

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011877.D
 Acq On : 13 Aug 2019 03:46
 Operator : SY/VA
 Sample : K4230-05
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:25:46 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	240506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122132	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	160021	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	7.88	113	125387	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	10.32	98	496282	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.61	95	149649	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	

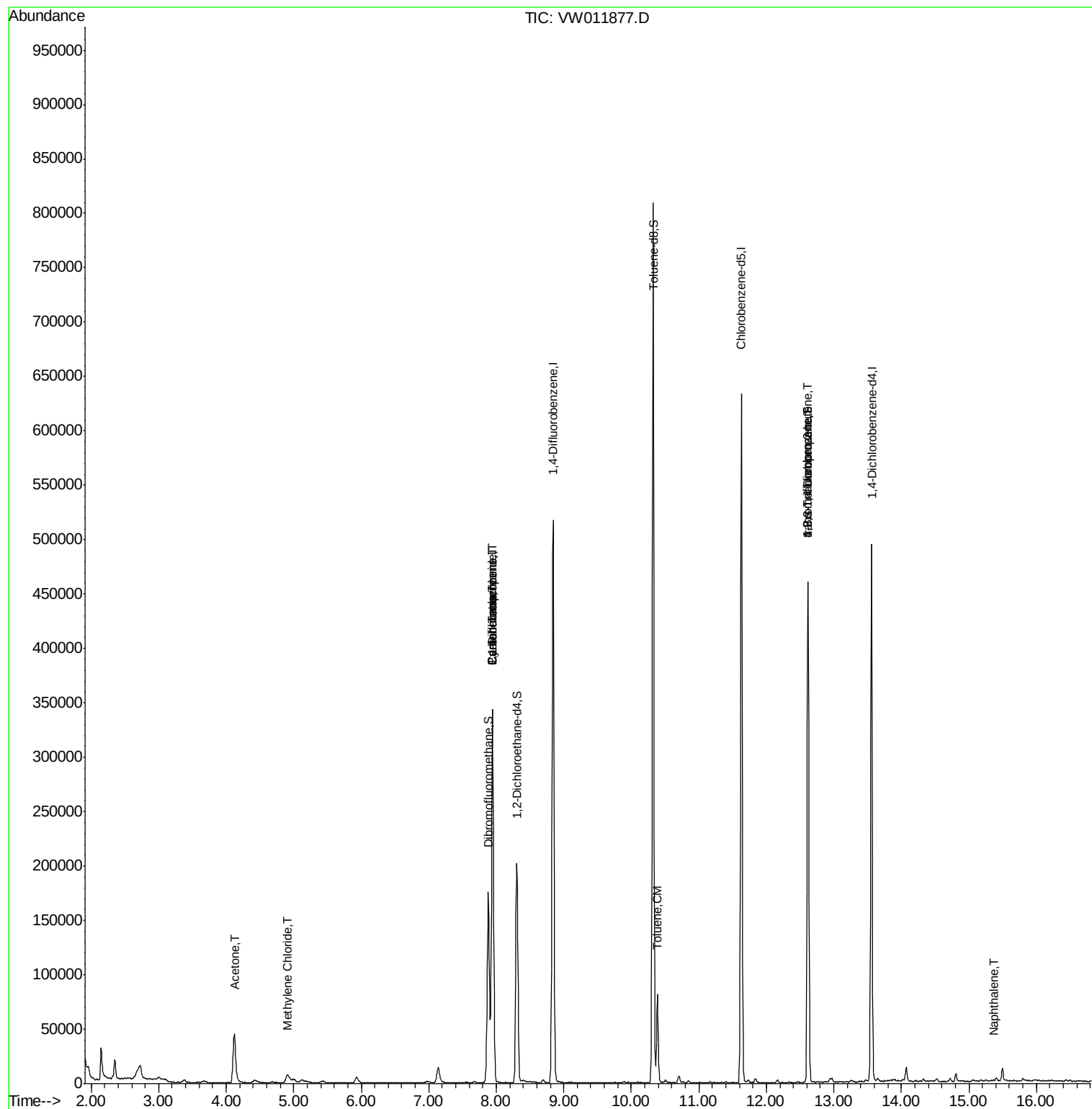
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	1788	Below Cal	#	85
16) Acetone	4.12	43	84598	96.300	ug/l	97
20) Methylene Chloride	4.90	84	5236	1.728	ug/l	89
31) Cyclohexane	7.95	56	6438	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21845	5.217	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24850	6.933	ug/l #	17
52) Toluene	10.39	92	33356	4.709	ug/l	100
76) 1,2,3-Trichloropropane	12.61	75	80410	62.223	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	80410	143.401	ug/l #	6
95) Naphthalene	15.38	128	953	2.255	ug/l #	90

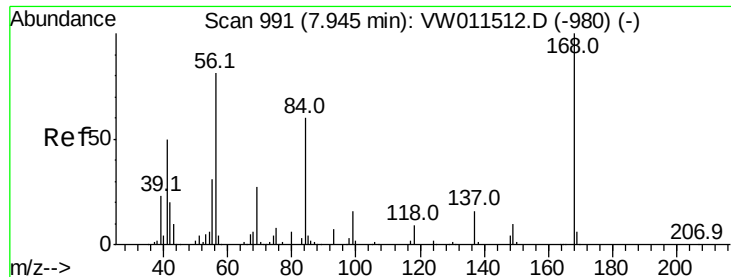
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011877.D

Acq: 13 Aug 2019 03:46

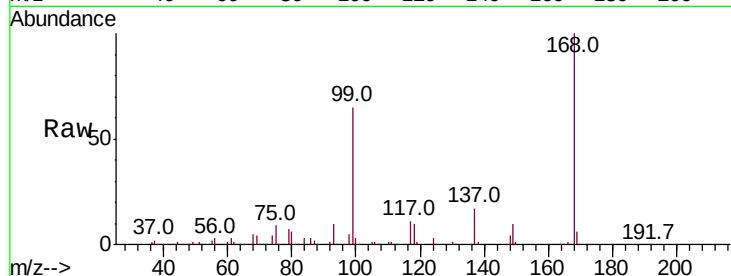
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 240506

