

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011821.D
 Acq On : 09 Aug 2019 20:00
 Operator : SY/VA
 Sample : K4227-03
 Misc : 4.39G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 11 01:29:13 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	205838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112572	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	133273	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
35) Dibromofluoromethane	7.88	113	105167	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
50) Toluene-d8	10.32	98	421303	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.62	95	132267	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	

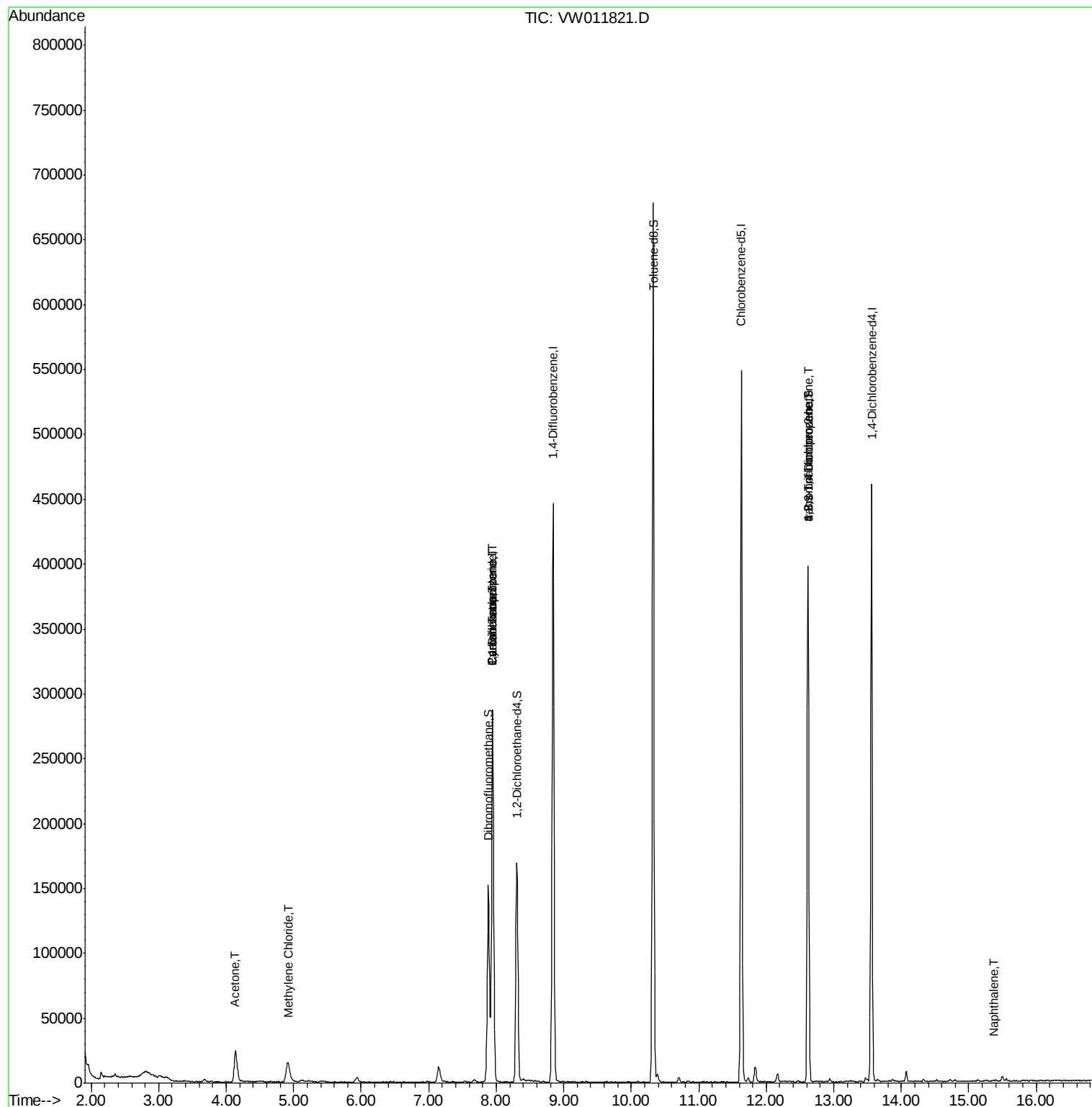
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	355	Below Cal	#	33
16) Acetone	4.14	43	49258	65.515	ug/l	99
20) Methylene Chloride	4.92	84	12039	4.643	ug/l	91
31) Cyclohexane	7.95	56	5386	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17690	5.008	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20425	6.755	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71495	60.022	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71495	138.331	ug/l #	6
95) Naphthalene	15.36	128	636	2.203	ug/l #	82

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

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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: VW011821.D

Acq: 09 Aug 2019 20:00

Instrument :

MSVOA_W

ClientSampled :

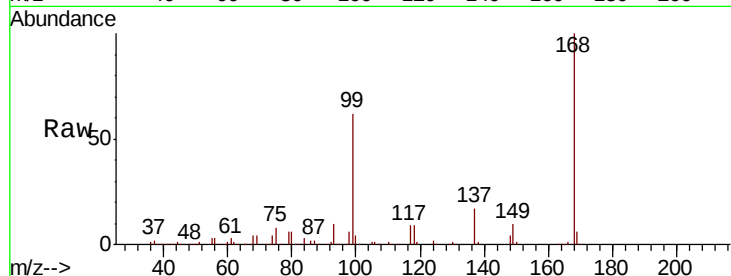
1S-I(1)

