

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013392.D
 Acq On : 02 Oct 2019 21:14
 Operator : SY/VA
 Sample : K5168-02
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190764-SS-COMPOSITE-4

Quant Time: Oct 03 07:05:18 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	7.95	168	301452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175993	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	128166	56.94	ug/l	0.00
Spiked Amount			Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	127795	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
50) Toluene-d8	10.32	98	520555	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	169541	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	

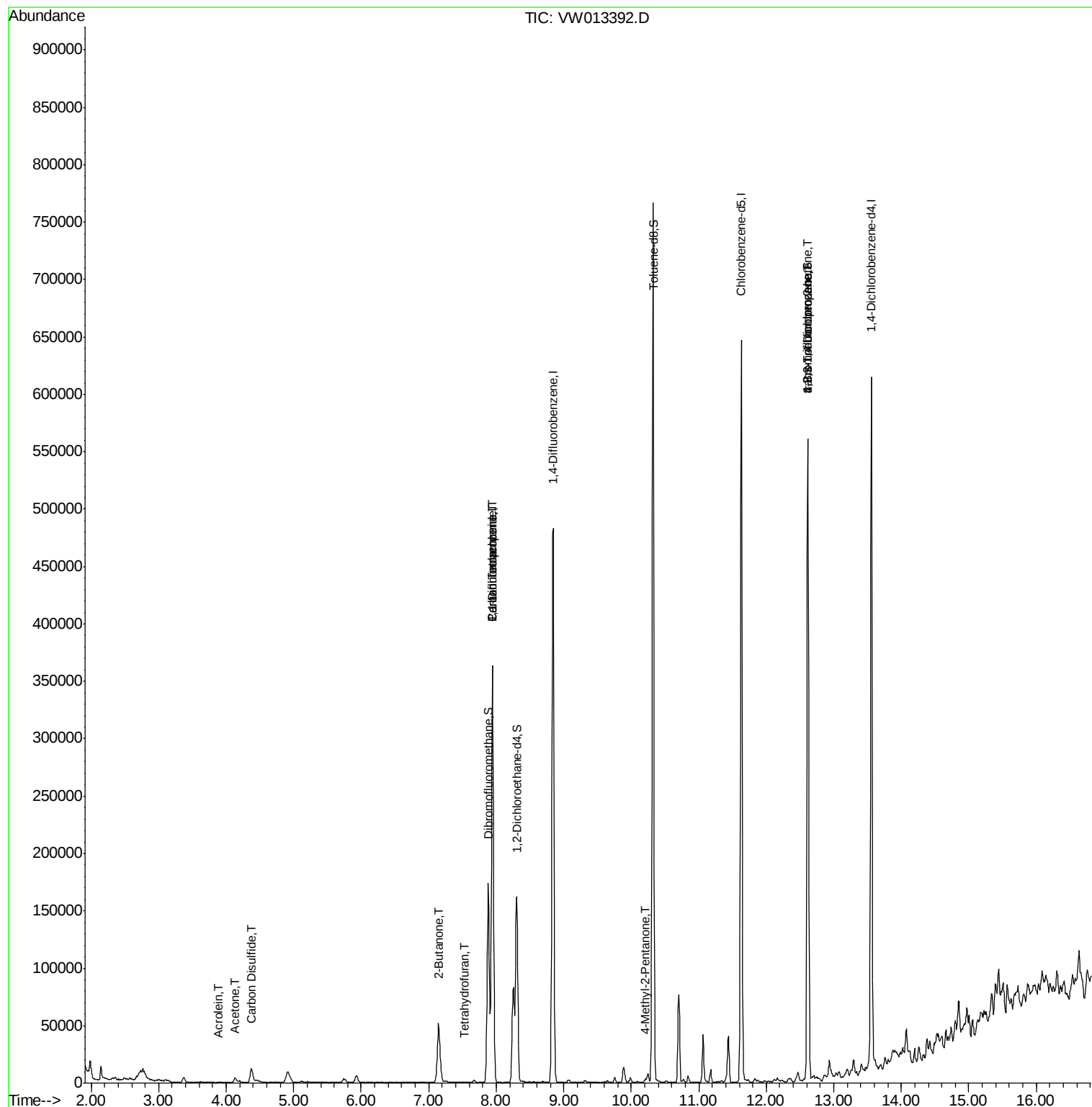
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	146	Below Cal	#	73
13) Acrolein	3.89	56	242	11.596	ug/l #	62
16) Acetone	4.13	43	8044	11.659	ug/l #	83
17) Carbon Disulfide	4.37	76	28127	3.633	ug/l #	91
25) 2-Butanone	7.15	43	1505	1.705	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	3489	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	36	9.761	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	20224	4.856	ug/l #	48
38) Carbon Tetrachloride	7.94	117	26124	7.241	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2418	1.330	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	78793	50.374	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78793	102.321	ug/l #	12

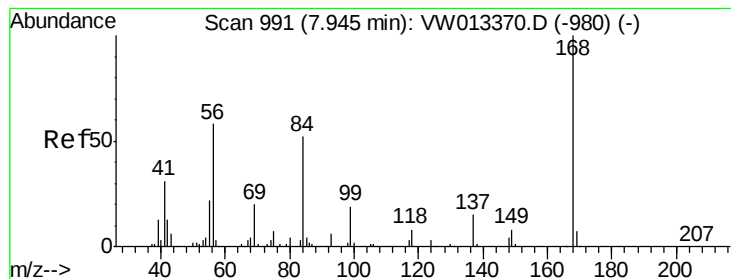
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Quant Title : SW846 8260
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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: VW013392.D

Acq: 02 Oct 2019 21:14

Instrument :

MSVOA_W

ClientSampleId :