Ion Ratio Lower Upper

168 100

99 64.8 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

120000

100000

80000

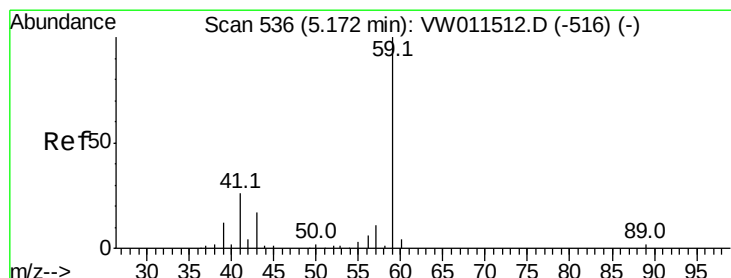
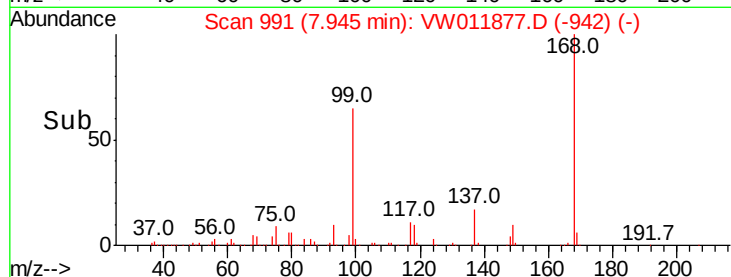
60000

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: VW011877.D

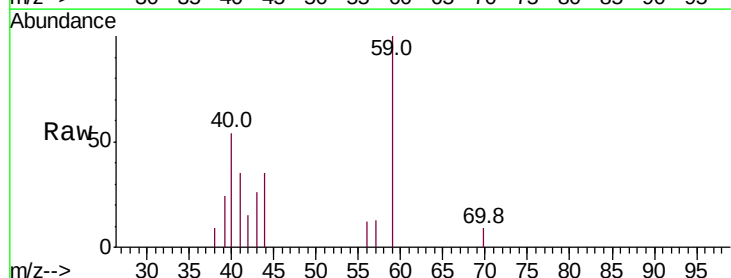
Acq: 13 Aug 2019 03:46

Tgt Ion: 59 Resp: 1788

Ion Ratio Lower Upper

59 100

57 16.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

800

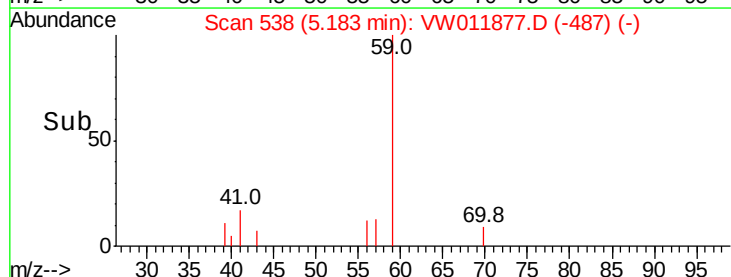
600

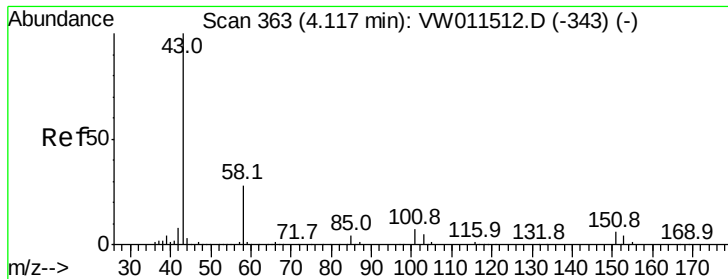
400

200

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 96.300 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011877.D

Acq: 13 Aug 2019 03:46

Instrument :

MSVOA_W

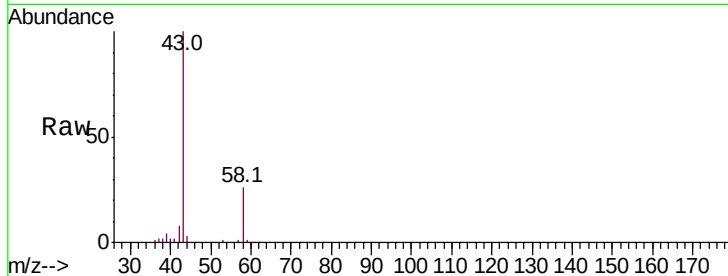
ClientSampleId :

Tot Ion: 43 Resp: 84598

Ion Ratio Lower Upper

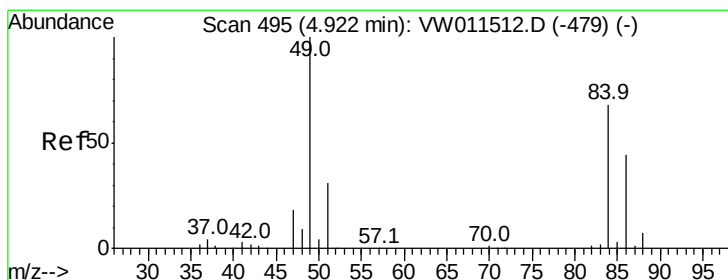
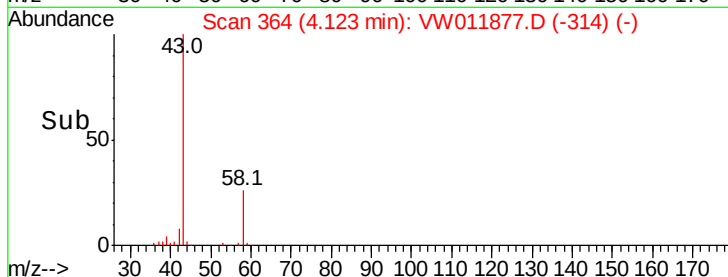
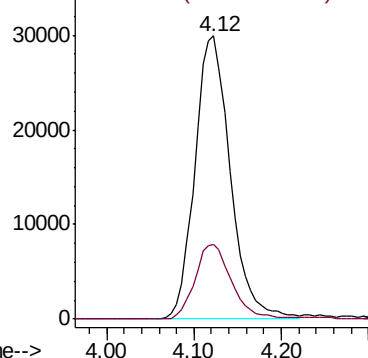
43 100

58 26.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.728 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011877.D