Tgt Ion:168 Resp: 205838

Ion Ratio Lower Upper

168 100

99 61.6 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

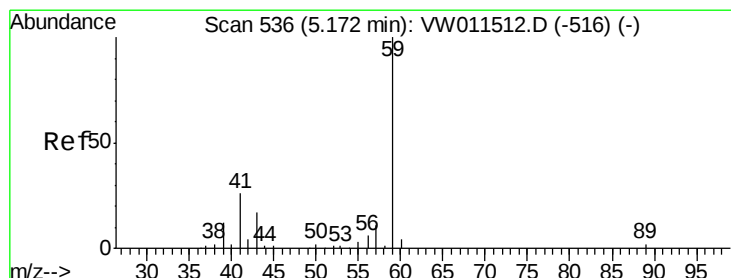
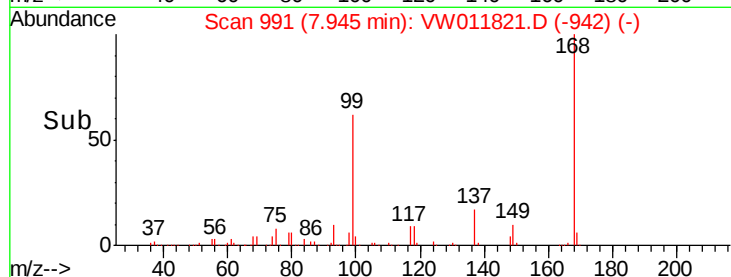
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 543

Delta R.T. 0.04 min

Lab File: VW011821.D

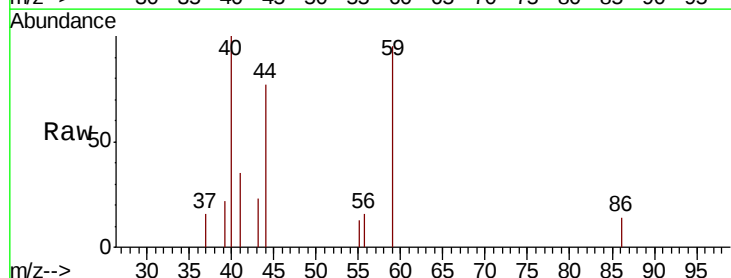
Acq: 09 Aug 2019 20:00

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

59 100

57 35.8 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

500

400

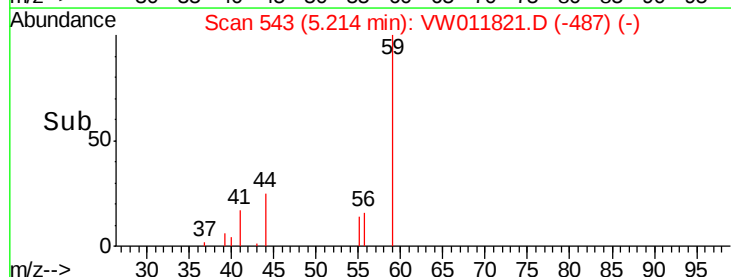
300

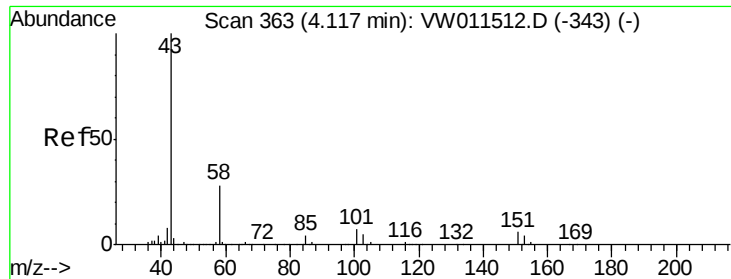
200

100

0

Time--> 5.15 5.20

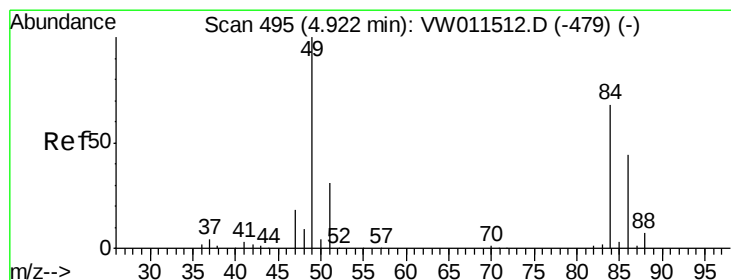
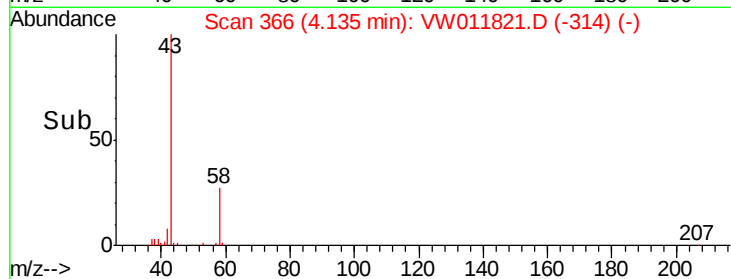
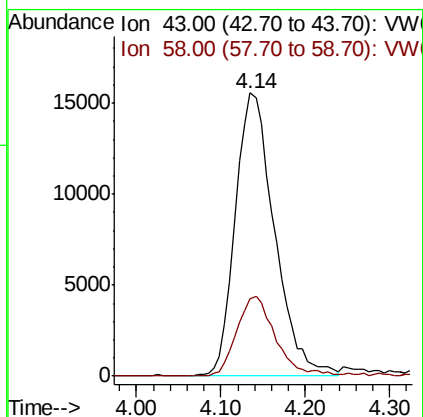
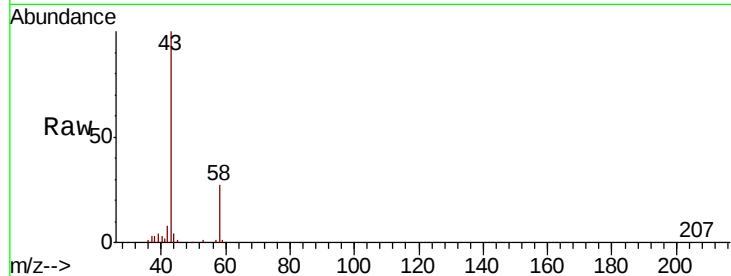