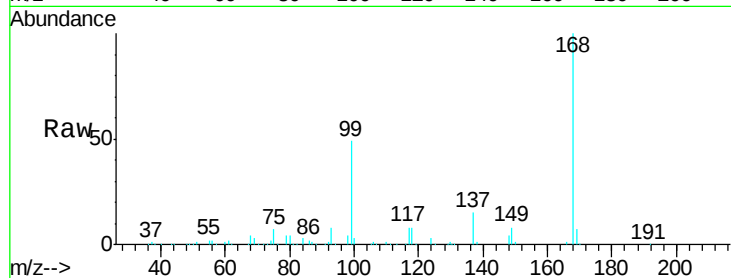
20190764-SS-COMPOSITE-4

Tgt Ion:168 Resp: 301452

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

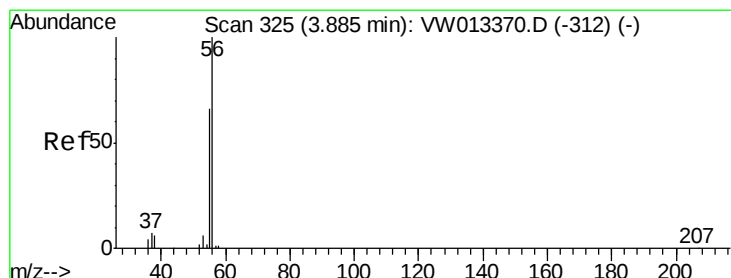
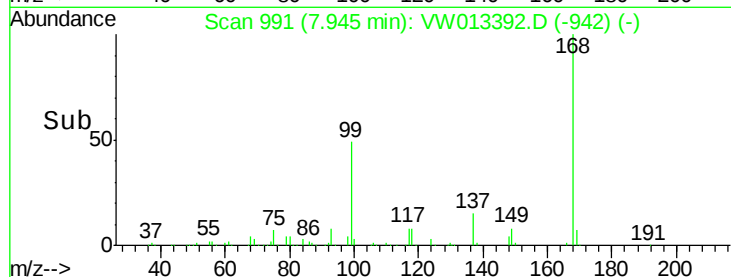
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#13

Acrolein

Concen: 11.596 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013392.D

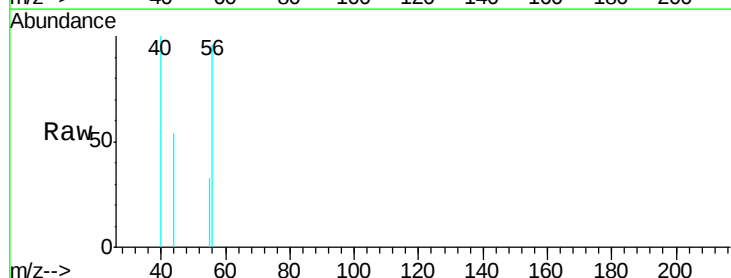
Acq: 02 Oct 2019 21:14

Tgt Ion: 56 Resp: 242

Ion Ratio Lower Upper

56 100

55 38.4 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

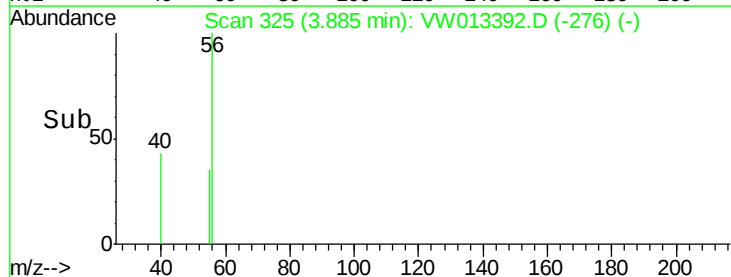
300

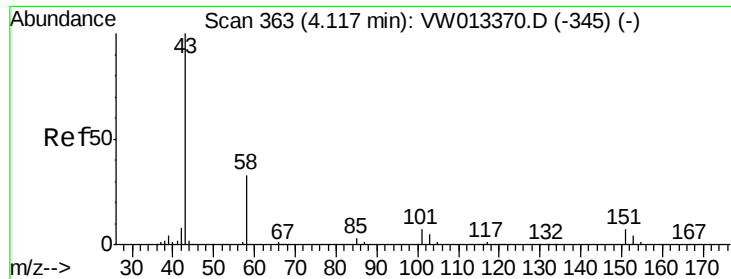
200

100

0

Time--> 3.86 3.88 3.90





#16

Acetone

Concen: 11.659 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013392.D

Acq: 02 Oct 2019 21:14

Instrument :

MSVOA_W

ClientSampleId :

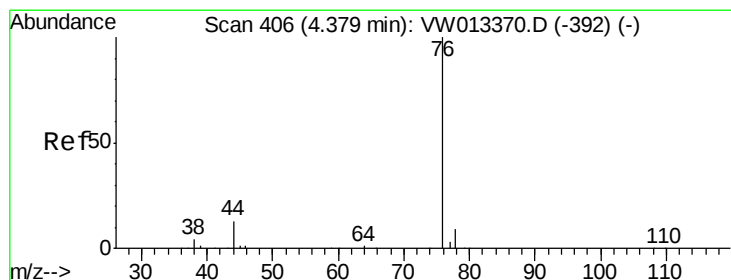
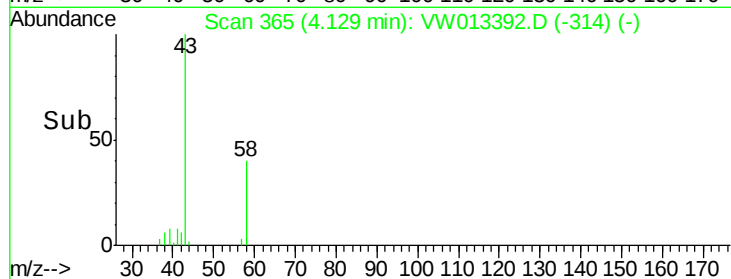
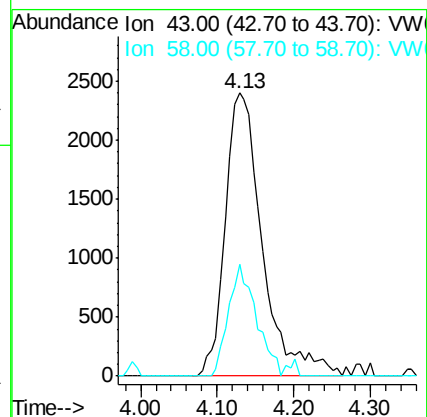
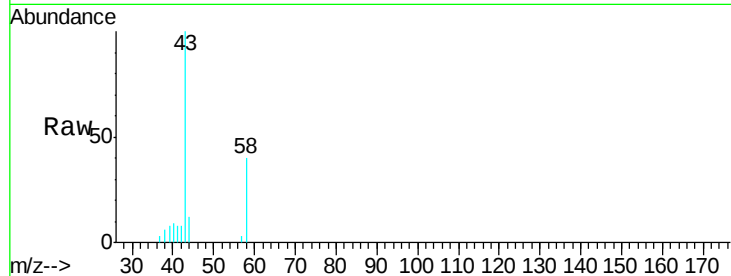
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Tgt Ion: 43 Resp: 8044