Acq: 13 Aug 2019 03:46

Tgt Ion: 84 Resp: 5236

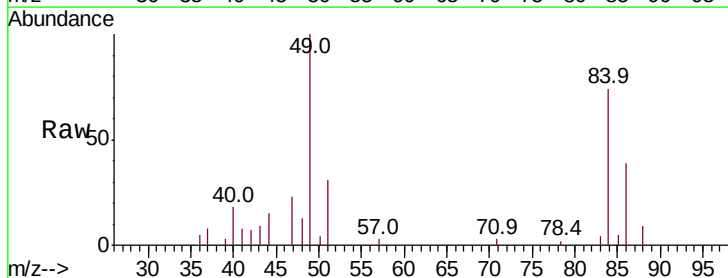
Ion Ratio Lower Upper

84 100

49 134.6 117.8 176.6

51 41.7 37.0 55.4

86 52.0 51.8 77.8

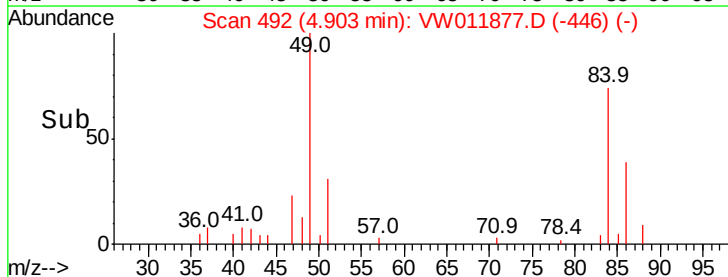
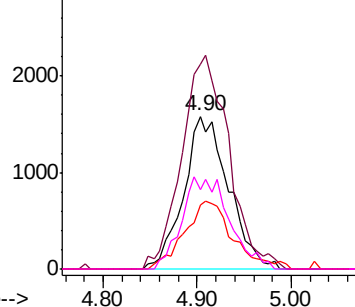


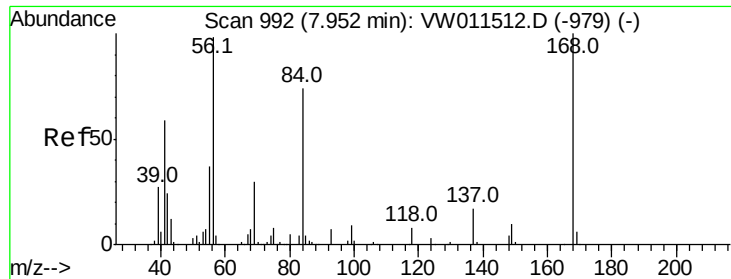
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

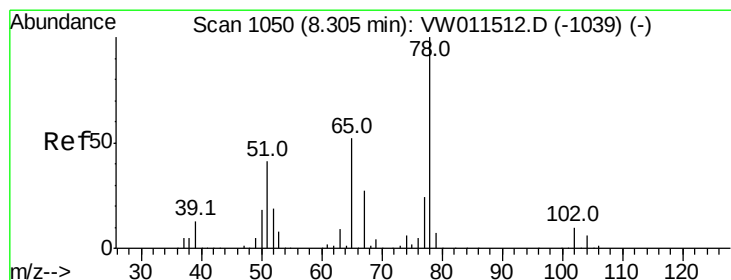
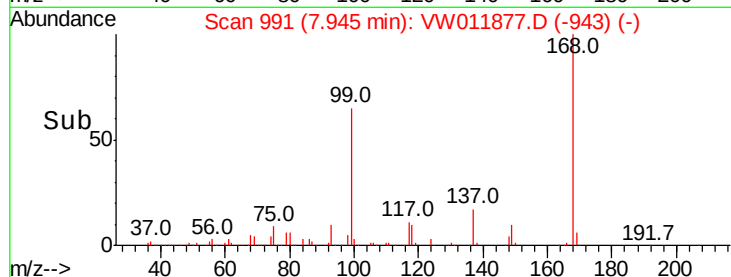
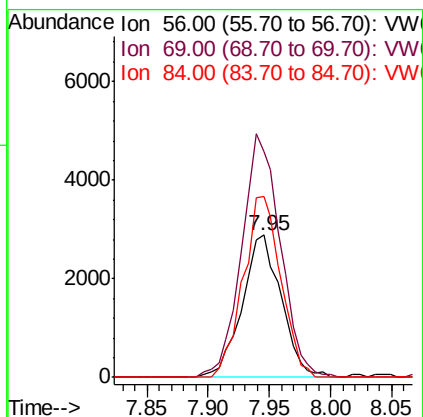
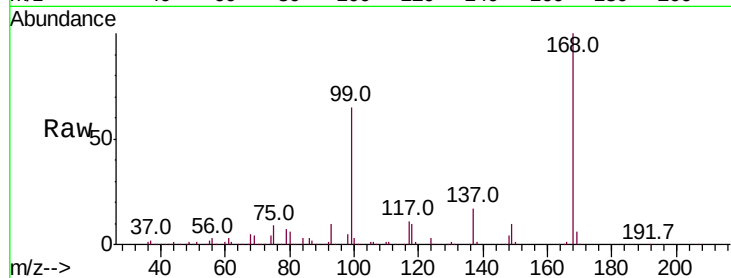




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

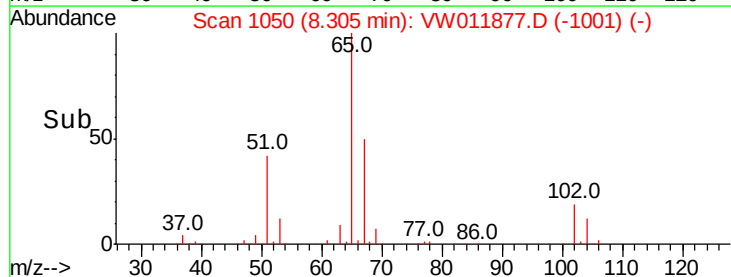
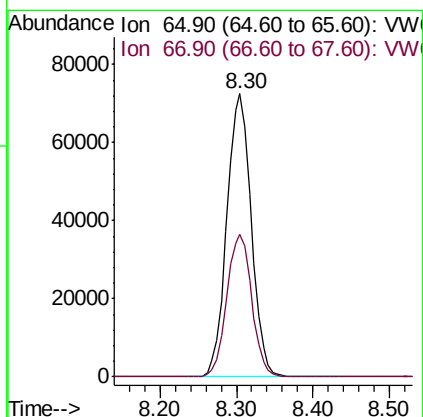
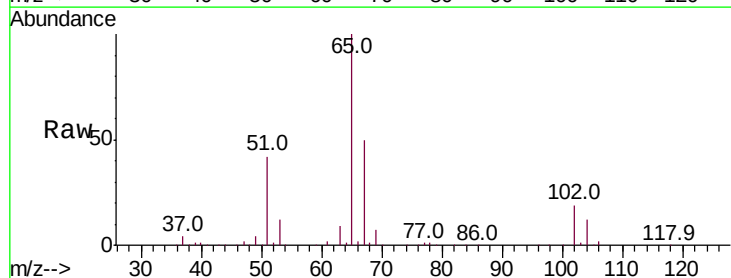
Instrument :
MSVOA_W
ClientSampled :

