

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012541.D
 Acq On : 03 Sep 2019 12:55
 Operator : SY/VA
 Sample : K4439-08RE
 Misc : 2.37G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 03 14:04:44 2019
 Quant Method : Z:\V0ASRV\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	202973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44554	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	123969	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	7.88	113	103687	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
50) Toluene-d8	10.32	98	373407	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.62	95	72210	26.35	ug/l	0.00
Spiked Amount			Recovery	=	52.70%	

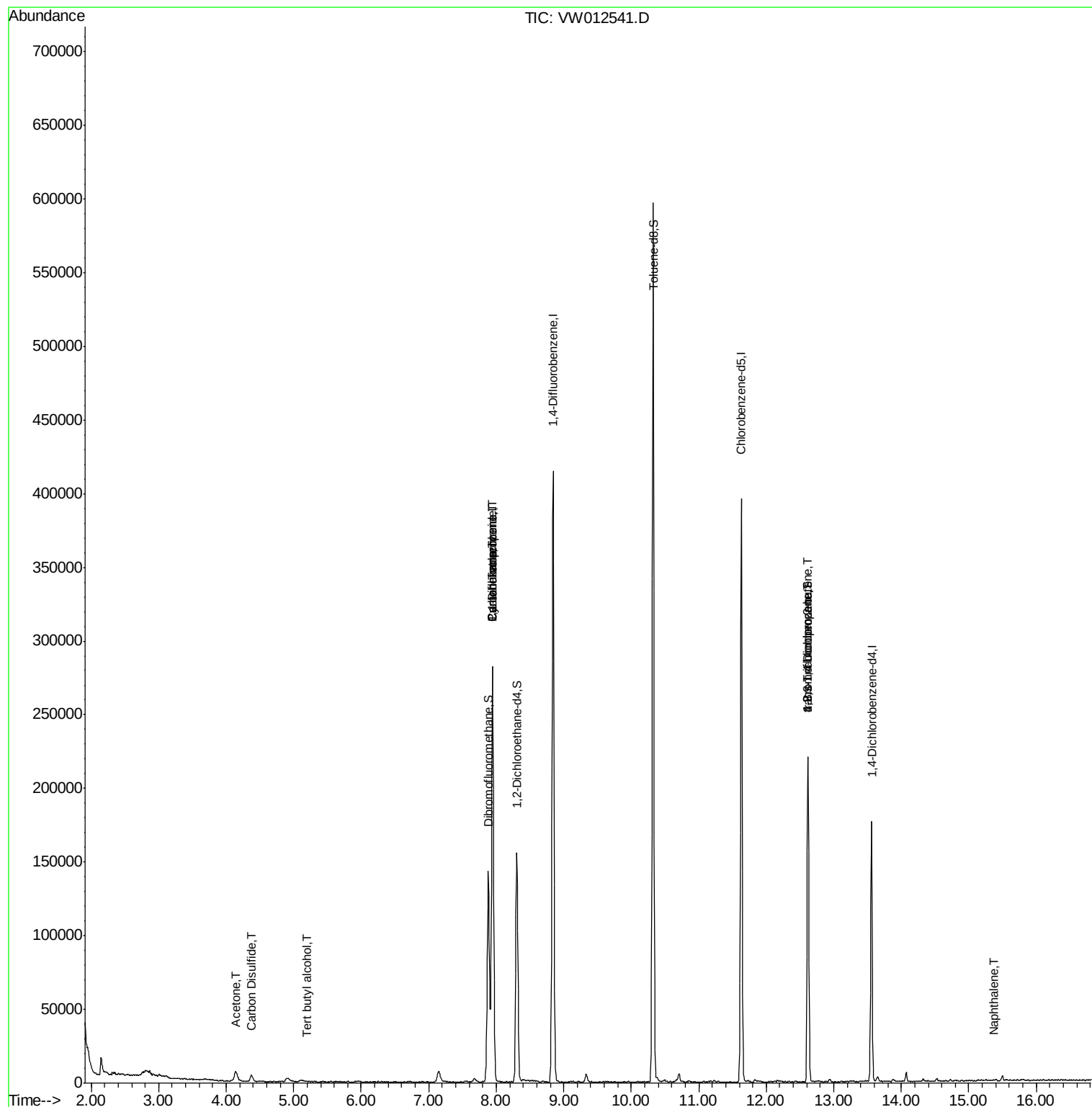
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	267	1.839	ug/l #	71
16) Acetone	4.14	43	14187	23.002	ug/l	100
17) Carbon Disulfide	4.37	76	8943	1.453	ug/l #	92
31) Cyclohexane	7.95	56	5715	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17031	5.131	ug/l #	53
38) Carbon Tetrachloride	7.95	117	20429	7.111	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	38866	89.569	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38866	196.383	ug/l #	6
95) Naphthalene	15.37	128	398	4.537	ug/l #	69

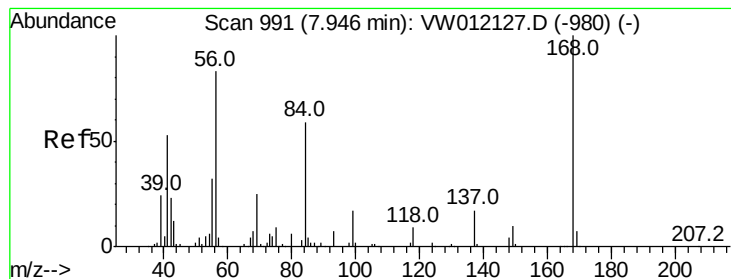
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 26 07:18:31 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: VW012541.D

Acq: 03 Sep 2019 12:55

Instrument :

MSVOA_W

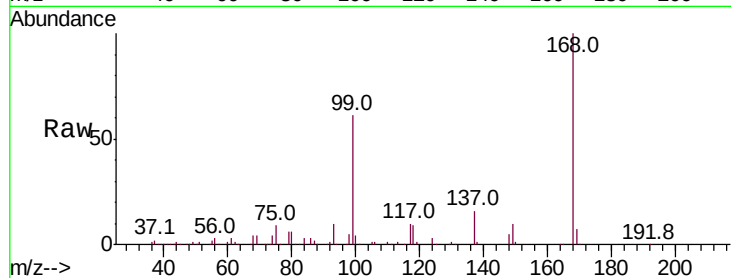
ClientSampleId :