#16
Acetone
Concen: 65.515 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

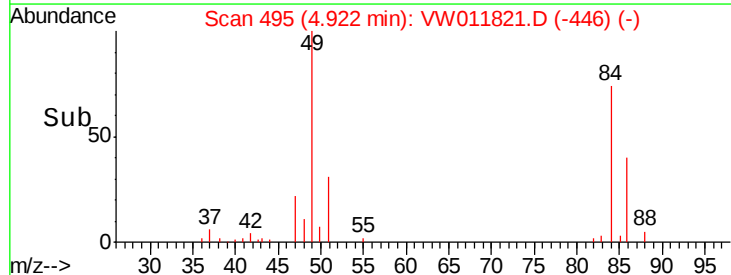
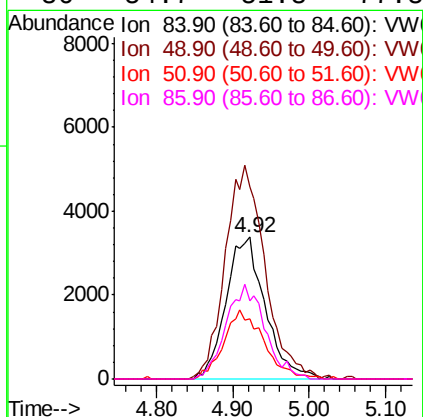
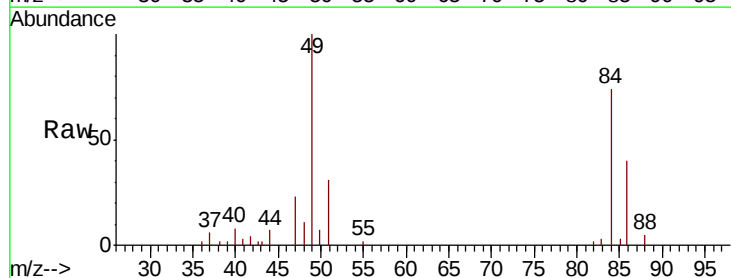
Instrument :
MSVOA_W
ClientSampleId :
1S-I(1)

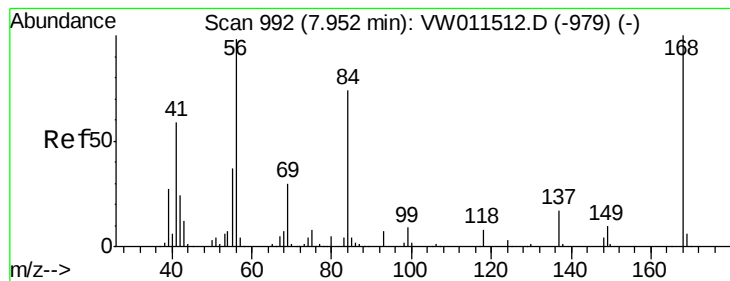
Tgt Ion: 43 Resp: 49258
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5



#20
Methylene Chloride
Concen: 4.643 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

Tgt Ion: 84 Resp: 12039
Ion Ratio Lower Upper
84 100
49 135.7 117.8 176.6
51 42.7 37.0 55.4
86 54.7 51.8 77.8





#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011821.D

Acq: 09 Aug 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

1S-I(1)

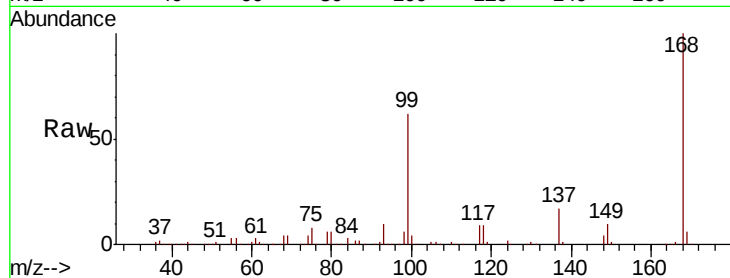
Tgt Ion: 56 Resp: 5386

Ion Ratio Lower Upper

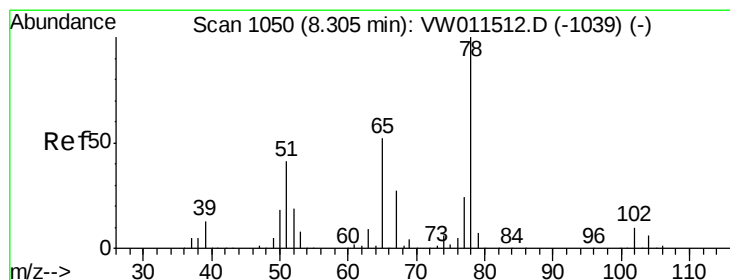
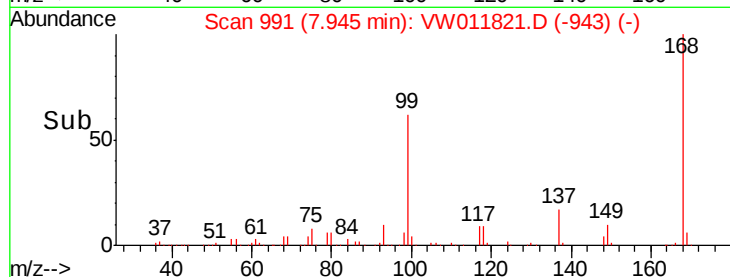
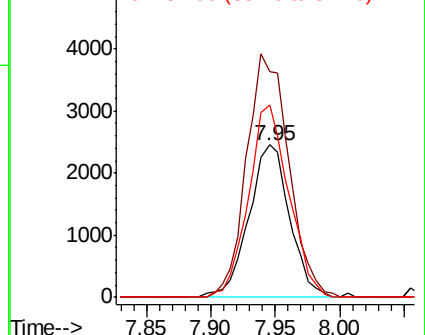
56 100

69 148.3 24.3 36.5#

84 126.5 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: 56.386 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011821.D