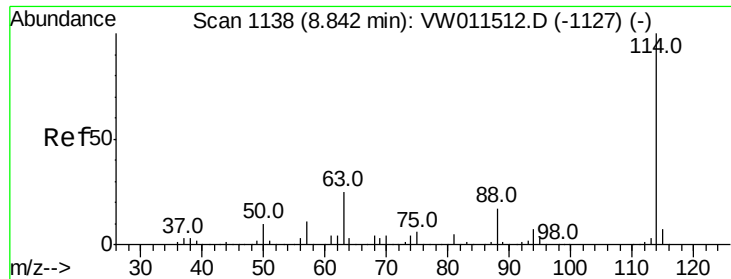
Tot Ion: 56 Resp: 6438
Ion Ratio Lower Upper
56 100
69 158.0 24.3 36.5#
84 127.4 60.4 90.6#



#33
1,2-Dichloroethane-d4
Concen: 57.943 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion: 65 Resp: 160021
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2

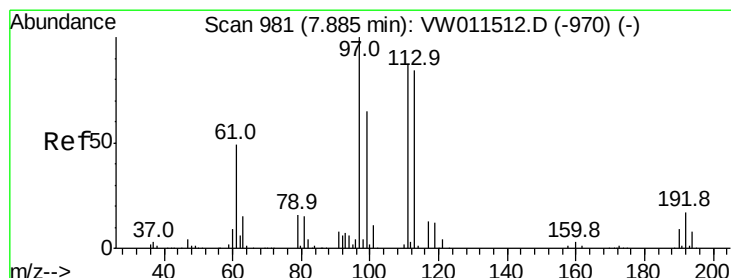
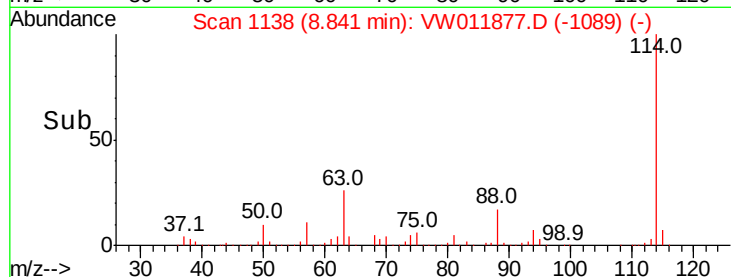
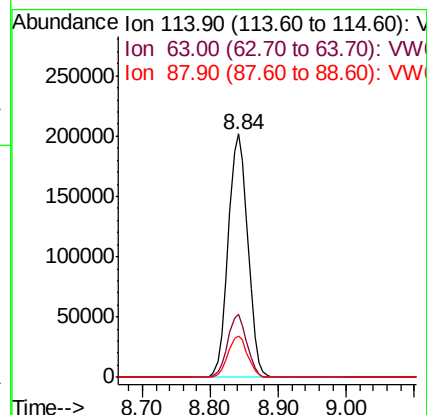
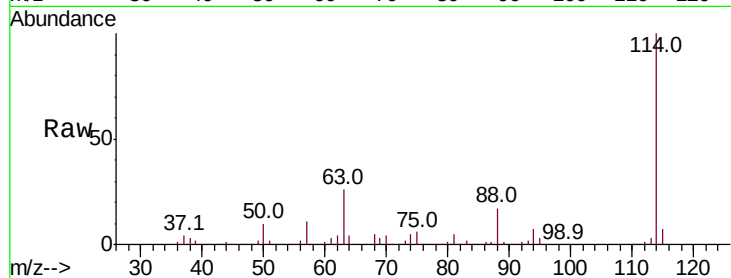




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

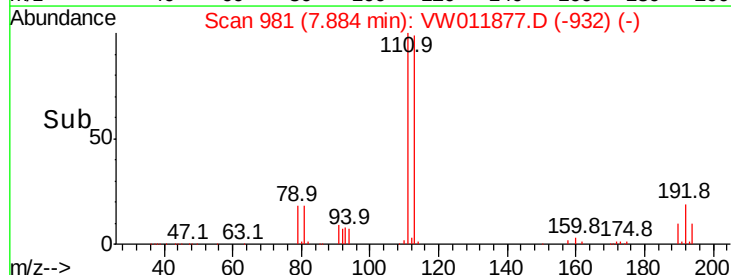
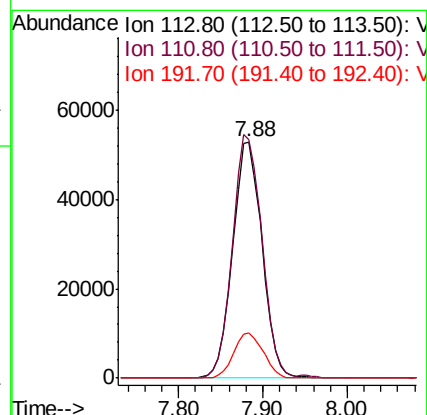
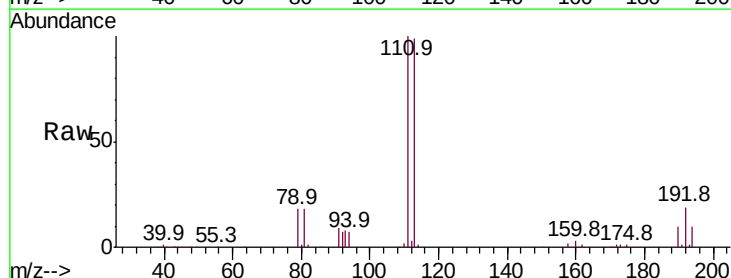
Instrument :
 MSVOA_W
 ClientSampled :