Tot Ion:168 Resp: 202973

Ion Ratio Lower Upper

168 100

99 61.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

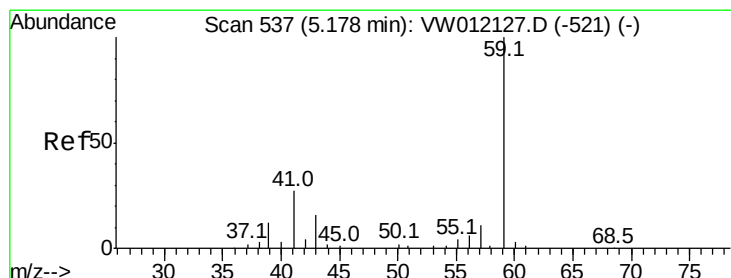
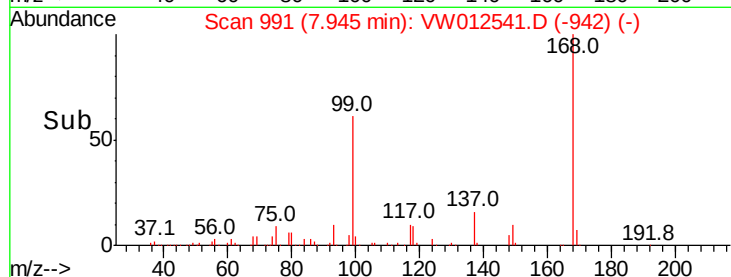
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.839 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW012541.D

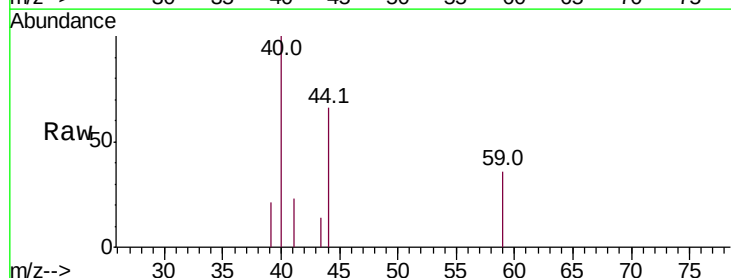
Acq: 03 Sep 2019 12:55

Tgt Ion: 59 Resp: 267

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

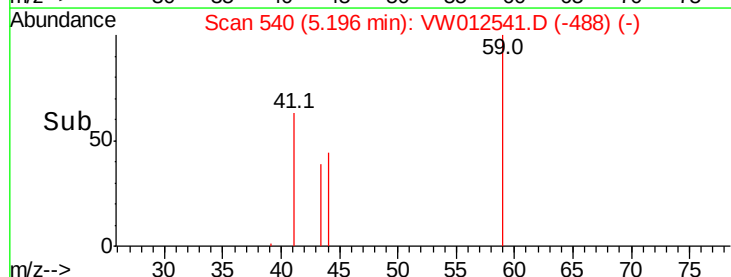
150

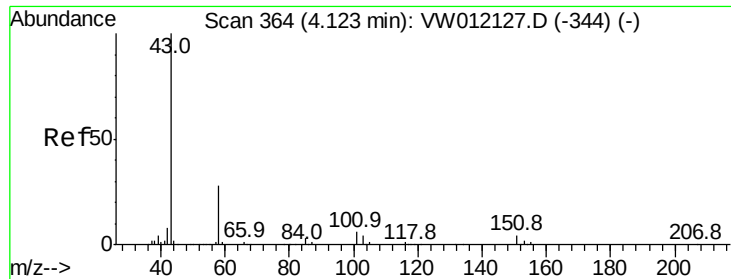
100

50

0

Time--> 5.18 5.20 5.22 5.24

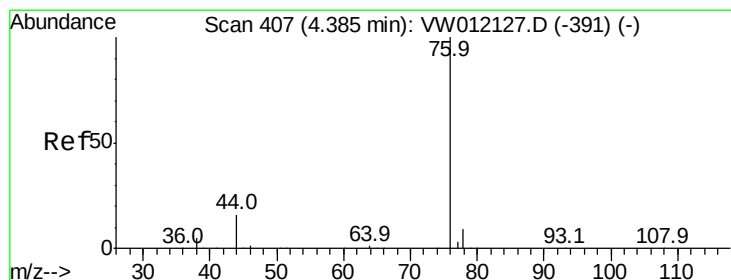
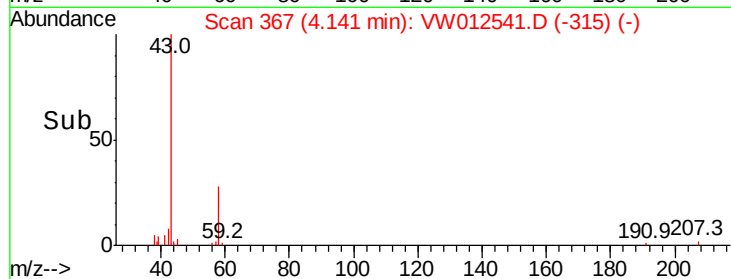
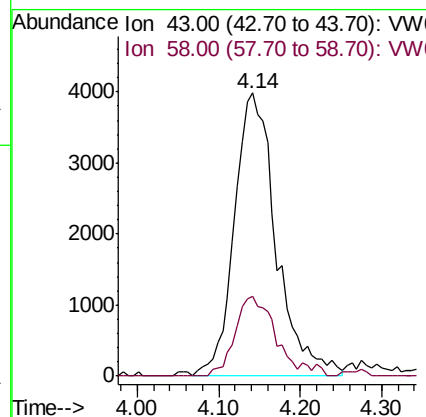
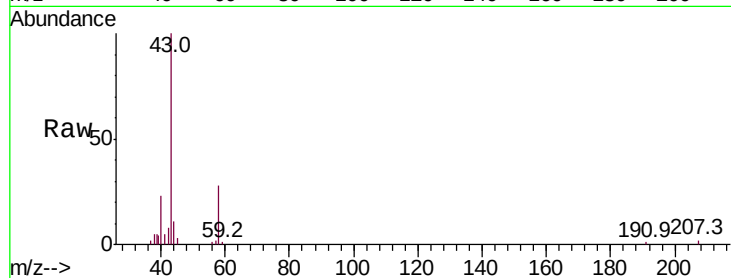




