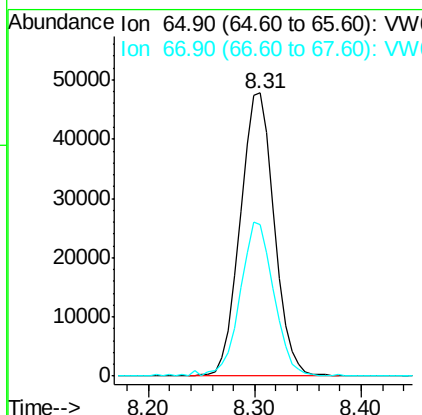
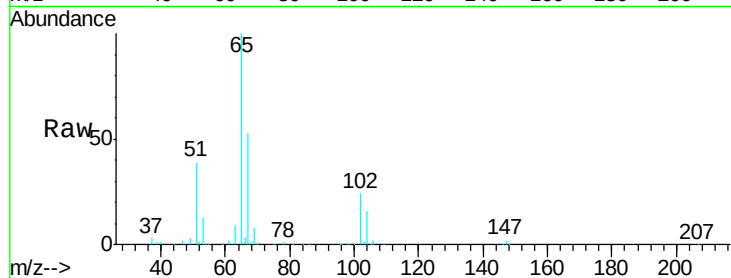




#33
 1,2-Dichloroethane-d4
 Concen: 56.297 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013393.D
 Acq: 02 Oct 2019 21:40

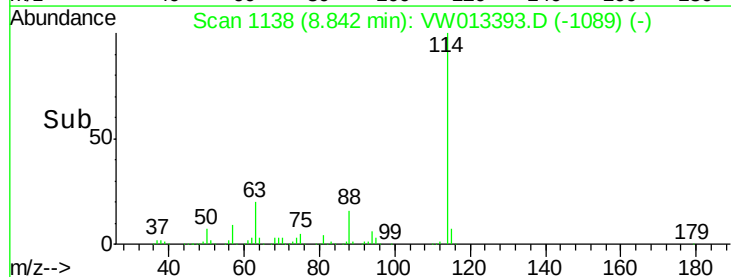
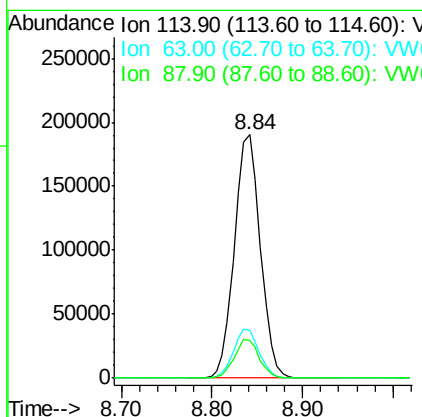
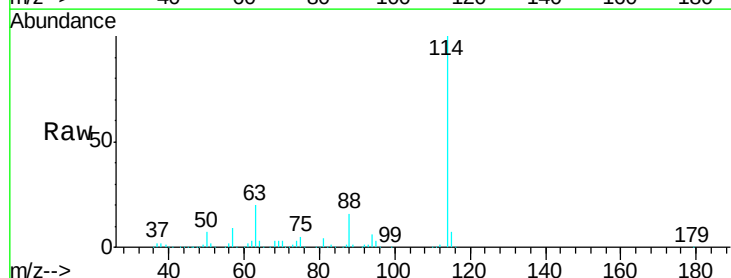
Instrument :
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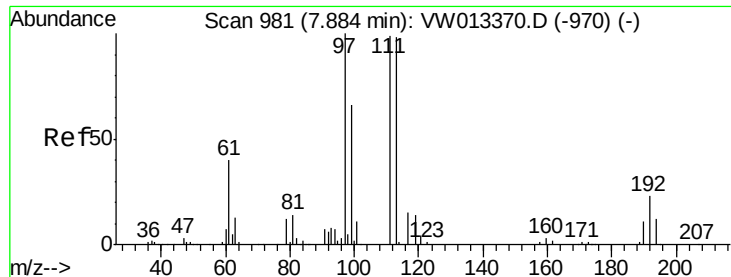
Tgt Ion: 65 Resp: 107491
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013393.D
 Acq: 02 Oct 2019 21:40