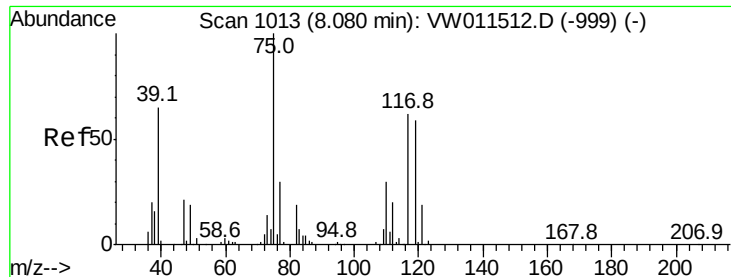
Tot Ion:114 Resp: 402679
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 55.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

Tgt Ion:113 Resp: 125387
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 19.4 16.1 24.1

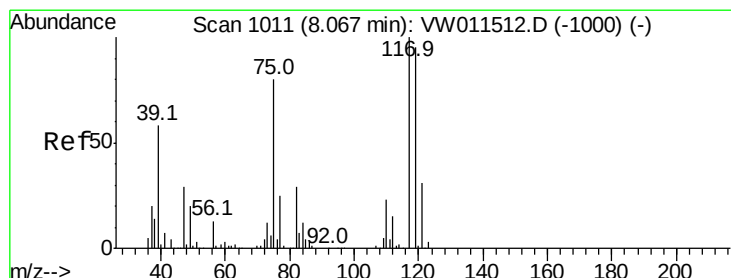
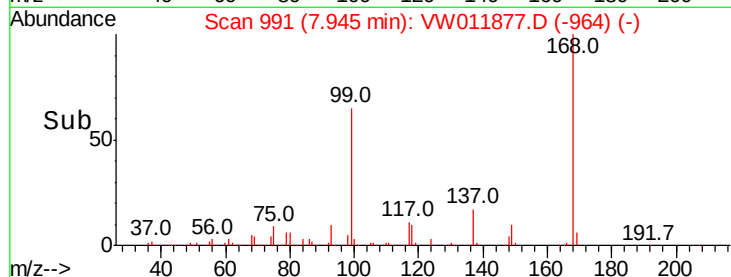
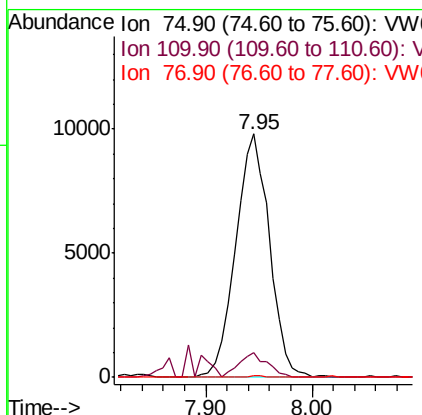
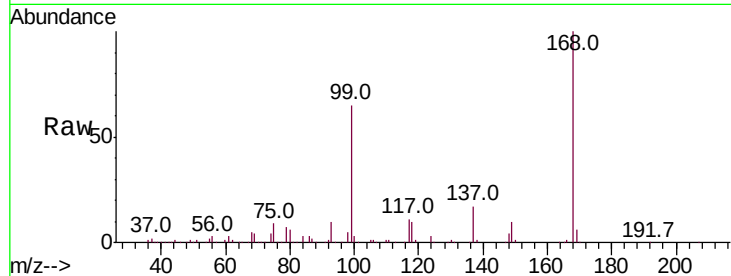




#36
 1,1-Dichloropropene
 Concen: 5.217 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

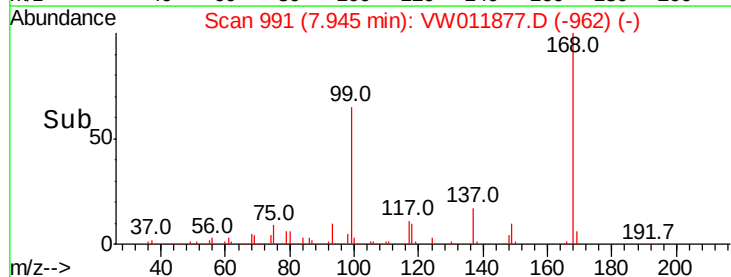
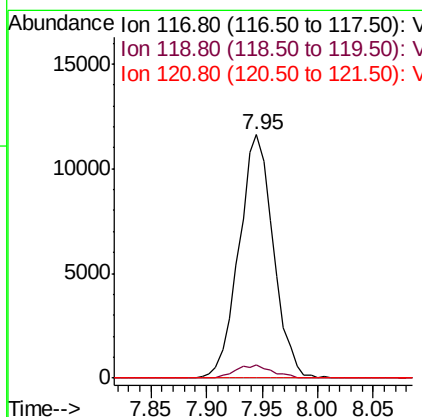
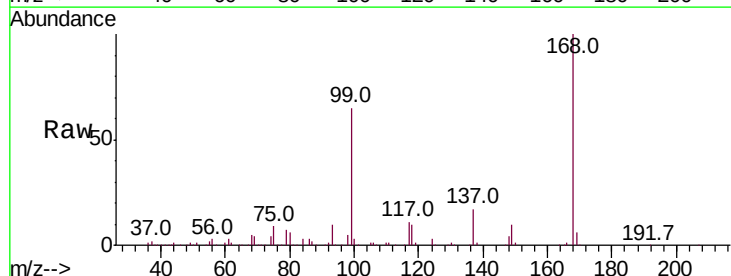
Instrument :
 MSVOA_W
 ClientSampleId :

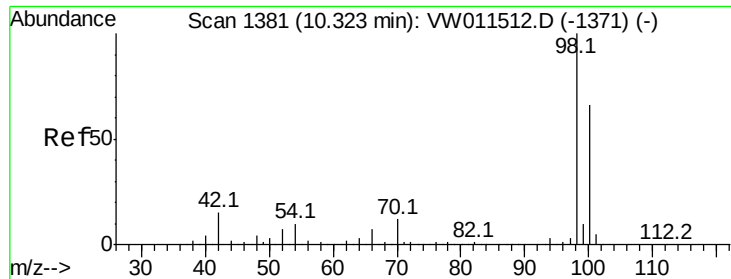
Tot Ion: 75 Resp: 21845
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.6 46.8#
 77 0.2 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.933 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

Tgt Ion: 117 Resp: 24850
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.8 113.6#
 121 0.0 24.7 37.1#