#16
Acetone
Concen: 23.002 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW012541.D
Acq: 03 Sep 2019 12:55

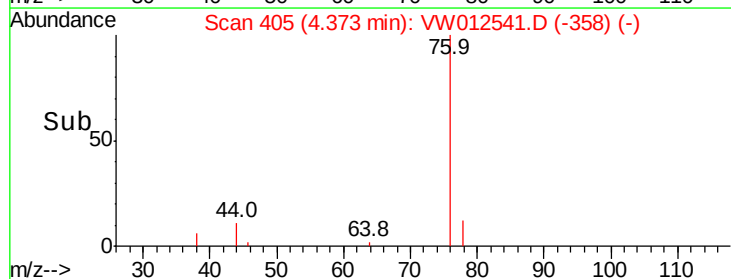
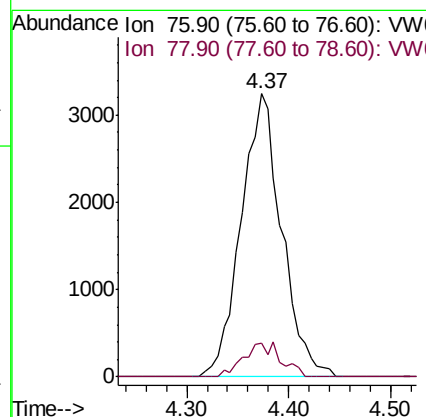
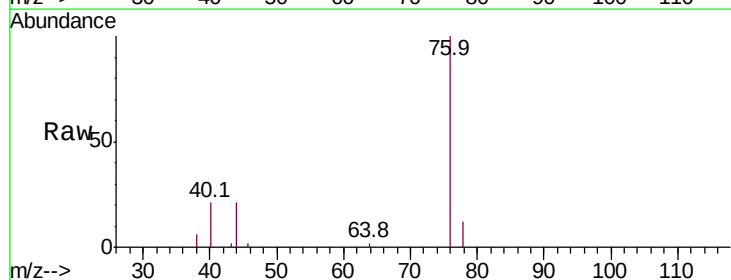
Instrument :
MSVOA_W
ClientSampleId :

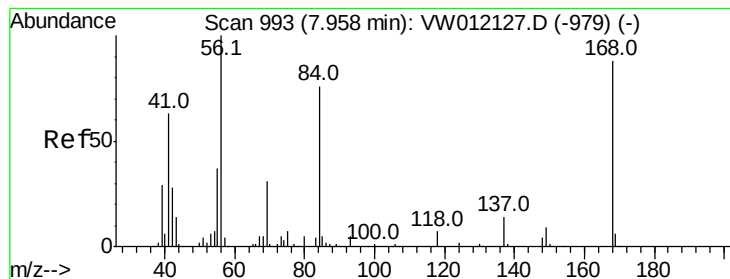
Tot Ion: 43 Resp: 14187
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6



#17
Carbon Disulfide
Concen: 1.453 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012541.D
Acq: 03 Sep 2019 12:55

Tgt Ion: 76 Resp: 8943
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9#





#31

Cyclohexane

Concen: 1.315 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

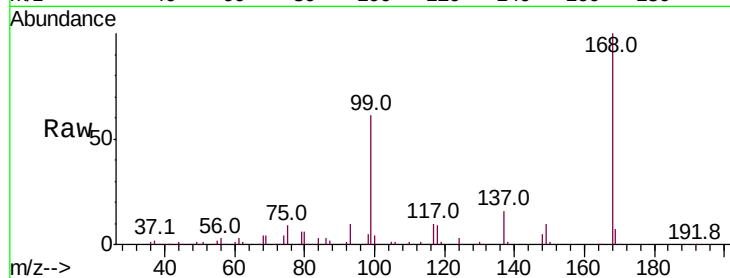
Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

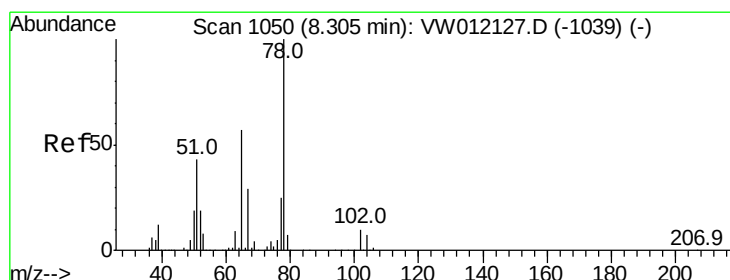
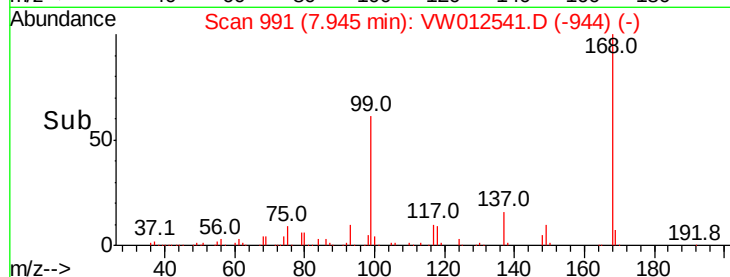
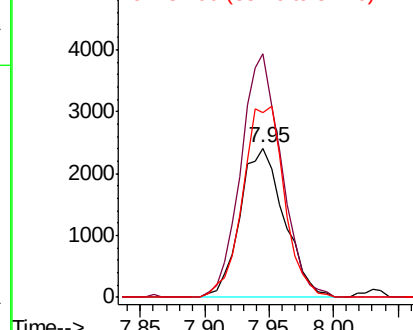
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5715

