

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011831.D
 Acq On : 10 Aug 2019 00:17
 Operator : SY/VA
 Sample : K4227-18
 Misc : 5.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O-(1)

Quant Time: Aug 11 01:30:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112990	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	138387	58.62	ug/l	0.00
Spiked Amount			Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	107908	56.35	ug/l	0.00
Spiked Amount			Recovery	=	112.70%	
50) Toluene-d8	10.32	98	419545	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	132593	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	

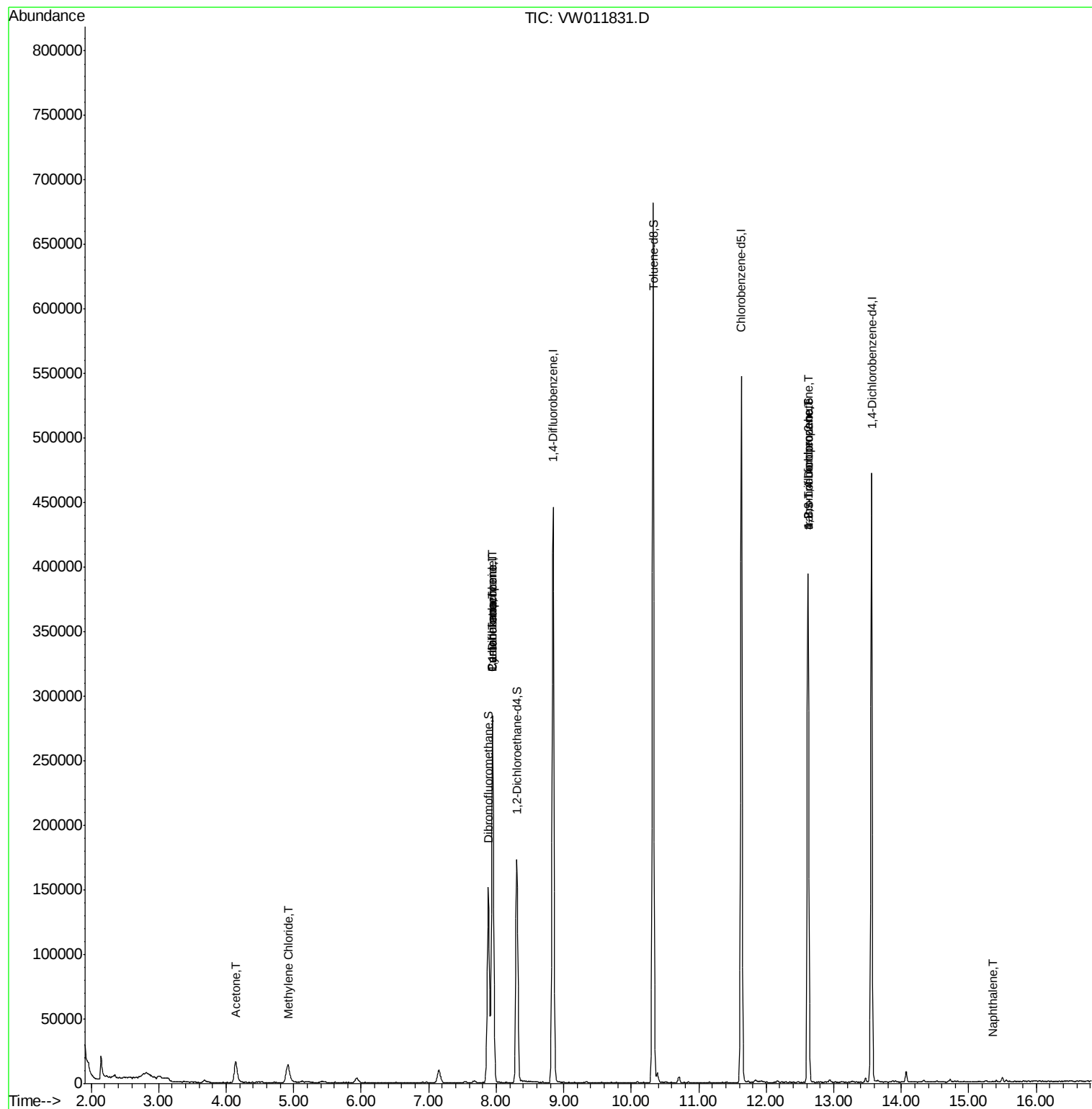
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	289	Below Cal	#	75
16) Acetone	4.14	43	33956	45.219	ug/l	99
20) Methylene Chloride	4.91	84	10777	4.161	ug/l	95
31) Cyclohexane	7.95	56	5554	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18320	5.161	ug/l #	51
38) Carbon Tetrachloride	7.94	117	20925	6.886	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71834	60.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71834	138.472	ug/l #	6
95) Naphthalene	15.36	128	154	2.099	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
Data File : VW011831.D
Acq On : 10 Aug 2019 00:17
Operator : SY/VA
Sample : K4227-18
Misc : 5.37G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
1S-O-(1)

Quant Time: Aug 11 01:30:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011831.D

Acq: 10 Aug 2019 00:17

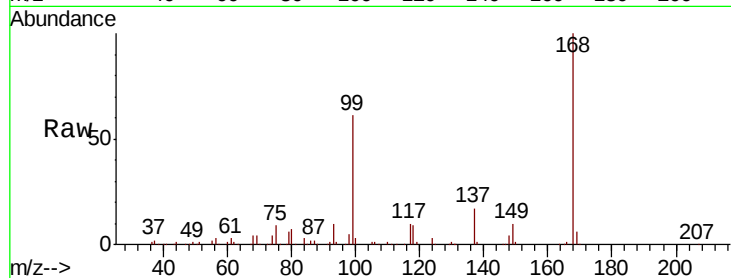
Instrument :
MSVOA_W
ClientSampleId :
1S-O-(1)