Ion Ratio Lower Upper

43 100

58 39.6 24.1 36.1#



#17

Carbon Disulfide

Concen: 3.633 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013392.D

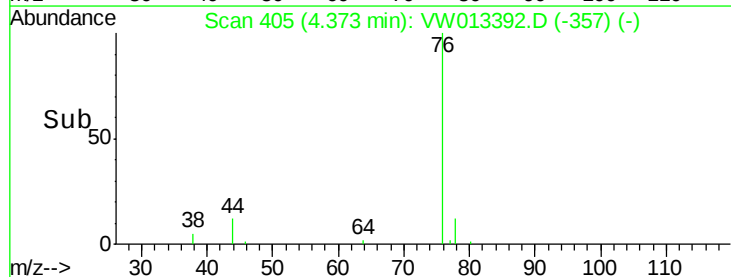
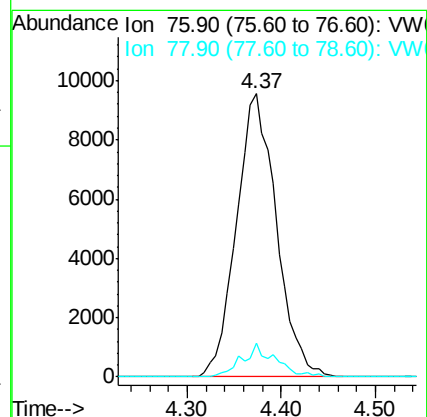
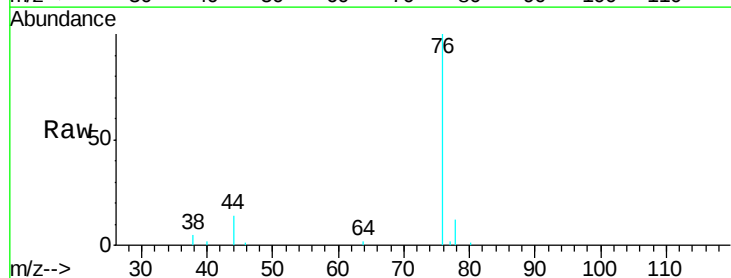
Acq: 02 Oct 2019 21:14

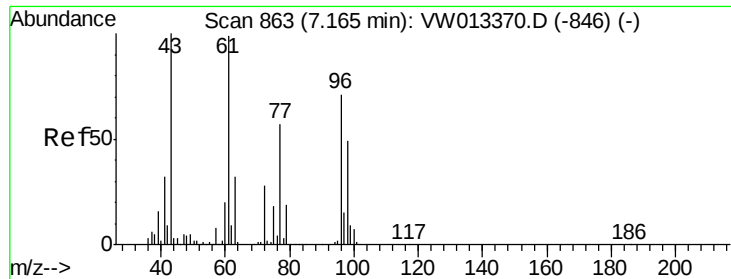
Tgt Ion: 76 Resp: 28127

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.4#





#25

2-Butanone

Concen: 1.705 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013392.D

Acq: 02 Oct 2019 21:14

Instrument :

MSVOA_W

ClientSampleId :

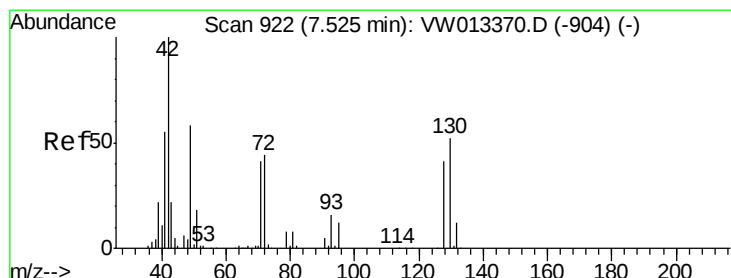
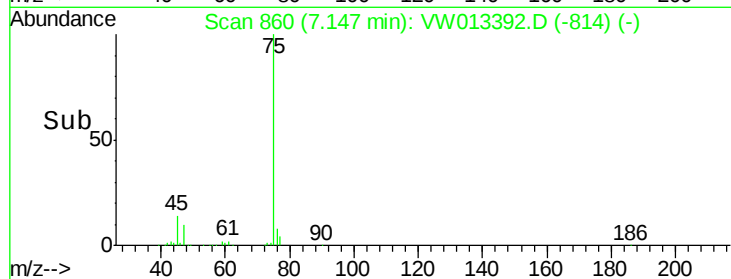
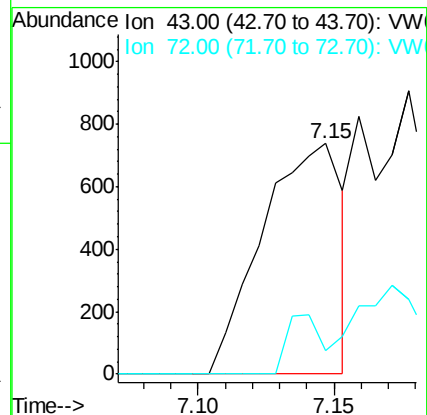
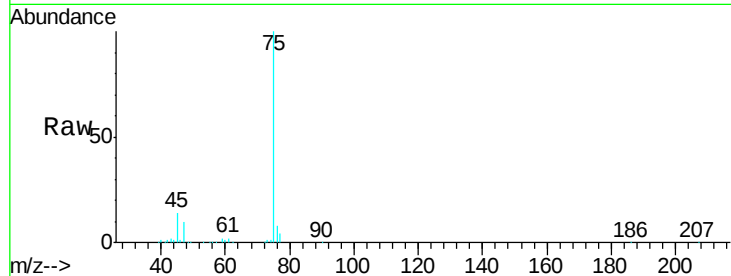
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Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

72 10.2 19.4 29.0#



#29

Tetrahydrofuran

Concen: 9.761 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW013392.D

Acq: 02 Oct 2019 21:14

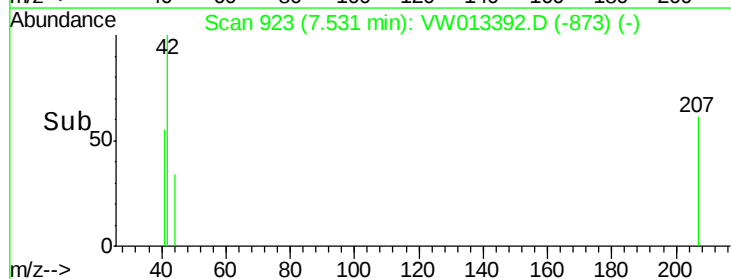
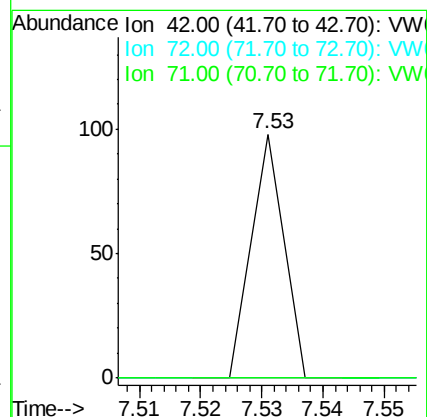
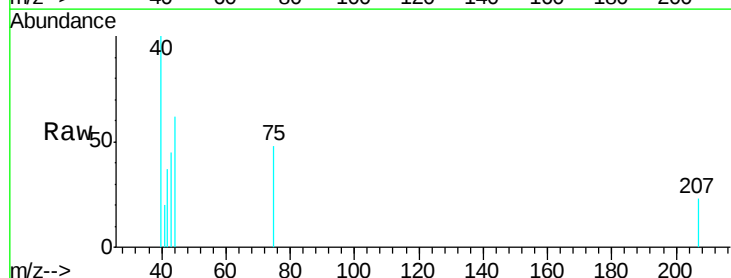
Tgt Ion: 42 Resp: 36