Ion	Ratio	Lower	Upper
56	100		
69	163.4	24.9	37.3#
84	123.7	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: 51.379 ug/l

RT: 8.31 min Scan# 1050

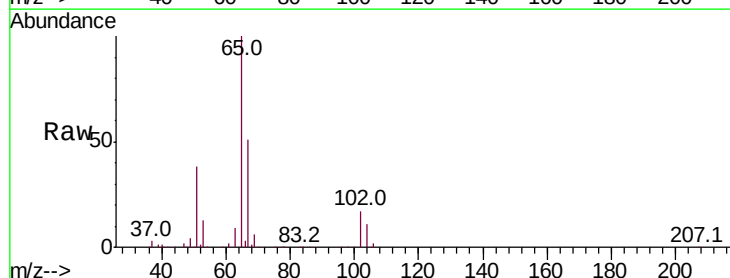
Delta R.T. -0.00 min

Lab File: VW012541.D

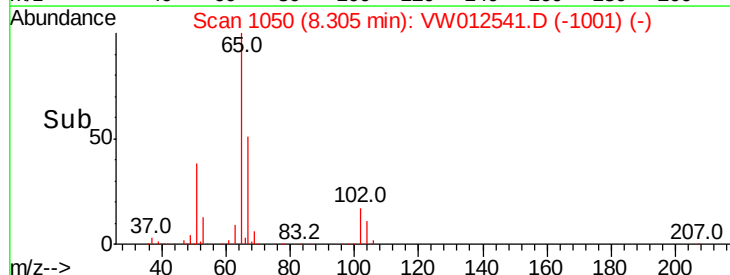
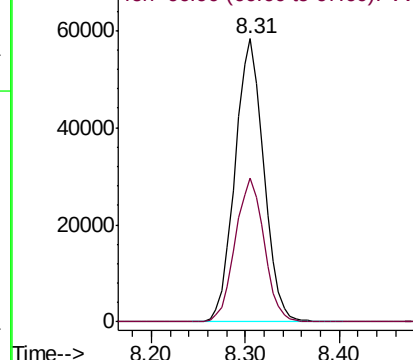
Acq: 03 Sep 2019 12:55

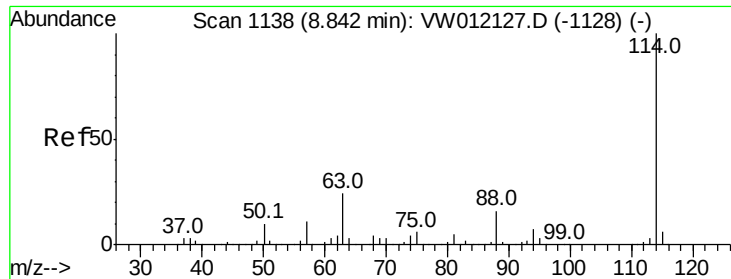
Tgt Ion: 65 Resp: 123969

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6



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

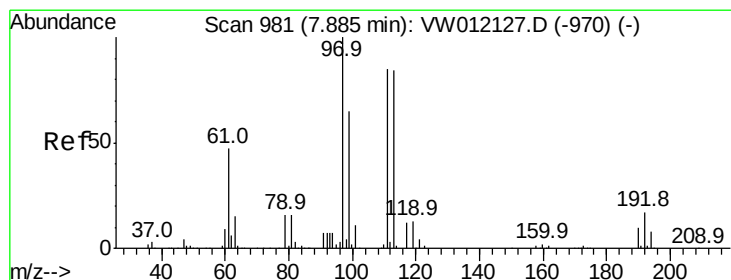
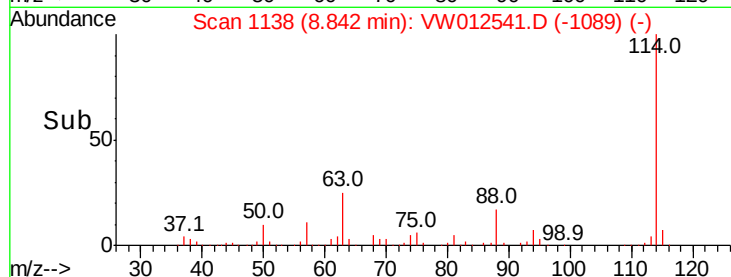
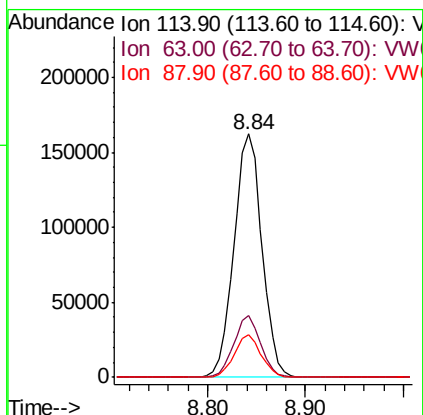
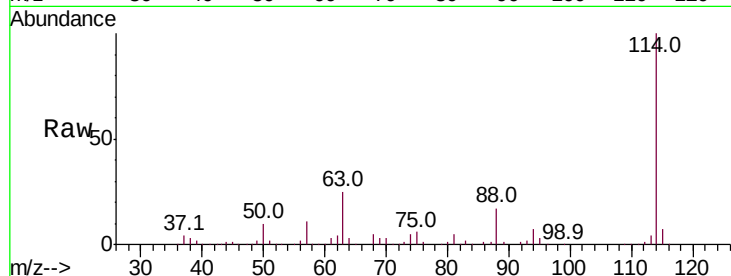




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012541.D
 Acq: 03 Sep 2019 12:55