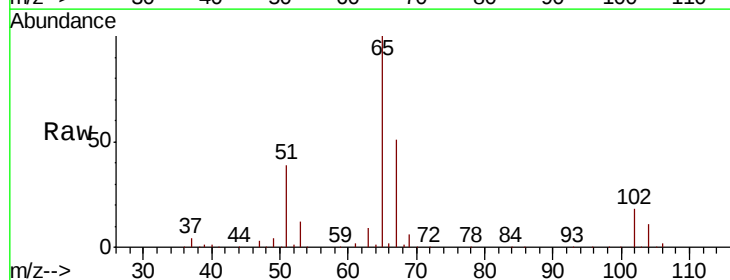
Acq: 09 Aug 2019 20:00

Tgt Ion: 65 Resp: 133273

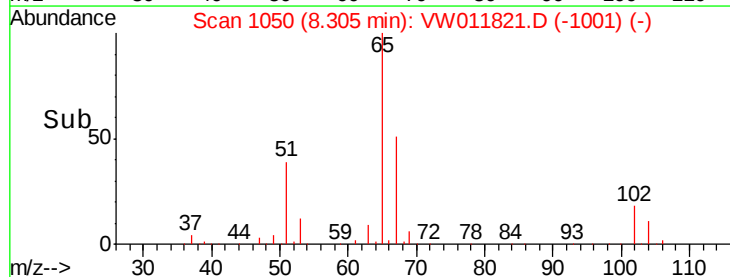
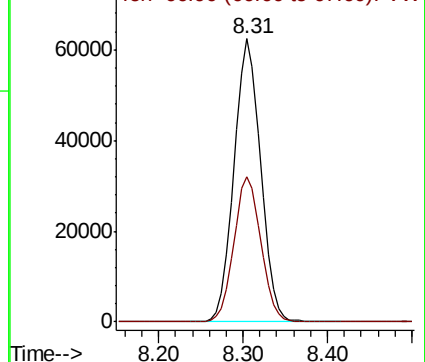
Ion Ratio Lower Upper

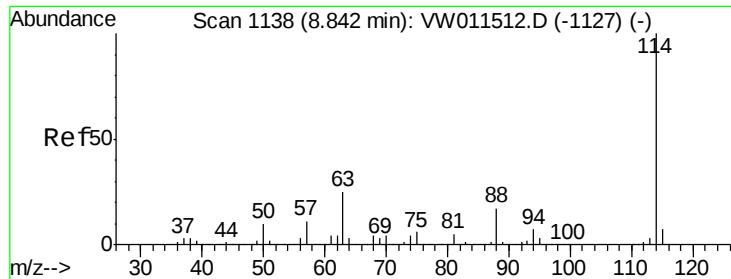
65 100

67 51.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

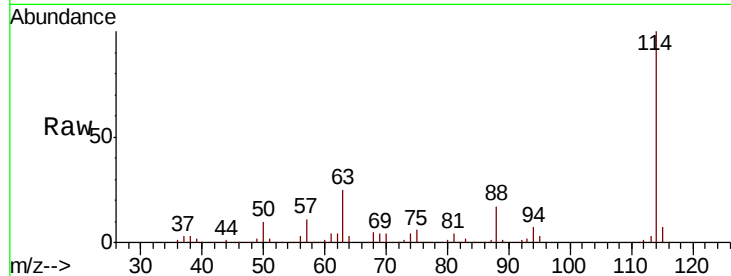




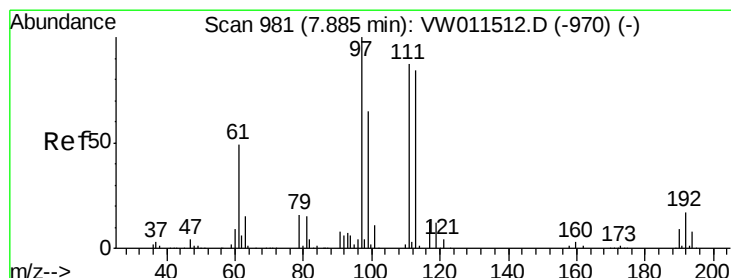
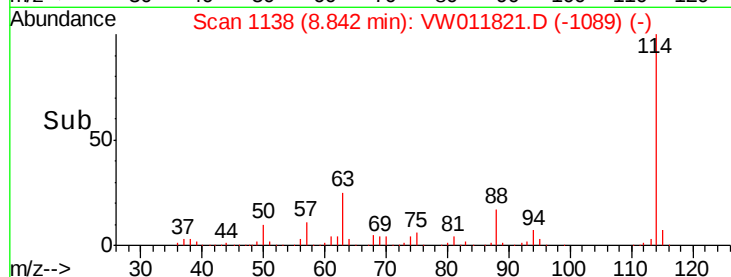
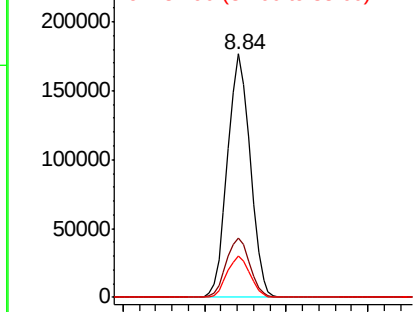
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

Instrument :
MSVOA_W
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1S-I(1)

Tgt Ion:114 Resp: 339679
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.9 0.0 33.8

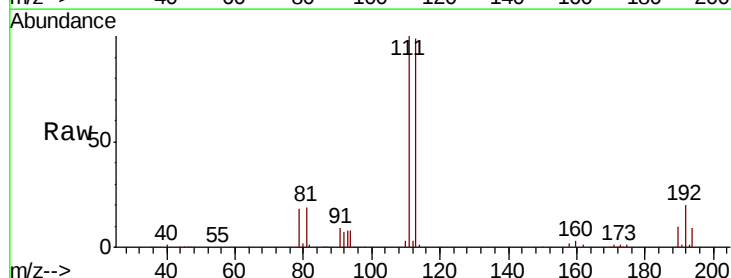


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

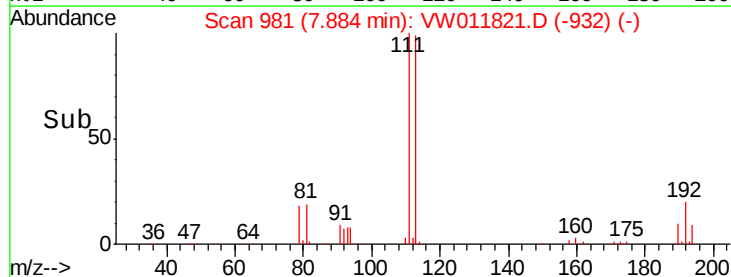
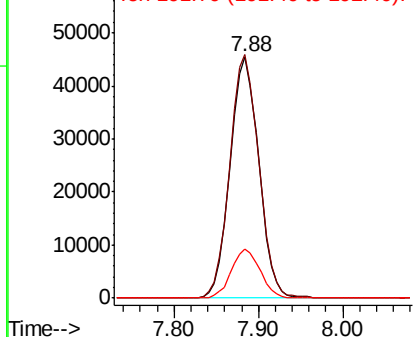