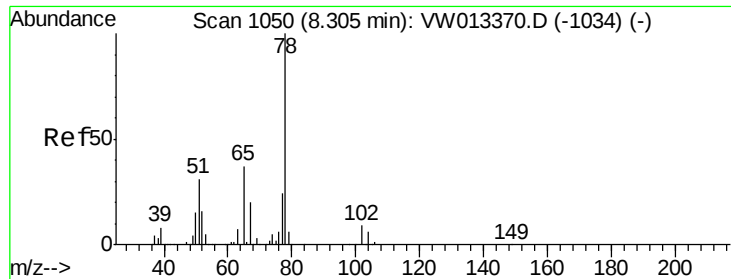
Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

71 0.0 31.9 47.9#

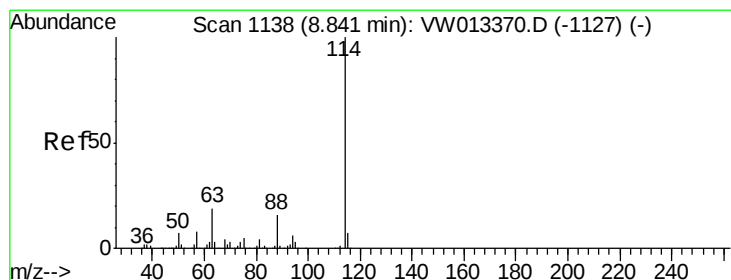
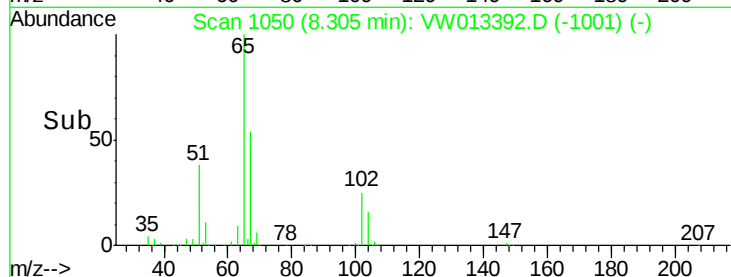
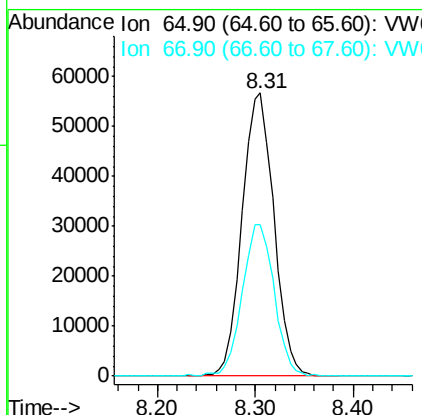
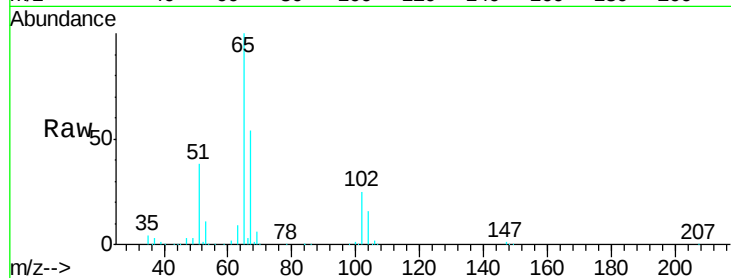




#33
 1,2-Dichloroethane-d4
 Concen: 56.941 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

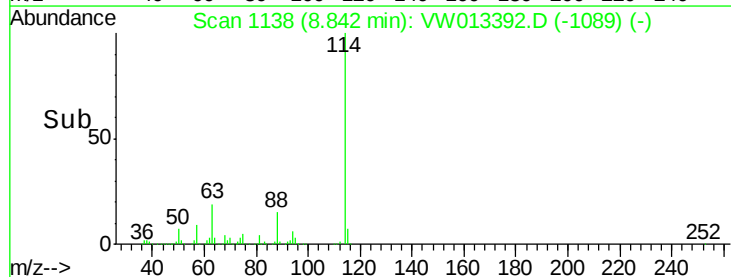
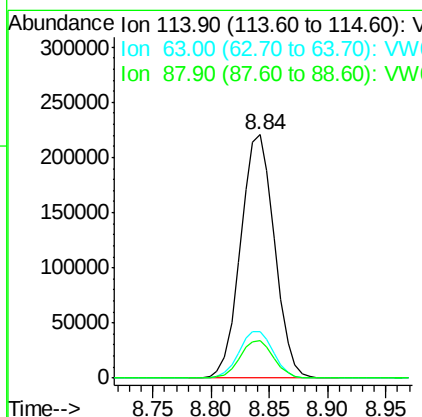
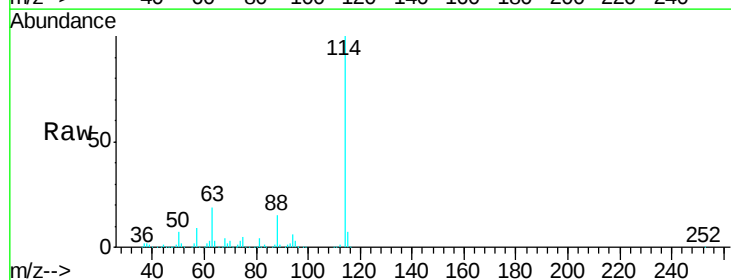
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 20190764-SS-COMPOSITE-4