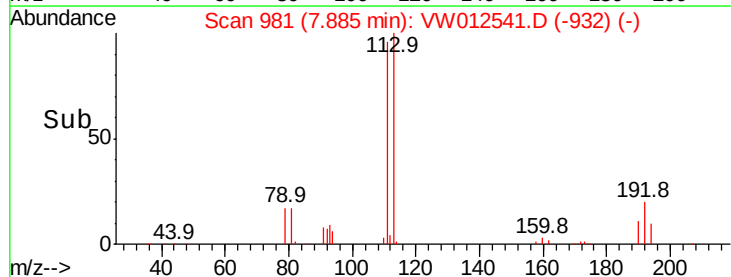
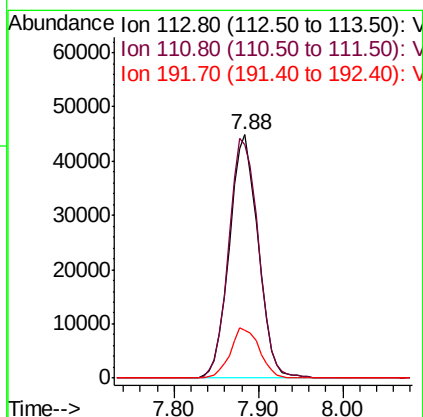
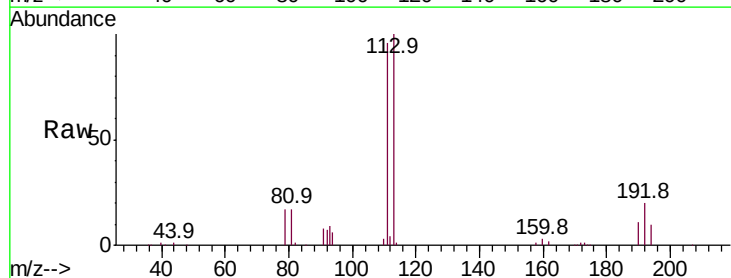
Instrument :
 MSVOA_W
 ClientSampleId :

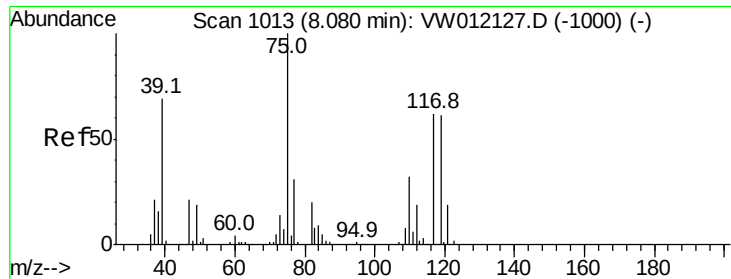
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	48.6
88	17.3	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 54.082 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012541.D
 Acq: 03 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	21.0	16.2	24.2





#36

1,1-Dichloropropene

Concen: 5.131 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

Instrument :

MSVOA_W

ClientSampled :

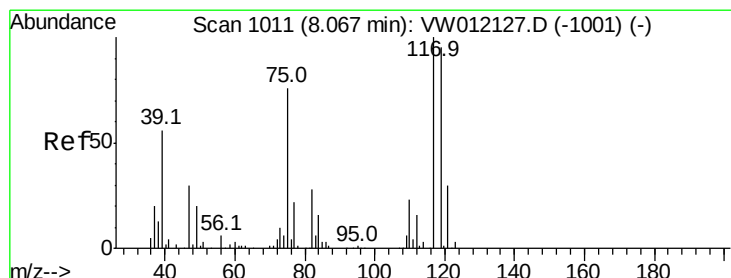
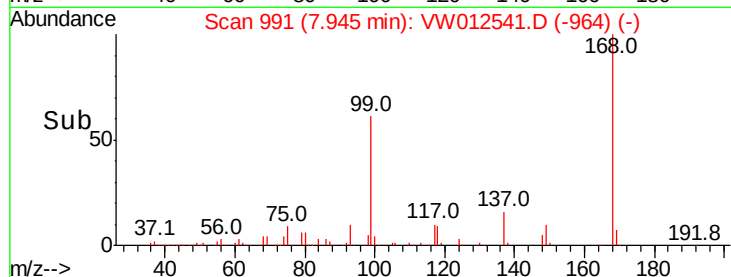
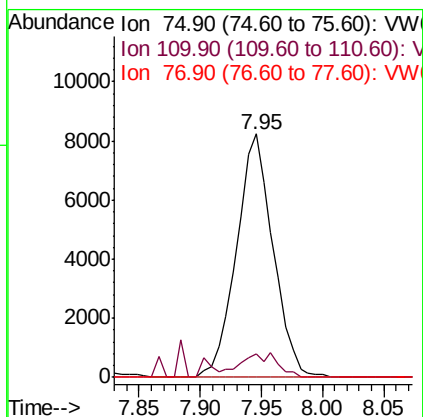
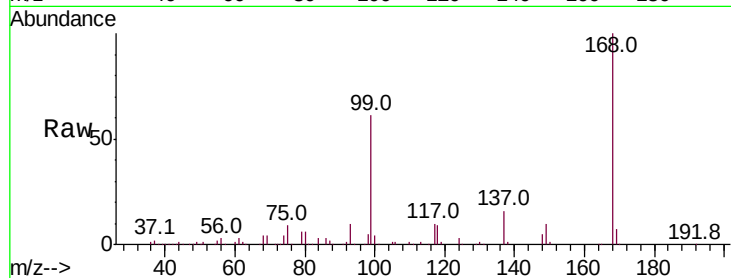
Tot Ion: 75 Resp: 17031

Ion Ratio Lower Upper

75 100

110 10.2 15.6 46.8#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 7.111 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

