

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008474.D
 Acq On : 01 Feb 2019 11:40
 Operator : SY/VA
 Sample : VW0201SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBL01

Quant Time: Feb 02 00:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	370885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	586309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	520329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	254186	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	180153	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	7.88	113	181283	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
50) Toluene-d8	10.32	98	688852	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.62	95	249385	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

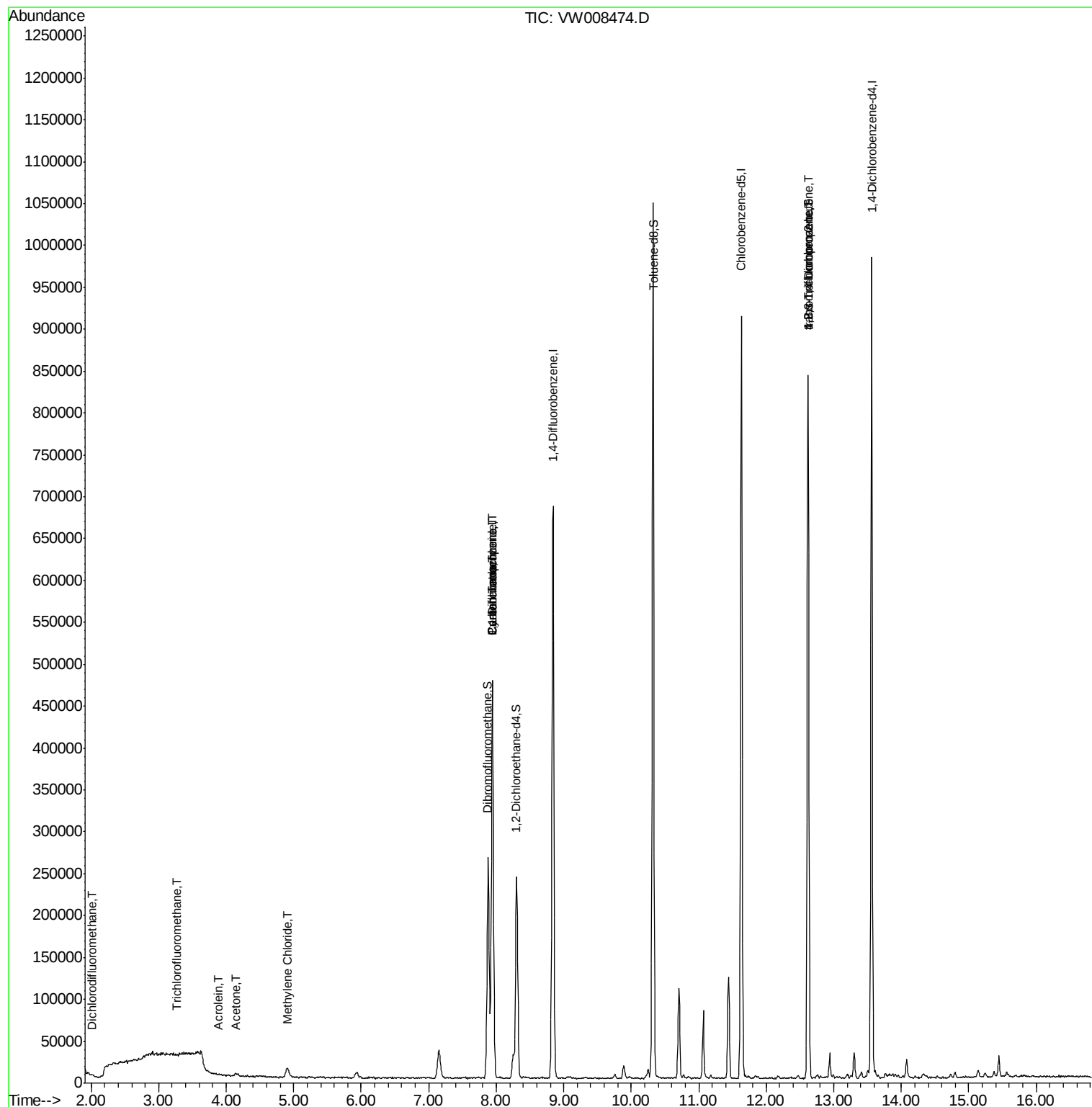
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	1832	4.052	ug/l	90
7) Trichlorofluoromethane	3.26	101	89	4.749	ug/l #	17
13) Acrolein	3.88	56	231	5.063	ug/l	88
16) Acetone	4.15	43	6381	7.799	ug/l	92
20) Methylene Chloride	4.90	84	8574	2.274	ug/l #	76
31) Cyclohexane	7.94	56	8379	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	26953	4.867	ug/l #	51
38) Carbon Tetrachloride	7.94	117	35860	6.434	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	127663	57.767	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	127663	114.094	ug/l #	12