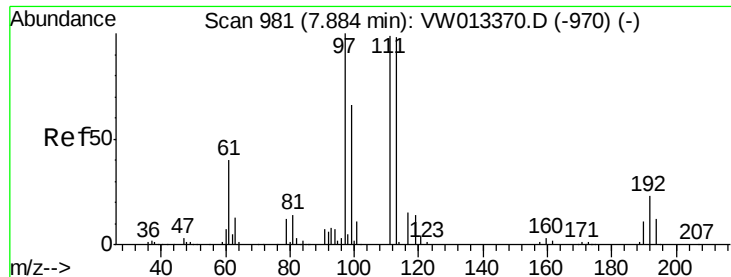
Tgt Ion: 65 Resp: 128166
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

Tgt Ion: 114 Resp: 448423
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 15.4 0.0 32.0

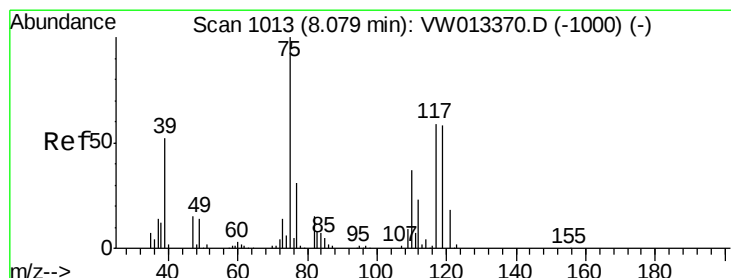
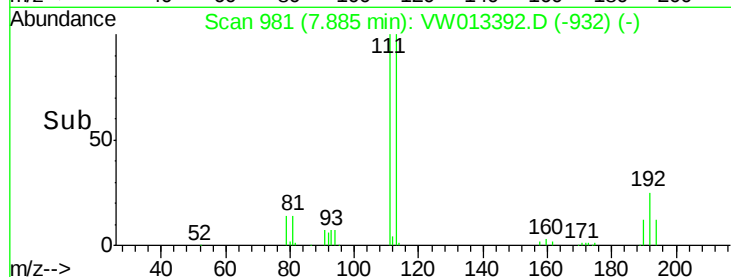
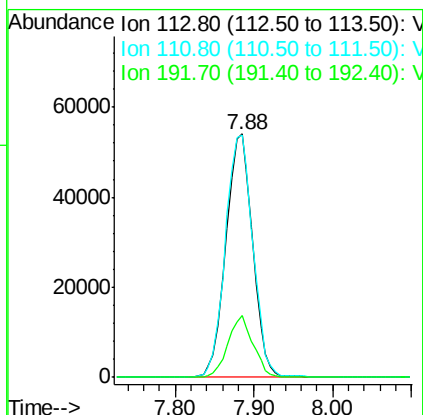
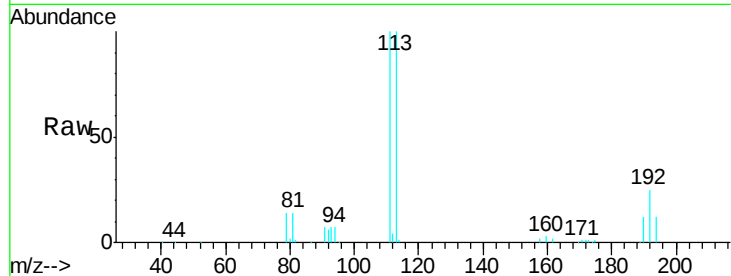




#35
 Dibromofluoromethane
 Concen: 54.312 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

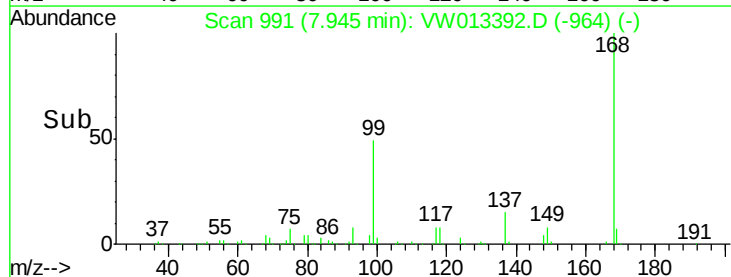
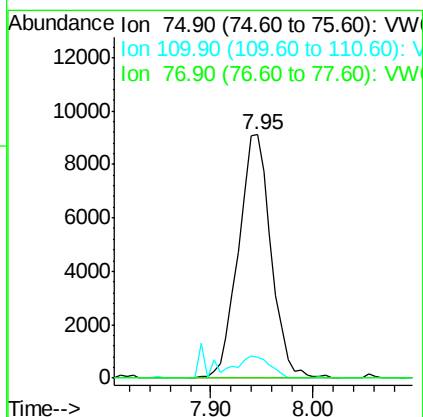
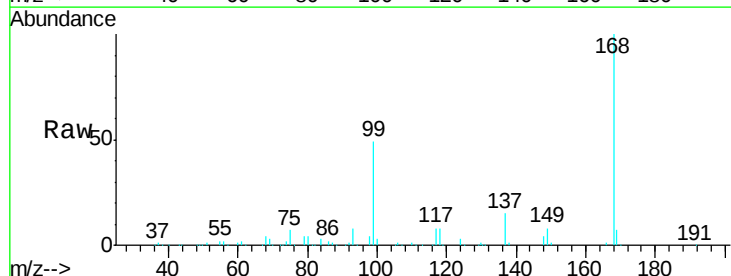
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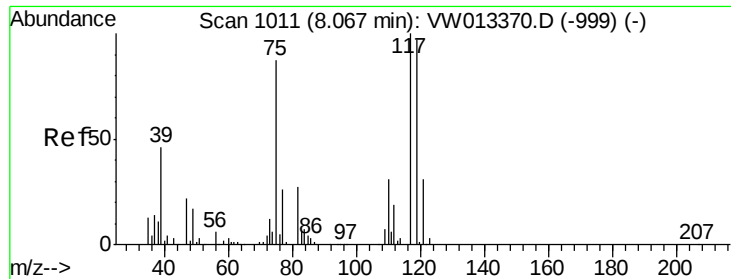
Tgt Ion:113 Resp: 127795
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.856 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

Tgt Ion: 75 Resp: 20224
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.3#
 77 0.0 25.8 38.6#

