

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013385.D
 Acq On : 02 Oct 2019 18:12
 Operator : SY/VA
 Sample : K5133-02
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1A

Quant Time: Oct 03 07:03:45 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	315992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	411577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136576	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
35) Dibromofluoromethane	7.88	113	133592	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	10.32	98	548690	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	180054	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	

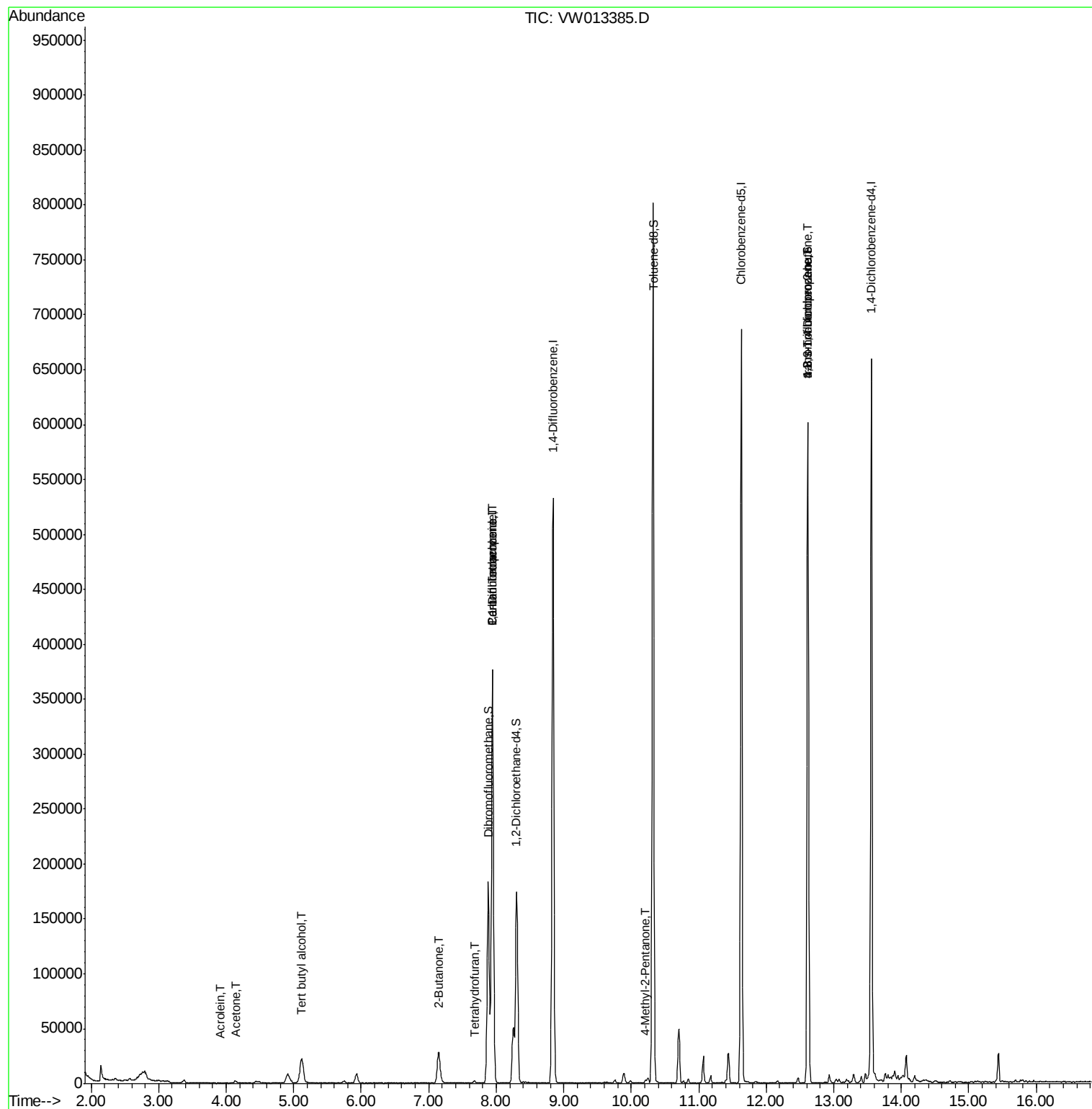
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	21530	95.214	ug/l #	74
13) Acrolein	3.91	56	25	10.678	ug/l #	15
16) Acetone	4.14	43	3929	5.433	ug/l #	79
25) 2-Butanone	7.14	43	2004	2.166	ug/l #	51
26) 2,2-Dichloropropane	7.13	77	2214	Below Cal	#	52
29) Tetrahydrofuran	7.68	42	25	9.738	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	19945	4.566	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26480	6.999	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	2361	1.239	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	84503	50.664	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84503	102.886	ug/l #	12

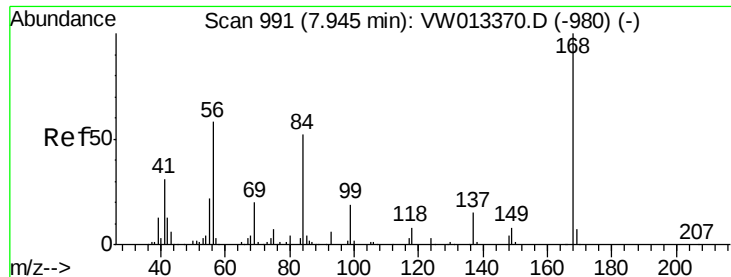
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Quant Time: Oct 03 07:03:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
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: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

