

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013395.D
 Acq On : 02 Oct 2019 22:32
 Operator : SY/VA
 Sample : K5168-05
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2019071-SS-COMPOSITE-11

Quant Time: Oct 03 07:05:53 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	324548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	138281	57.06	ug/l	0.00
Spiked Amount			Recovery	=	114.12%	
35) Dibromofluoromethane	7.88	113	136294	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
50) Toluene-d8	10.32	98	560862	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	184589	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	

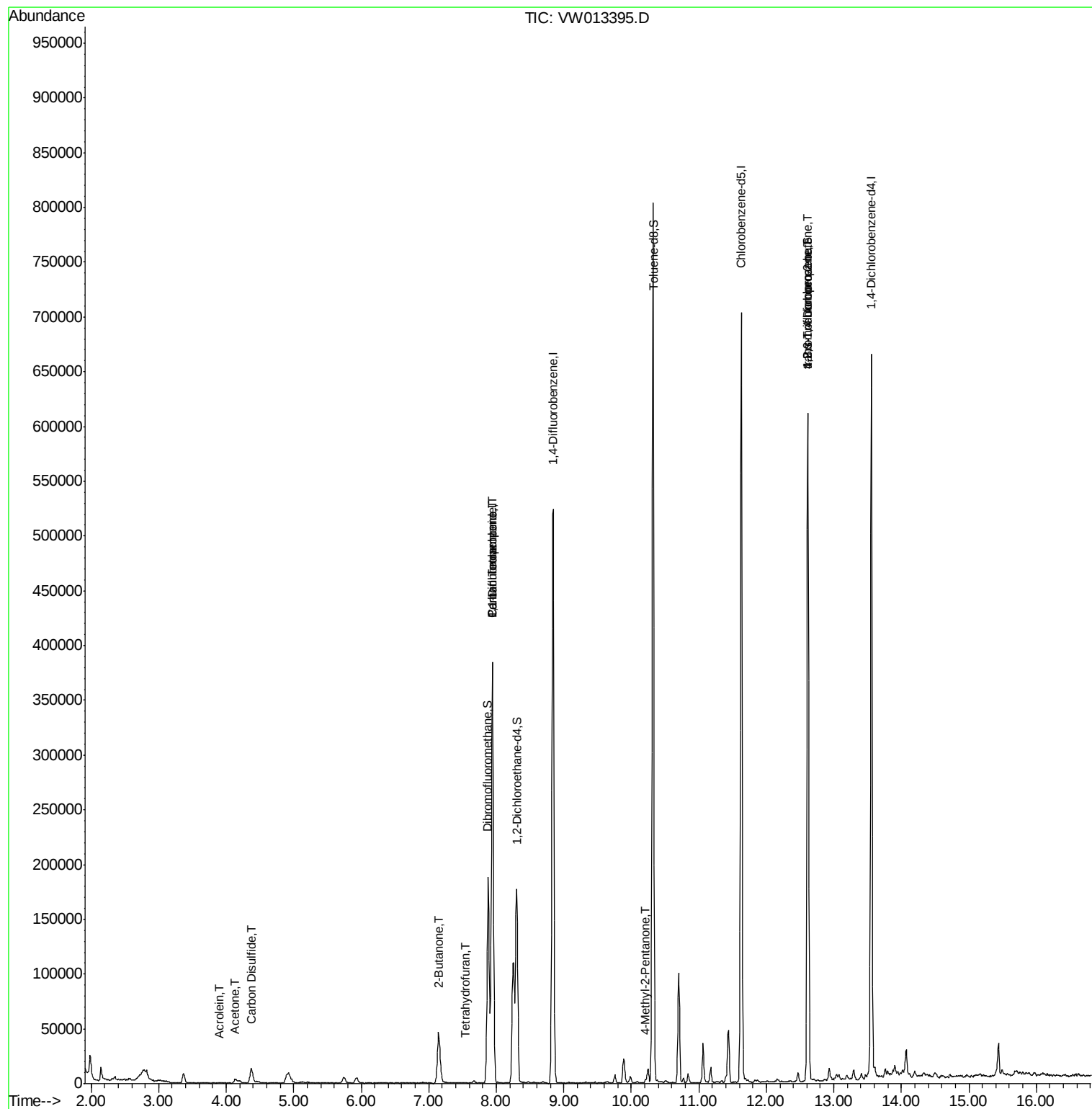
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	499	Below Cal	#	73
13) Acrolein	3.90	56	306	11.774	ug/l #	25
16) Acetone	4.13	43	7892	10.625	ug/l #	77
17) Carbon Disulfide	4.37	76	31699	3.803	ug/l	99
25) 2-Butanone	7.15	43	2507	2.638	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	3665	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	106	9.878	ug/l #	59
36) 1,1-Dichloropropene	7.94	75	20905	4.676	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28036	7.239	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	2186	1.120	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	85422	50.991	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85422	103.524	ug/l #	12

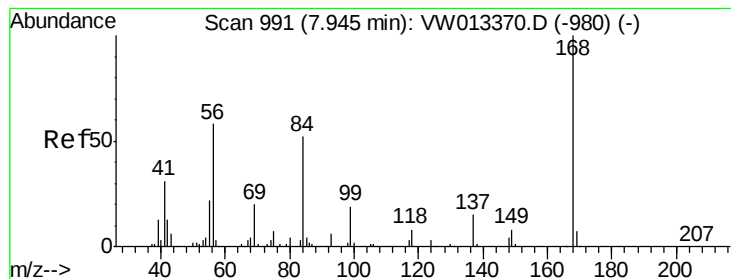
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