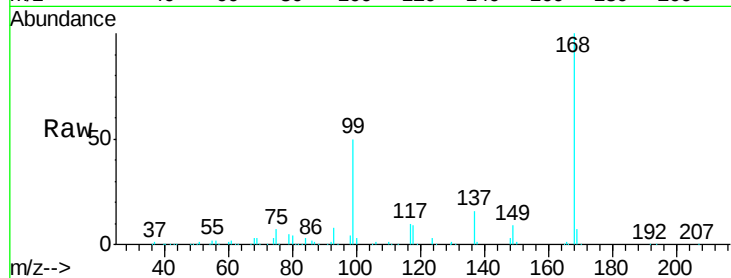




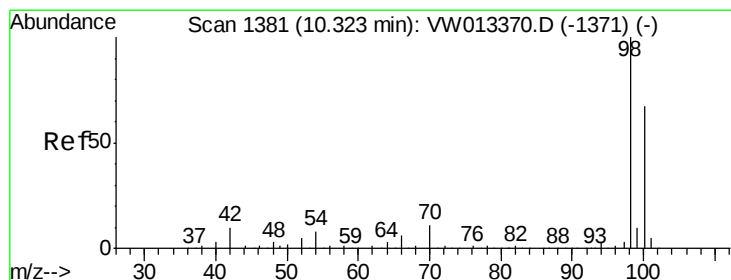
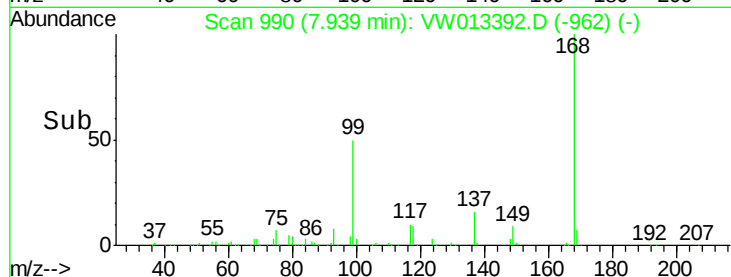
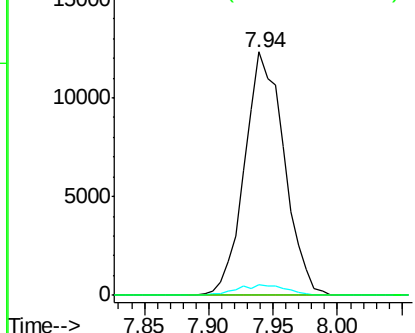
#38
Carbon Tetrachloride
Concen: 7.241 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013392.D
Acq: 02 Oct 2019 21:14

Instrument :
MSVOA_W
ClientSampleId :
20190764-SS-COMPOSITE-4

Tgt Ion: 117 Resp: 26124
Ion Ratio Lower Upper
117 100
119 4.4 73.5 110.3#
121 0.0 25.0 37.6#

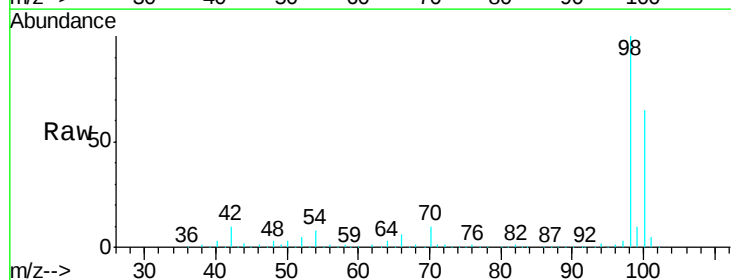


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

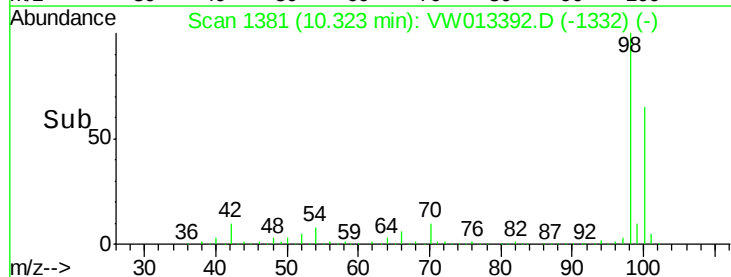
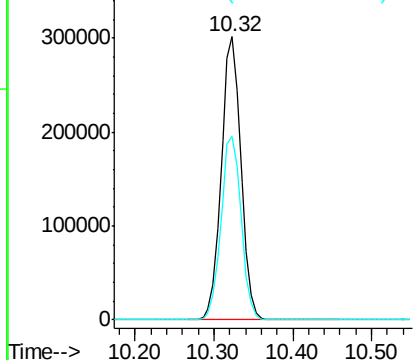


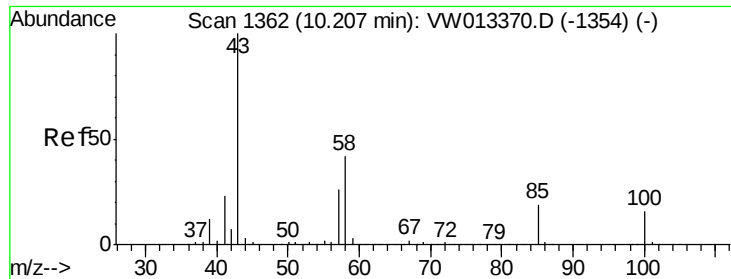
#50
Toluene-d8
Concen: 53.311 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013392.D
Acq: 02 Oct 2019 21:14

Tgt Ion: 98 Resp: 520555
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

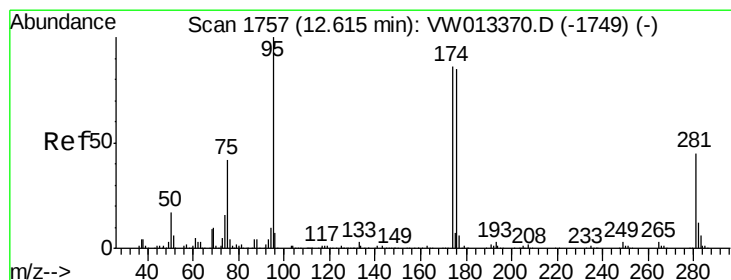
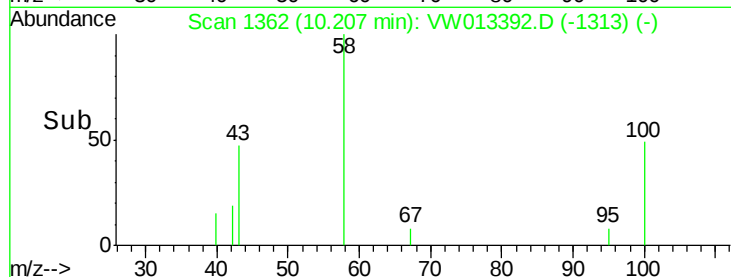
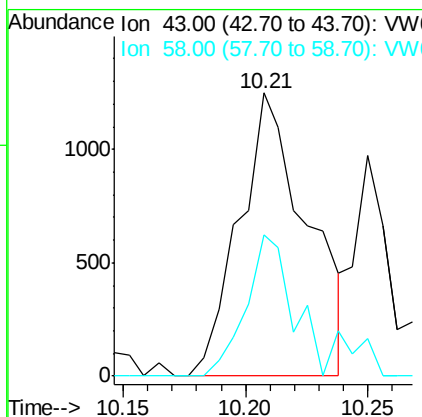
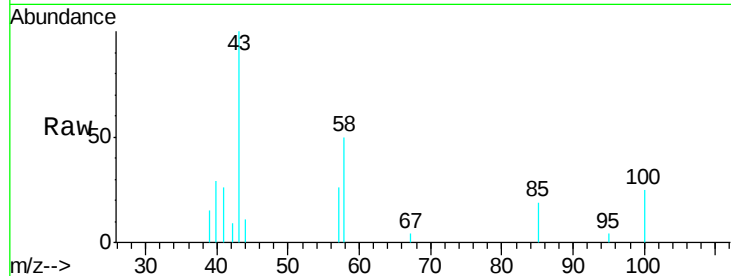