Tgt Ion:168 Resp: 205584

Ion Ratio Lower Upper

168 100

99 61.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

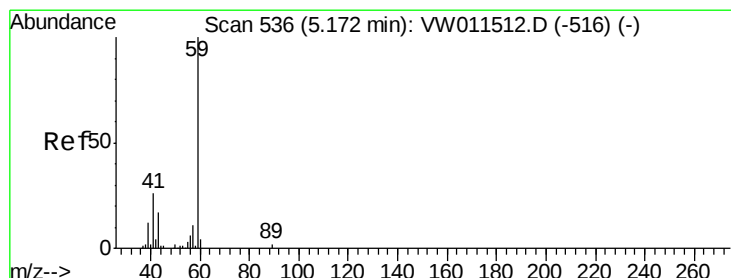
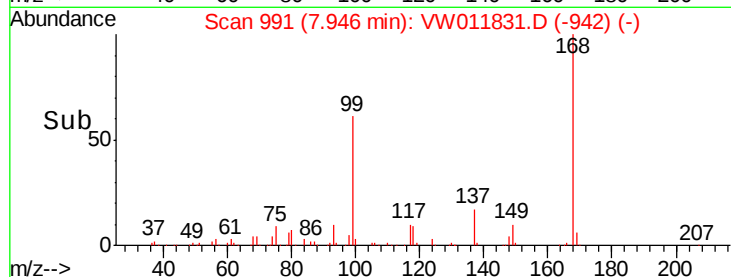
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW011831.D

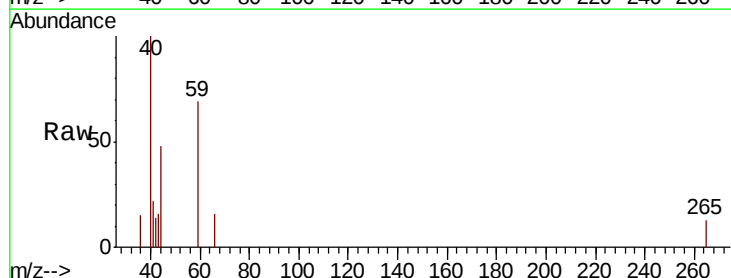
Acq: 10 Aug 2019 00:17

Tgt Ion: 59 Resp: 289

Ion Ratio Lower Upper

59 100

57 20.1 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

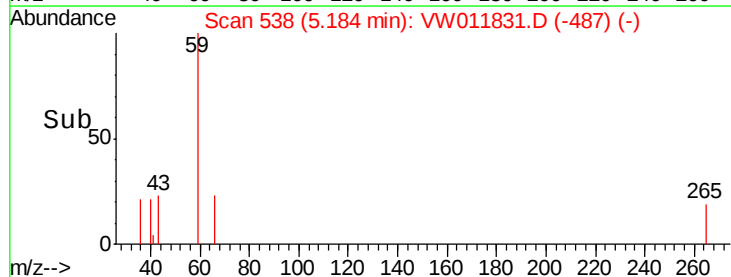
300

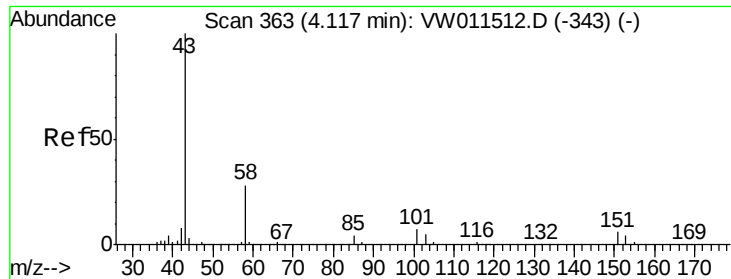
200

100

0

Time--> 5.16 5.18 5.20





#16

Acetone

Concen: 45.219 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

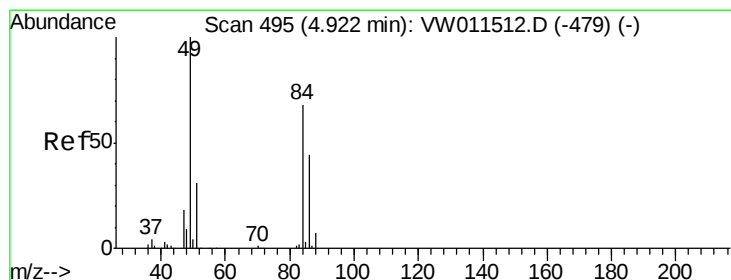
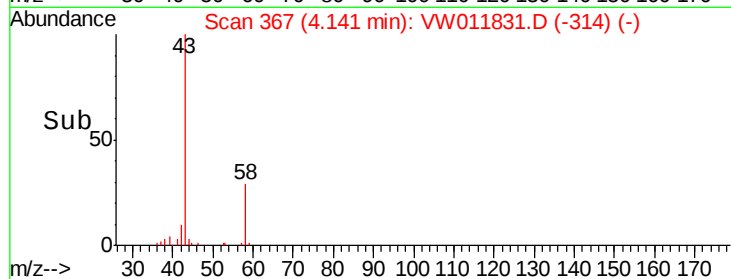
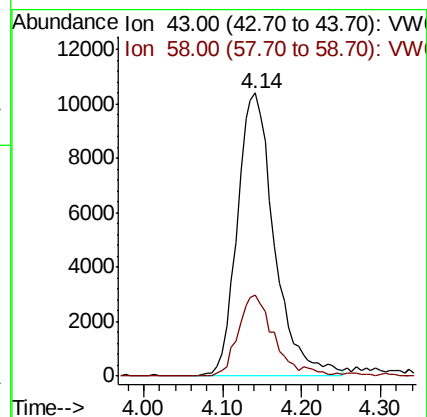
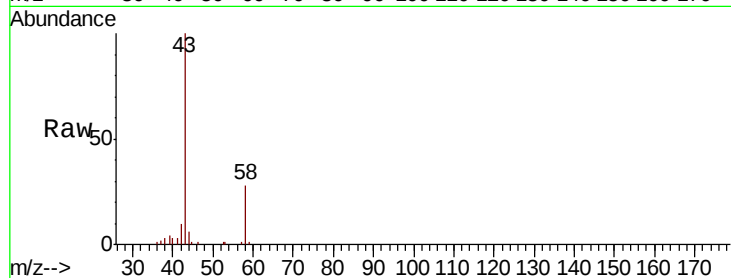
1S-O(1)