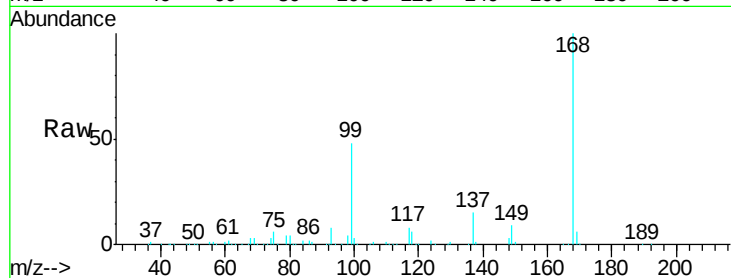
2019071-SS-COMPOSITE-11

Tgt Ion:168 Resp: 324548

Ion Ratio Lower Upper

168 100

99 48.4 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

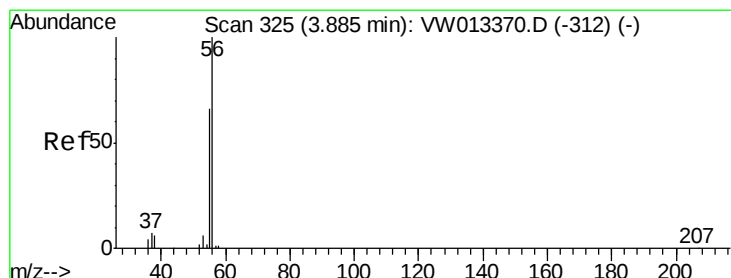
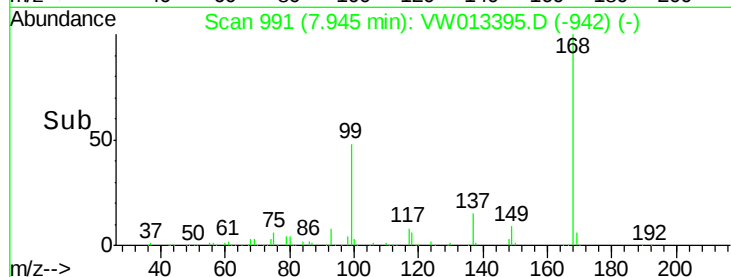
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 11.774 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013395.D

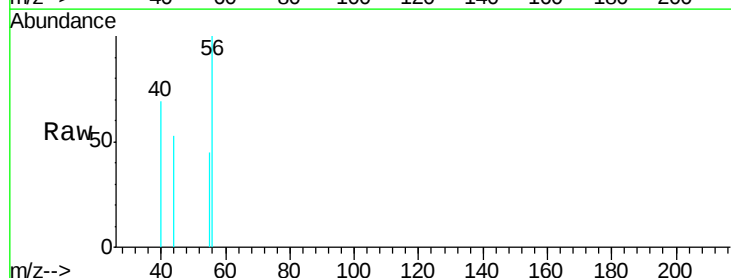
Acq: 02 Oct 2019 22:32

Tgt Ion: 56 Resp: 306

Ion Ratio Lower Upper

56 100

55 130.7 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

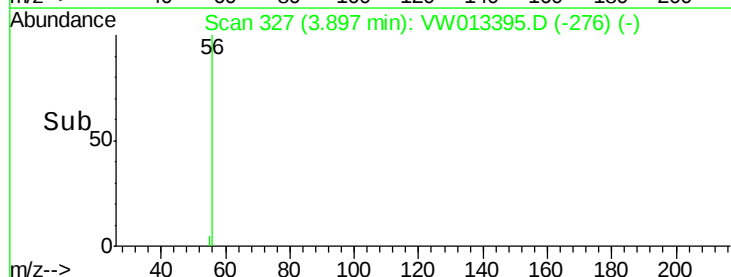
300

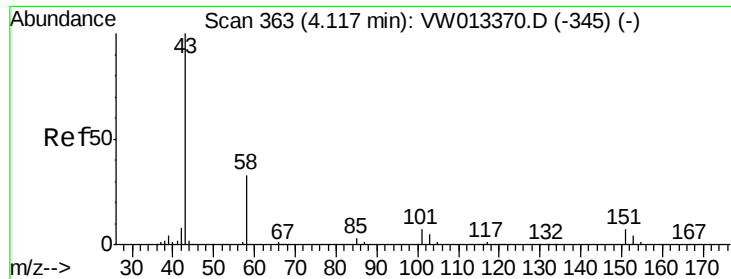
200

100

0

Time-->





#16

Acetone

Concen: 10.625 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

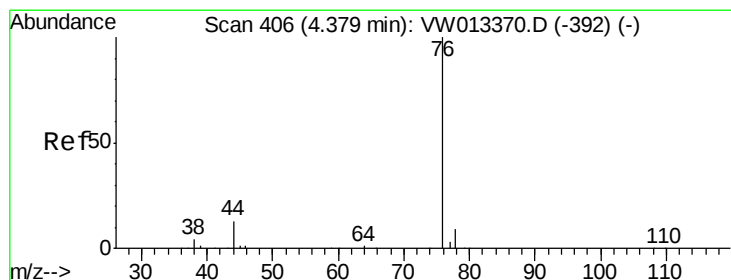
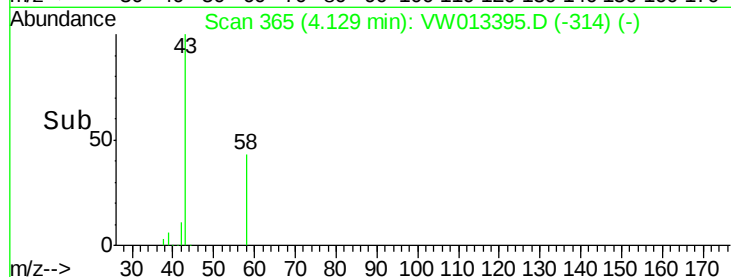
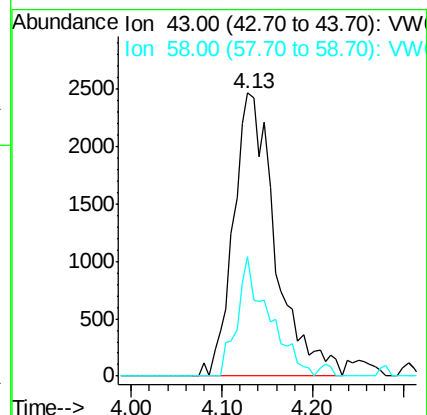
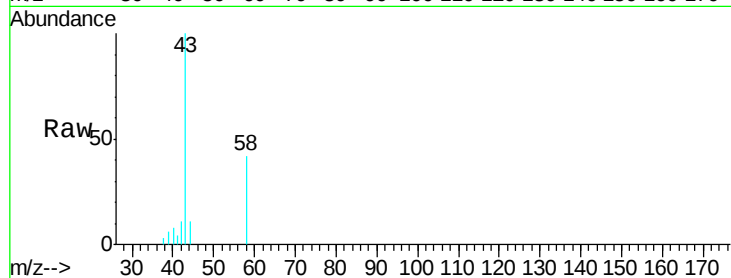
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Tgt Ion: 43 Resp: 7892