Tgt Ion: 114 Resp: 377945
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 32.0

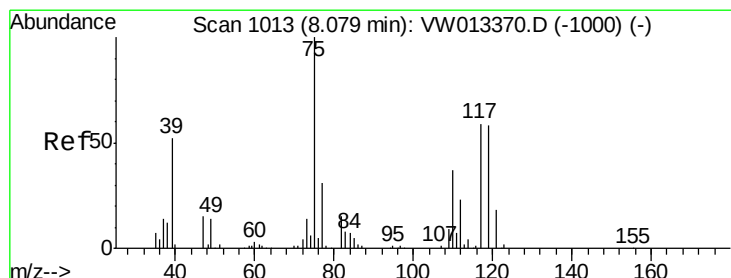
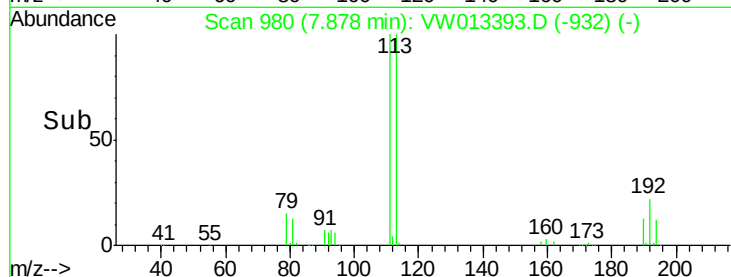
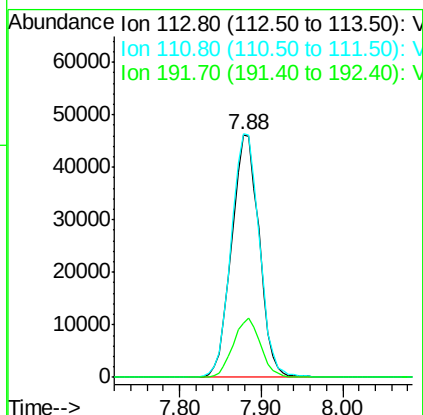
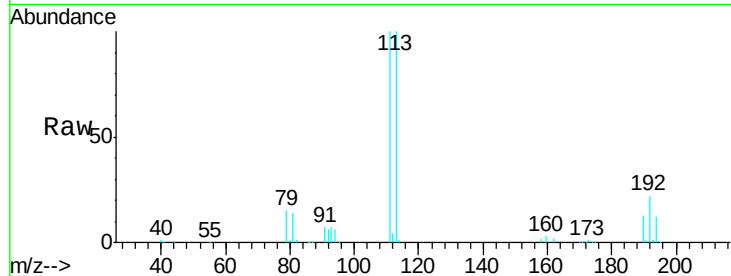




#35
 Dibromofluoromethane
 Concen: 54.172 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013393.D
 Acq: 02 Oct 2019 21:40