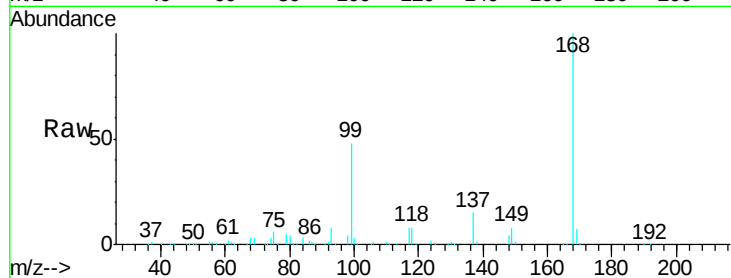
S-1A

Tgt Ion:168 Resp: 315992

Ion Ratio Lower Upper

168 100

99 48.0 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

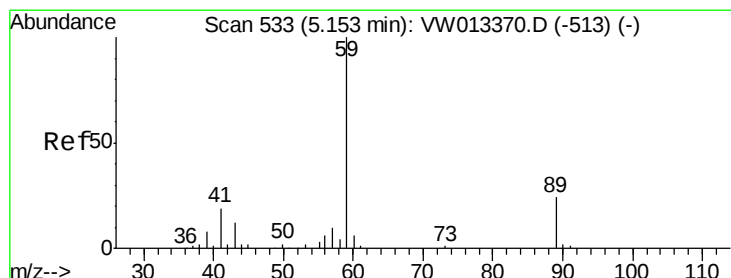
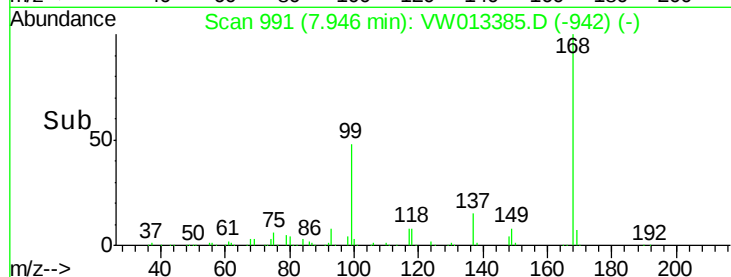
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 95.214 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: VW013385.D

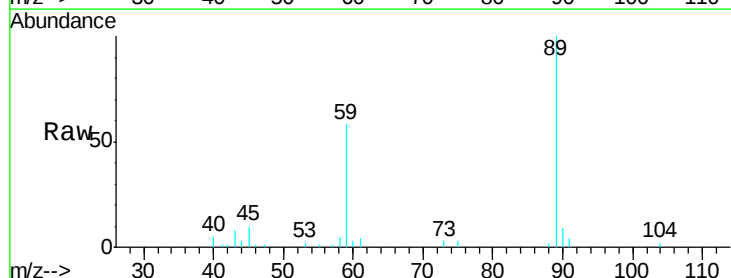
Acq: 02 Oct 2019 18:12

Tgt Ion: 59 Resp: 21530

Ion Ratio Lower Upper

59 100

57 0.7 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

6000

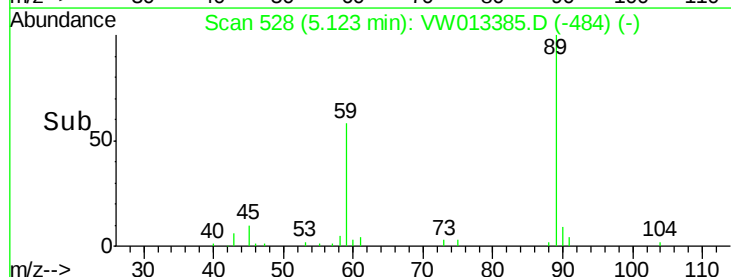
4000

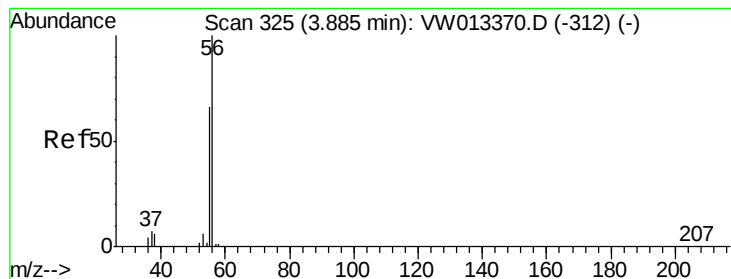
2000

0

5.00 5.10 5.20

Time-->





#13

Acrolein

Concen: 10.678 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampled :

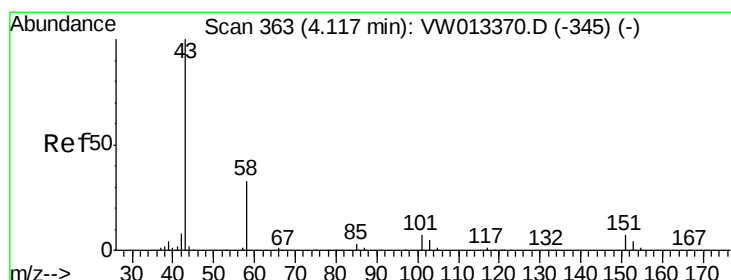
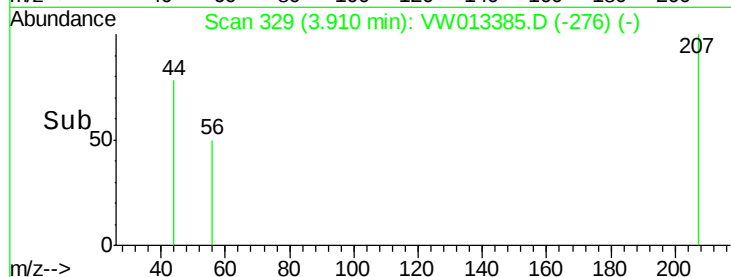
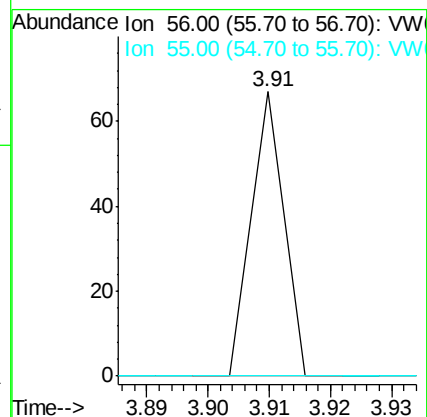
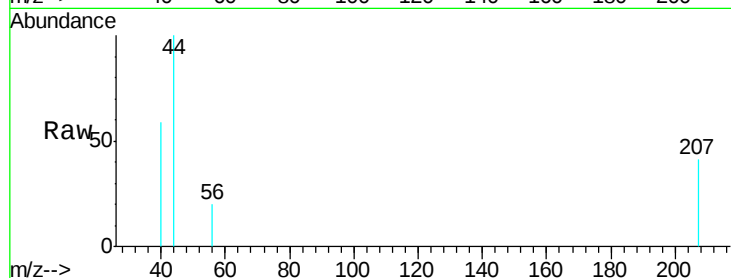
S-1A

