

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012260.D
 Acq On : 28 Aug 2019 17:49
 Operator : SY/VA
 Sample : K4510-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 18:47:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79864	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	132355	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	108434	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	10.32	98	428819	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	107050	34.91	ug/l	0.00
Spiked Amount			Recovery	=	69.82%	

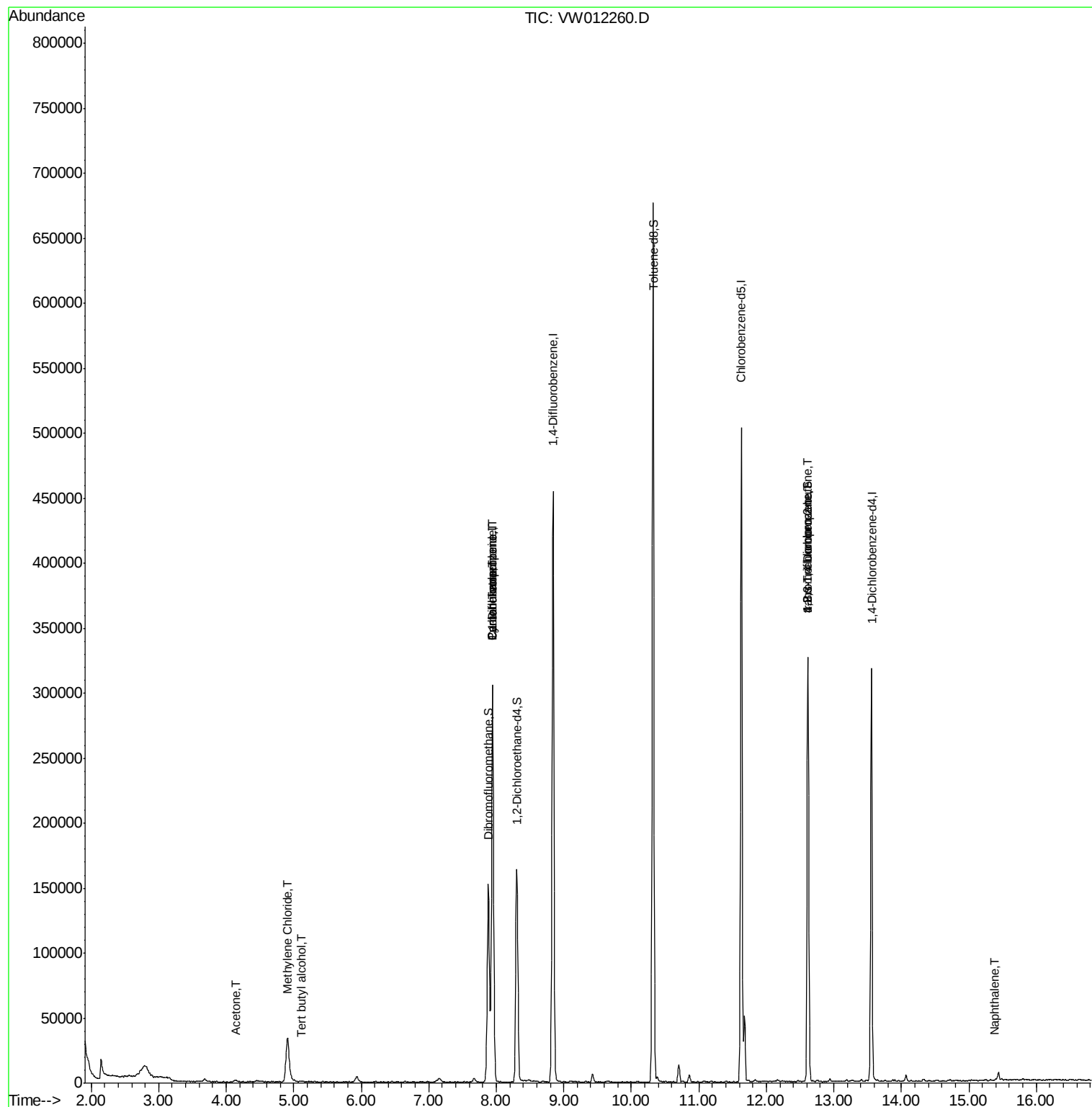
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	440	2.785	ug/l #	71
16) Acetone	4.14	43	2923	4.356	ug/l #	74
20) Methylene Chloride	4.90	84	25237	9.949	ug/l	99
31) Cyclohexane	7.94	56	5263	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18825	5.068	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22113	6.878	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	56747	72.957	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56747	159.960	ug/l #	6
95) Naphthalene	15.37	128	131	4.361	ug/l #	55

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

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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: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

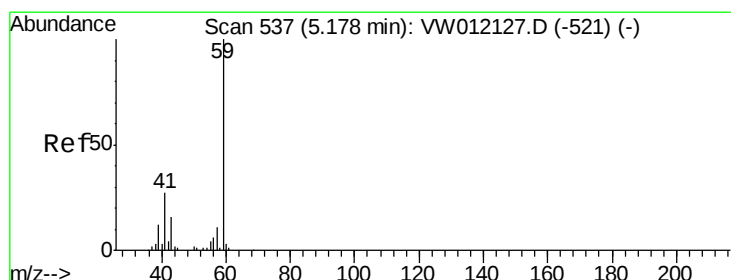
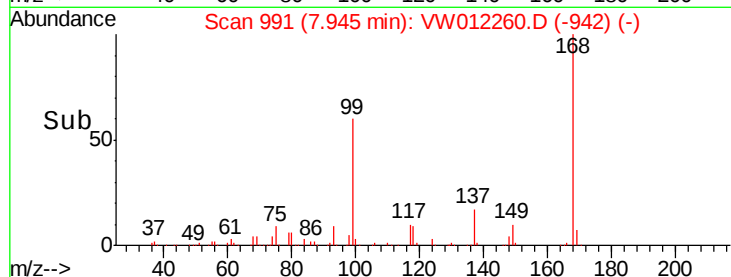
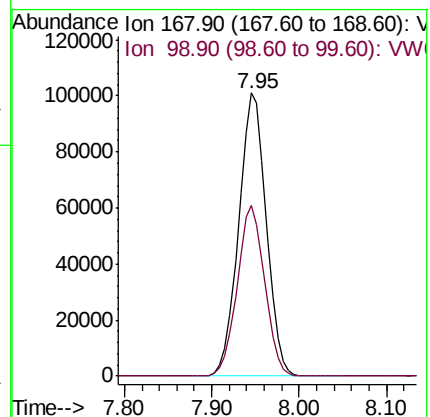
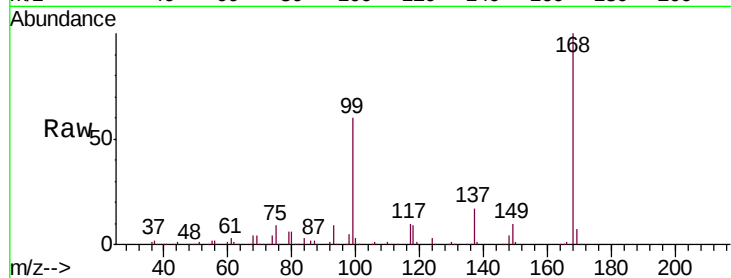
ClientSampled :