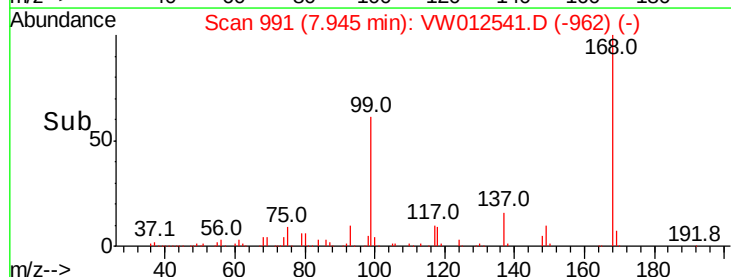
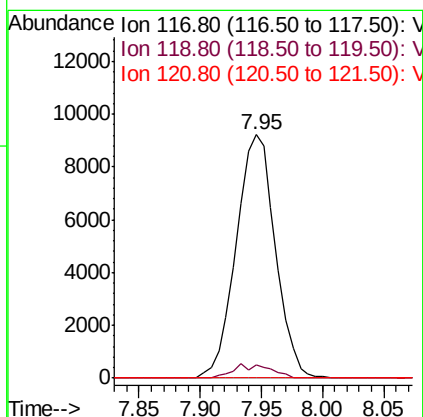
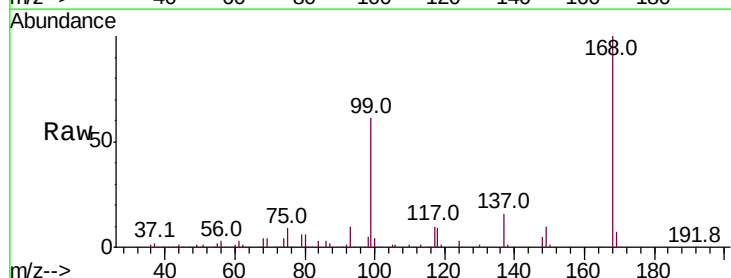
Tgt Ion: 117 Resp: 20429

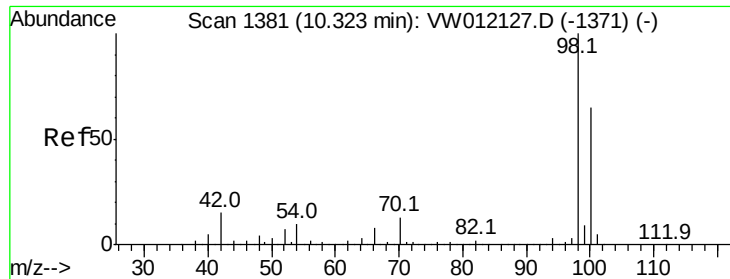
Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 48.034 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

Instrument :

MSVOA_W

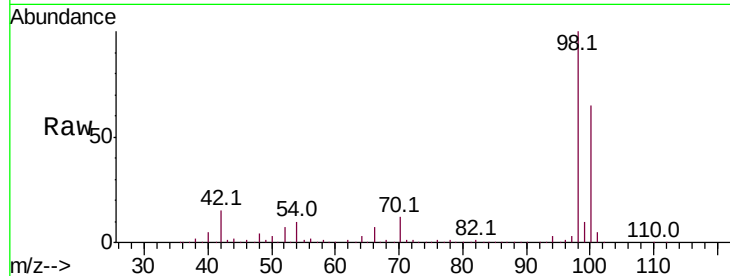
ClientSampleId :

Tot Ion: 98 Resp: 373407

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

100000

50000

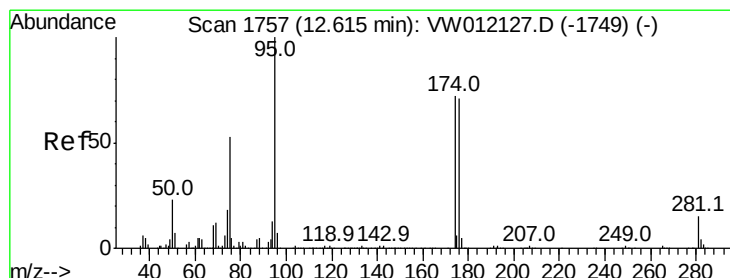
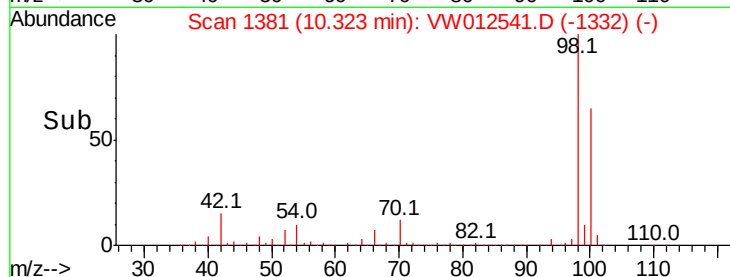
0

10.20

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 26.352 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

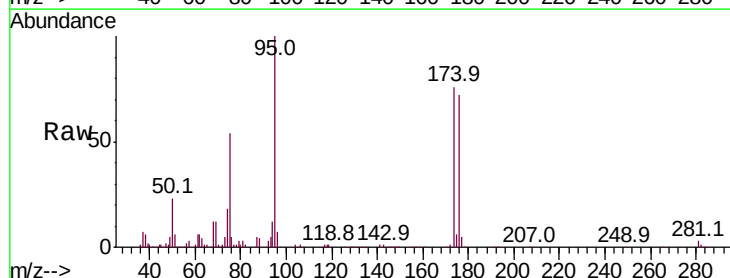
Tgt Ion: 95 Resp: 72210

Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

176 76.0 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

60000

50000

40000

30000

20000

10000

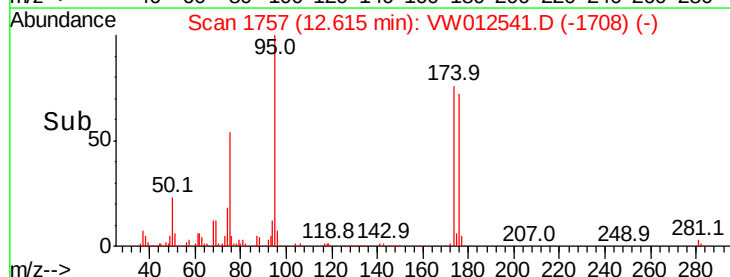
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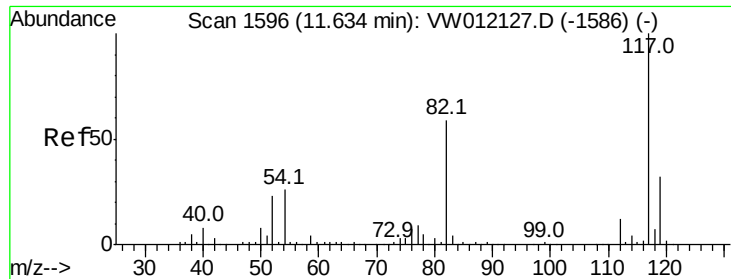
12.50