Tgt Ion: 43 Resp: 33956

Ion Ratio Lower Upper

43 100

58 28.5 22.3 33.5



#20

Methylene Chloride

Concen: 4.161 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

Tgt Ion: 84 Resp: 10777

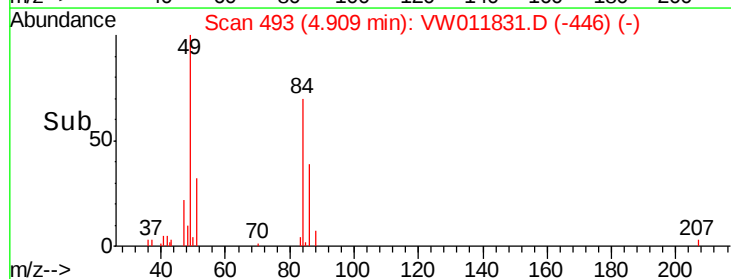
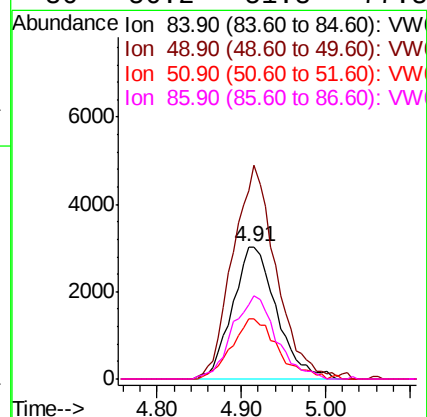
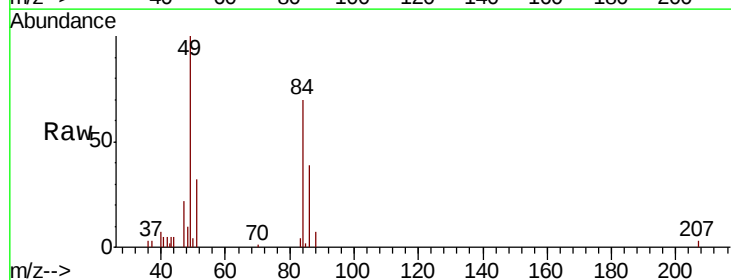
Ion Ratio Lower Upper

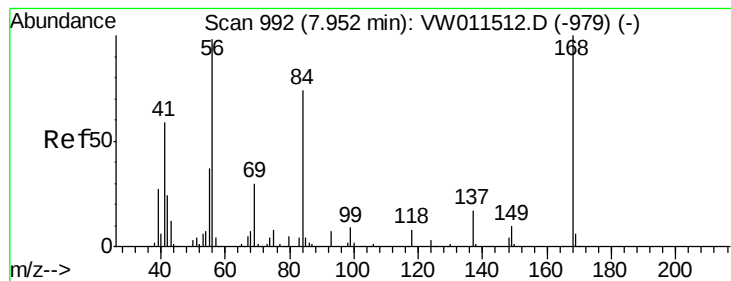
84 100

49 142.6 117.8 176.6

51 45.6 37.0 55.4

86 56.2 51.8 77.8





#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

Instrument :

MSVOA_W

ClientSampleID :

1S-O-(1)

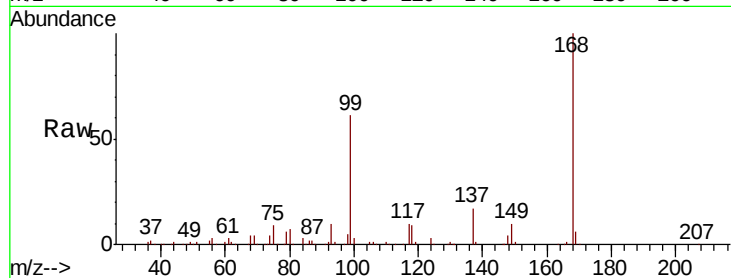
Tgt Ion: 56 Resp: 5554

Ion Ratio Lower Upper

56 100

69 157.9 24.3 36.5#

84 120.7 60.4 90.6#

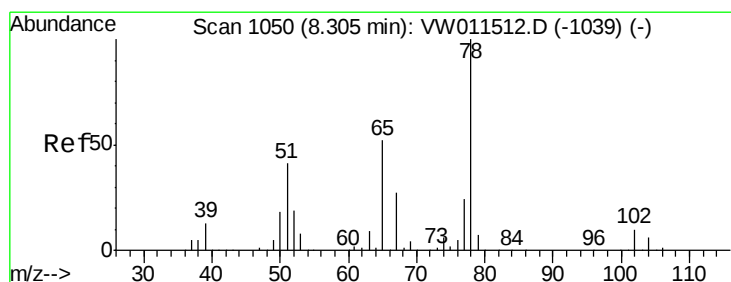
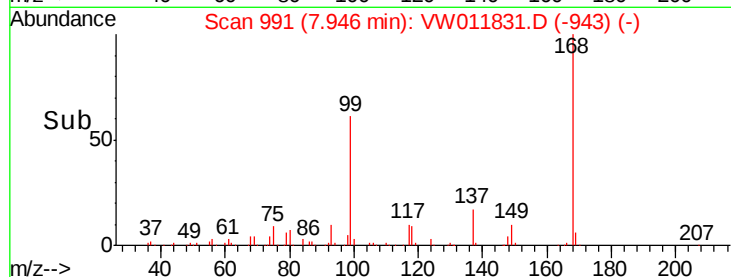
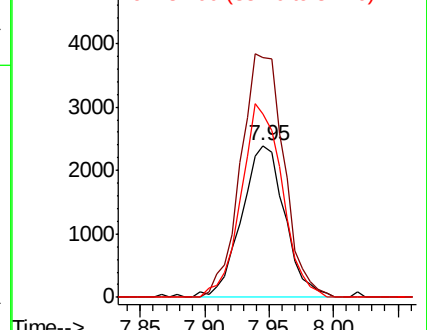


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 58.622 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011831.D