Ion Ratio Lower Upper

43 100

58 42.3 24.1 36.1#



#17

Carbon Disulfide

Concen: 3.803 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013395.D

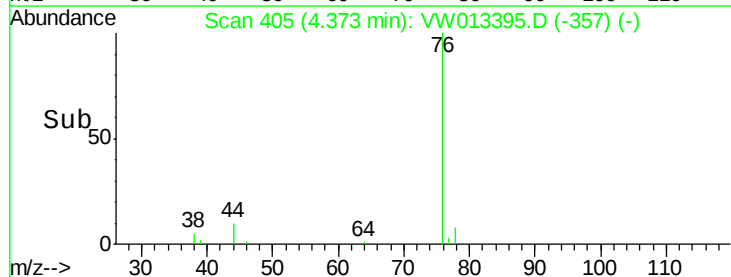
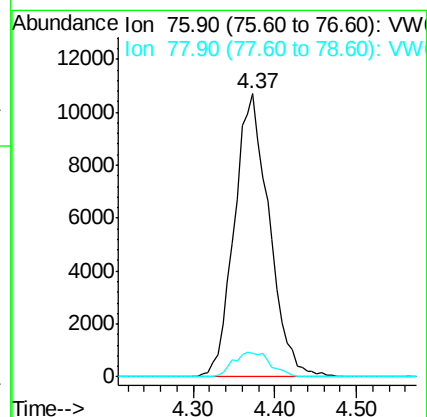
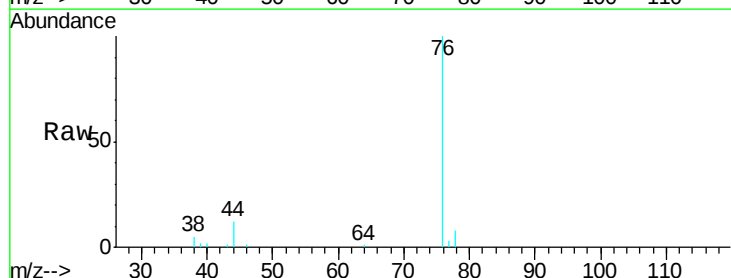
Acq: 02 Oct 2019 22:32

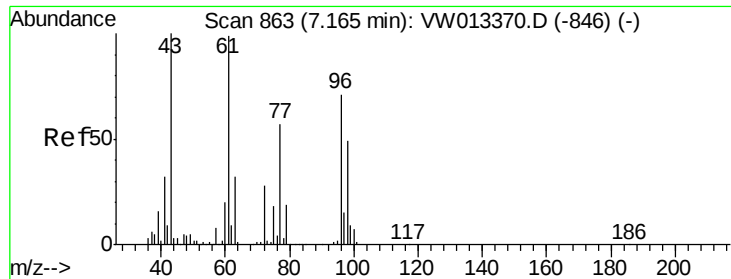
Tgt Ion: 76 Resp: 31699

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4





#25

2-Butanone

Concen: 2.638 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

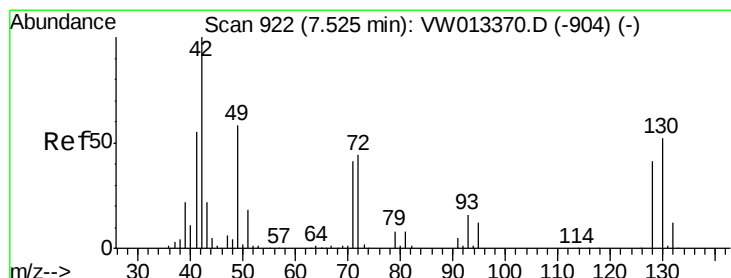
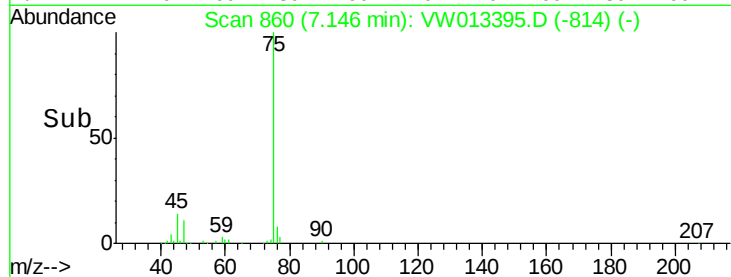
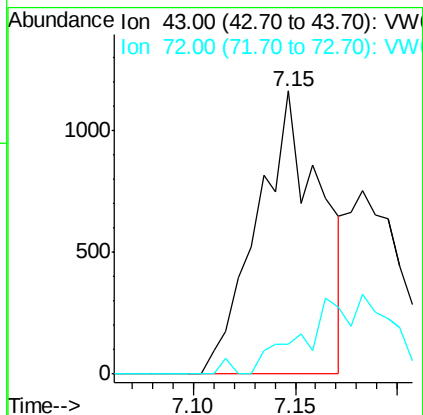
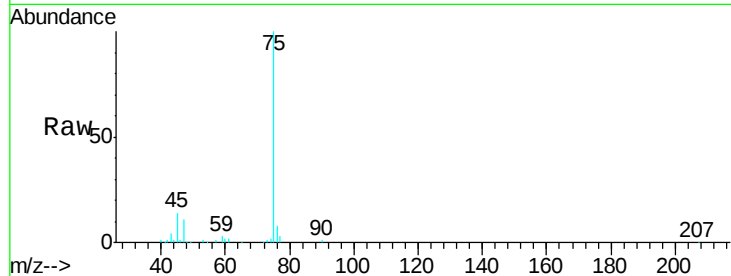
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Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