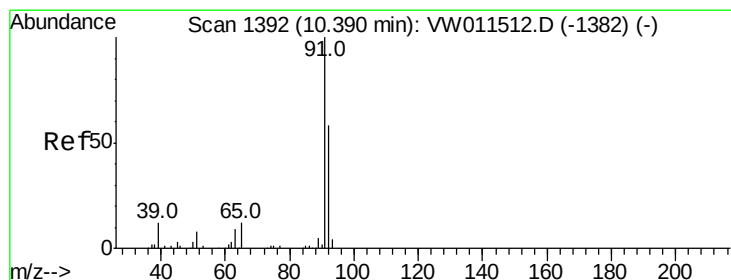
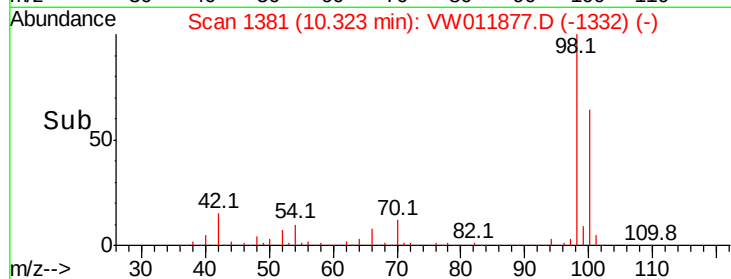
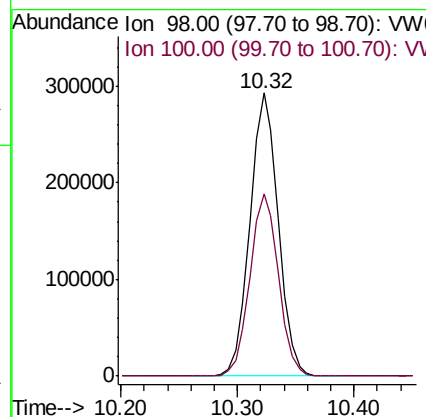
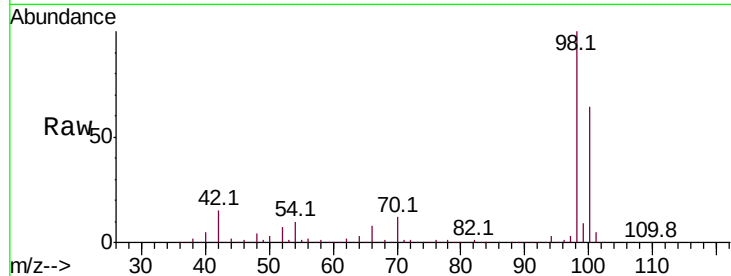




#50
Toluene-d8
Concen: 53.655 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

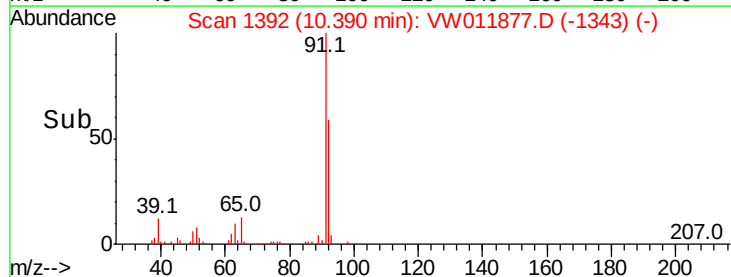
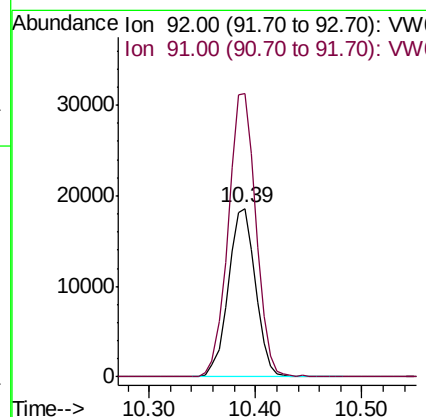
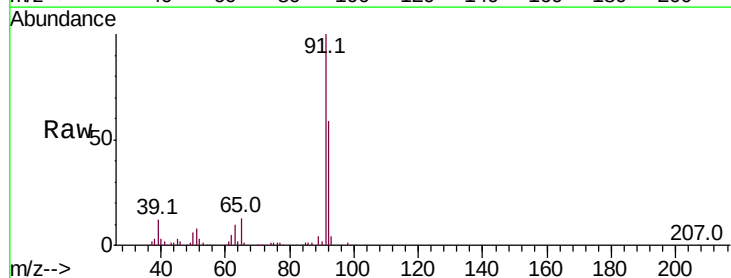
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MSVOA_W
ClientSampleId :

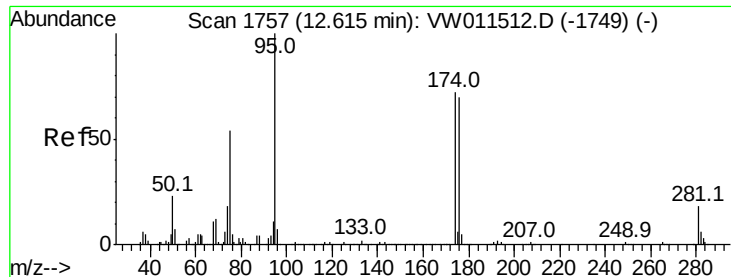
Tot Ion: 98 Resp: 496282
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#52
Toluene
Concen: 4.709 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion: 92 Resp: 33356
Ion Ratio Lower Upper
92 100
91 171.5 136.7 205.1