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Feb 02 00:38:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 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: VW008474.D

Acq: 01 Feb 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

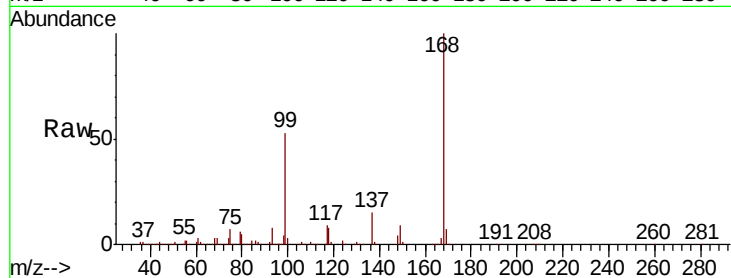
VW0201SBL01

Tgt Ion:168 Resp: 370885

Ion Ratio Lower Upper

168 100

99 53.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

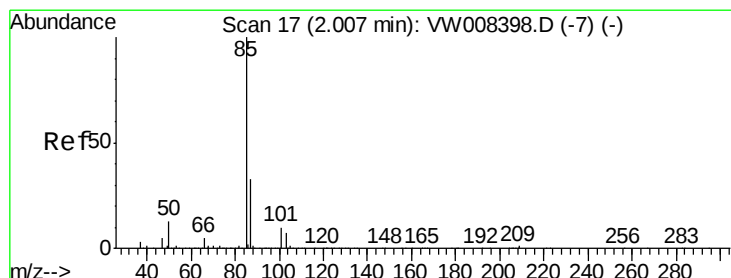
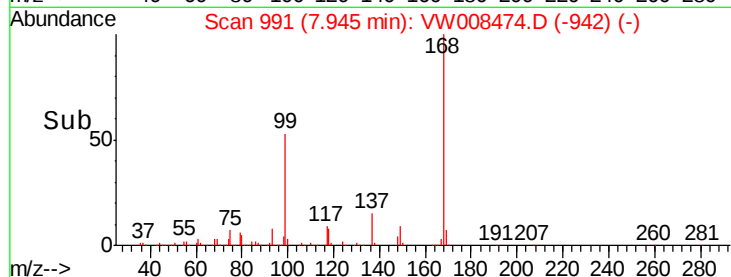
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.052 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008474.D