43 100

72 10.6 19.4 29.0#



#29

Tetrahydrofuran

Concen: 9.878 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

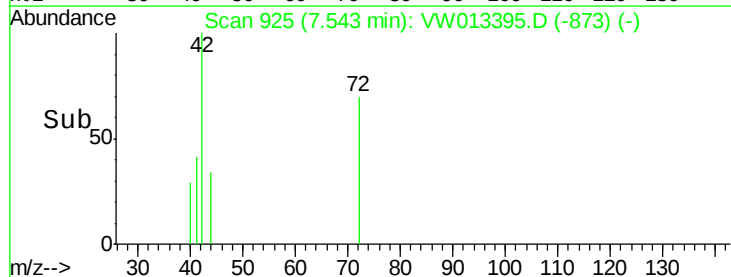
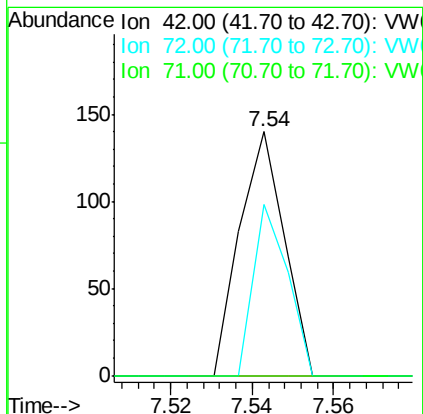
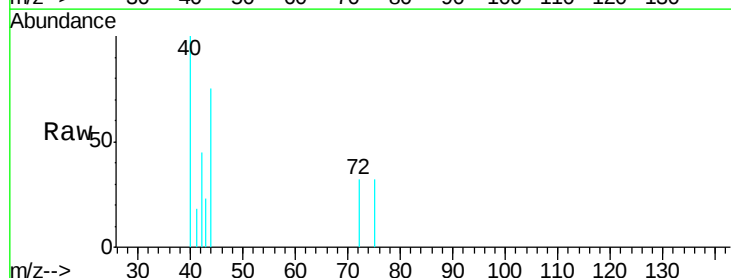
Tgt Ion: 42 Resp: 106

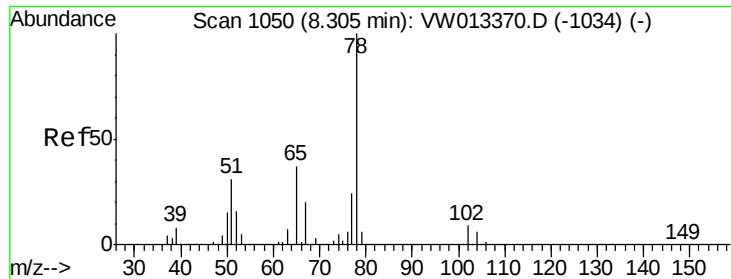
Ion Ratio Lower Upper

42 100

72 53.8 33.9 50.9#

71 0.0 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 57.063 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

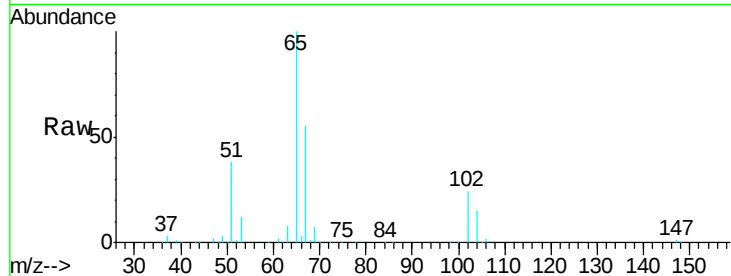
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Tgt Ion: 65 Resp: 138281

Ion Ratio Lower Upper

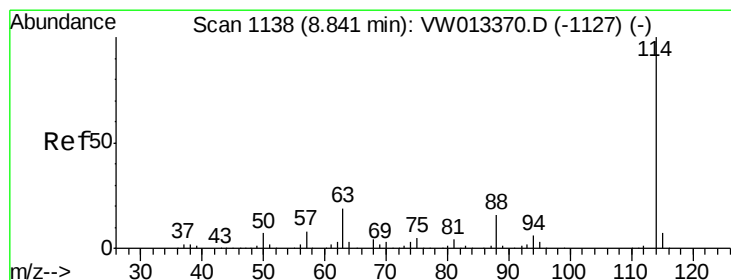
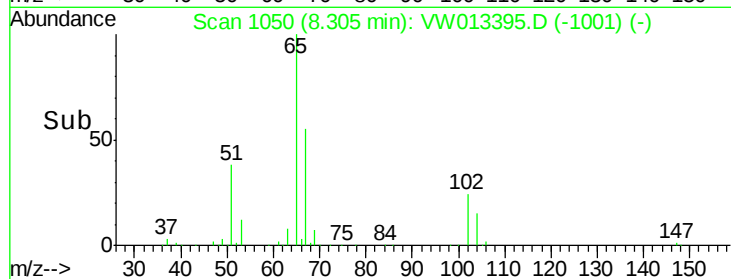
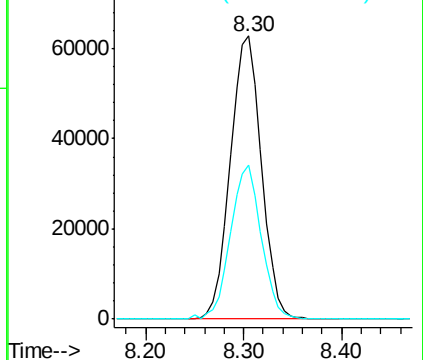
65 100

67 53.9 0.0 106.2



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: VW013395.D

Acq: 02 Oct 2019 22:32

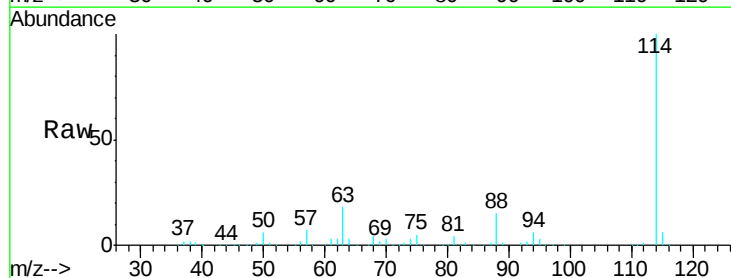
Tgt Ion: 114 Resp: 481369

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.4

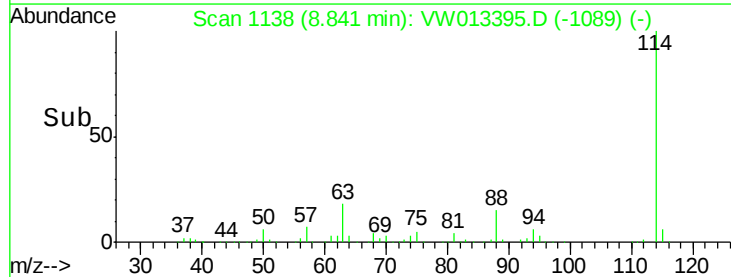
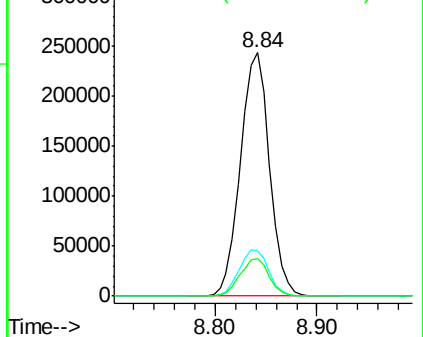
88 15.3 0.0 32.0