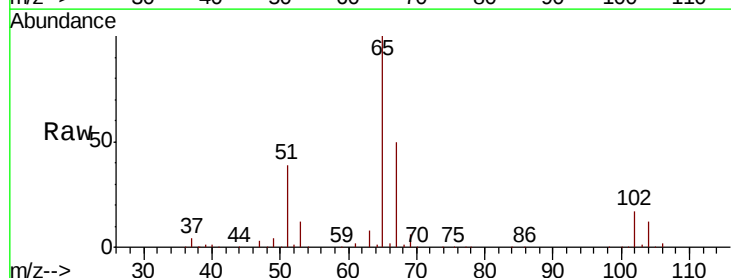
Acq: 10 Aug 2019 00:17

Tgt Ion: 65 Resp: 138387

Ion Ratio Lower Upper

65 100

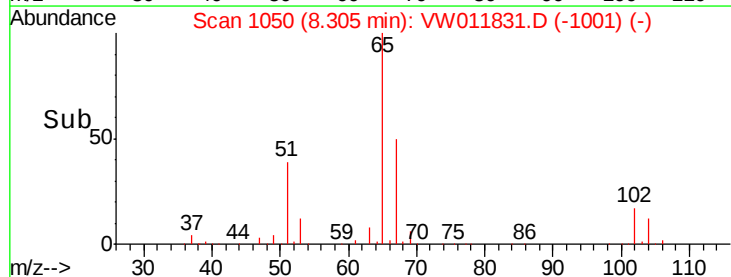
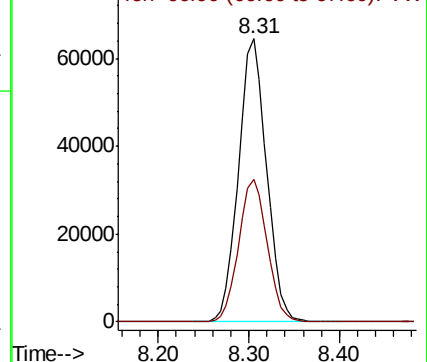
67 51.2 0.0 105.2

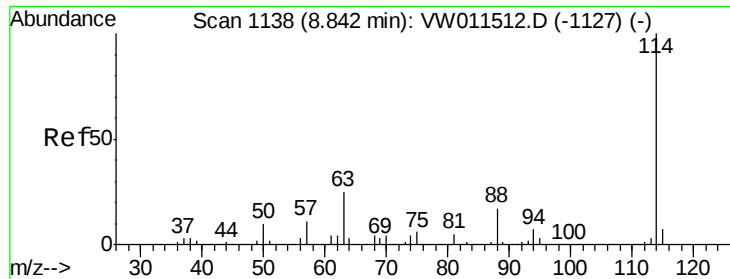


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

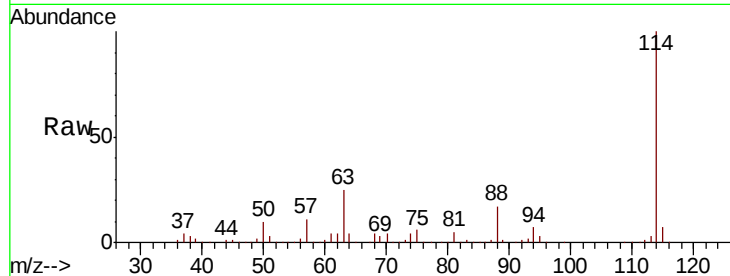




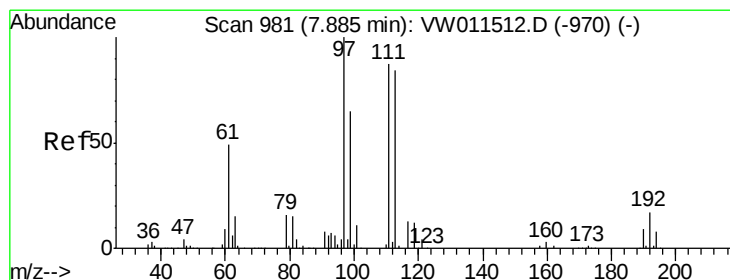
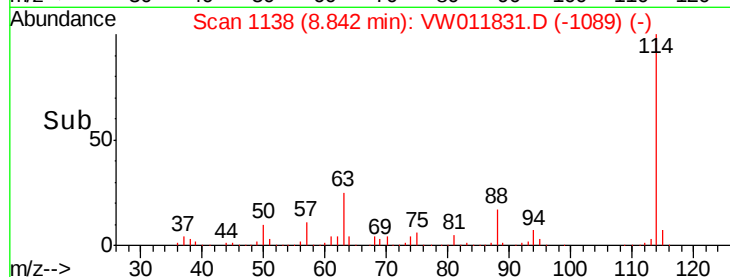
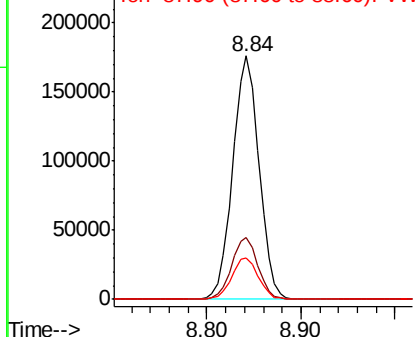
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011831.D
 Acq: 10 Aug 2019 00:17

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O-(1)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	16.9	0.0	33.8

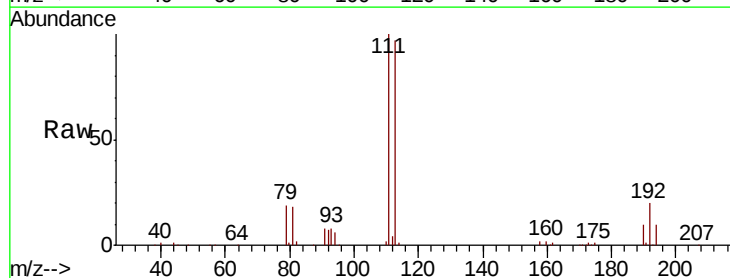


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

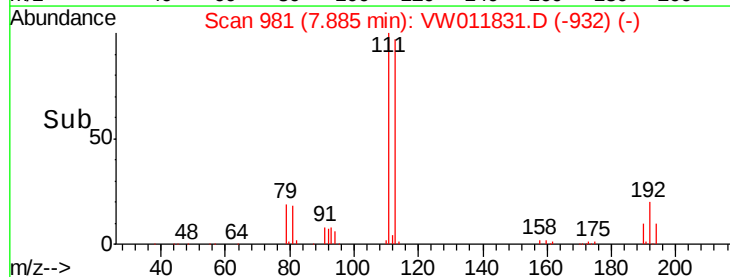
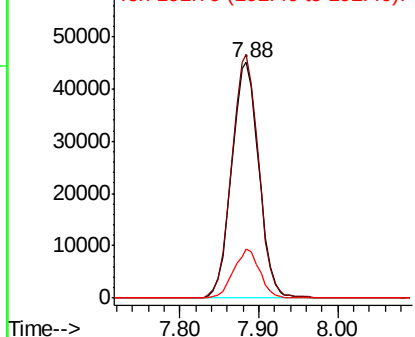