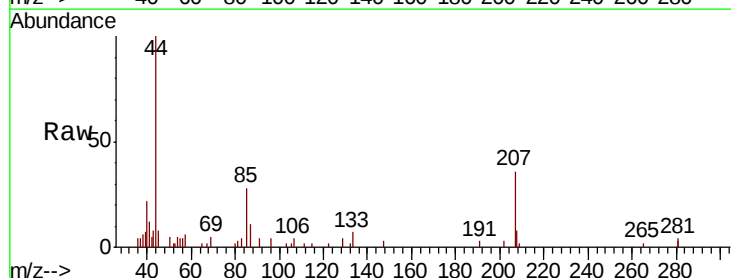
Acq: 01 Feb 2019 11:40

Tgt Ion: 85 Resp: 1832

Ion Ratio Lower Upper

85 100

87 39.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

800

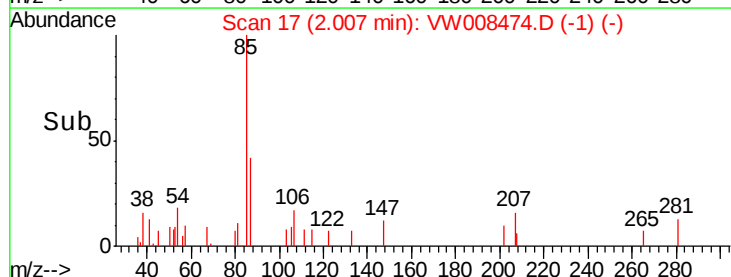
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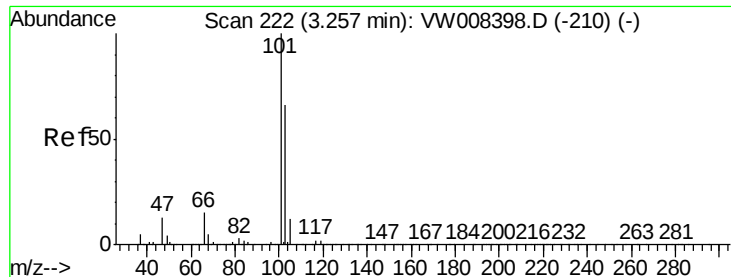
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Time-->



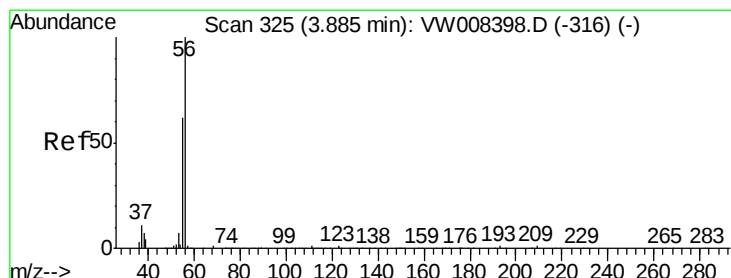
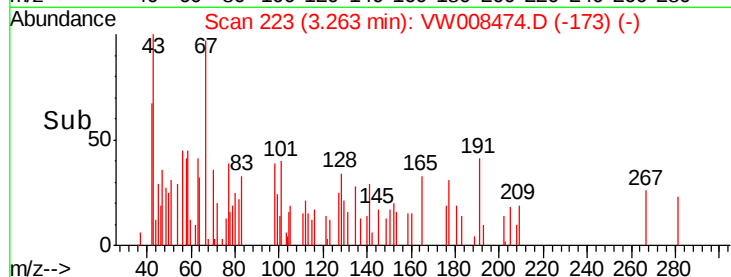
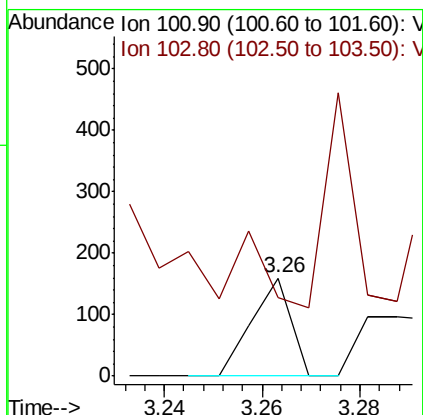
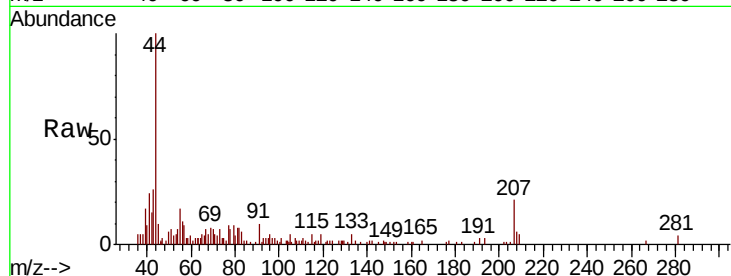