Tot Ion:168 Resp: 220818

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



#11

Tert butyl alcohol

Concen: 2.785 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW012260.D

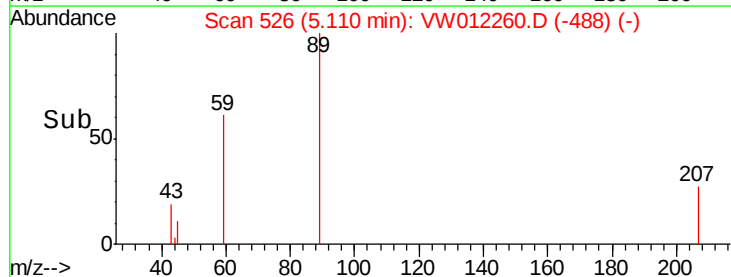
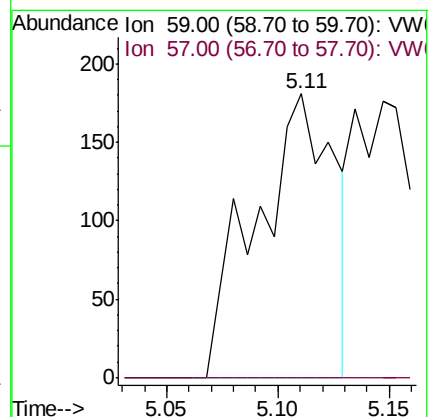
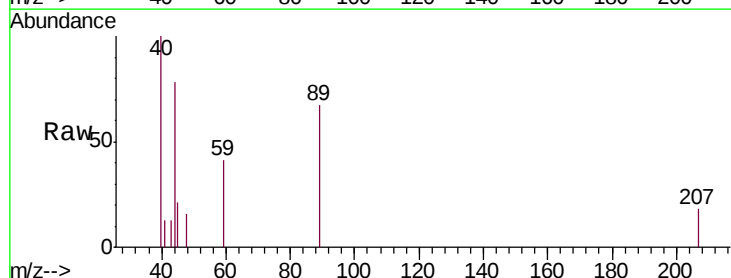
Acq: 28 Aug 2019 17:49

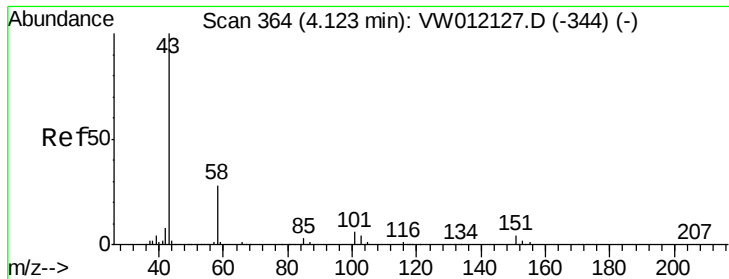
Tgt Ion: 59 Resp: 440

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#

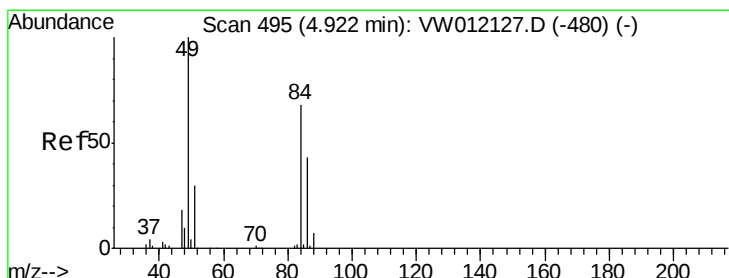
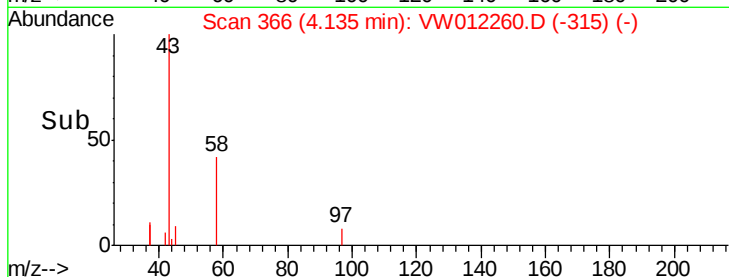
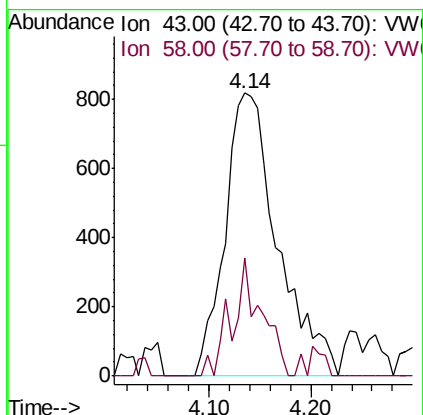
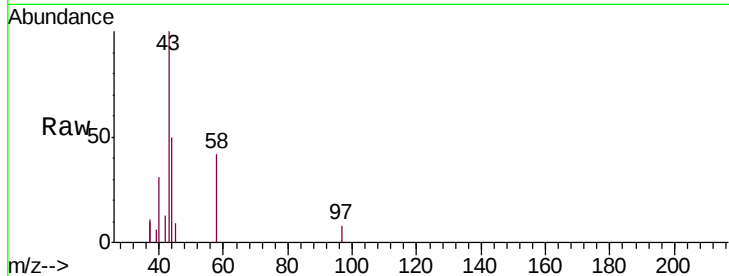