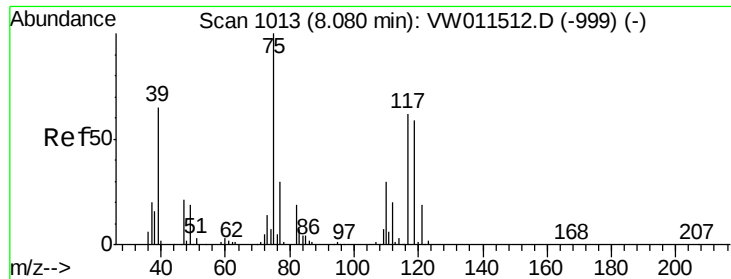
#35
 Dibromofluoromethane
 Concen: 56.345 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011831.D
 Acq: 10 Aug 2019 00:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	19.9	16.1	24.1



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

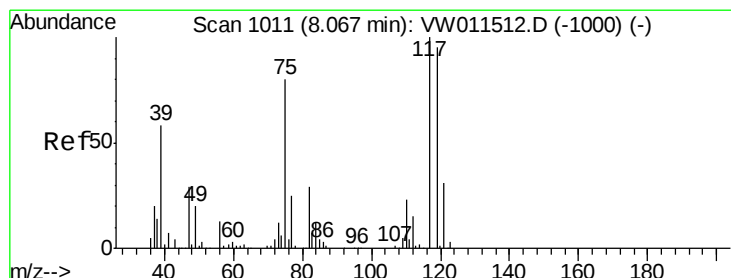
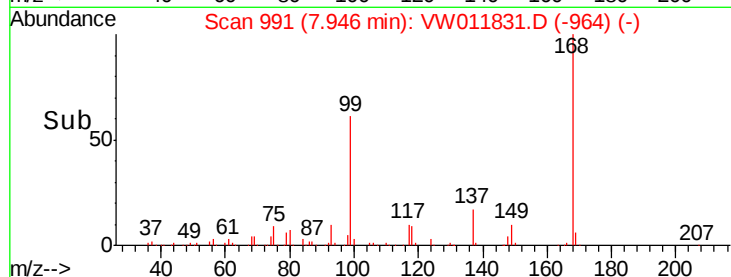
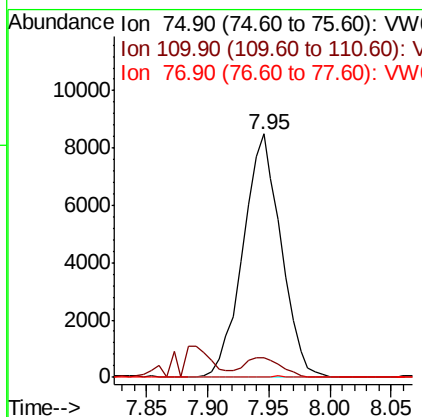
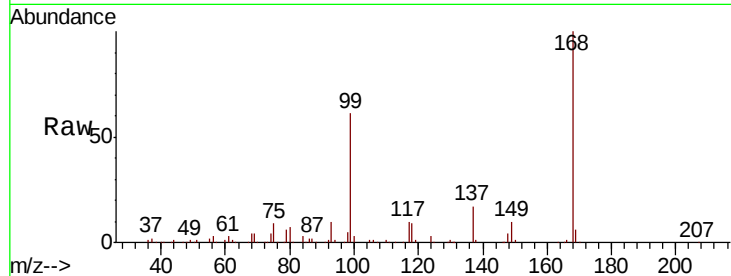




#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011831.D
 Acq: 10 Aug 2019 00:17

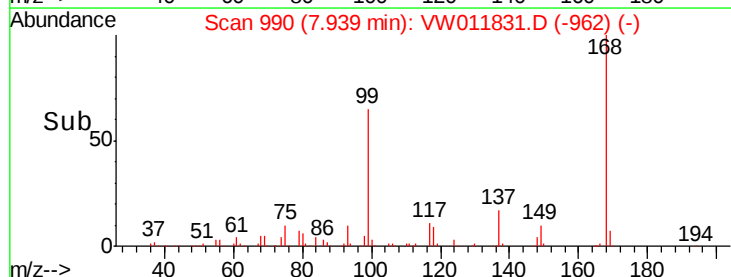
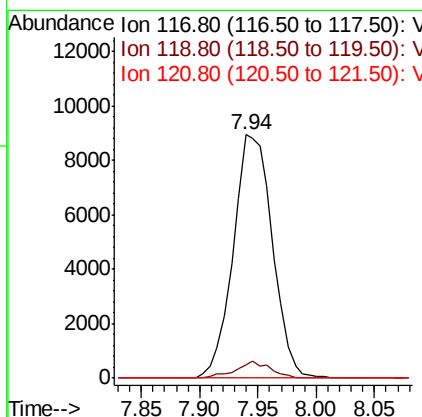
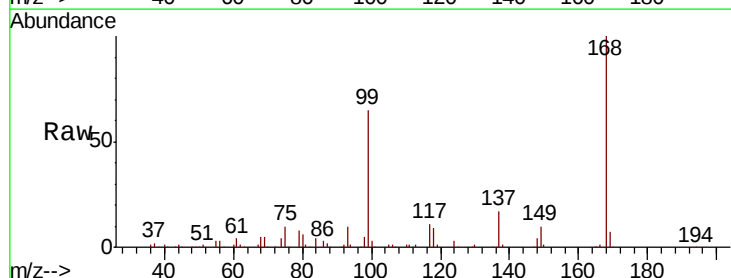
Instrument :
 MSVOA_W
 ClientSampled :
 1S-O(1)