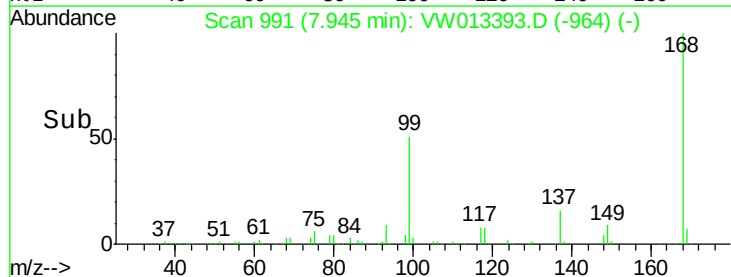
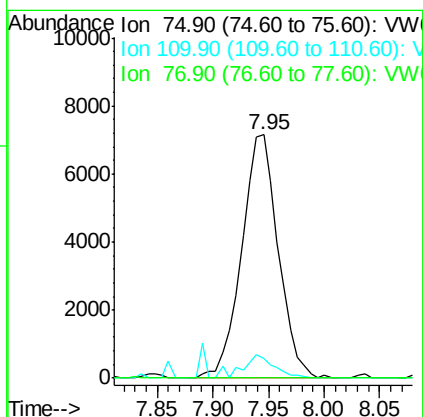
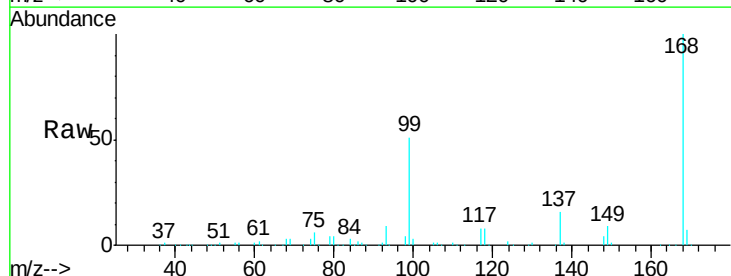
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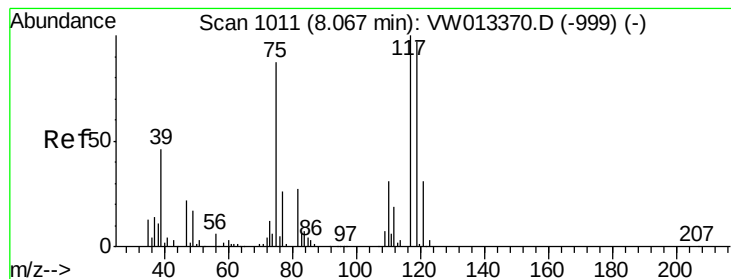
Tgt Ion:113 Resp: 107433
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.650 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013393.D
 Acq: 02 Oct 2019 21:40

Tgt Ion: 75 Resp: 16323
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.1 54.3#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 7.192 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013393.D

Acq: 02 Oct 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

20190769-SS-COMPOSITE-9

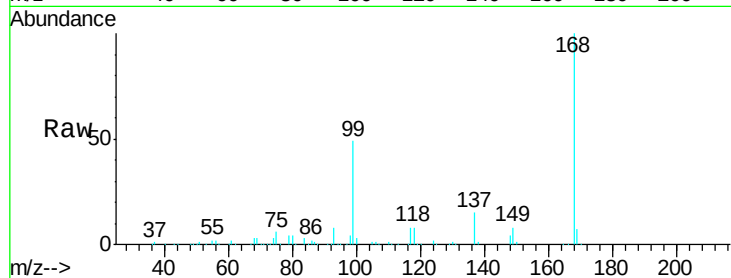
Tgt Ion: 117 Resp: 21869

Ion Ratio Lower Upper

117 100

119 4.6 73.5 110.3#

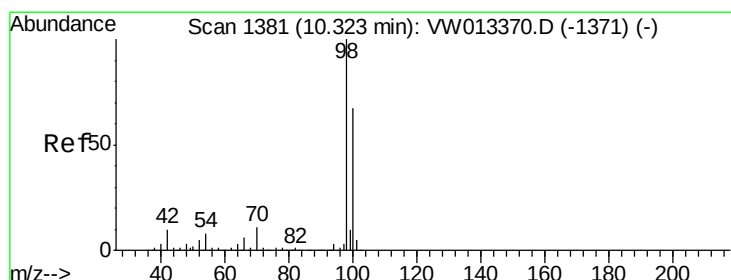
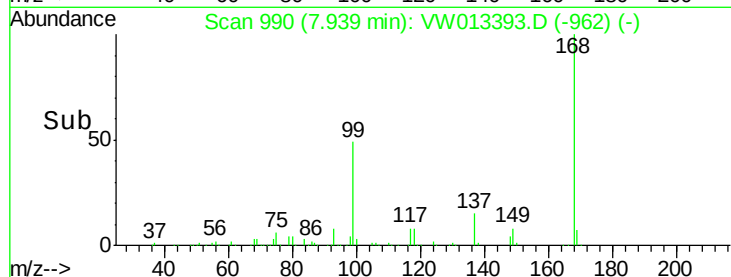
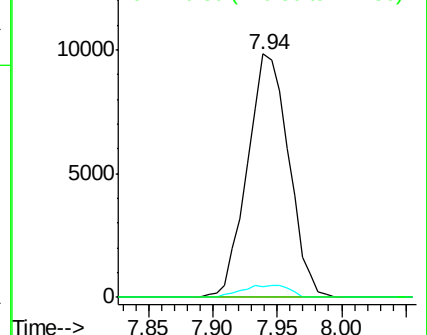
121 0.0 25.0 37.6#