#7

Trichlorofluoromethane
Concen: 4.749 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

Instrument :
MSVOA_W
ClientSampled :
VW0201SBL01

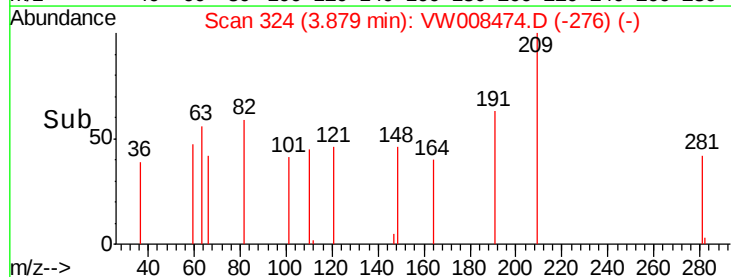
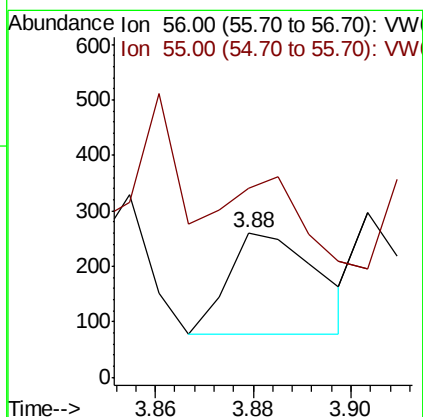
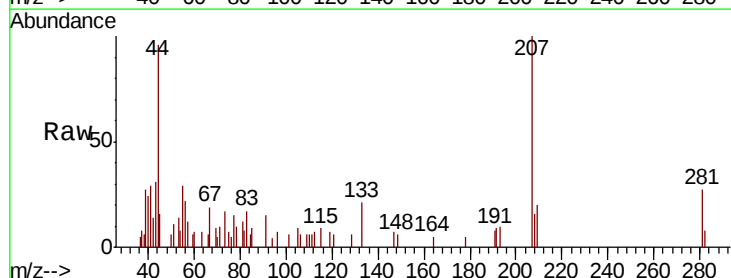
Tgt Ion: 101 Resp: 89
Ion Ratio Lower Upper
101 100
103 0.0 52.5 78.7#

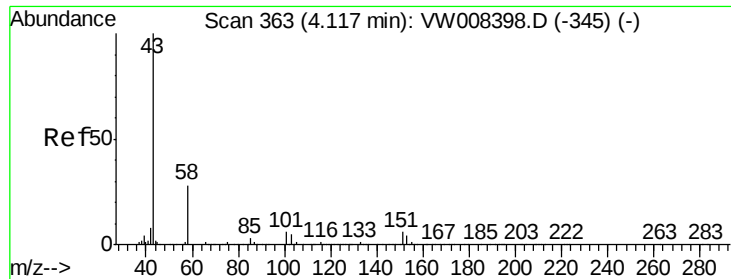


#13

Acrolein
Concen: 5.063 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 61.0 56.7 85.1