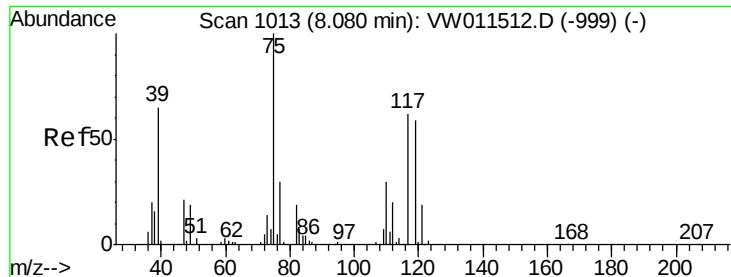
#35
Dibromofluoromethane
Concen: 55.187 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

Tgt Ion:113 Resp: 105167
Ion Ratio Lower Upper
113 100
111 101.8 82.7 124.1
192 20.2 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

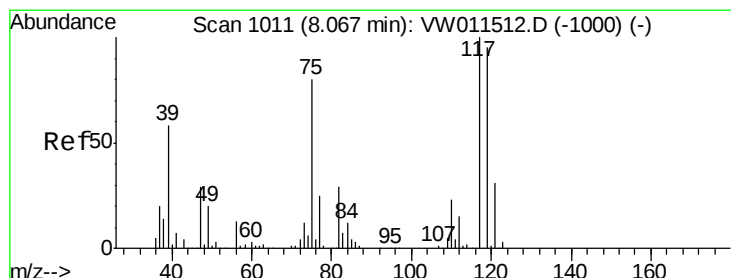
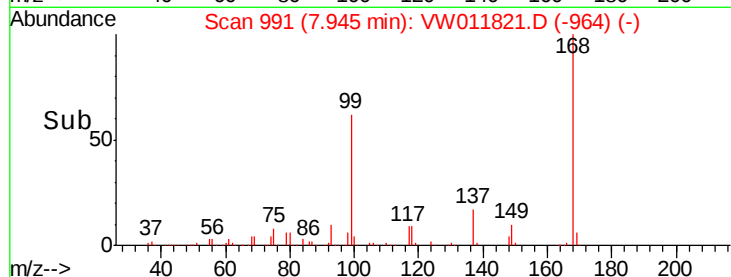
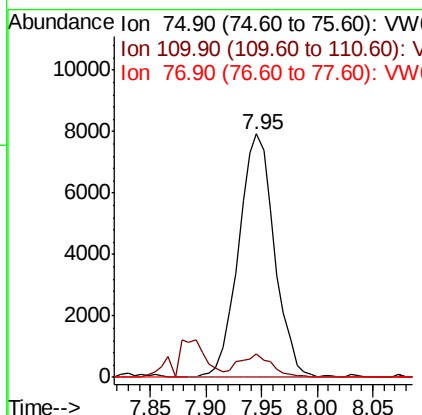
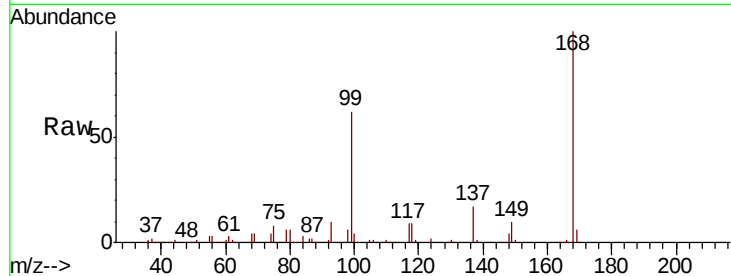




#36
 1,1-Dichloropropene
 Concen: 5.008 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011821.D
 Acq: 09 Aug 2019 20:00

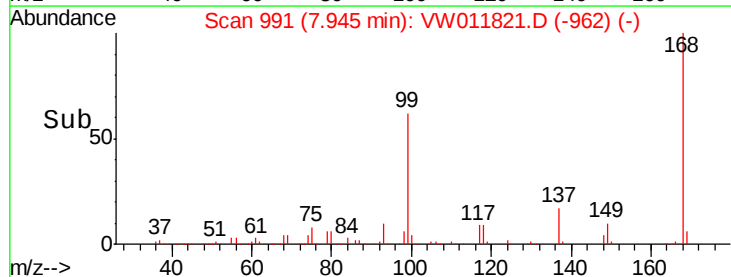
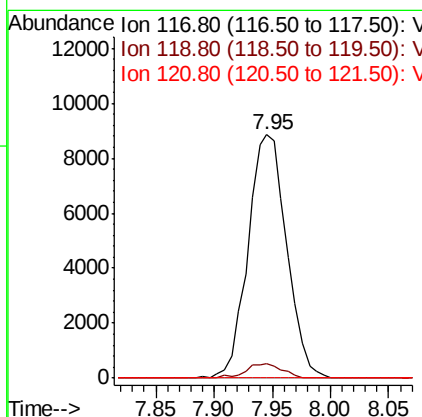
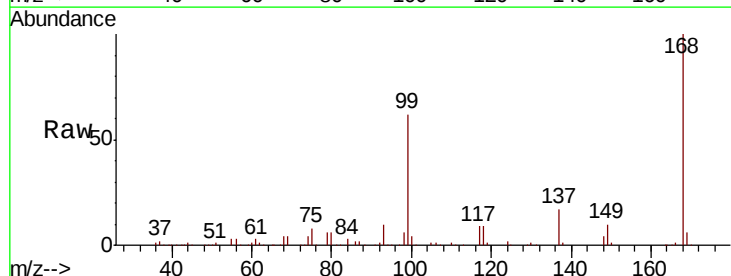
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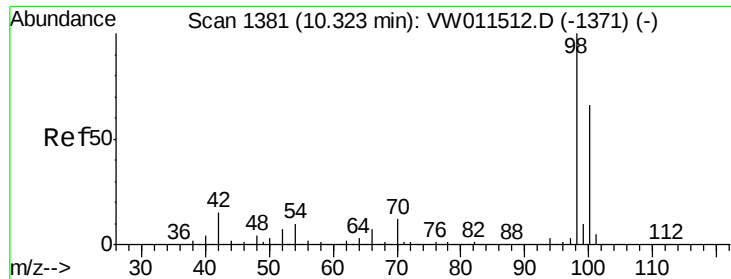
Tgt Ion: 75 Resp: 17690
 Ion Ratio Lower Upper
 75 100
 110 9.1 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.755 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011821.D
 Acq: 09 Aug 2019 20:00