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#16

Acetone

Concen: 5.433 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013385.D

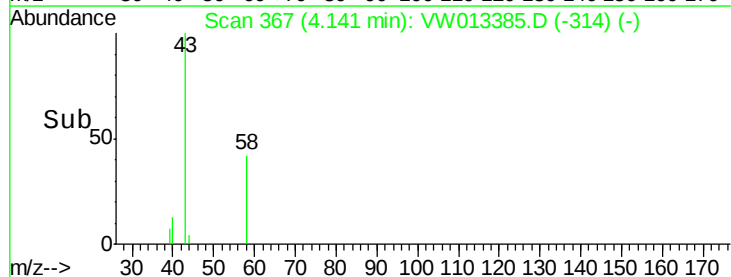
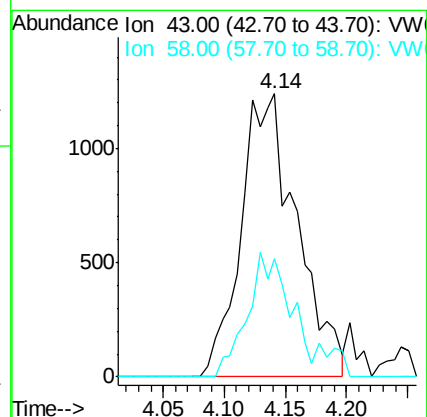
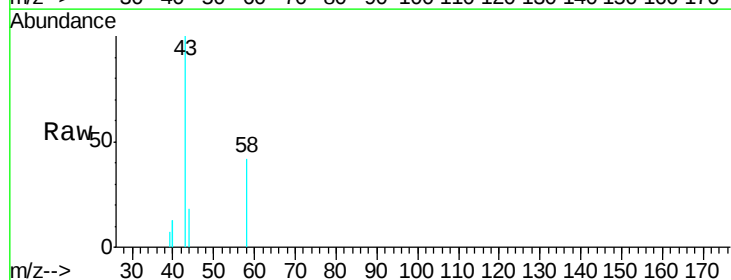
Acq: 02 Oct 2019 18:12

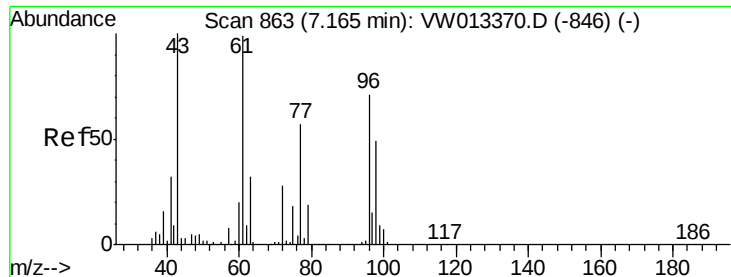
Tgt Ion: 43 Resp: 3929

Ion Ratio Lower Upper

43 100

58 41.6 24.1 36.1#





#25

2-Butanone

Concen: 2.166 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

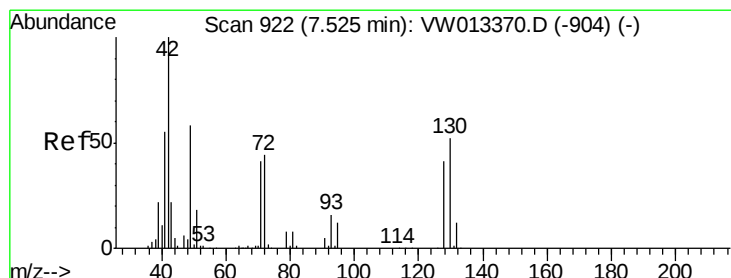
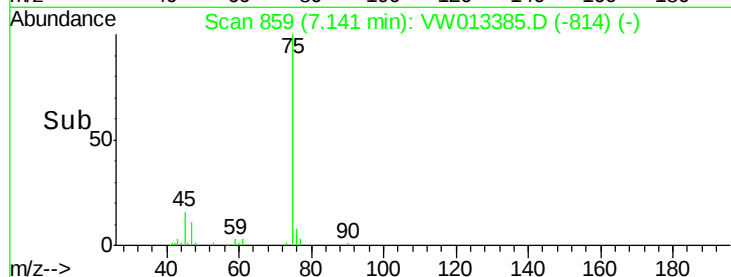
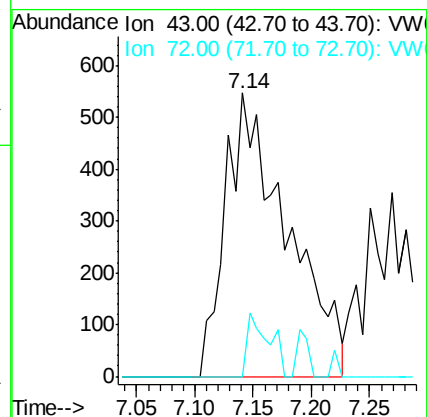
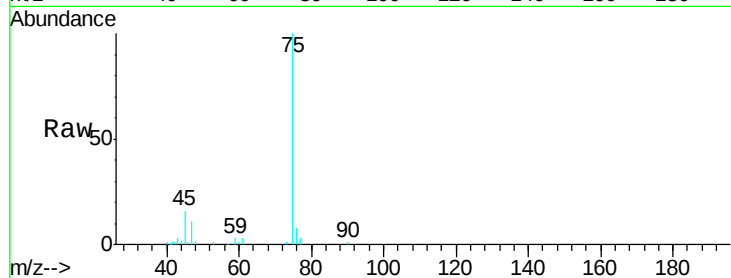
S-1A

Tgt Ion: 43 Resp: 2004

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#29

Tetrahydrofuran

Concen: 9.738 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.16 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

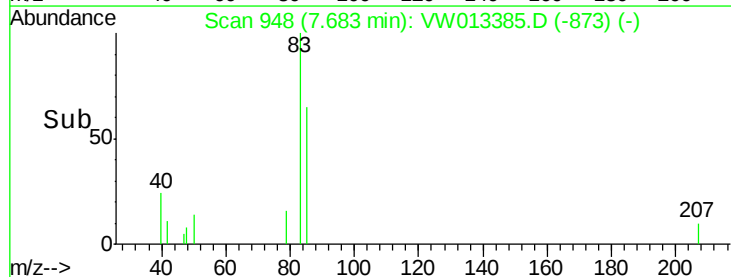
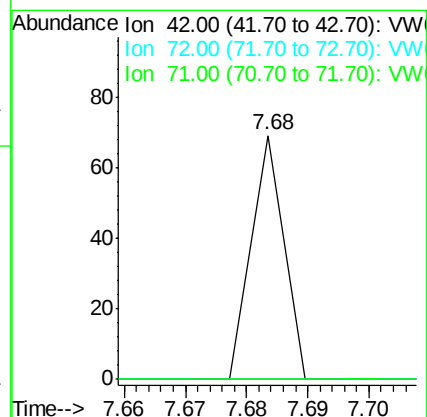
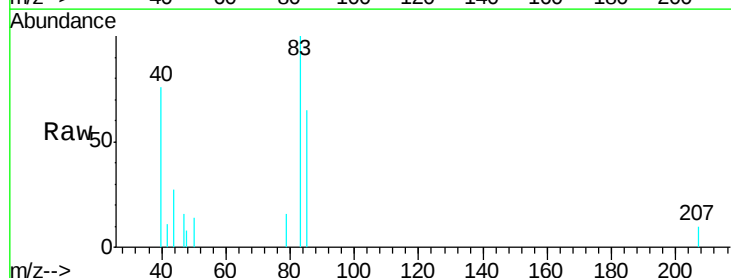
Tgt Ion: 42 Resp: 25