#51
 4-Methyl-2-Pentanone
 Concen: 1.330 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

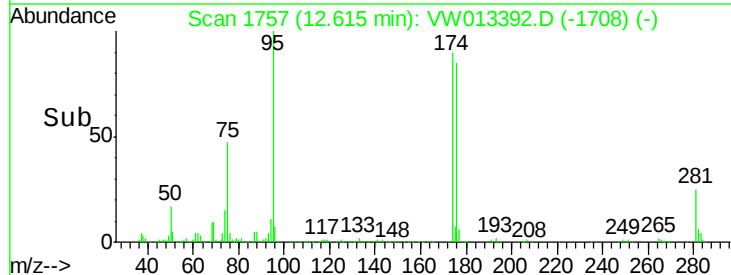
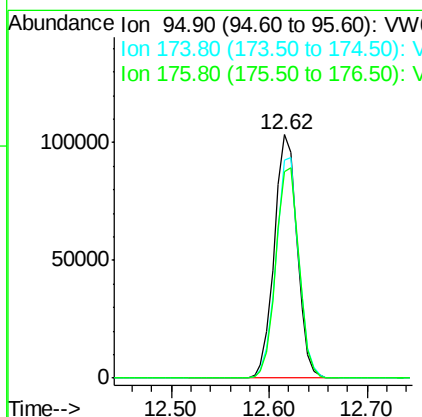
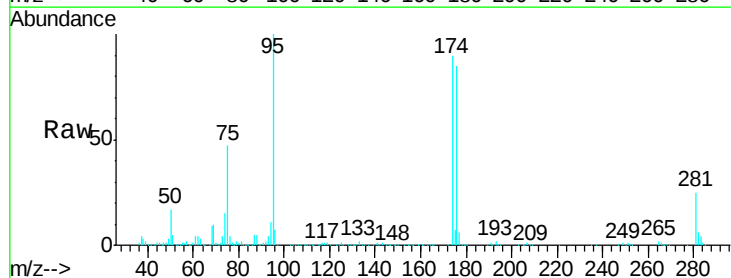
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 20190764-SS-COMPOSITE-4

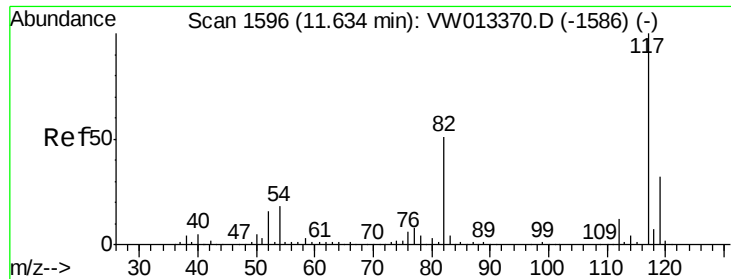
Tgt Ion: 43 Resp: 2418
 Ion Ratio Lower Upper
 43 100
 58 34.2 31.7 47.5



#62
 4-Bromofluorobenzene
 Concen: 51.995 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013392.D
 Acq: 02 Oct 2019 21:14

Tgt Ion: 95 Resp: 169541
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 178.4
 176 87.5 0.0 172.2

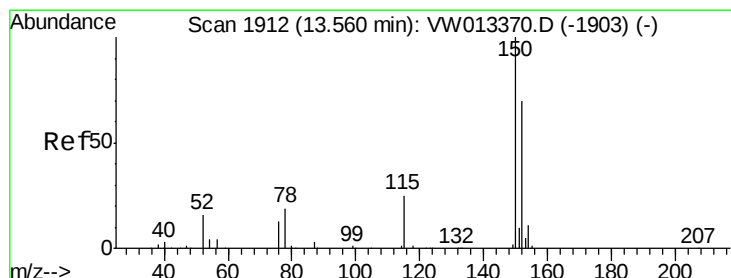
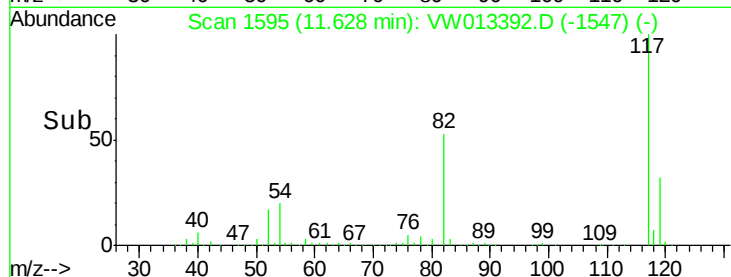
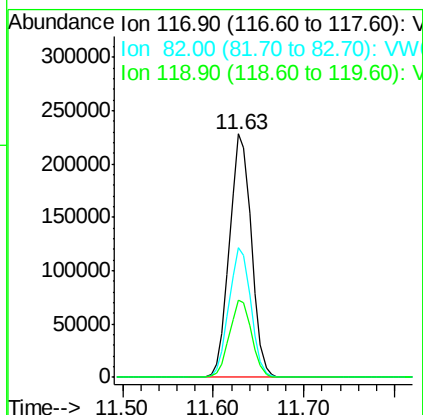
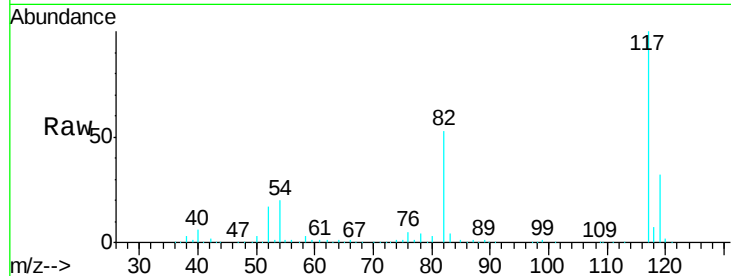