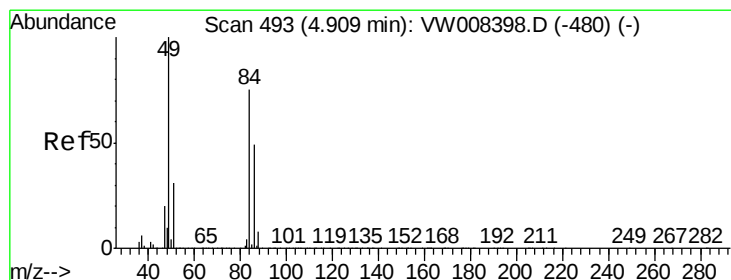
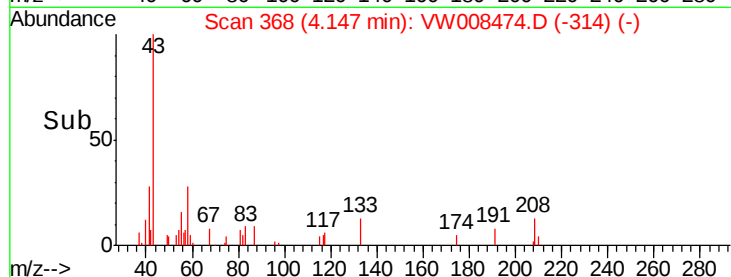
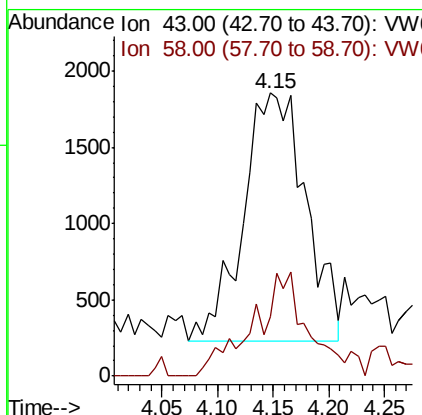
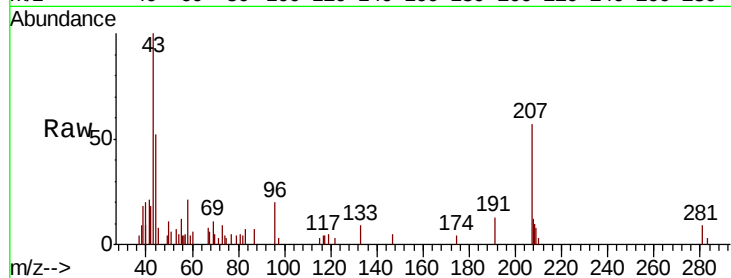




#16
Acetone
Concen: 7.799 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

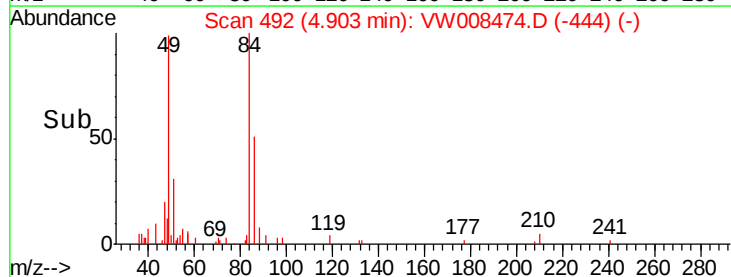
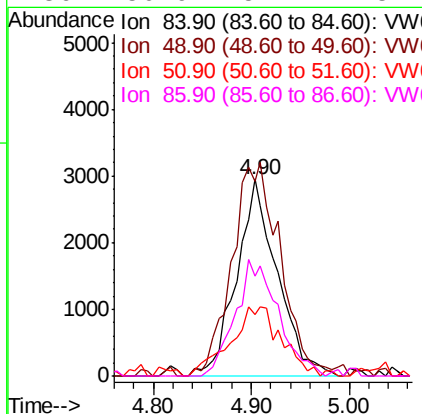
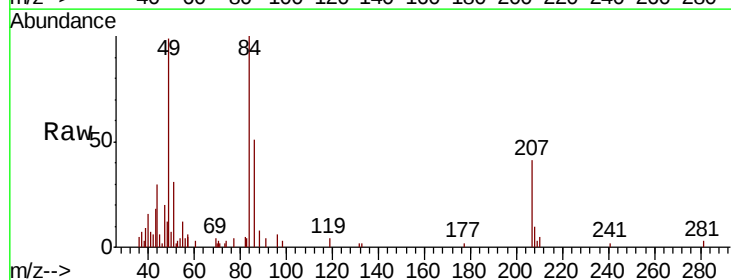
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBL01