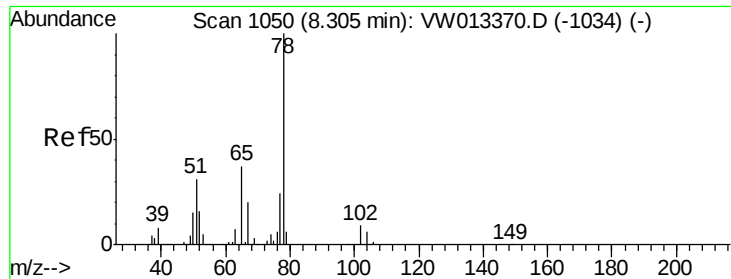
Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

71 0.0 31.9 47.9#

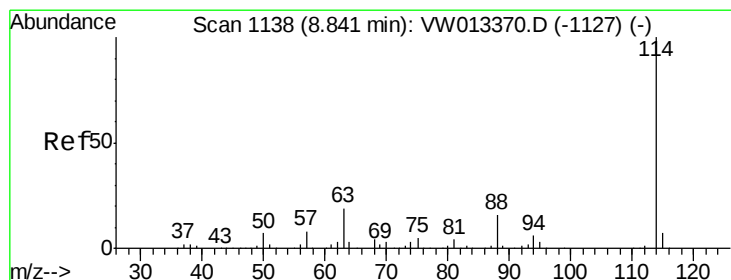
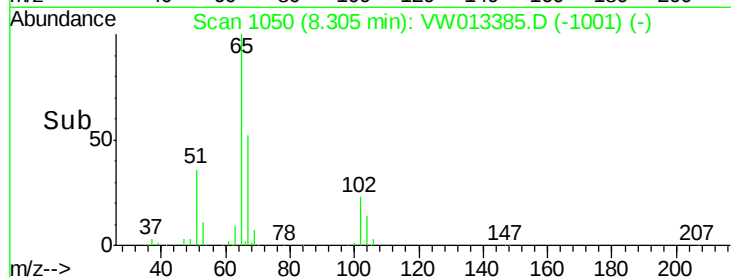
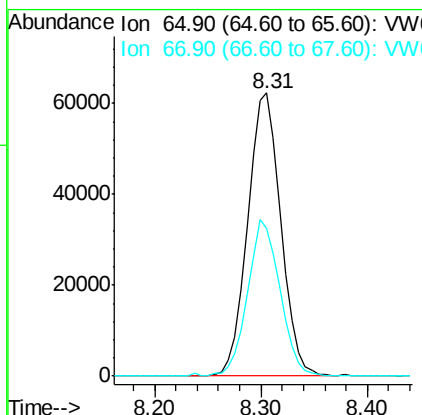
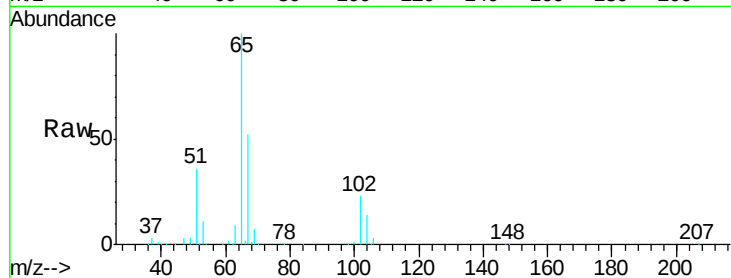




#33
 1,2-Dichloroethane-d4
 Concen: 57.885 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

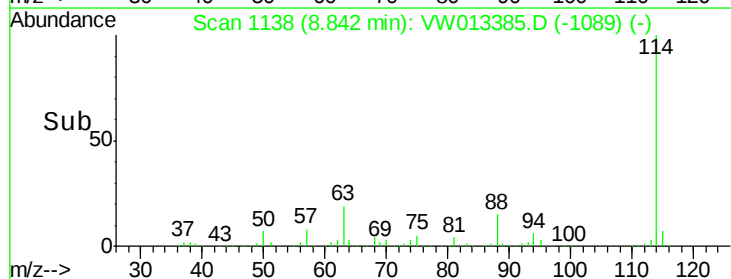
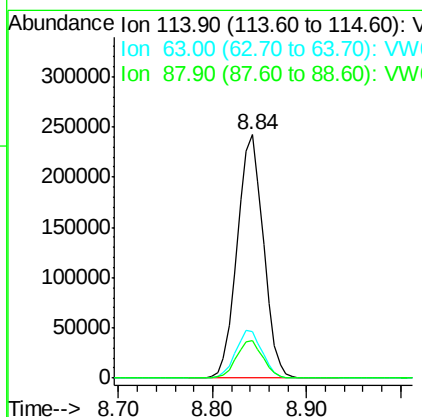
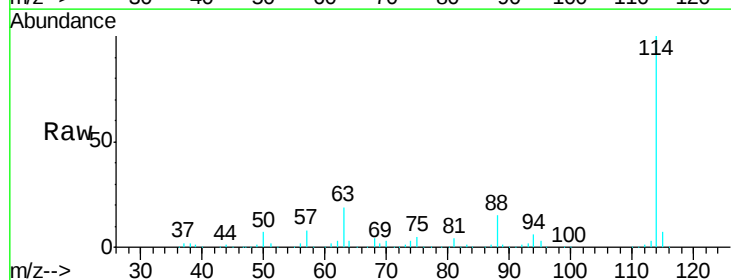
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1A