Tgt Ion: 117 Resp: 20425
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.8 113.6#
 121 0.0 24.7 37.1#

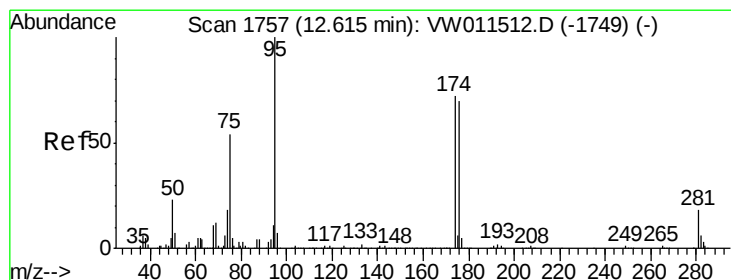
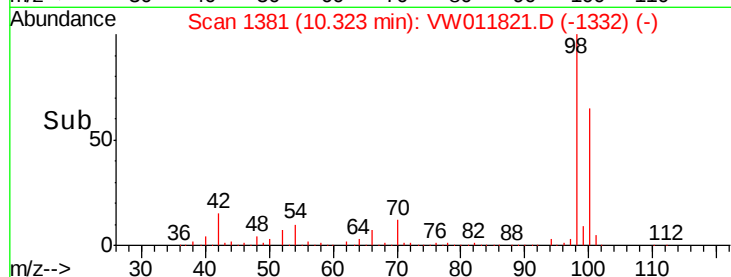
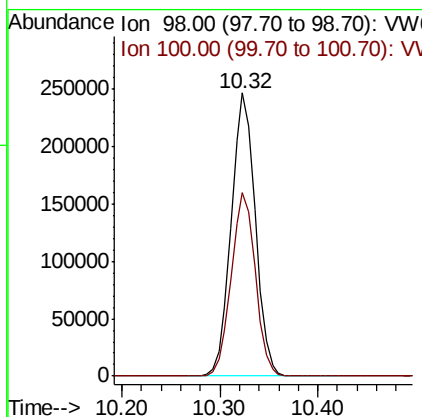
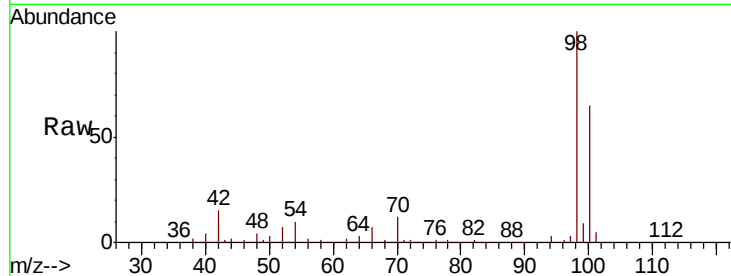




#50
Toluene-d8
Concen: 53.997 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

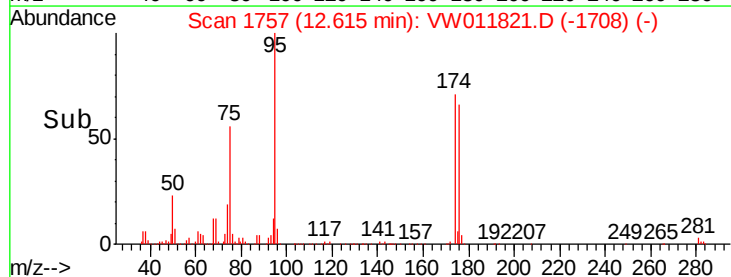
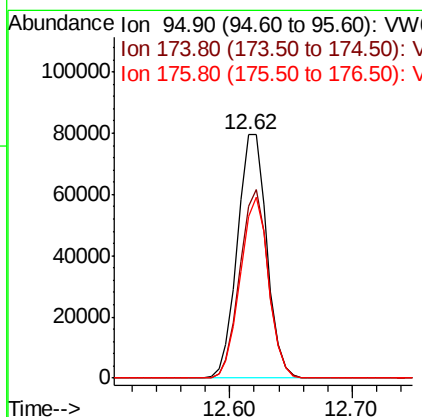
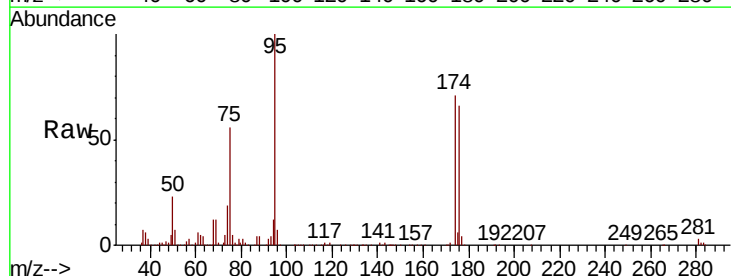
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1S-I(1)

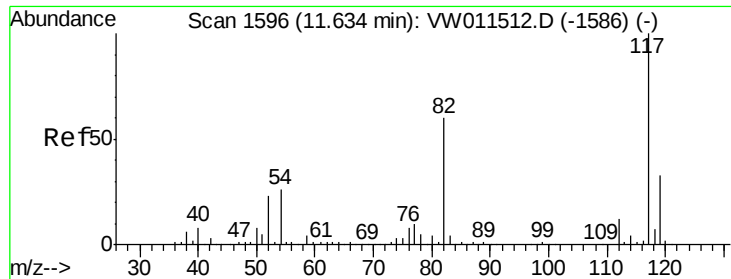
Tgt Ion: 98 Resp: 421303
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.549 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