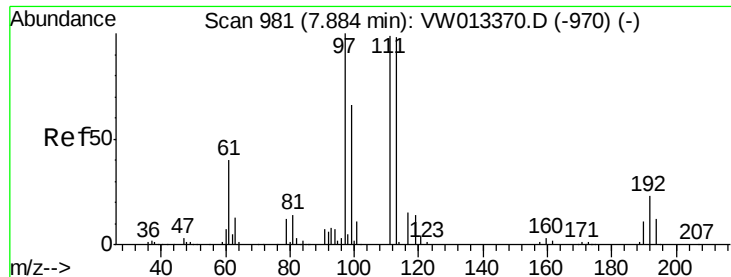


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.960 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

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MSVOA_W

ClientSampleId :

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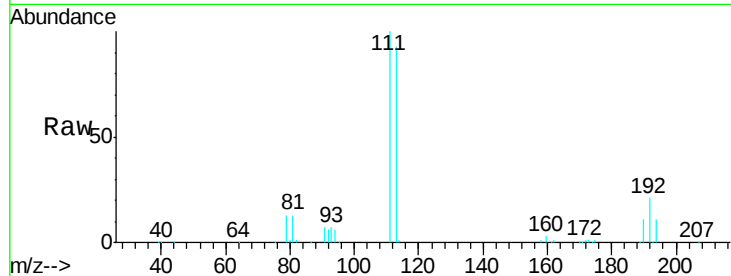
Tgt Ion:113 Resp: 136294

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

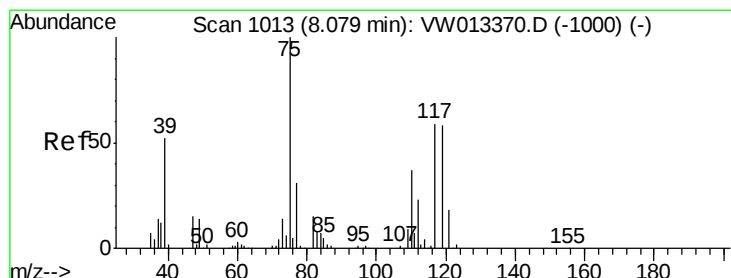
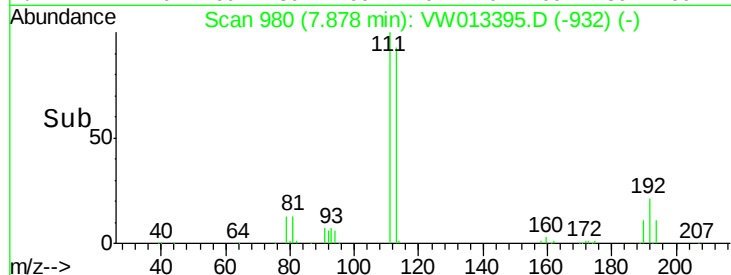
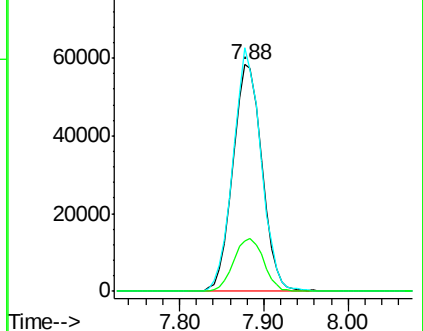
192 24.1 19.1 28.7



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: 4.676 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

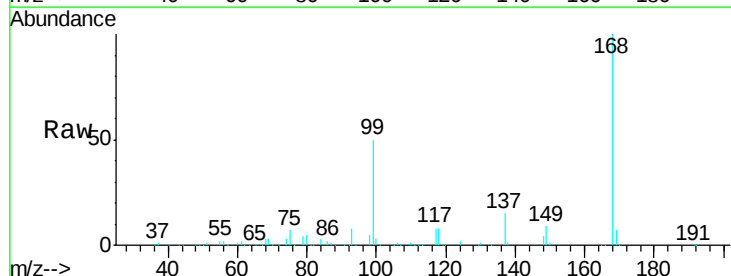
Tgt Ion: 75 Resp: 20905

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

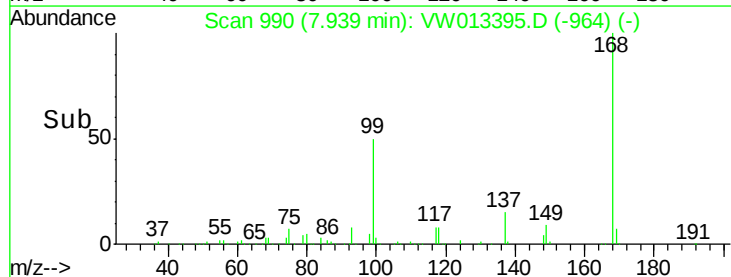
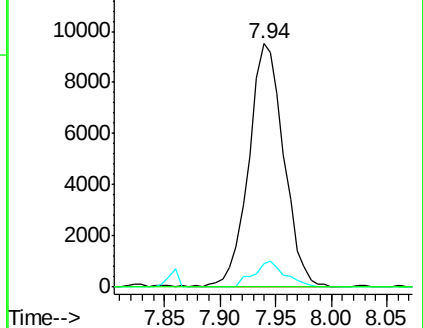
77 0.0 25.8 38.6#