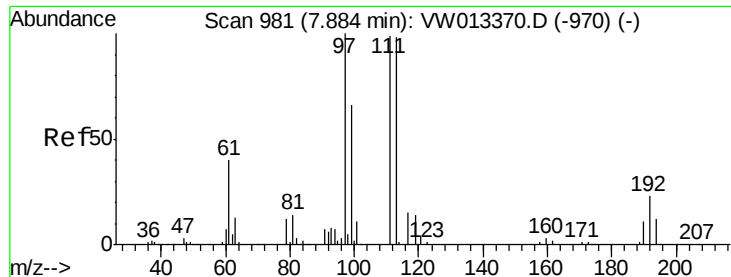
Tgt Ion: 65 Resp: 136576
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 114 Resp: 470259
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 15.3 0.0 32.0

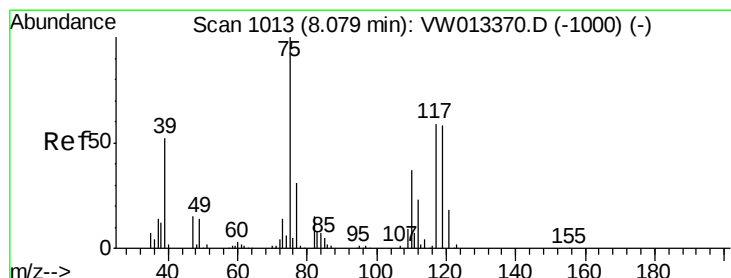
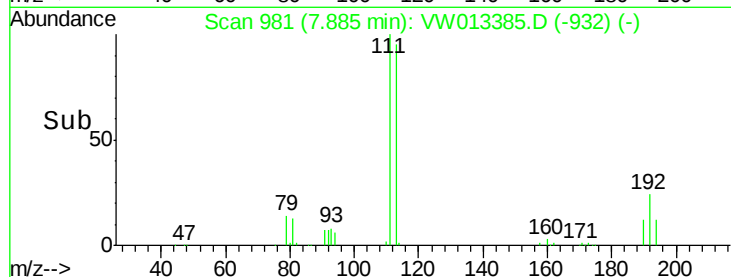
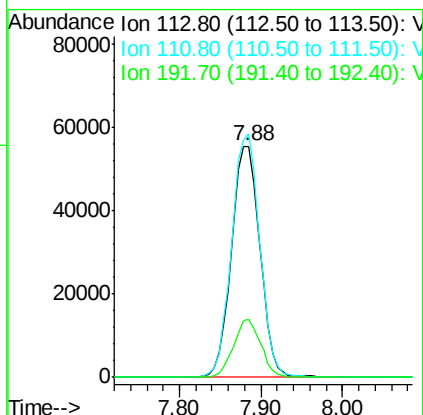
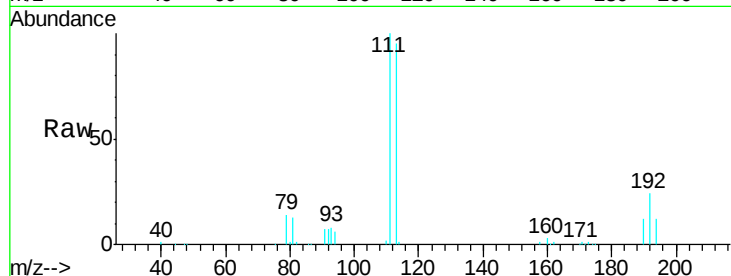




#35
 Dibromofluoromethane
 Concen: 54.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

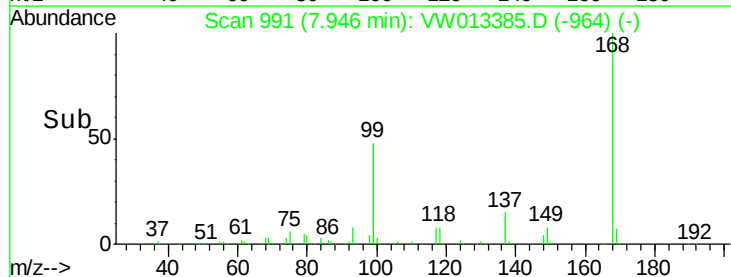
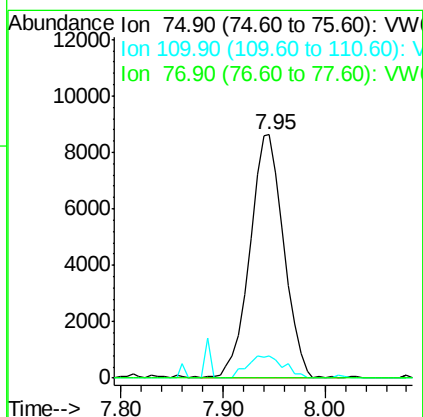
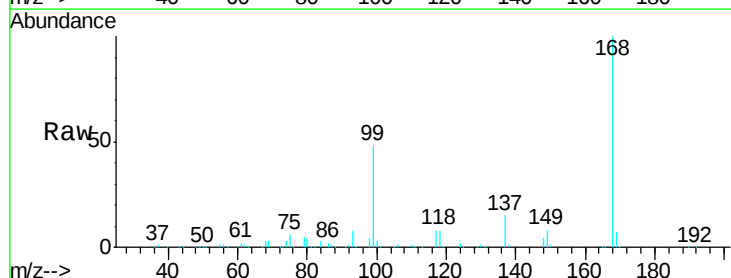
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1A

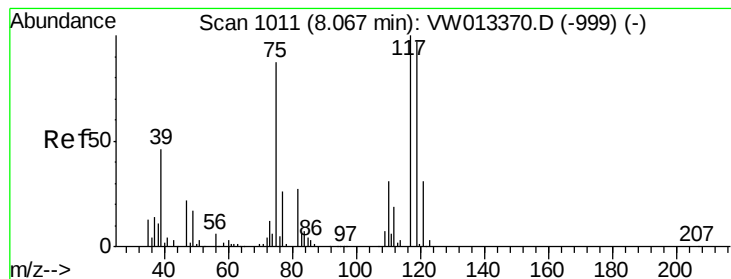
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	23.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.566 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.3#
77	0.0	25.8	38.6#