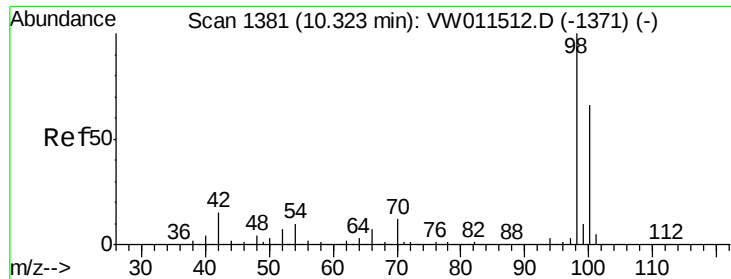
Tgt Ion: 75 Resp: 18320
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.6 46.8#
 77 0.1 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.886 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011831.D
 Acq: 10 Aug 2019 00:17

Tgt Ion: 117 Resp: 20925
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.506 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

Instrument :

MSVOA_W

ClientSampled :

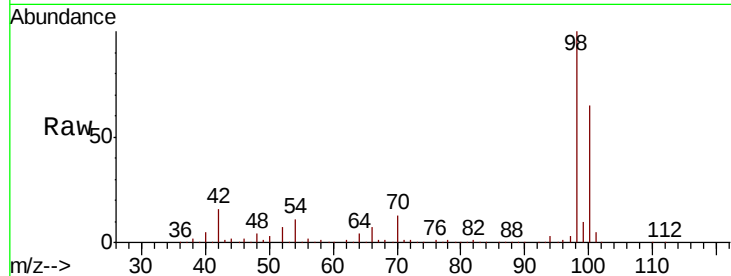
1S-O-(1)

Tgt Ion: 98 Resp: 419545

Ion Ratio Lower Upper

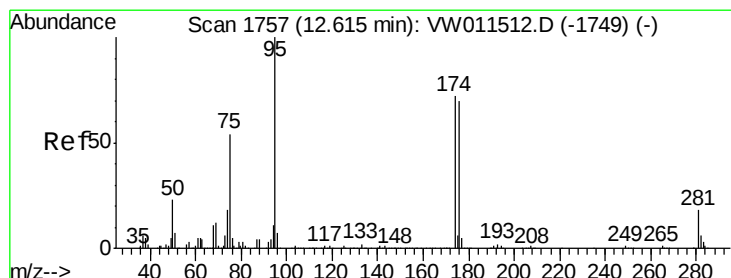
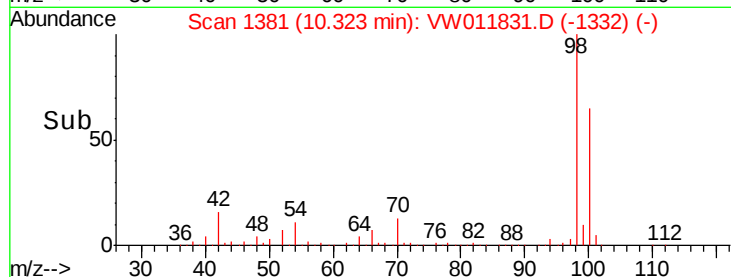
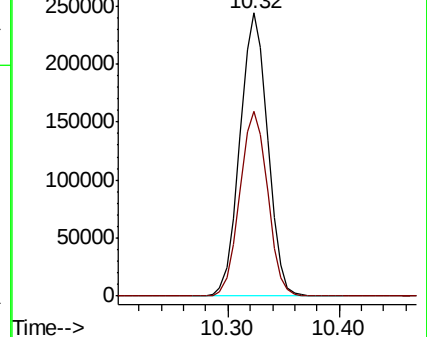
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.431 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

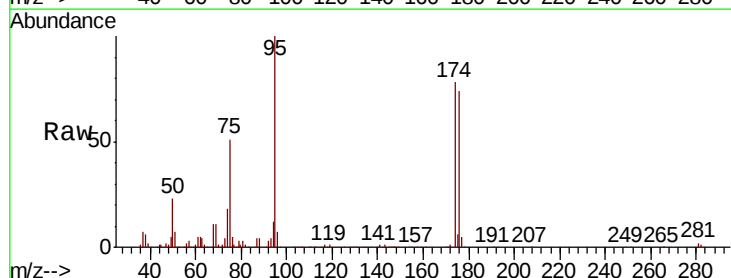
Tgt Ion: 95 Resp: 132593

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

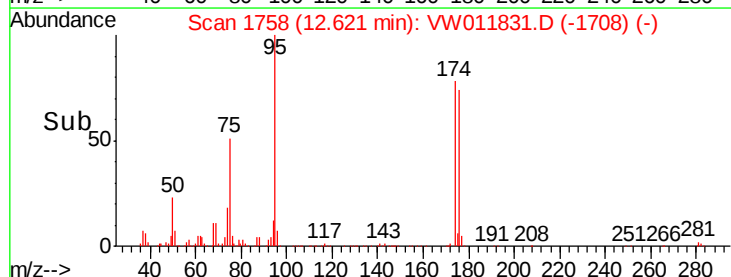
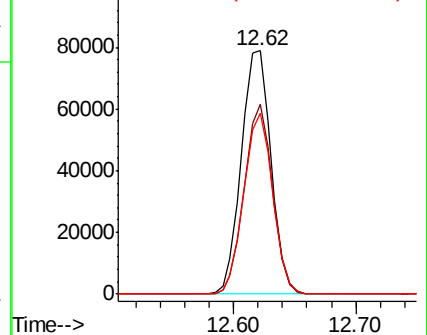
176 72.4 0.0 144.4