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: 53.802 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013393.D

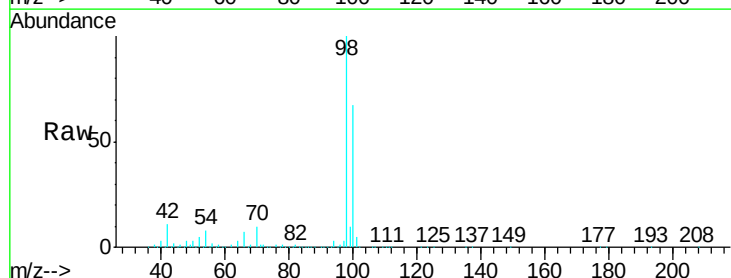
Acq: 02 Oct 2019 21:40

Tgt Ion: 98 Resp: 442776

Ion Ratio Lower Upper

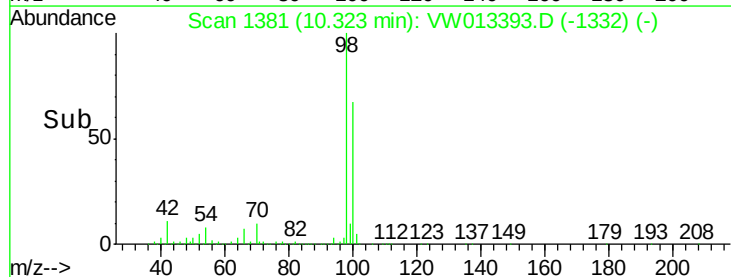
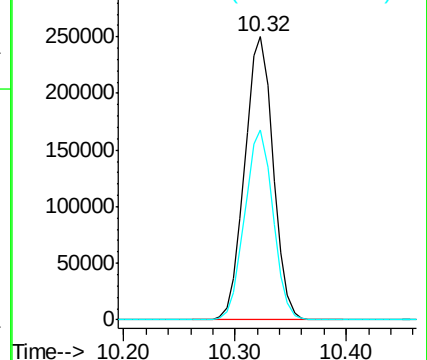
98 100

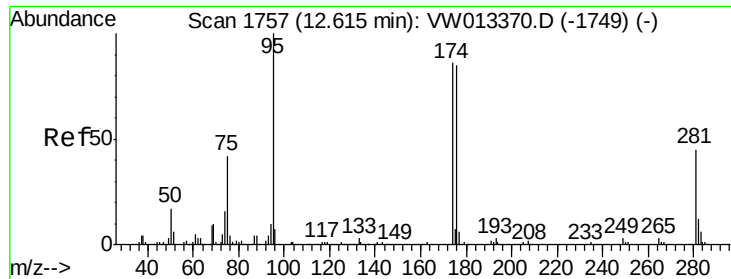
100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