Tgt Ion: 95 Resp: 132267
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 71.8 0.0 144.4

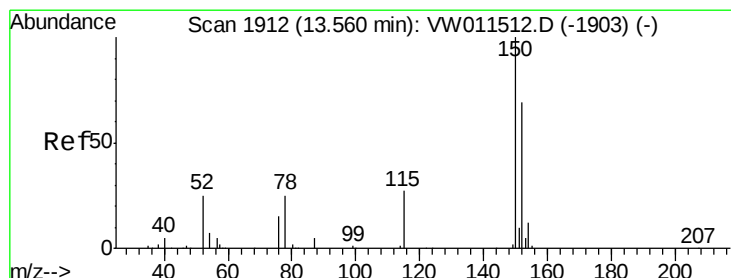
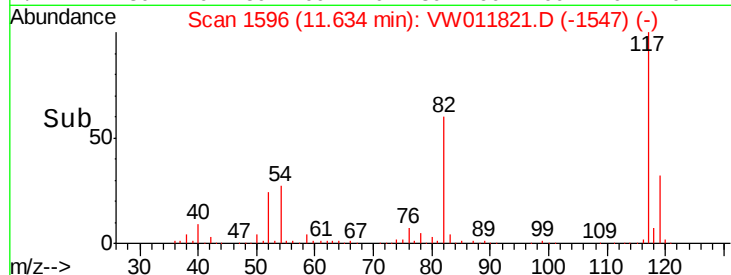
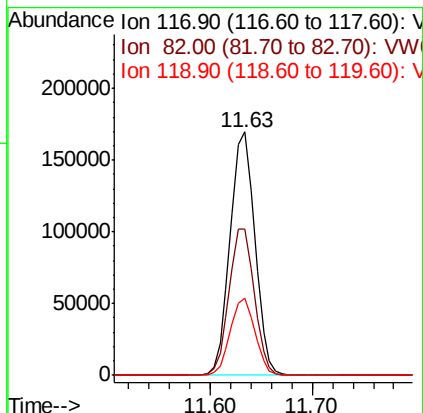
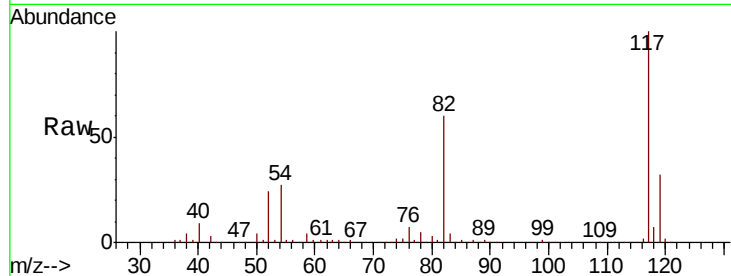




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

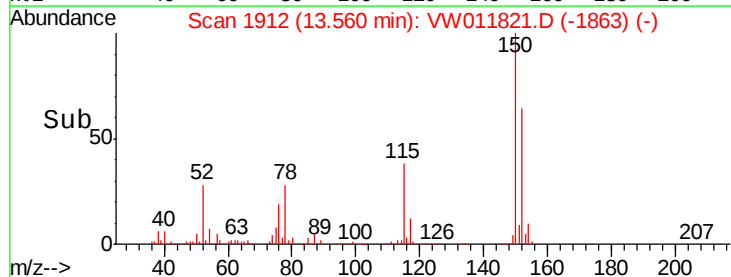
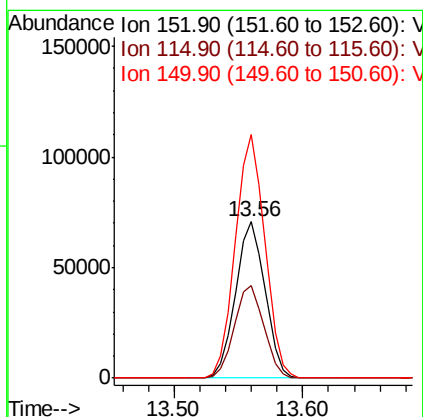
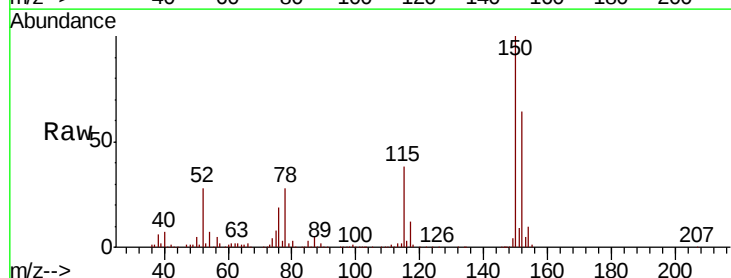
Instrument :
MSVOA_W
ClientSampled :
1S-I(1)

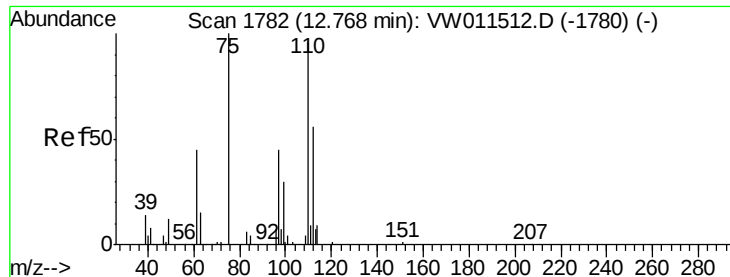
Tgt Ion:117 Resp: 284970
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011821.D
Acq: 09 Aug 2019 20:00

Tgt Ion:152 Resp: 112572
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 156.2 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 60.022 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011821.D