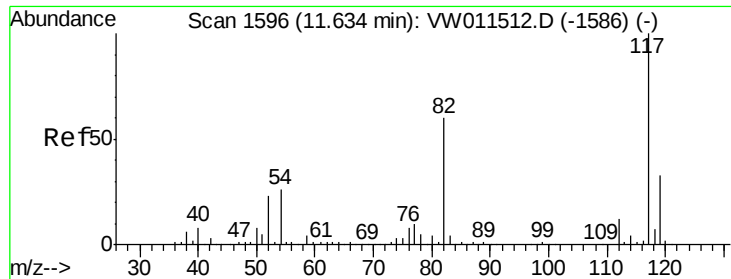


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

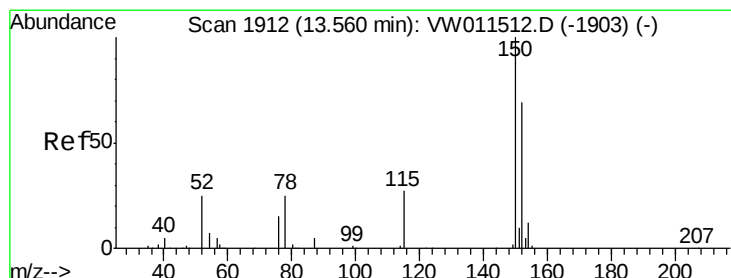
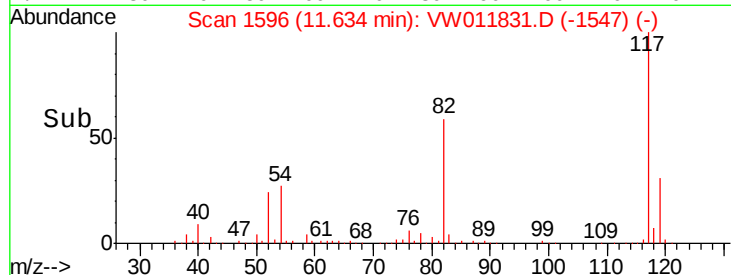
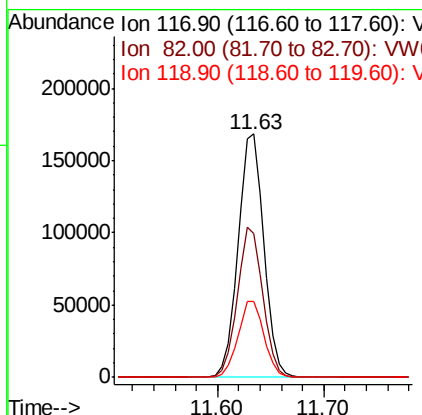
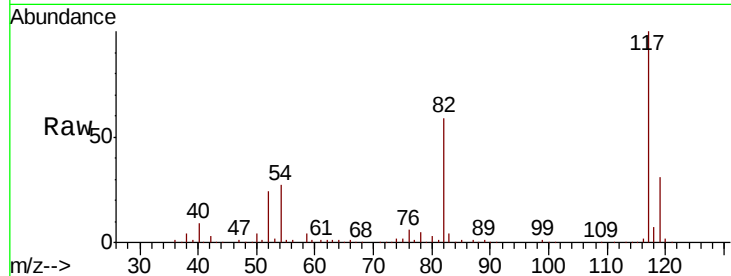




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011831.D
Acq: 10 Aug 2019 00:17

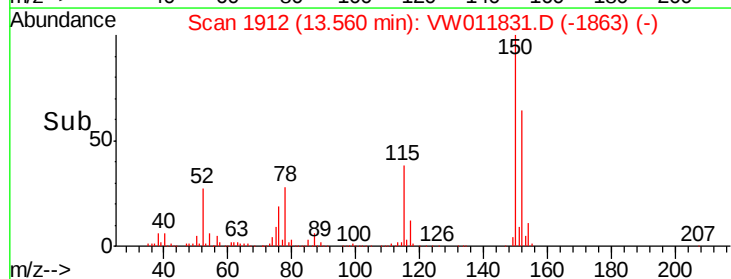
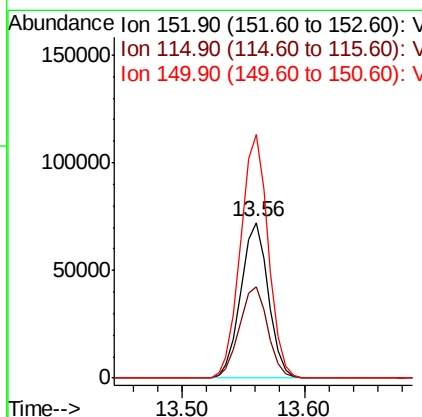
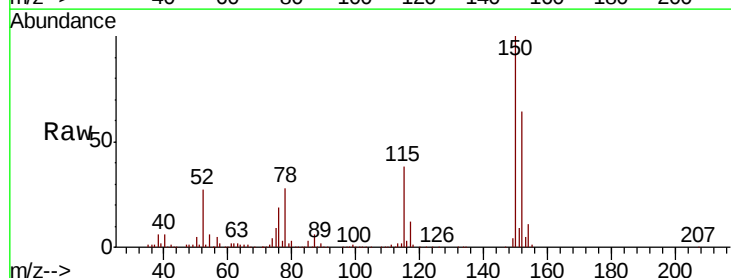
Instrument :
MSVOA_W
ClientSampled :
1S-O(1)

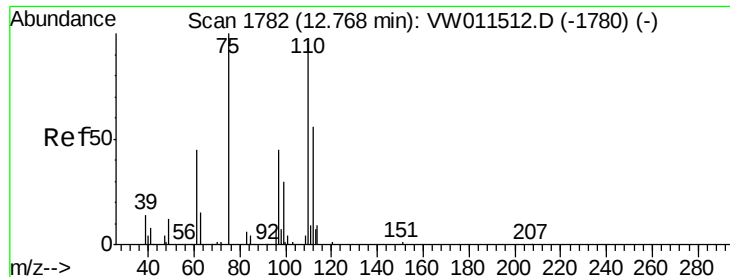
Tgt Ion:117 Resp: 286260
Ion Ratio Lower Upper
117 100
82 59.3 47.9 71.9
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011831.D
Acq: 10 Aug 2019 00:17

Tgt Ion:152 Resp: 112990
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 157.2 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 60.084 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