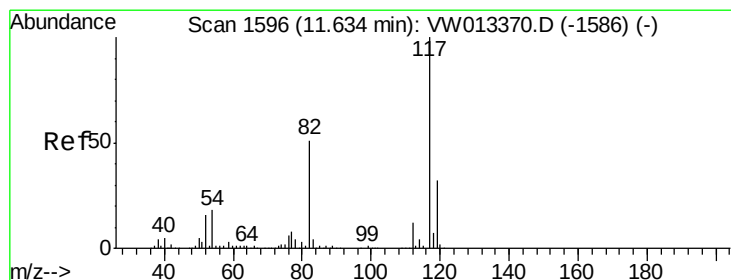
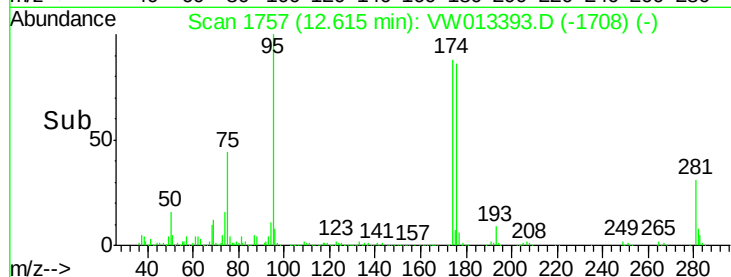
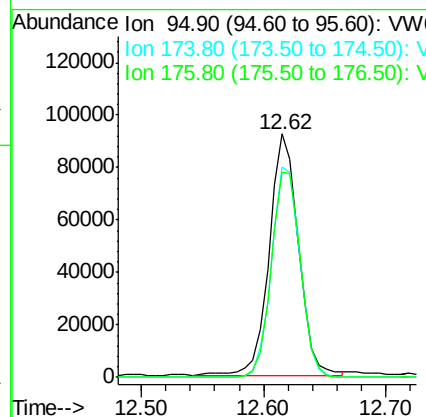
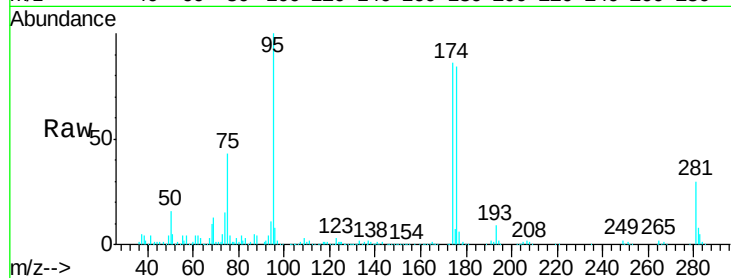




#62
4-Bromofluorobenzene
Concen: 55.337 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

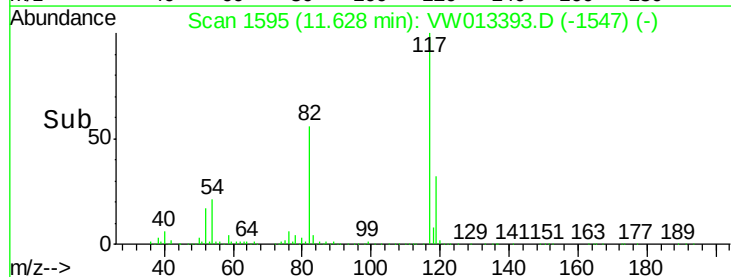
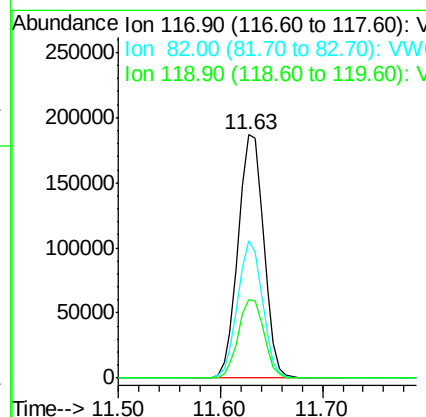
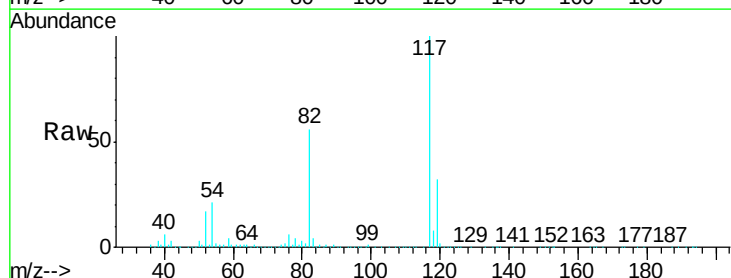
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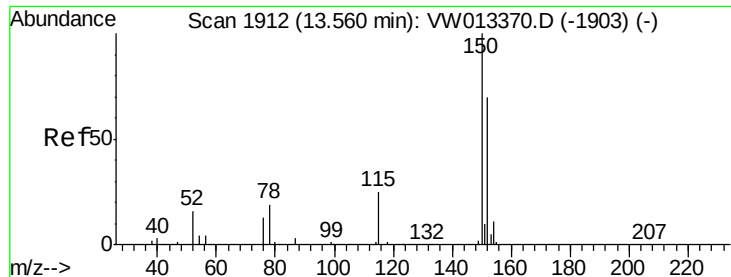
Tgt Ion: 95 Resp: 152079
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.4
176 85.3 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