#16
Acetone
Concen: 4.356 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

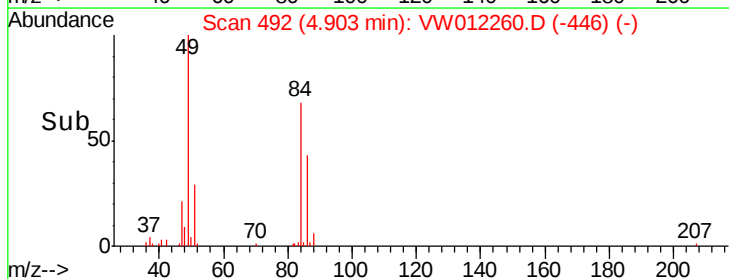
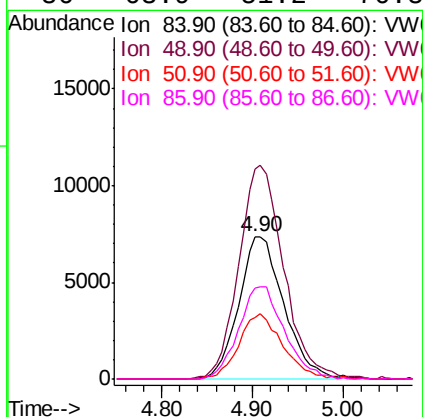
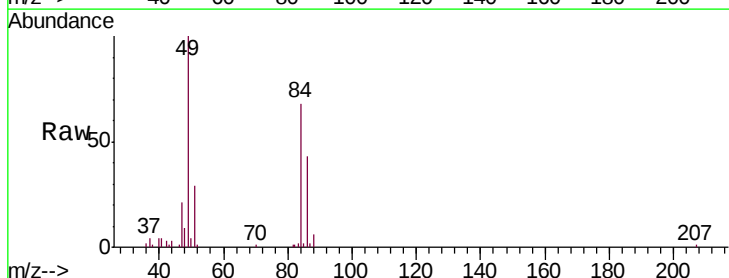
Instrument :
MSVOA_W
ClientSampleId :

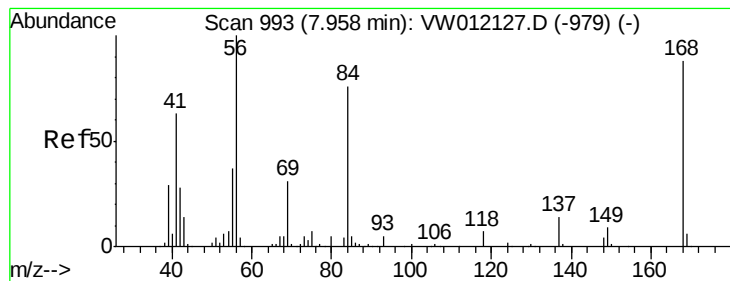
Tot Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
58 41.9 22.4 33.6#



#20
Methylene Chloride
Concen: 9.949 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

Tgt Ion: 84 Resp: 25237
Ion Ratio Lower Upper
84 100
49 147.2 117.8 176.8
51 42.8 35.6 53.4
86 63.9 51.2 76.8





#31

Cyclohexane

Concen: 1.113 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

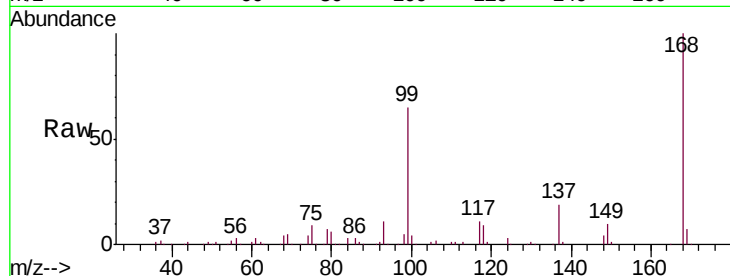
Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

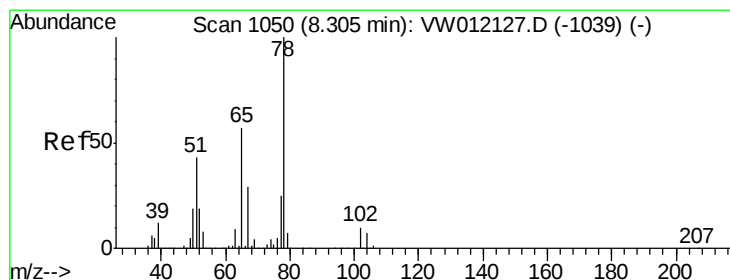
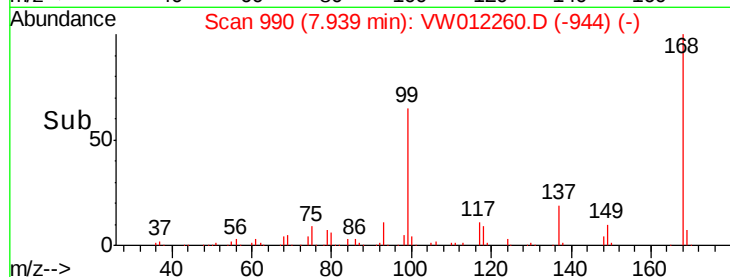
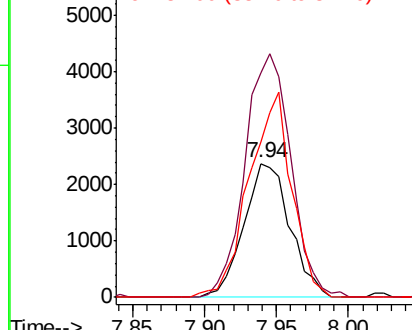
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5263