12.60

12.70

Time-->

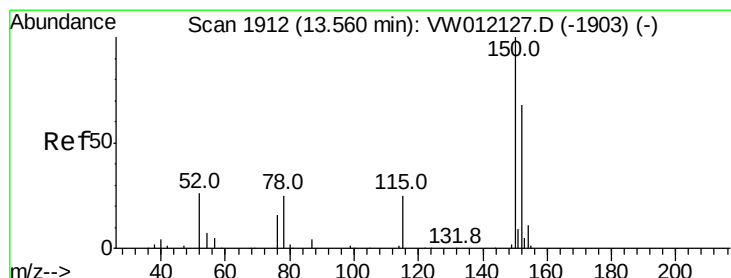
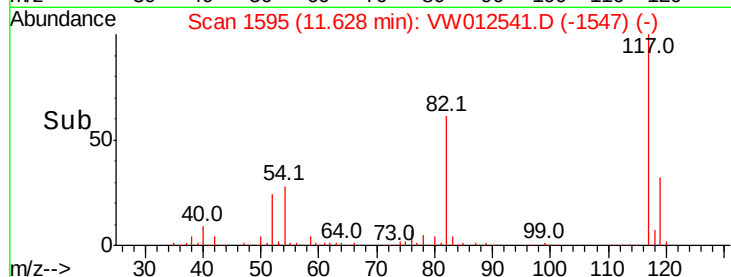
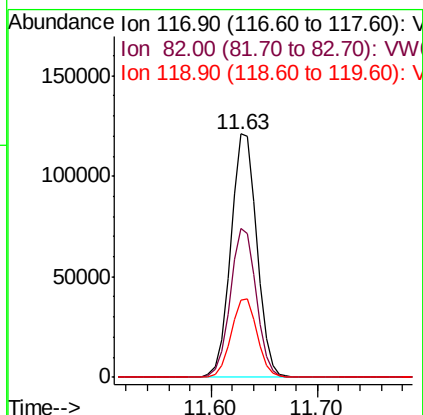
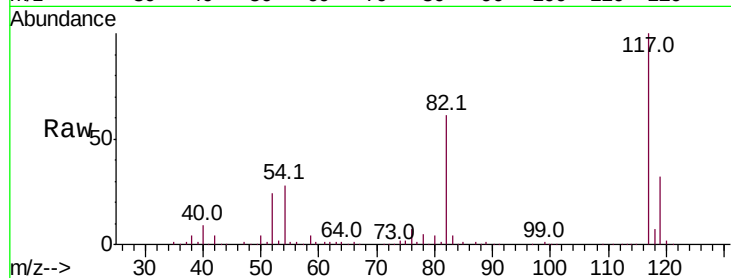




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012541.D
Acq: 03 Sep 2019 12:55

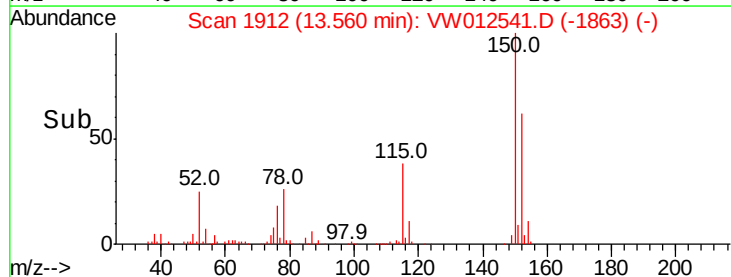
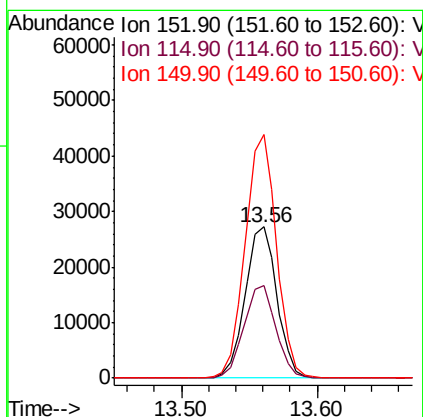
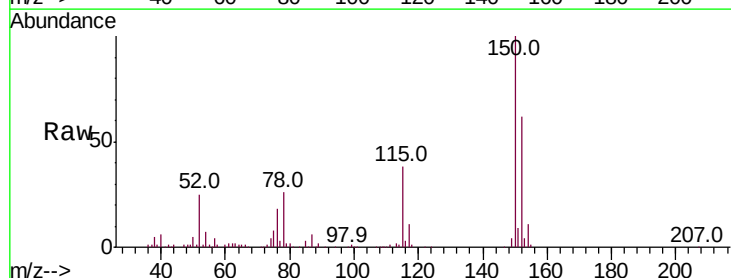
Instrument :
MSVOA_W
ClientSampleId :

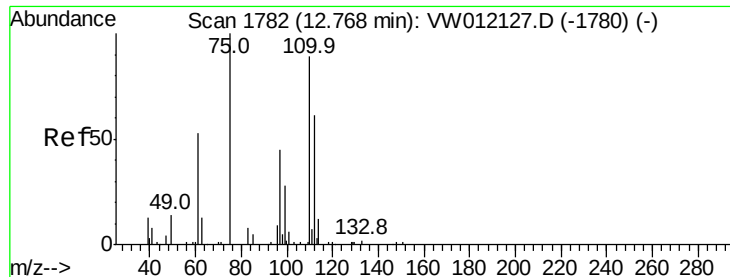
Tot Ion:117 Resp: 208660
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012541.D
Acq: 03 Sep 2019 12:55

Tgt Ion:152 Resp: 44554
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.3
150 158.6 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 89.569 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

Instrument :