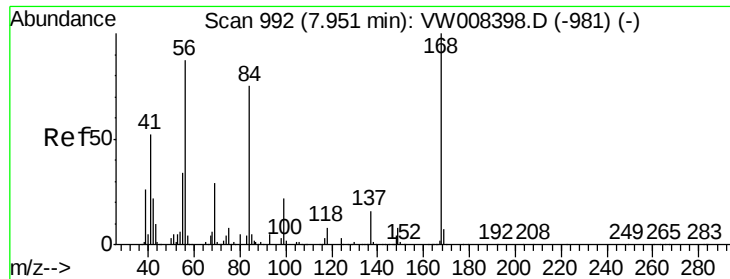
Tgt Ion: 43 Resp: 6381
Ion Ratio Lower Upper
43 100
58 24.0 22.6 34.0



#20
Methylene Chloride
Concen: 2.274 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

Tgt Ion: 84 Resp: 8574
Ion Ratio Lower Upper
84 100
49 99.1 106.8 160.2#
51 31.0 32.9 49.3#
86 50.9 52.2 78.2#

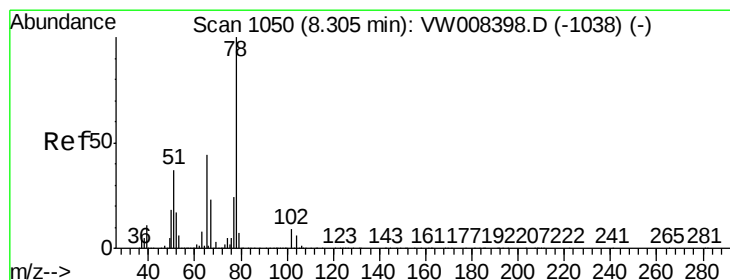
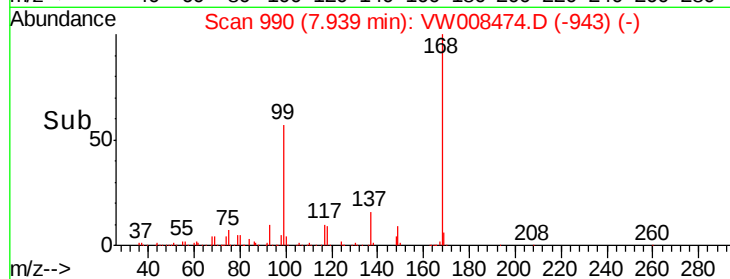
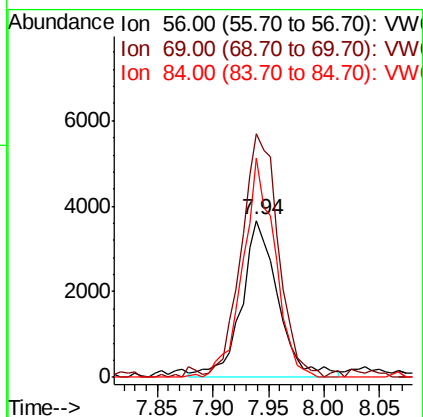
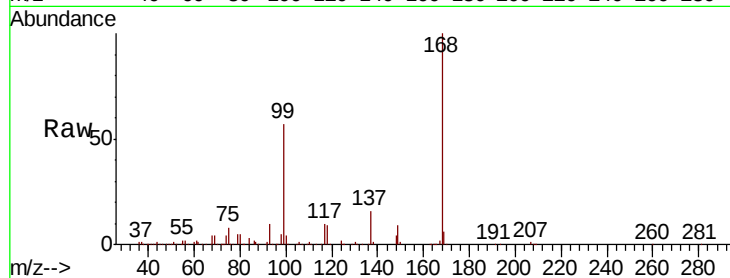