Ion	Ratio	Lower	Upper
56	100		
69	167.9	24.9	37.3#
84	116.4	60.6	90.8#



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: 50.421 ug/l

RT: 8.30 min Scan# 1050

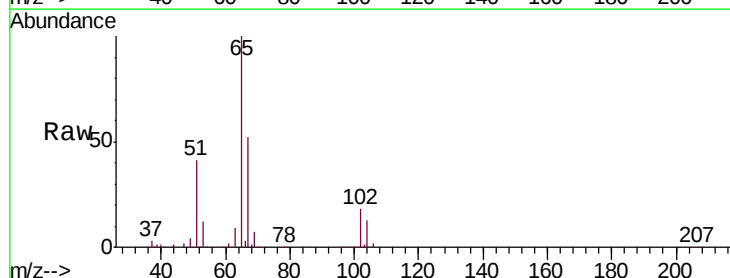
Delta R.T. -0.00 min

Lab File: VW012260.D

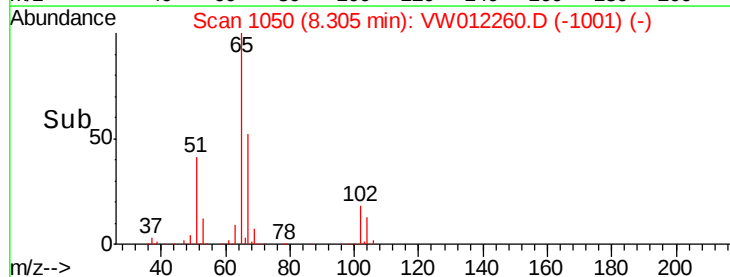
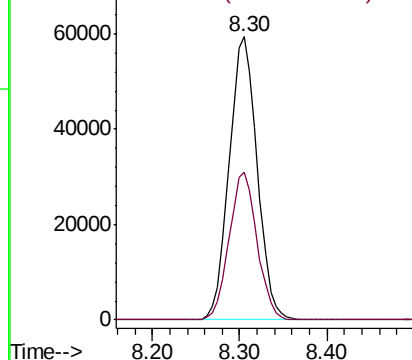
Acq: 28 Aug 2019 17:49

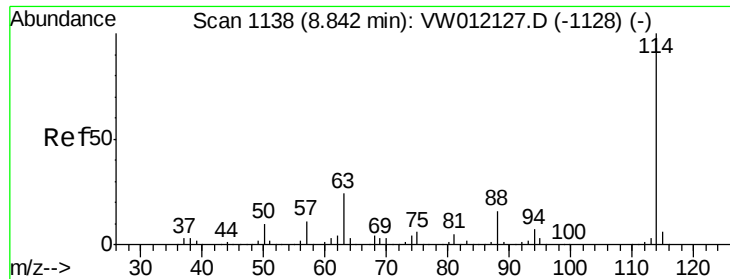
Tgt Ion: 65 Resp: 132355

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6



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

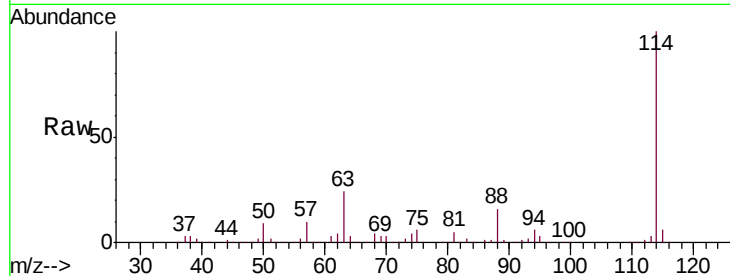




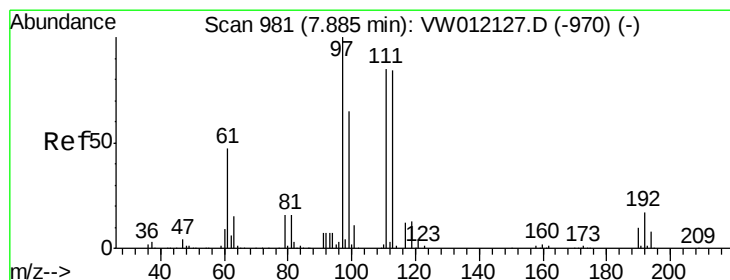
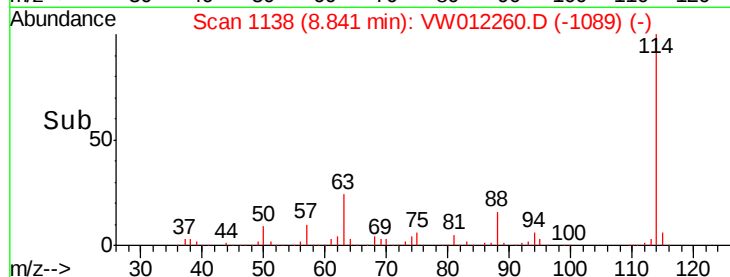
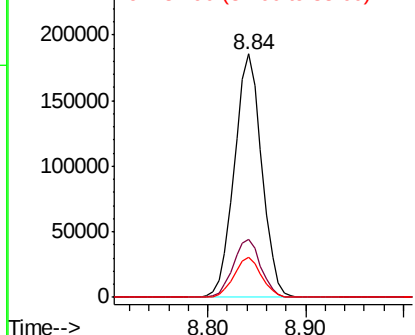
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 359455
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.4 0.0 32.2