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013392.D
Acq: 02 Oct 2019 21:14

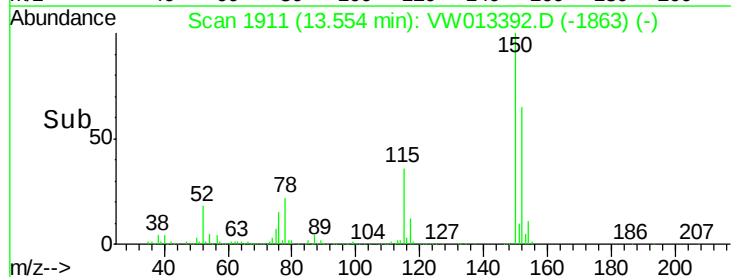
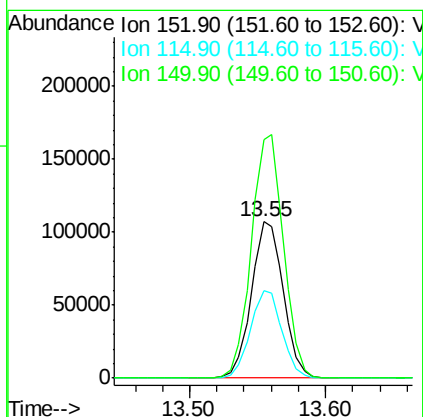
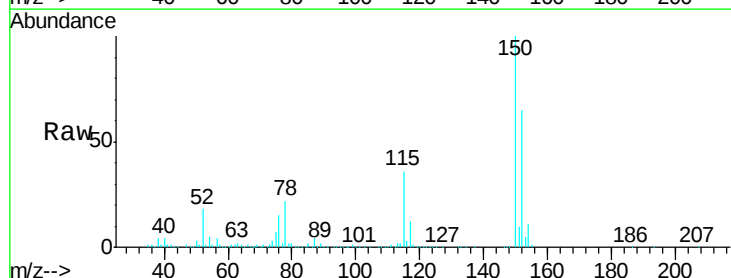
Instrument :
MSVOA_W
ClientSampleId :
20190764-SS-COMPOSITE-4

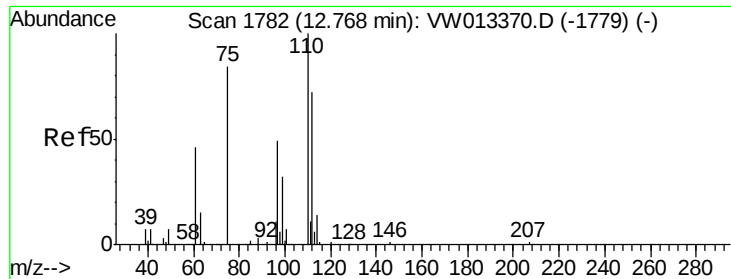
Tgt Ion:117 Resp: 383134
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013392.D
Acq: 02 Oct 2019 21:14

Tgt Ion:152 Resp: 175993
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 157.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 50.374 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013392.D

Acq: 02 Oct 2019 21:14

Instrument :

MSVOA_W

ClientSampleId :

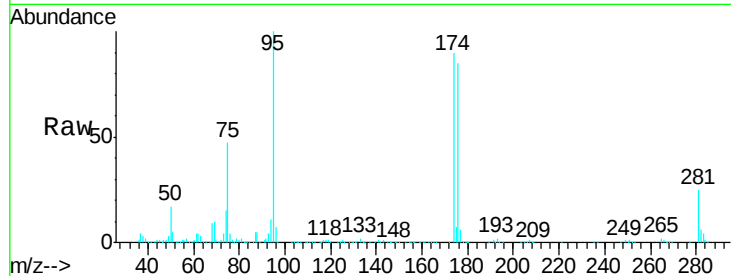
20190764-SS-COMPOSITE-4

Tgt Ion: 75 Resp: 78793

Ion Ratio Lower Upper

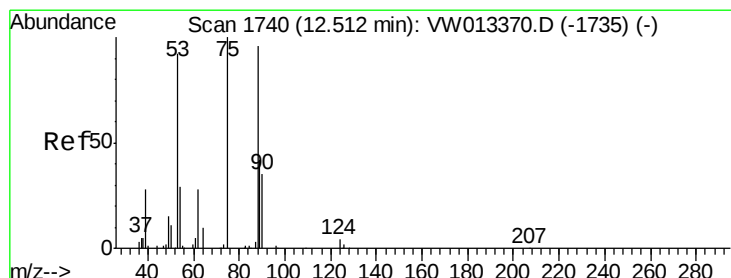
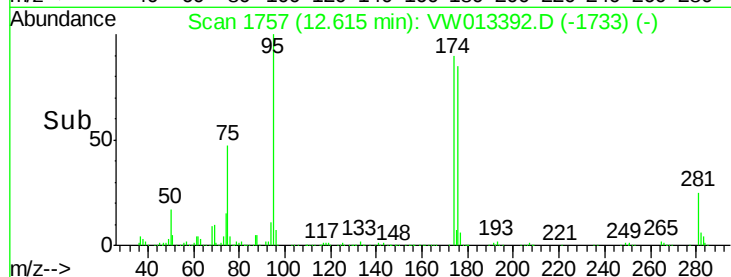
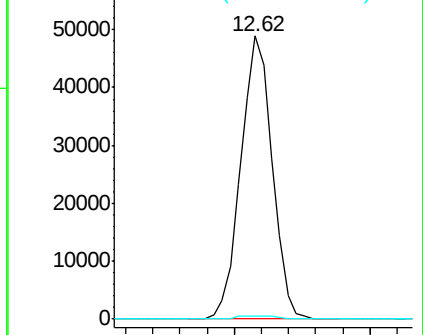
75 100

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: 102.321 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013392.D

Acq: 02 Oct 2019 21:14

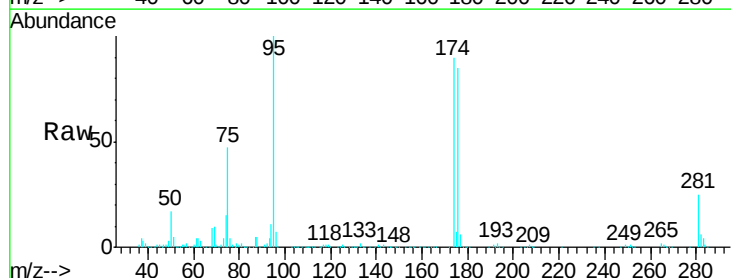
Tgt Ion: 75 Resp: 78793

Ion Ratio Lower Upper

75 100

53 0.5 76.6 114.8#

89 0.3 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