Acq: 09 Aug 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

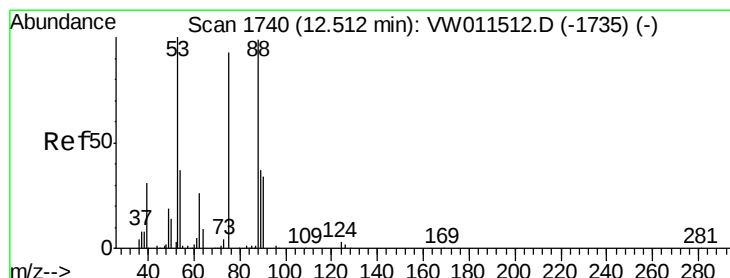
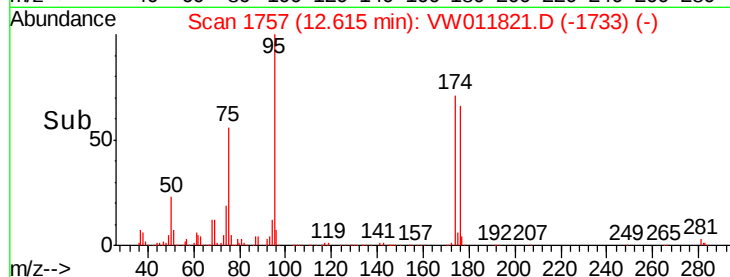
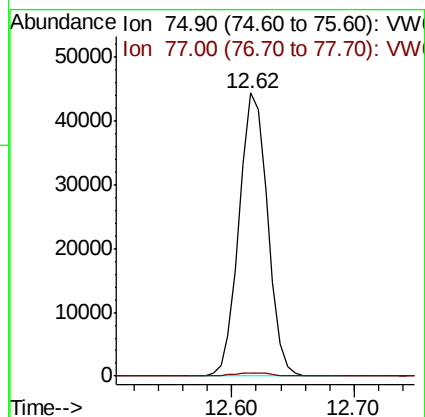
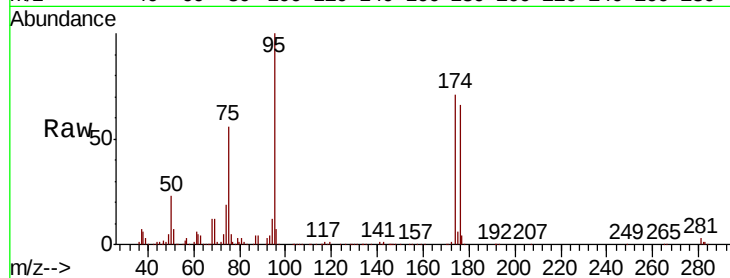
1S-I(1)

Tgt Ion: 75 Resp: 71495

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.331 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011821.D

Acq: 09 Aug 2019 20:00

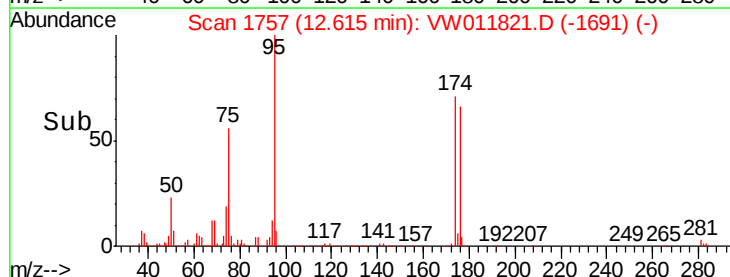
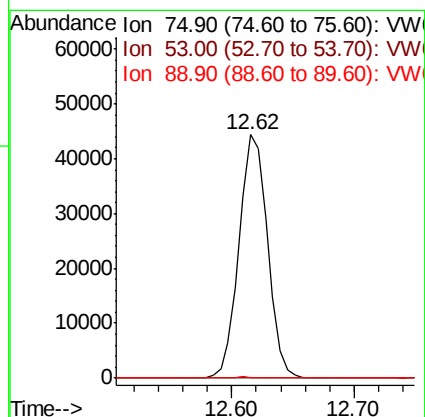
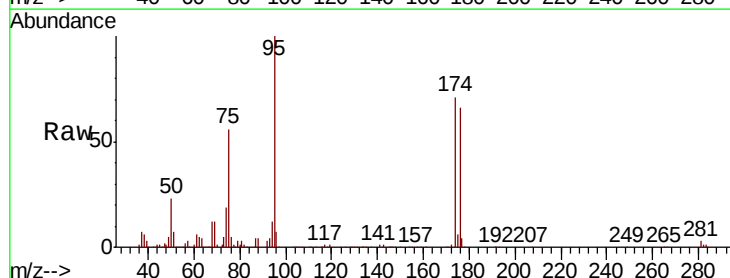
Tgt Ion: 75 Resp: 71495

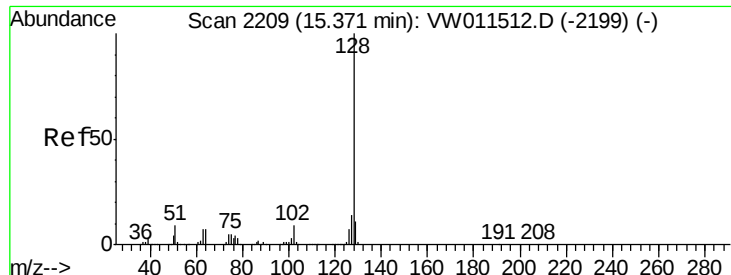
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.203 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011821.D

Acq: 09 Aug 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

1S-I(1)

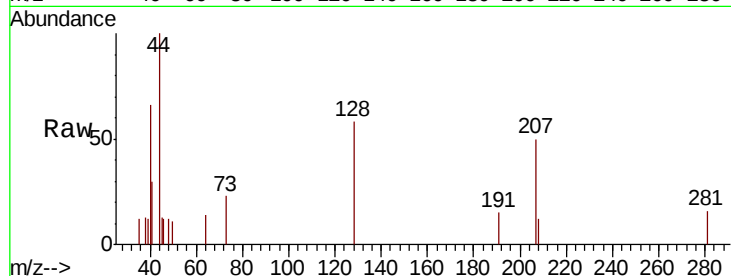
Tgt Ion:128 Resp: 636

Ion Ratio Lower Upper

128 100

127 3.0 10.6 16.0#

129 7.2 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