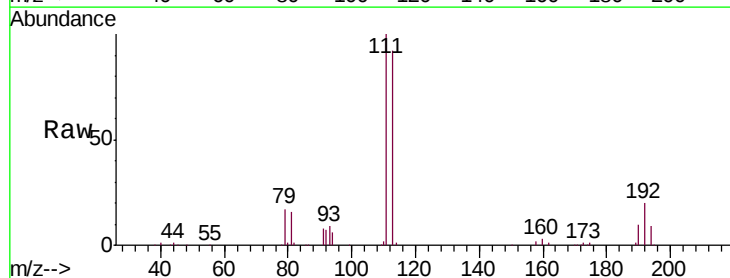


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

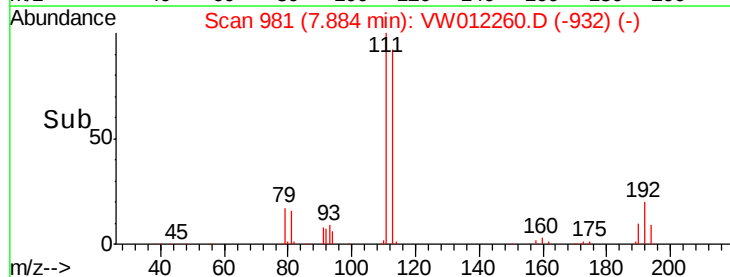
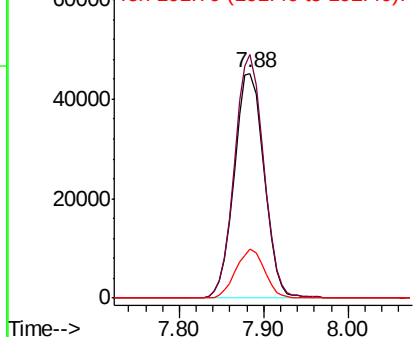


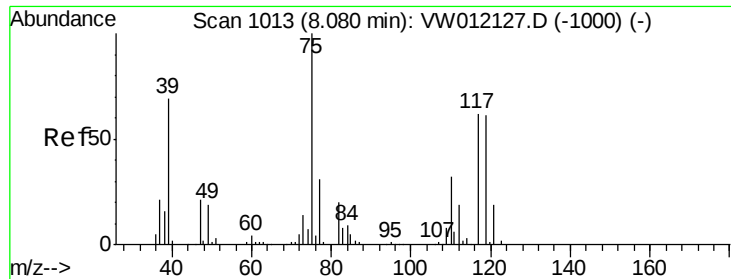
#35
 Dibromofluoromethane
 Concen: 50.538 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

Tgt Ion:113 Resp: 108434
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.7 124.1
 192 20.9 16.2 24.2



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

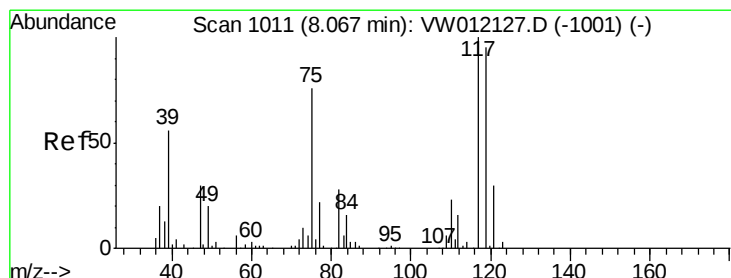
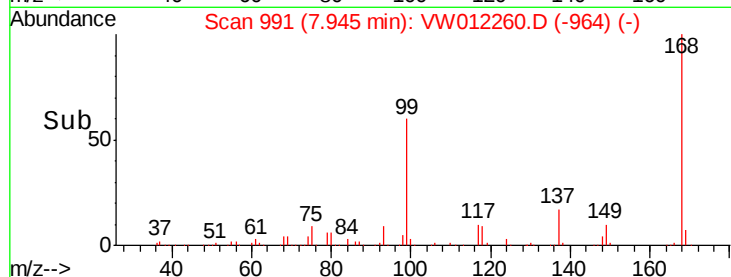
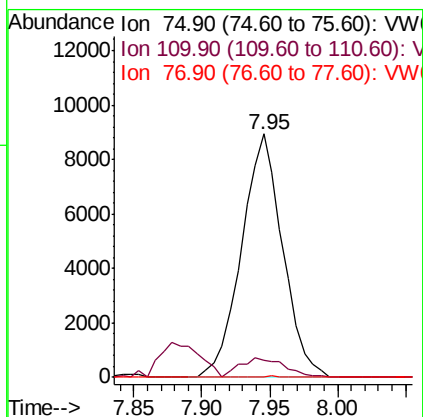
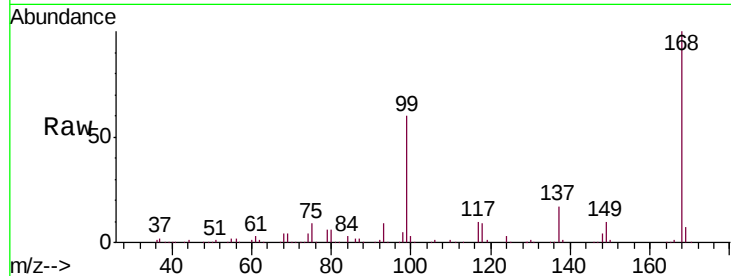




#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

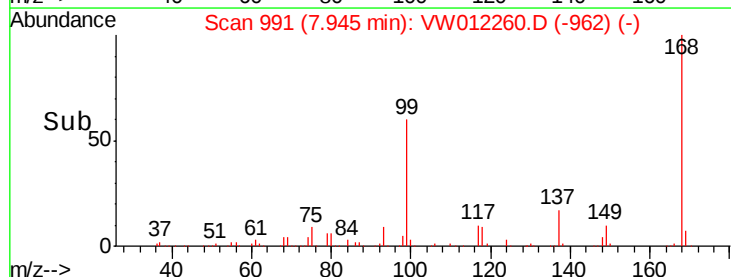
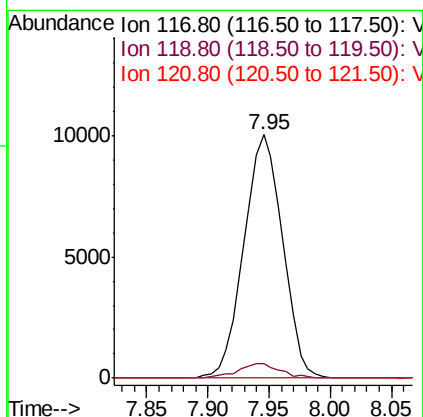
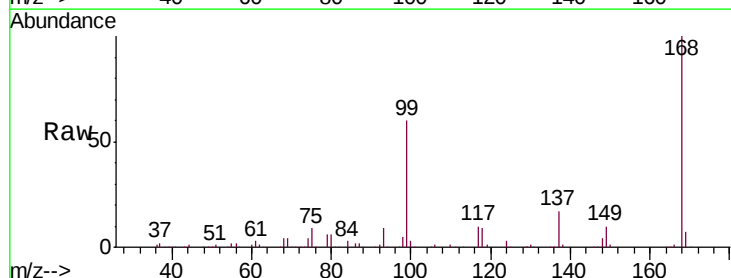
Instrument :
 MSVOA_W
 ClientSampled :