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

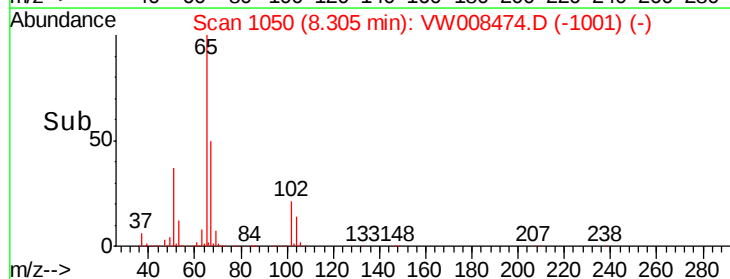
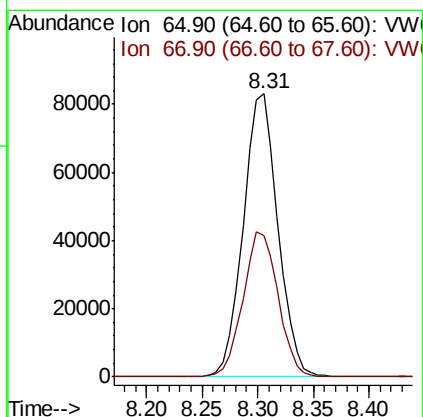
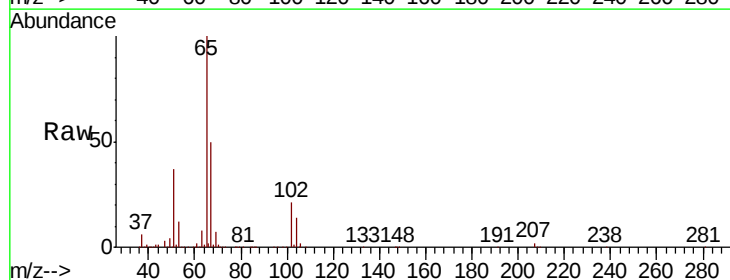
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBL01

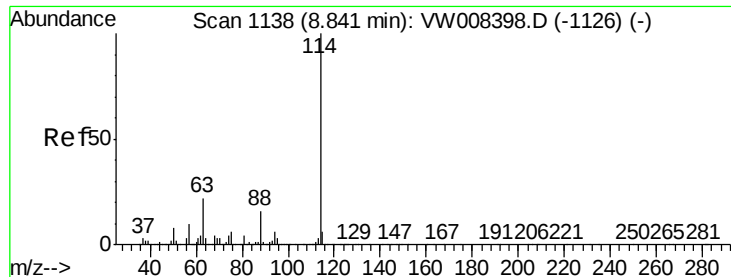
Tgt Ion: 56 Resp: 8379
Ion Ratio Lower Upper
56 100
69 155.4 26.4 39.6#
84 143.6 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 49.444 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