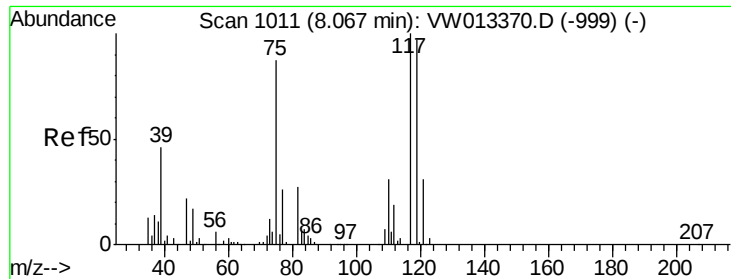


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

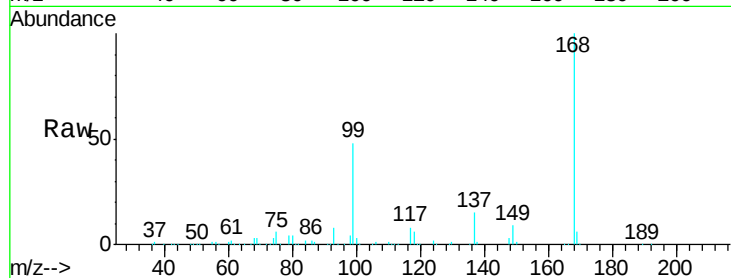




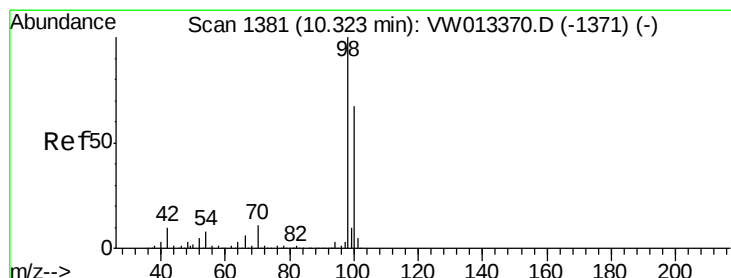
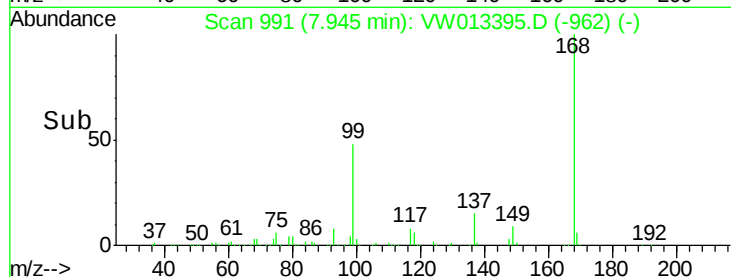
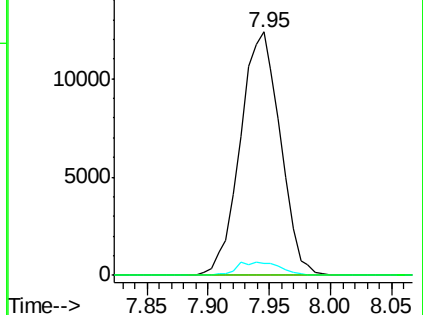
#38
Carbon Tetrachloride
Concen: 7.239 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013395.D
Acq: 02 Oct 2019 22:32

Instrument :
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Tgt Ion: 117 Resp: 28036
Ion Ratio Lower Upper
117 100
119 5.0 73.5 110.3#
121 0.0 25.0 37.6#

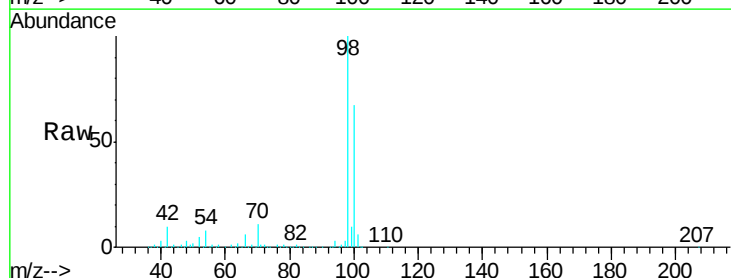


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

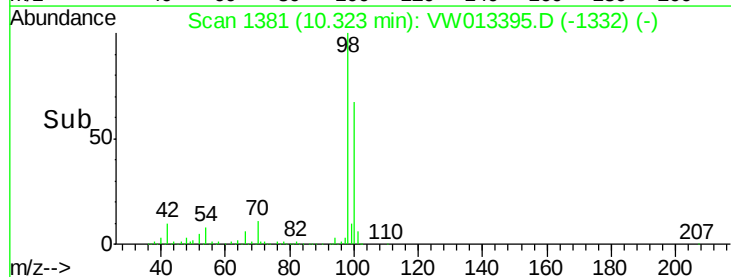
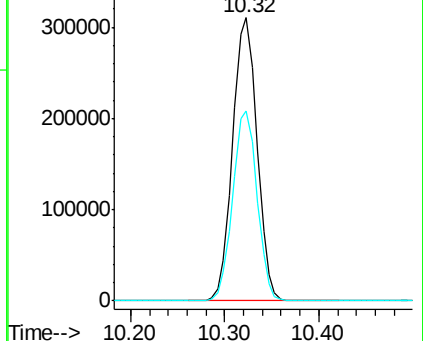


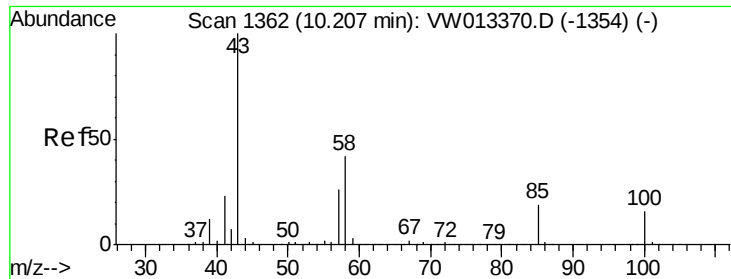
#50
Toluene-d8
Concen: 53.508 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013395.D
Acq: 02 Oct 2019 22:32