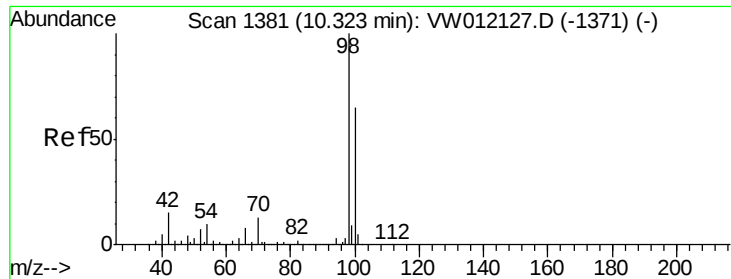
Tot Ion: 75 Resp: 18825
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 0.1 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.878 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

Tgt Ion: 117 Resp: 22113
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 49.291 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

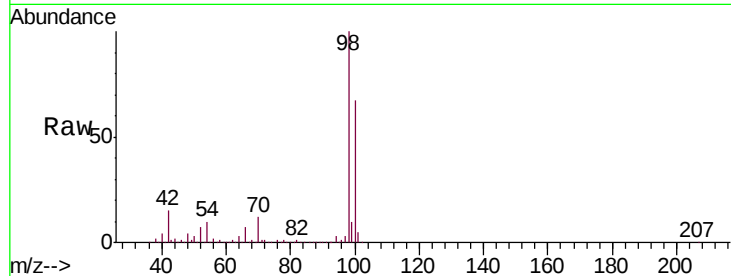
ClientSampled :

Tot Ion: 98 Resp: 428819

Ion Ratio Lower Upper

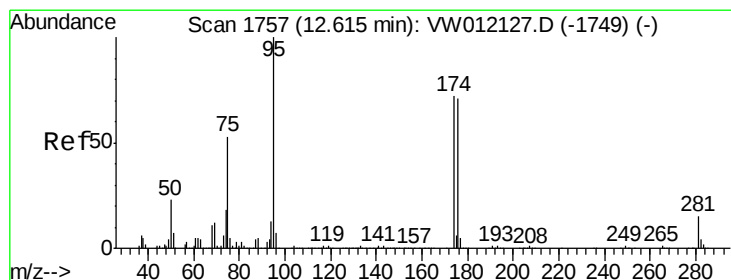
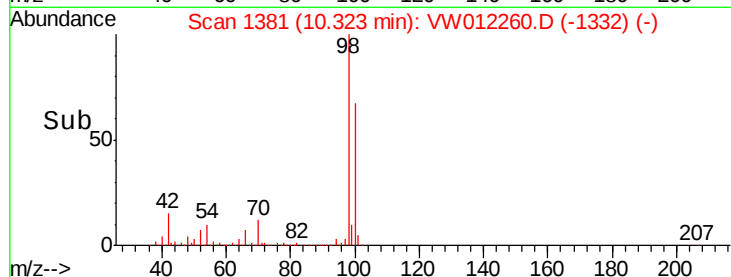
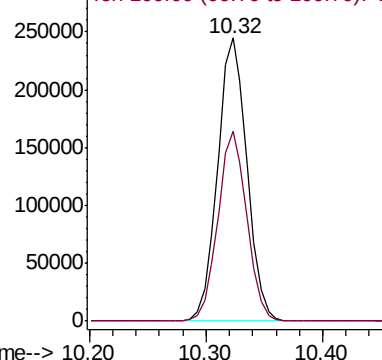
98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 34.908 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

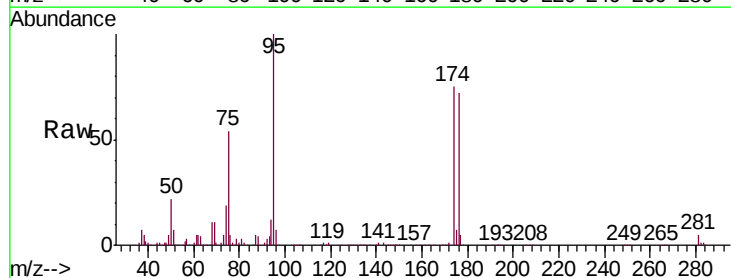
Tgt Ion: 95 Resp: 107050

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.8

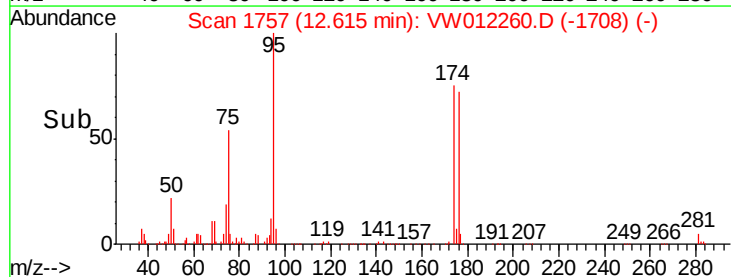
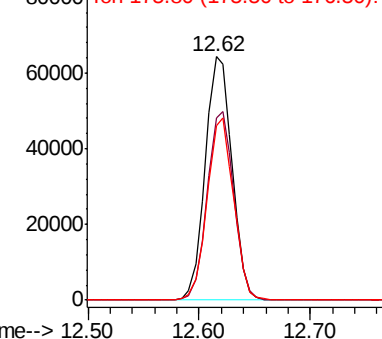
176 73.8 0.0 148.6