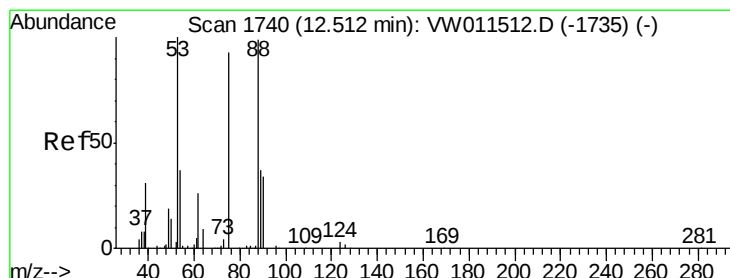
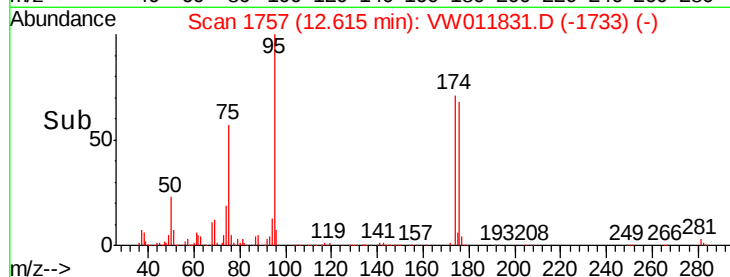
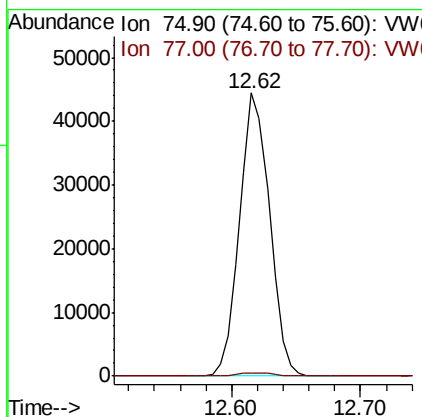
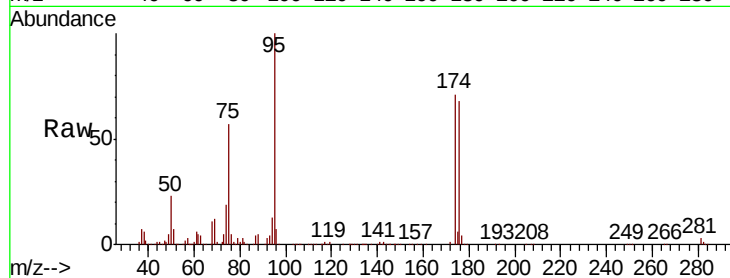
1S-O-(1)

Tgt Ion: 75 Resp: 71834

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.472 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011831.D

Acq: 10 Aug 2019 00:17

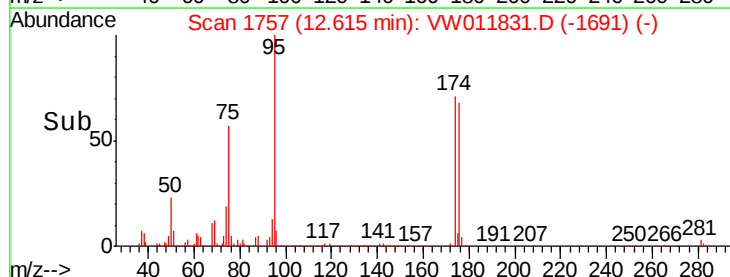
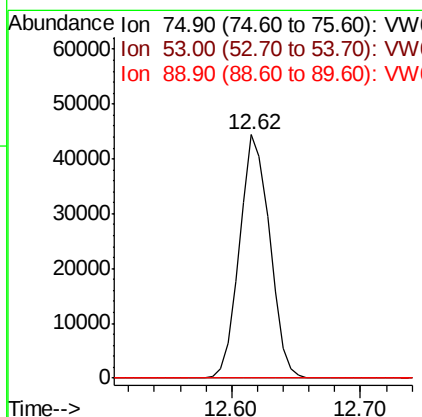
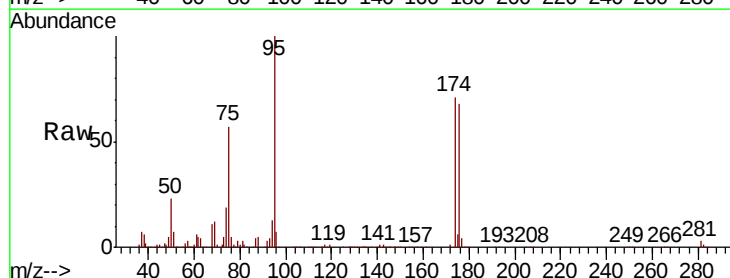
Tgt Ion: 75 Resp: 71834

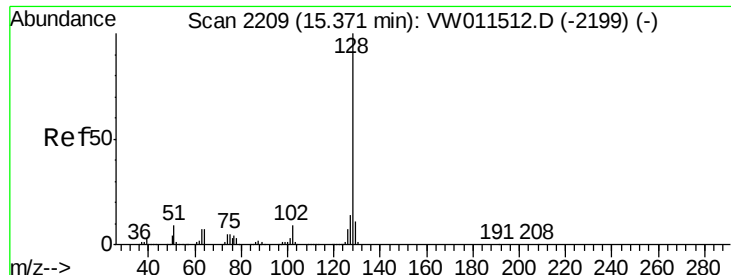
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.099 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW011831.D

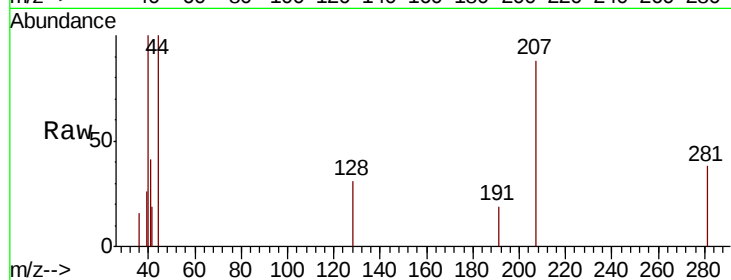
Acq: 10 Aug 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

1S-O-(1)



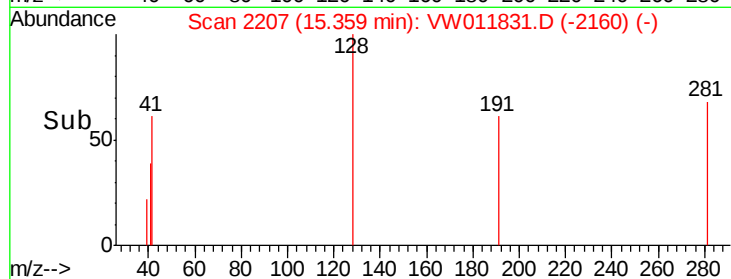
Tgt Ion:128 Resp: 154

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