#38

Carbon Tetrachloride

Concen: 6.999 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

S-1A

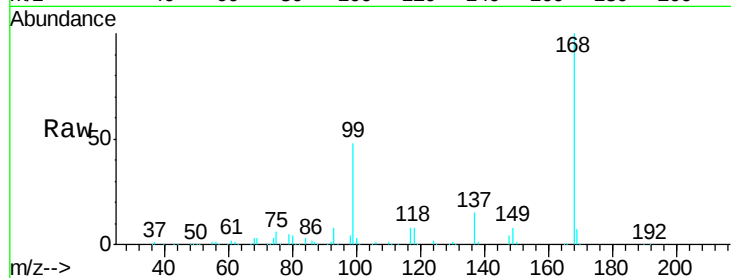
Tgt Ion:117 Resp: 26480

Ion Ratio Lower Upper

117 100

119 5.0 73.5 110.3#

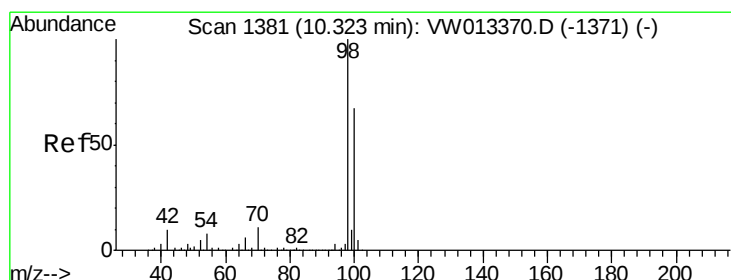
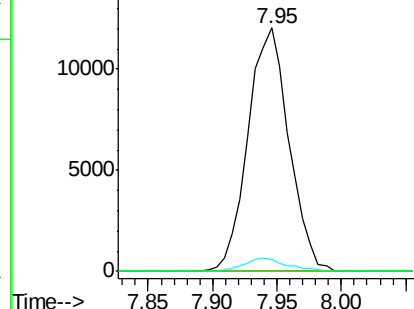
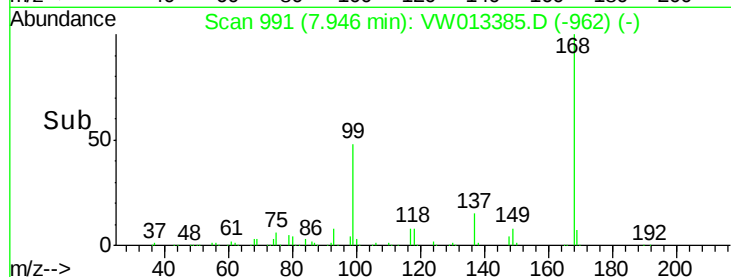
121 0.0 25.0 37.6#



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: 53.583 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013385.D

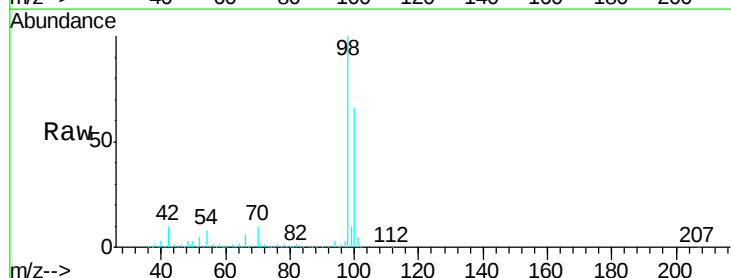
Acq: 02 Oct 2019 18:12

Tgt Ion: 98 Resp: 548690

Ion Ratio Lower Upper

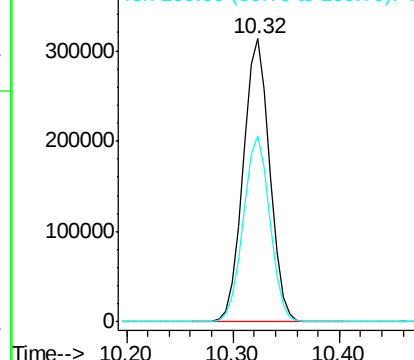
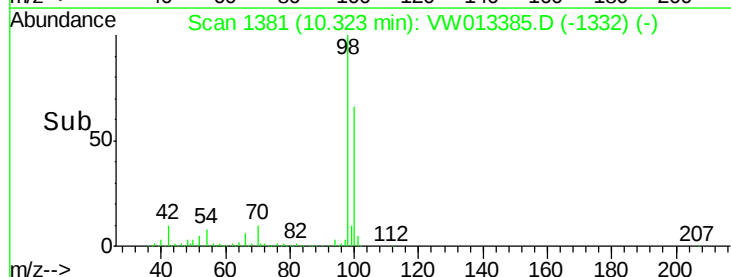
98 100

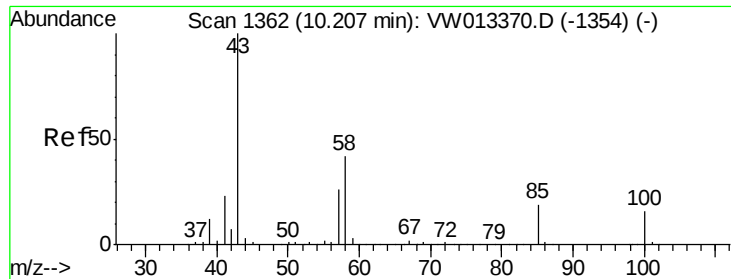
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

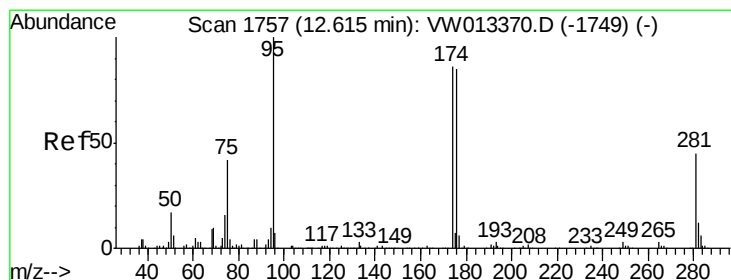
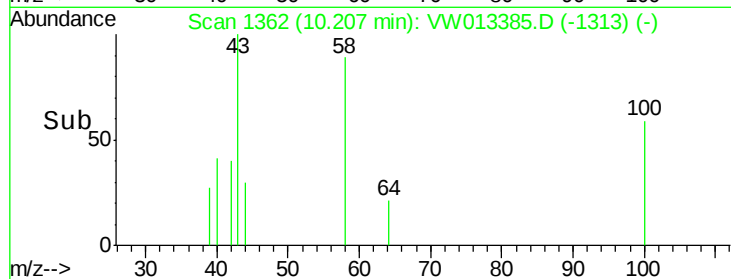
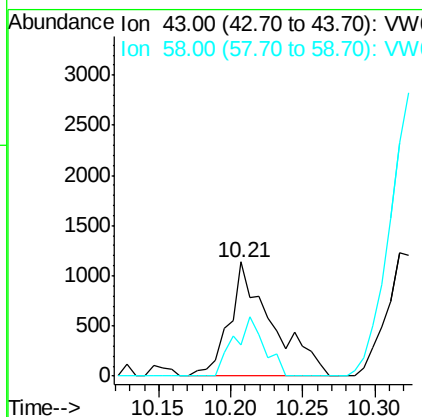
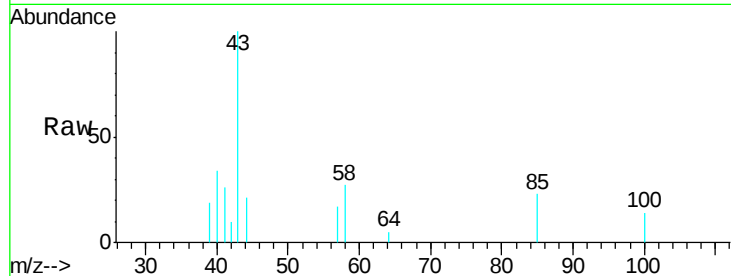