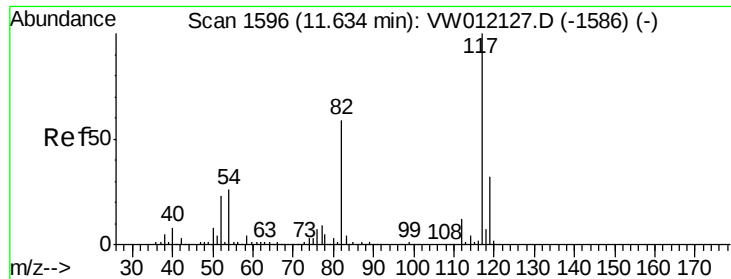


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

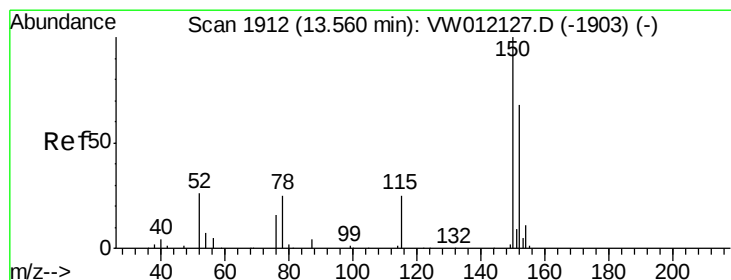
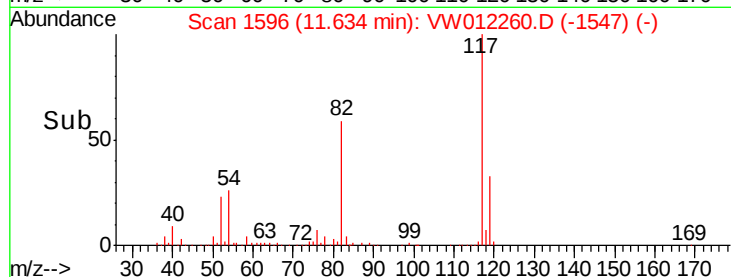
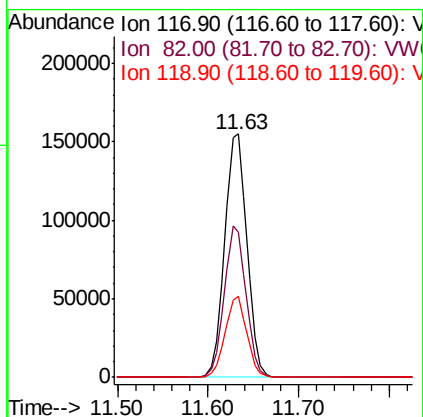
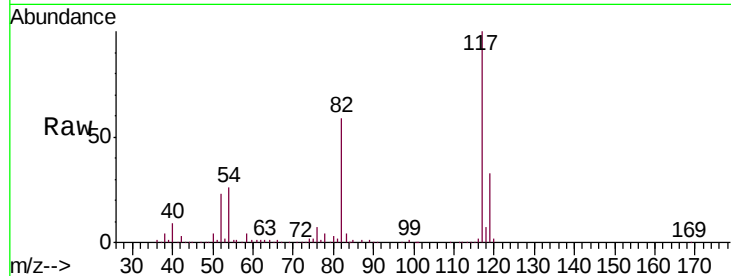




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

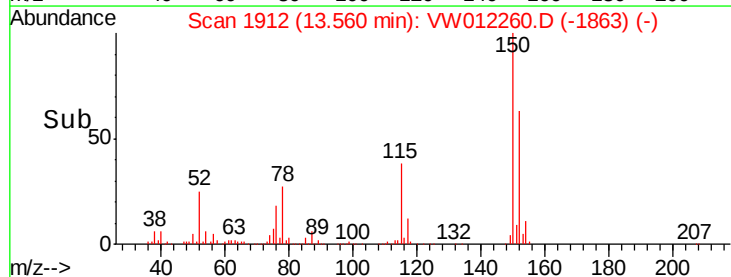
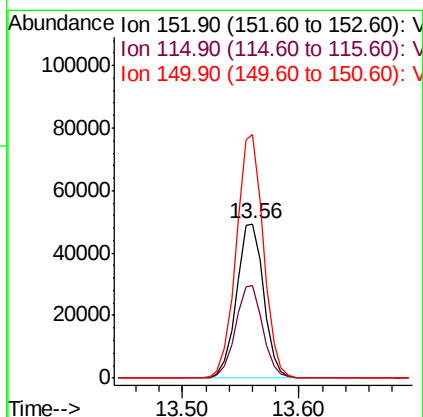
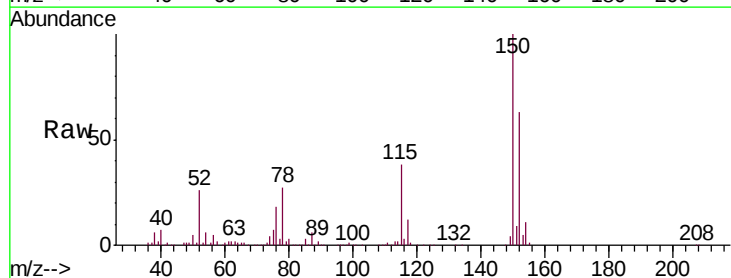
Instrument :
MSVOA_W
ClientSampleId :

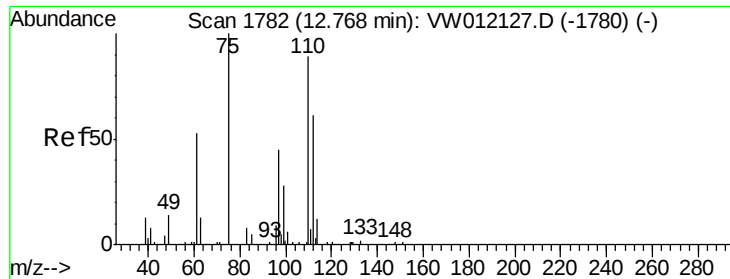
Tot Ion:117 Resp: 264230
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

Tgt Ion:152 Resp: 79864
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 158.0 0.0 345.8