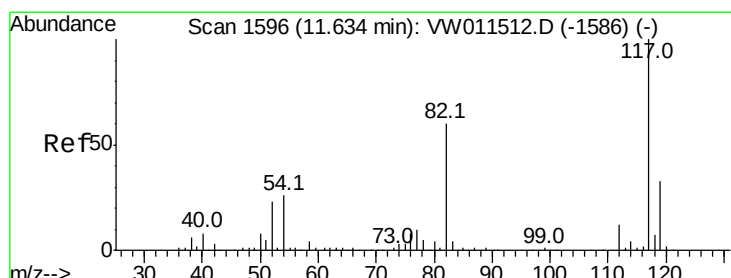
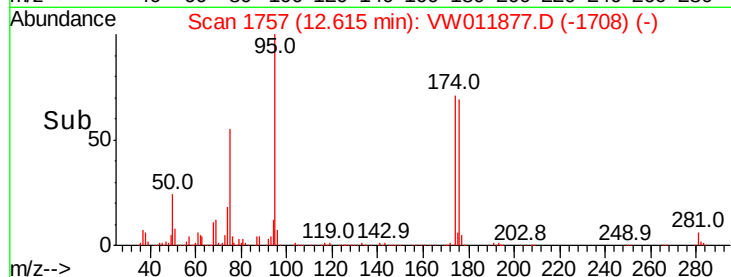
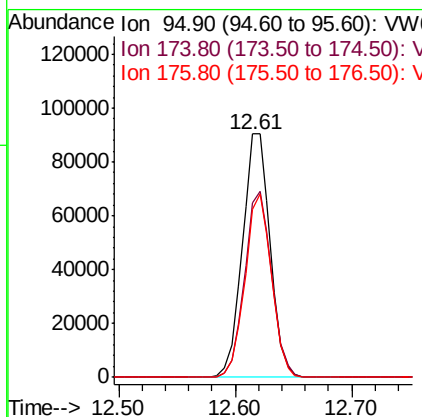
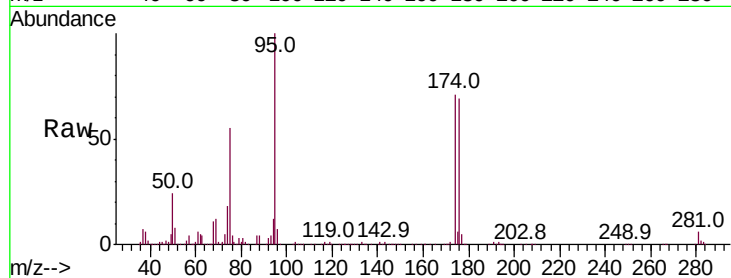




#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

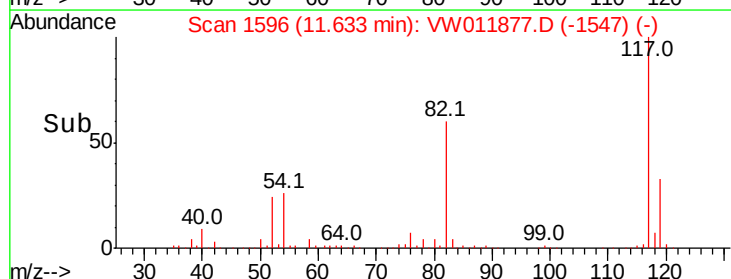
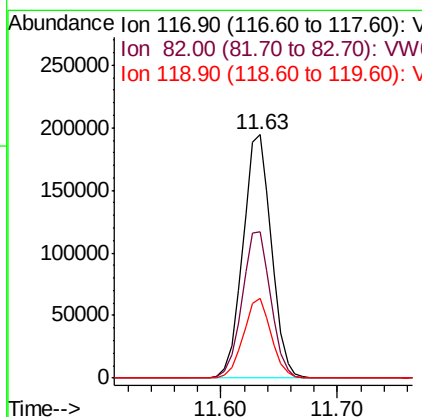
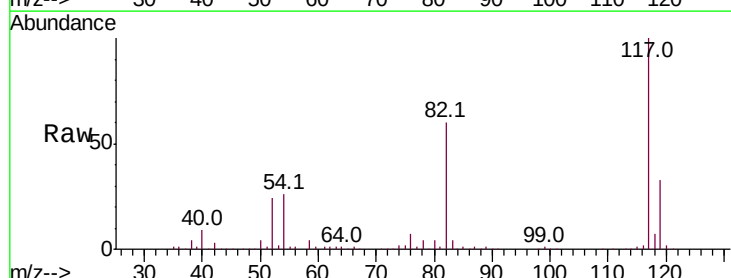
Instrument :
MSVOA_W
ClientSampleId :

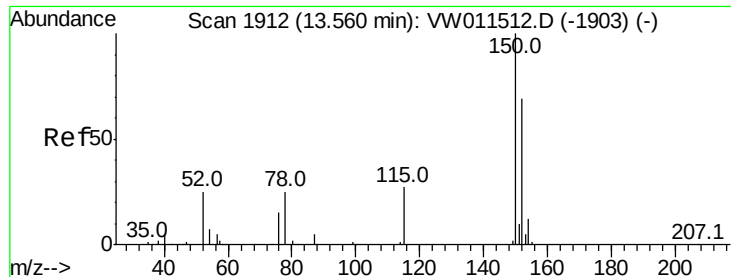
Tot Ion: 95 Resp: 149649
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.2
176 72.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion: 117 Resp: 331605
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 32.7 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: VW011877.D

Acq: 13 Aug 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

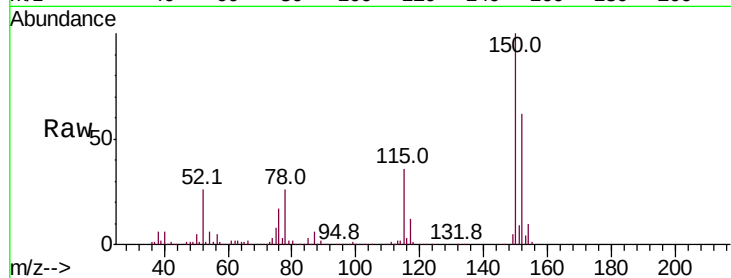
Tot Ion:152 Resp: 122132

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

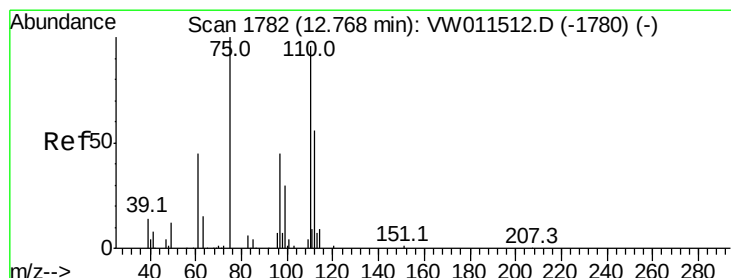
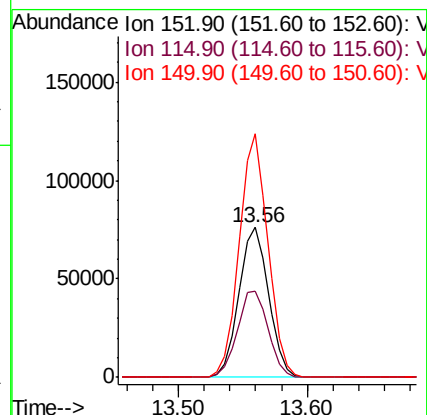
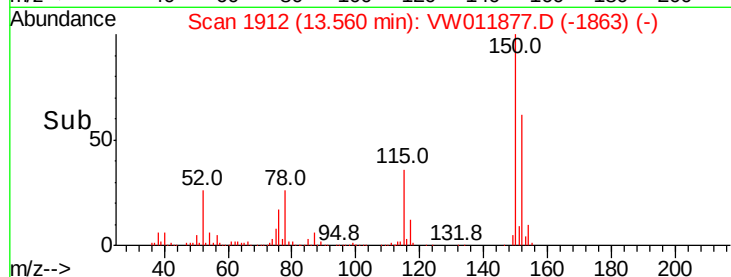
150 156.5 0.0 352.6