Tgt Ion: 117 Resp: 323565
Ion Ratio Lower Upper
117 100
82 56.0 45.9 68.9
119 32.3 26.2 39.2



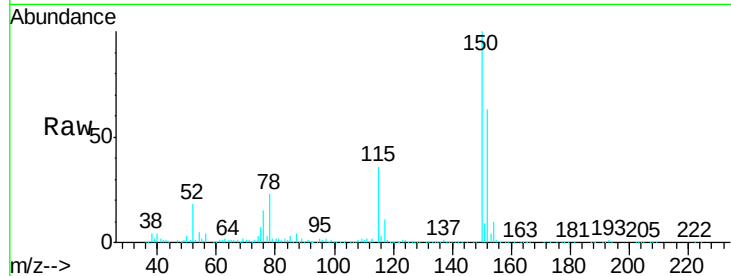


#72

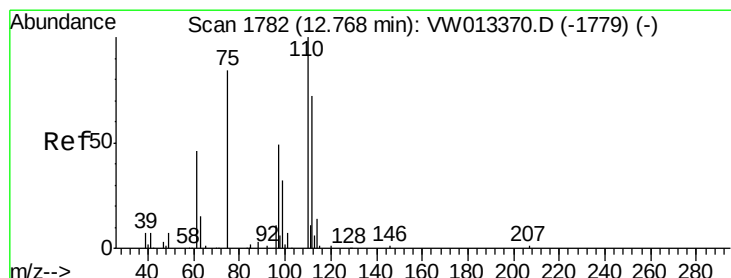
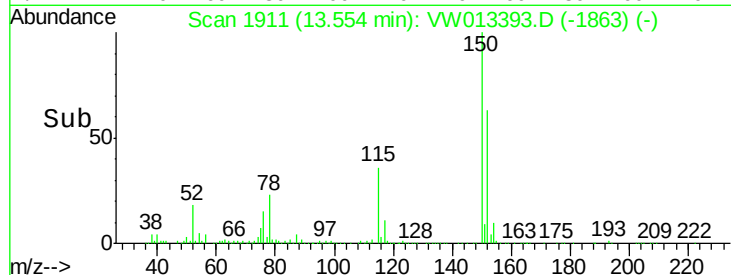
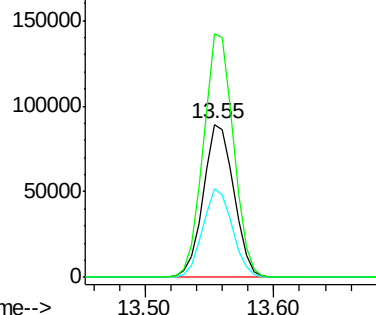
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