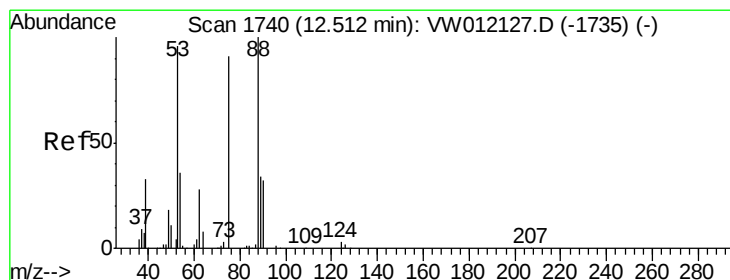
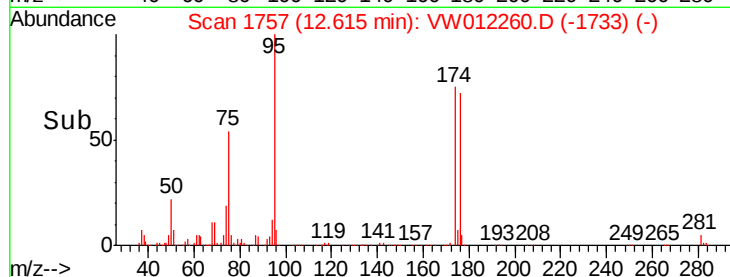
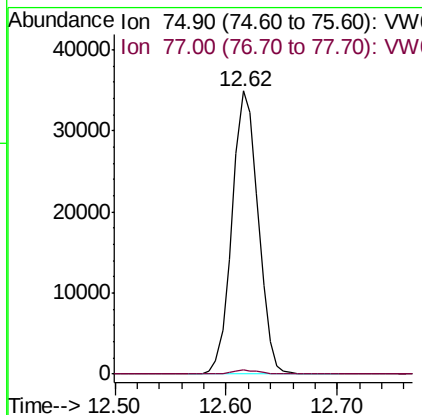
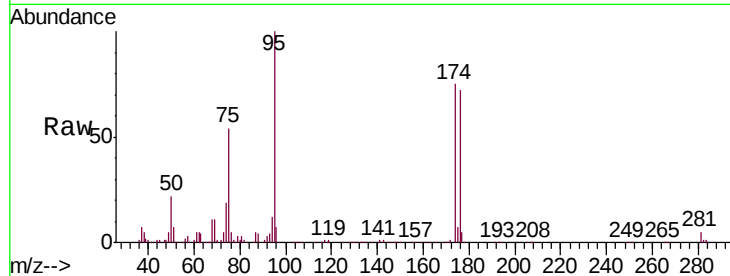


#76

1,2,3-Trichloropropane
Concen: 72.957 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :

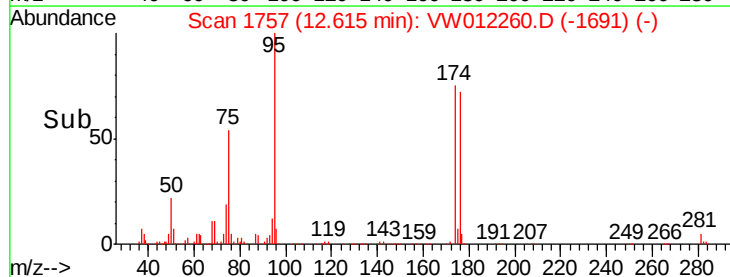
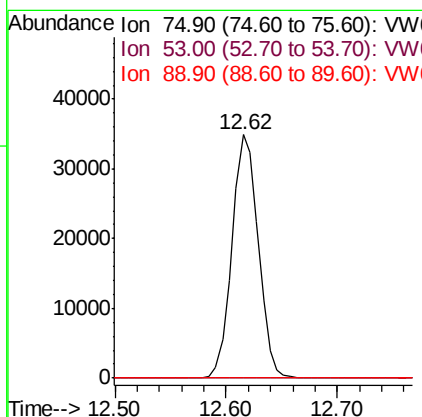
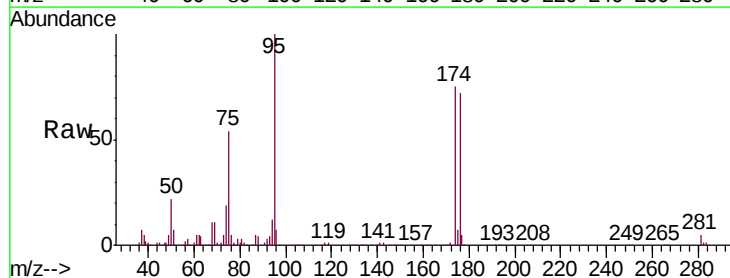
Tot Ion: 75 Resp: 56747
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

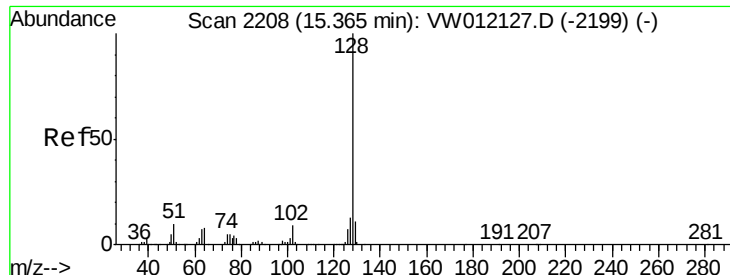


#81

trans-1,4-Dichloro-2-butene
Concen: 159.960 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

Tgt Ion: 75 Resp: 56747
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.1 34.5 51.7#

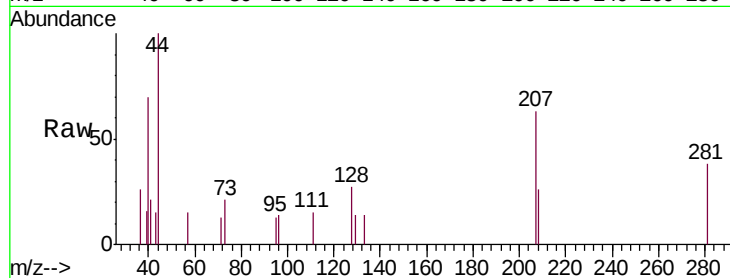




#95
Naphthalene
Concen: 4.361 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012260.D
Acq: 28 Aug 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1
129	33.6	8.7	13.1



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