#51
 4-Methyl-2-Pentanone
 Concen: 1.239 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

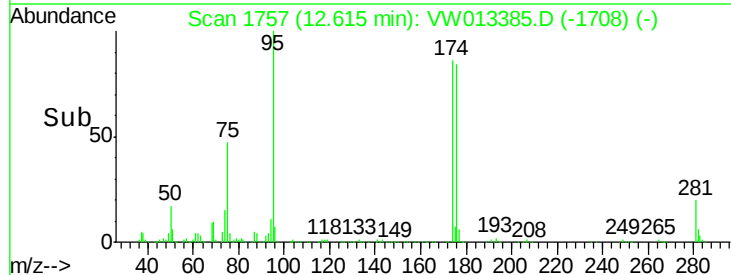
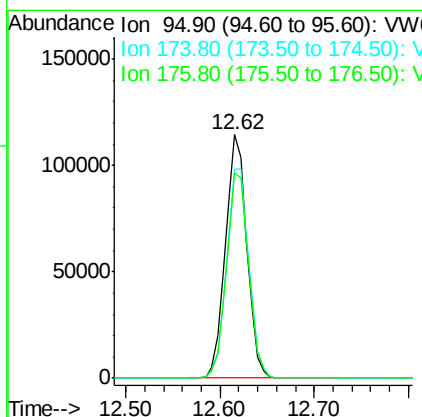
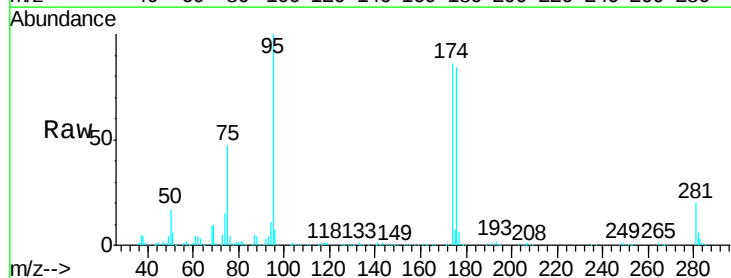
Instrument :
 MSVOA_W
 ClientSampled :
 S-1A

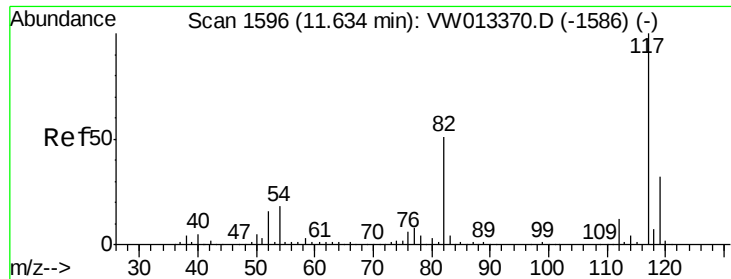
Tgt Ion: 43 Resp: 2361
 Ion Ratio Lower Upper
 43 100
 58 36.3 31.7 47.5



#62
 4-Bromofluorobenzene
 Concen: 52.655 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013385.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 95 Resp: 180054
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 178.4
 176 86.9 0.0 172.2

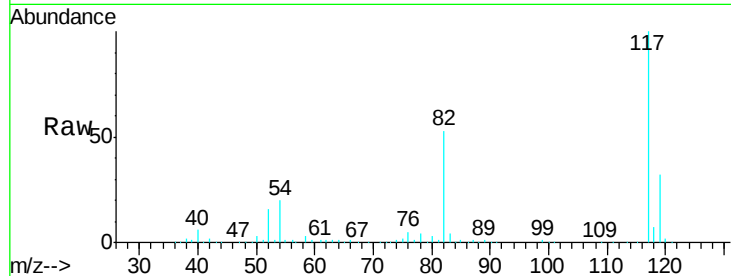




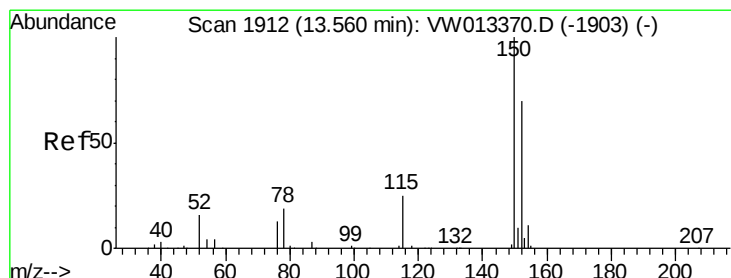
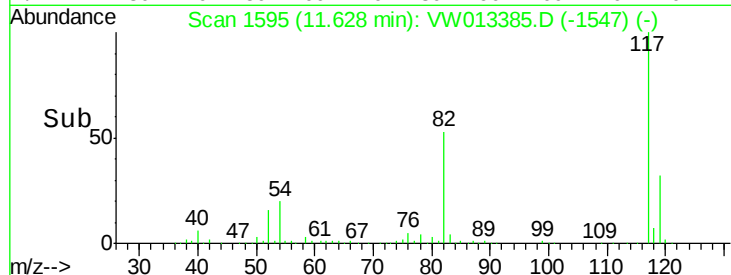
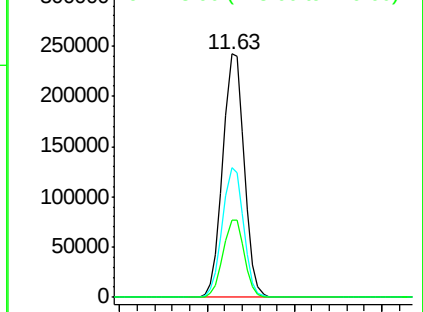
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013385.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_W
ClientSampled :
S-1A