Tgt Ion: 98 Resp: 560862
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



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

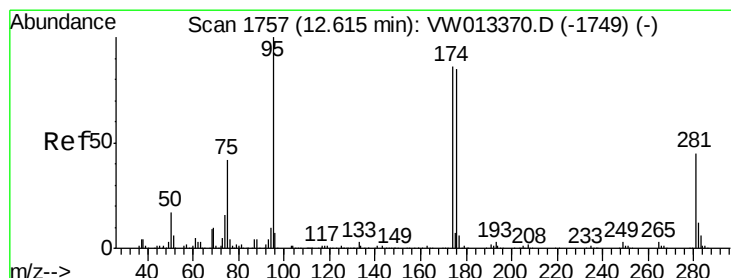
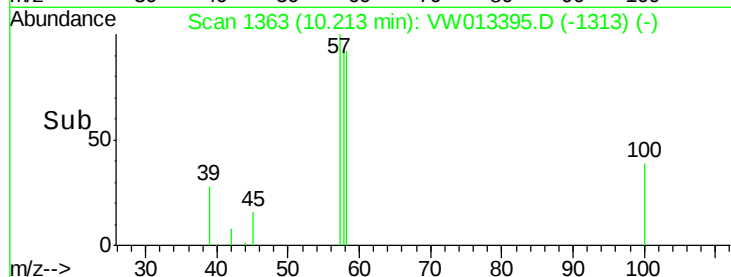
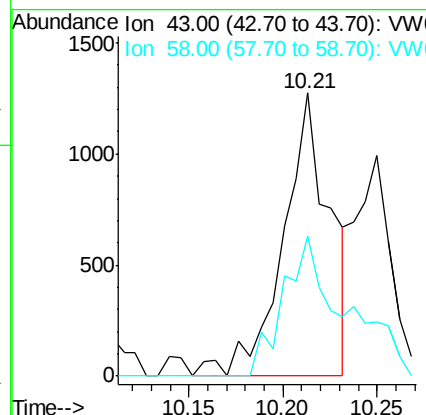
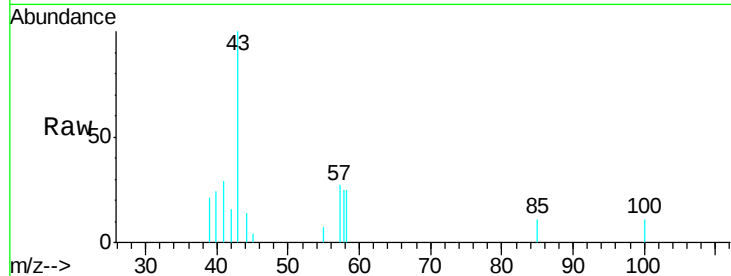




#51
 4-Methyl-2-Pentanone
 Concen: 1.120 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW013395.D
 Acq: 02 Oct 2019 22:32

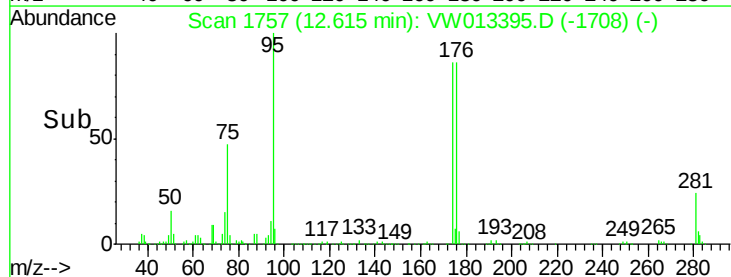
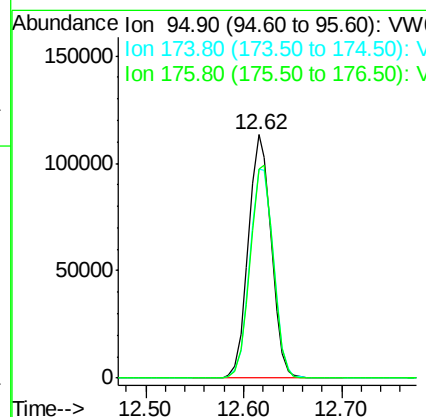
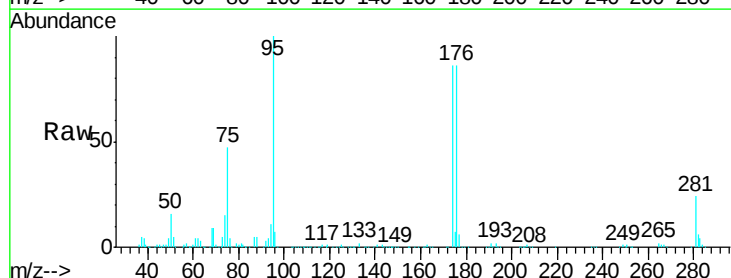
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 MSVOA_W
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 2019071-SS-COMPOSITE-11

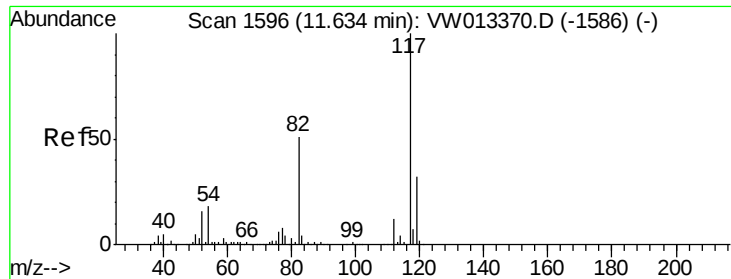
Tgt Ion: 43 Resp: 2186
 Ion Ratio Lower Upper
 43 100
 58 65.5 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 52.736 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013395.D
 Acq: 02 Oct 2019 22:32

Tgt Ion: 95 Resp: 184589
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 178.4
 176 87.9 0.0 172.2

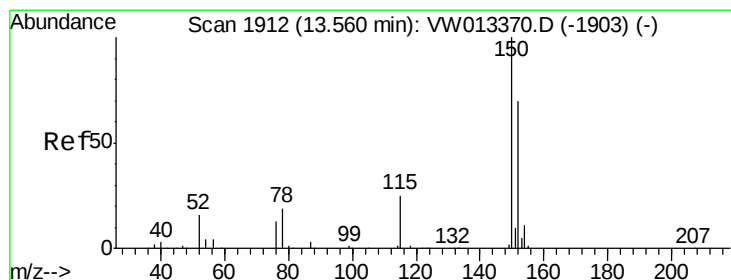
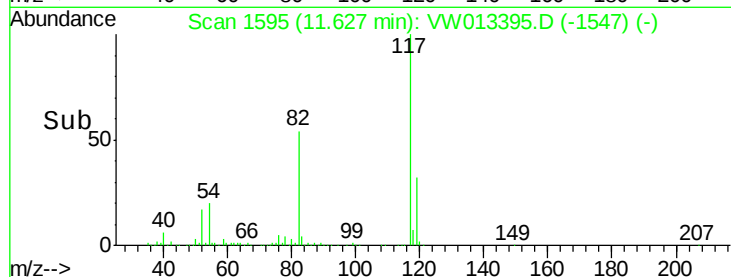
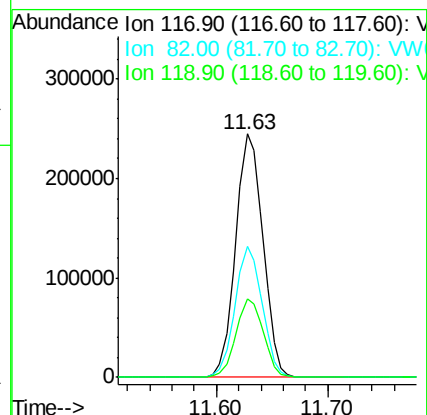
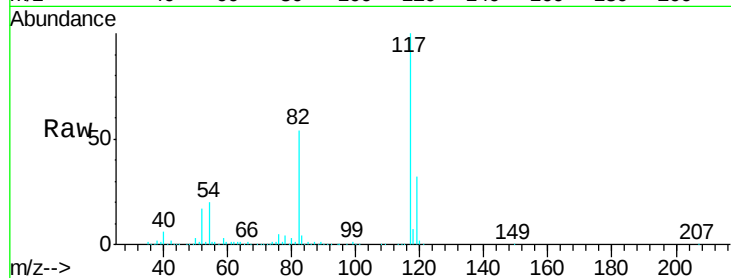