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: 62.223 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011877.D

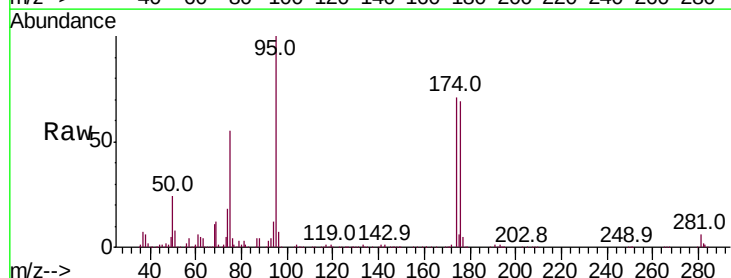
Acq: 13 Aug 2019 03:46

Tgt Ion: 75 Resp: 80410

Ion Ratio Lower Upper

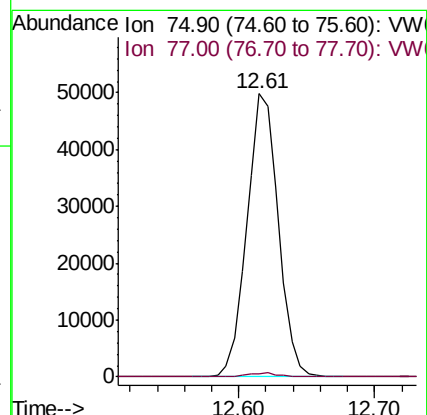
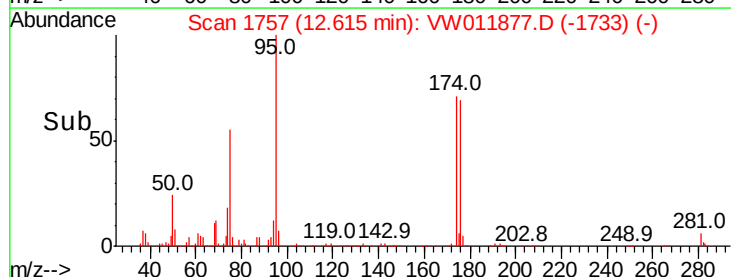
75 100

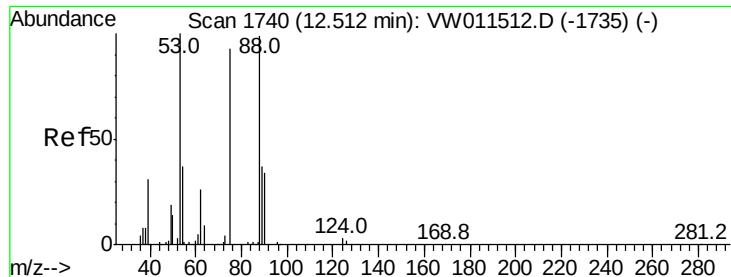
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

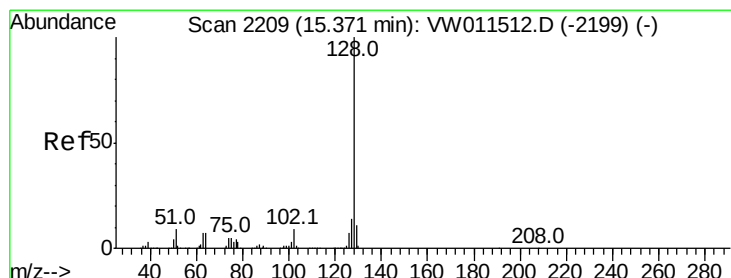
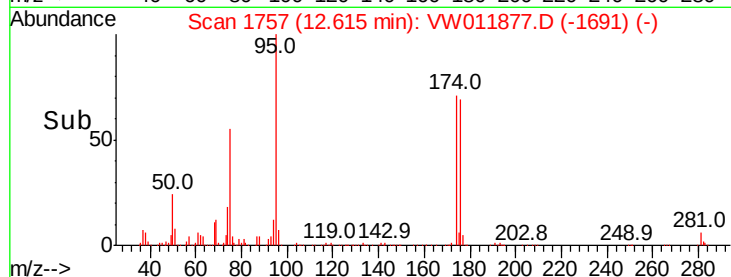
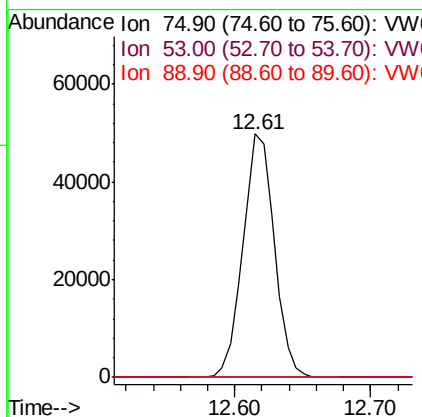
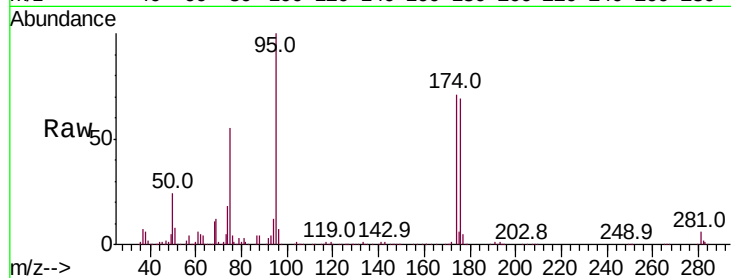




#81
trans-1,4-Dichloro-2-butene
Concen: 143.401 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 80410
Ion Ratio Lower Upper
75 100
53 0.3 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.255 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion: 128 Resp: 953
Ion Ratio Lower Upper
128 100
127 18.5 10.6 16.0#
129 13.0 8.6 13.0#