MSVOA_W

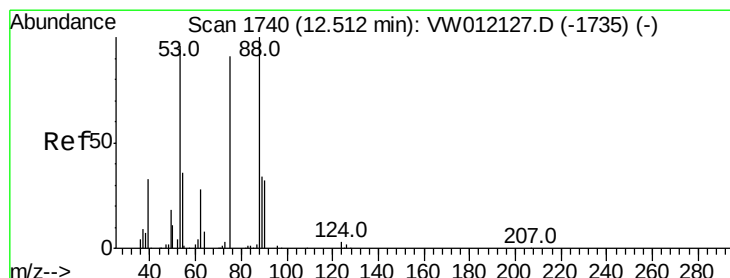
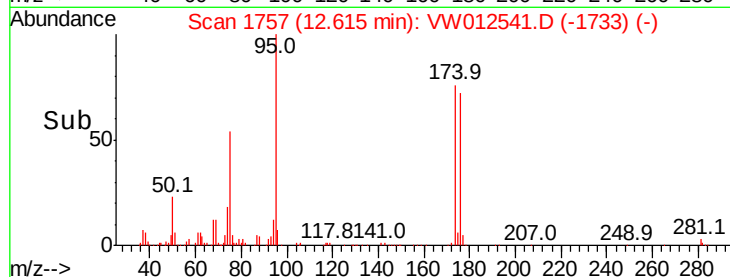
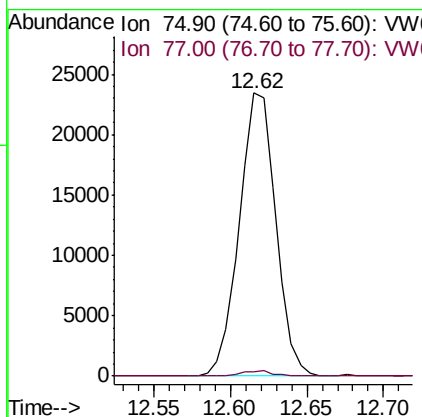
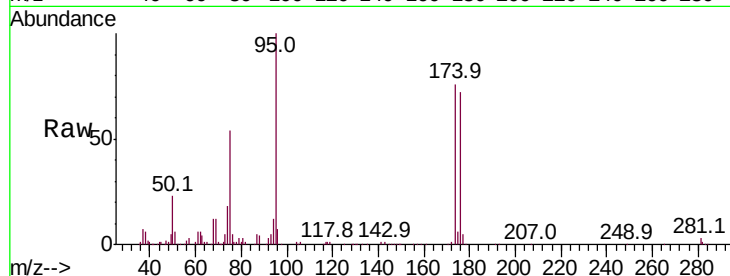
ClientSampleId :

Tot Ion: 75 Resp: 38866

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 196.383 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

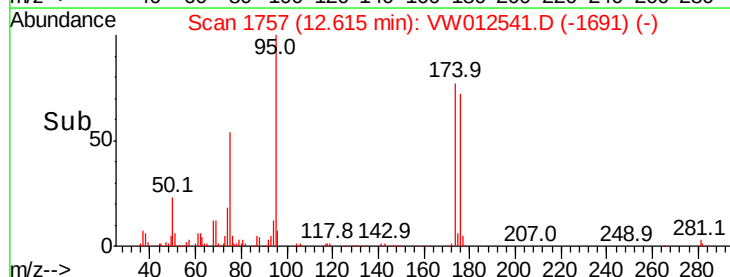
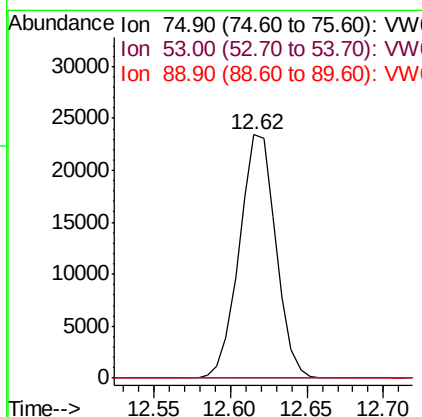
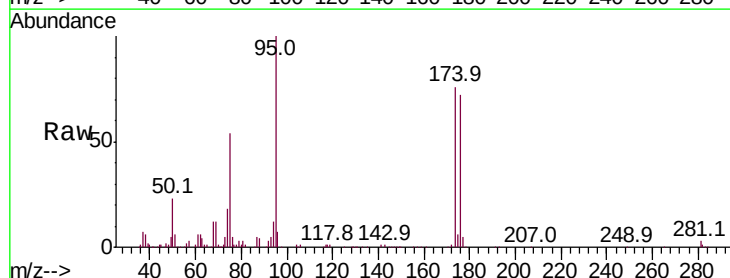
Tgt Ion: 75 Resp: 38866

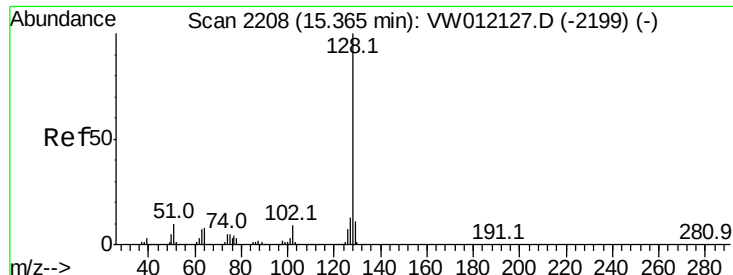
Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 4.537 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012541.D

Acq: 03 Sep 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

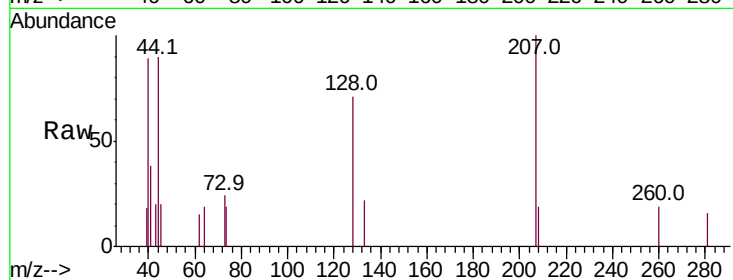
Tot Ion:128 Resp: 398

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 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