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013395.D
Acq: 02 Oct 2019 22:32

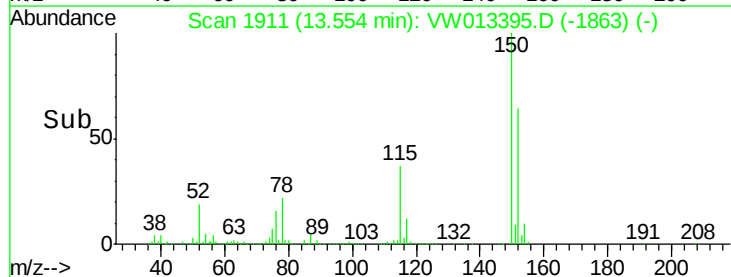
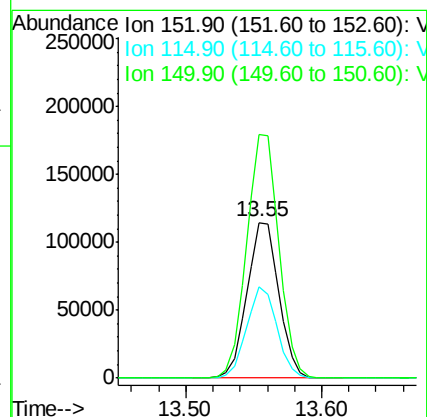
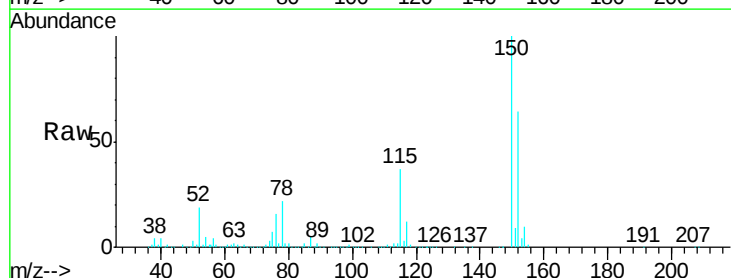
Instrument :
MSVOA_W
ClientSampleId :
2019071-SS-COMPOSITE-11

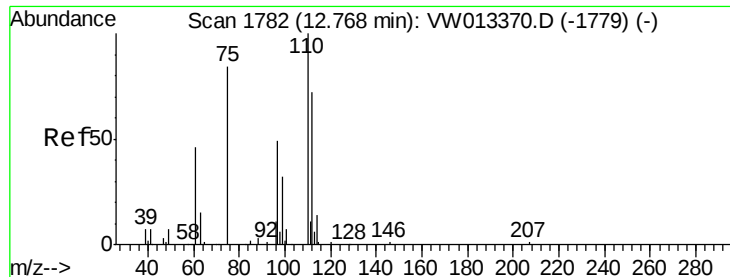
Tgt Ion:117 Resp: 417405
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013395.D
Acq: 02 Oct 2019 22:32

Tgt Ion:152 Resp: 188488
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 157.6 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 50.991 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

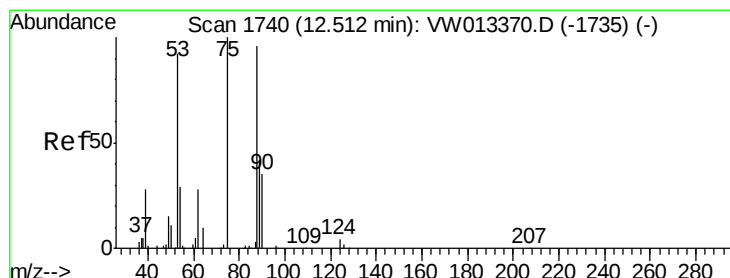
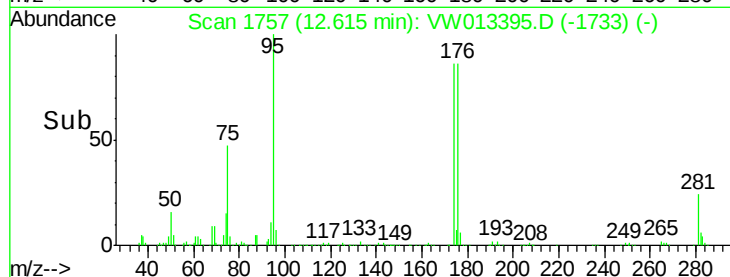
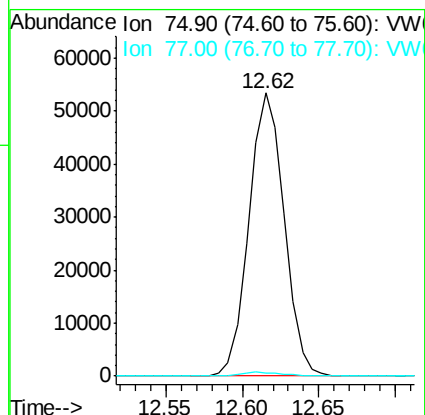
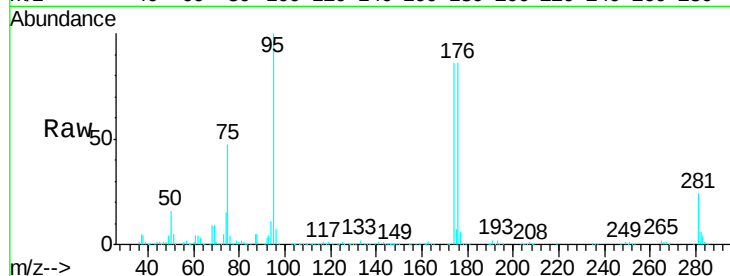
2019071-SS-COMPOSITE-11

Tgt Ion: 75 Resp: 85422

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.524 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013395.D

Acq: 02 Oct 2019 22:32

Tgt Ion: 75 Resp: 85422

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#