Tgt Ion:117 Resp: 411577
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.6 26.2 39.2

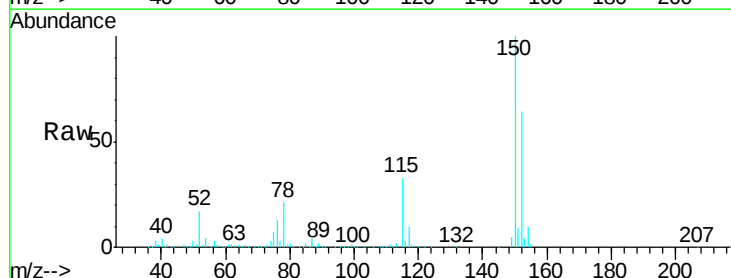


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

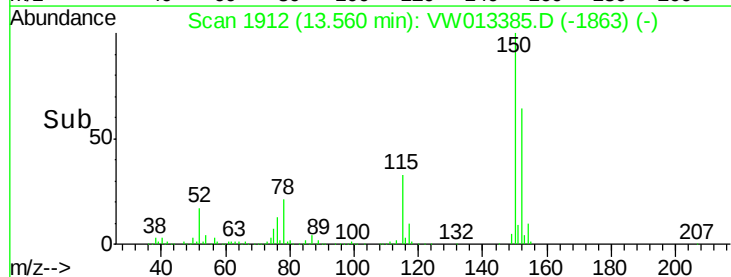
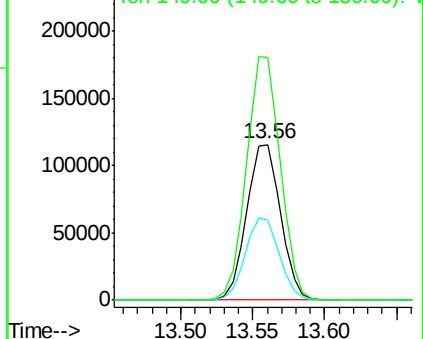


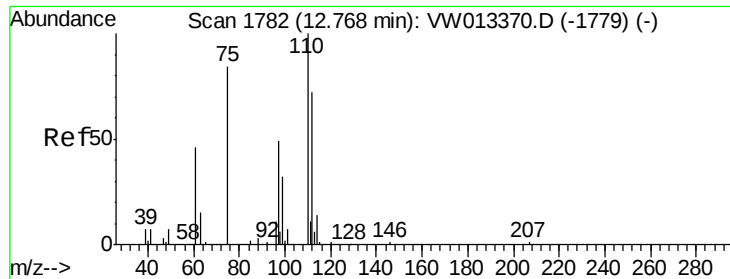
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013385.D
Acq: 02 Oct 2019 18:12

Tgt Ion:152 Resp: 187666
Ion Ratio Lower Upper
152 100
115 53.1 27.3 81.9
150 156.4 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: 50.664 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

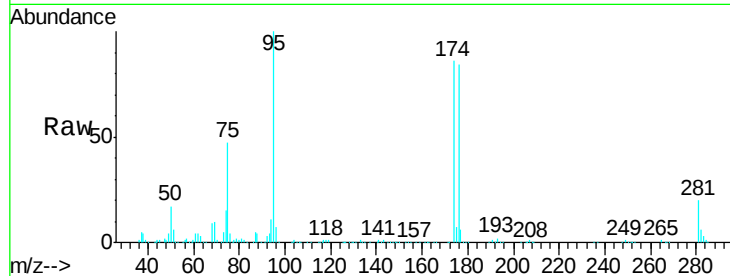
S-1A

Tgt Ion: 75 Resp: 84503

Ion Ratio Lower Upper

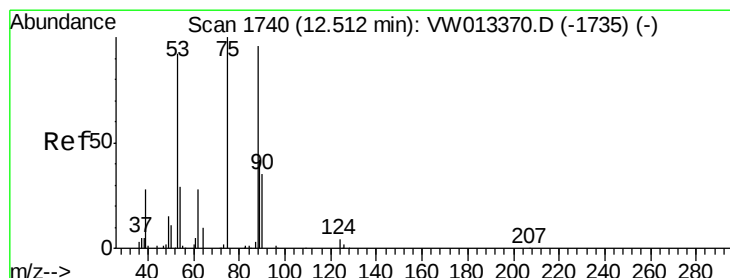
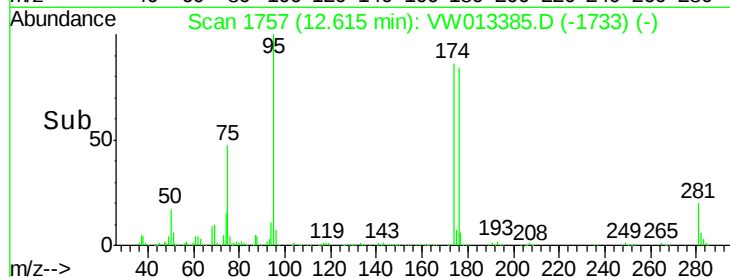
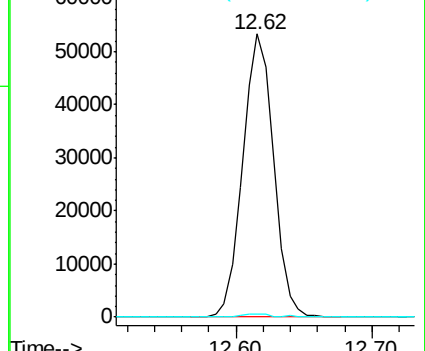
75 100

77 1.3 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: 102.886 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013385.D

Acq: 02 Oct 2019 18:12

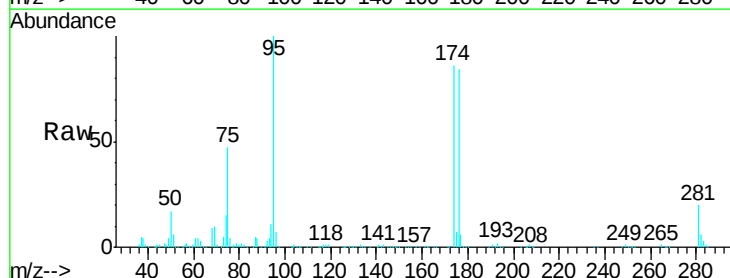
Tgt Ion: 75 Resp: 84503

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.1 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