Instrument :
MSVOA_W
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:152 Resp: 147580
Ion Ratio Lower Upper
152 100
115 55.5 27.3 81.9
150 157.1 0.0 349.0



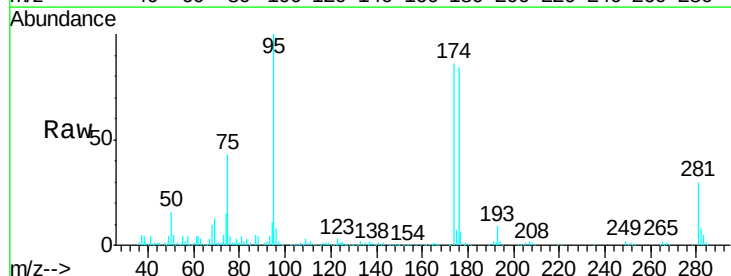
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



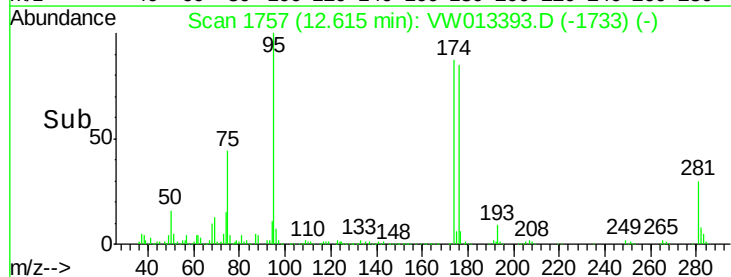
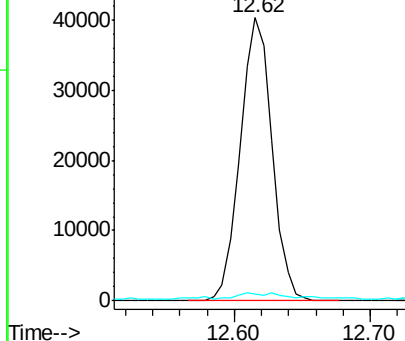
#76

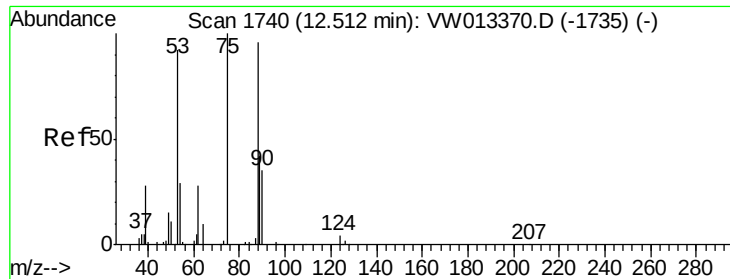
1,2,3-Trichloropropane
Concen: 50.119 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013393.D
Acq: 02 Oct 2019 21:40

Tgt Ion: 75 Resp: 65739
Ion Ratio Lower Upper
75 100
77 3.2 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: 101.826 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013393.D

Acq: 02 Oct 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

20190769-SS-COMPOSITE-9

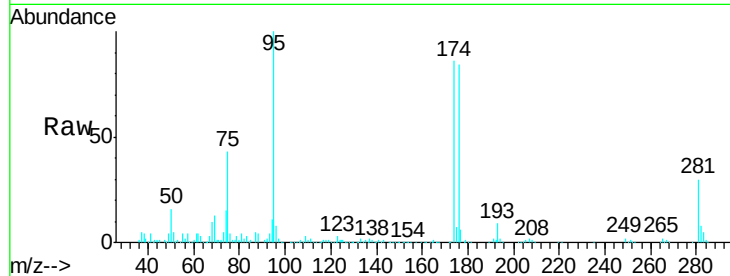
Tgt Ion: 75 Resp: 65739

Ion Ratio Lower Upper

75 100

53 0.3 76.6 114.8#

89 0.4 33.5 50.3#



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