Tgt Ion: 65 Resp: 180153
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

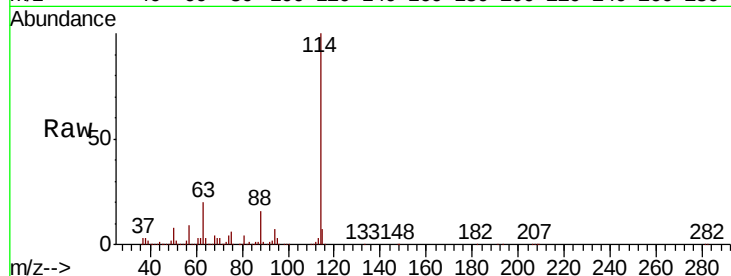




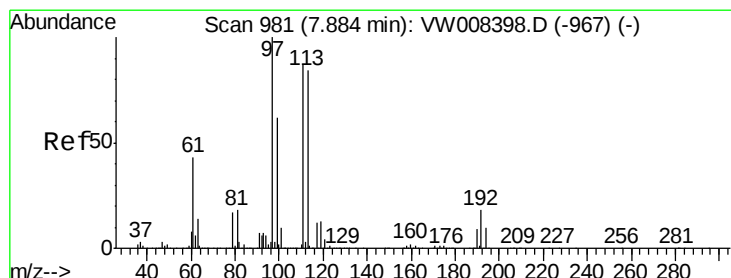
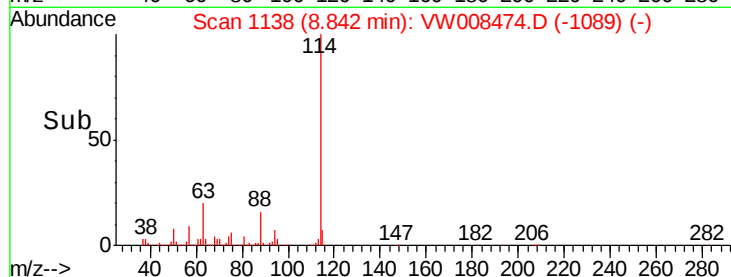
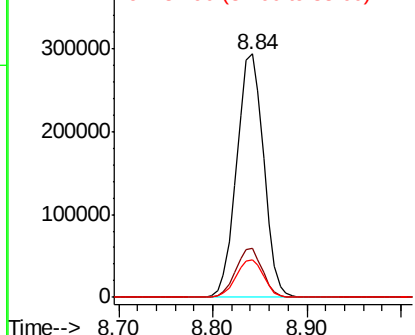
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008474.D
 Acq: 01 Feb 2019 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBL01

Tgt Ion:	114	Resp:	586309
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.6
88	15.6	0.0	31.8

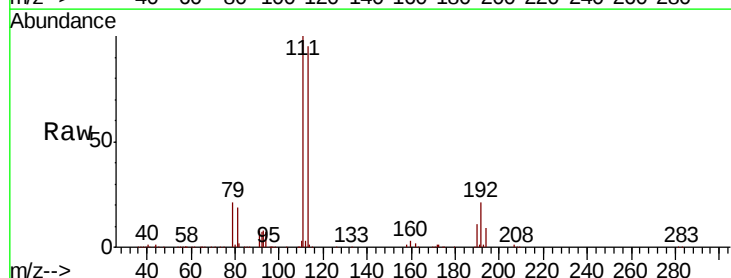


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

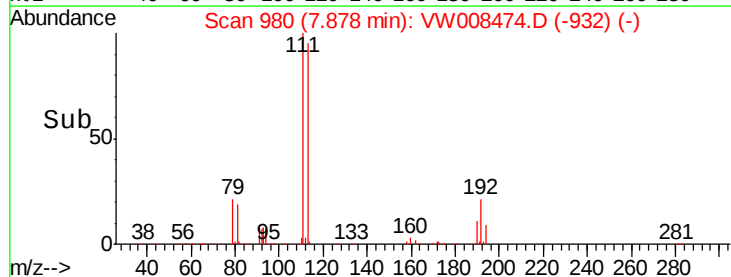
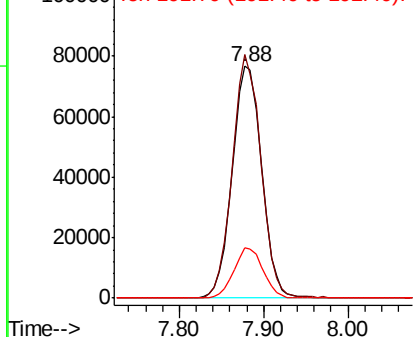


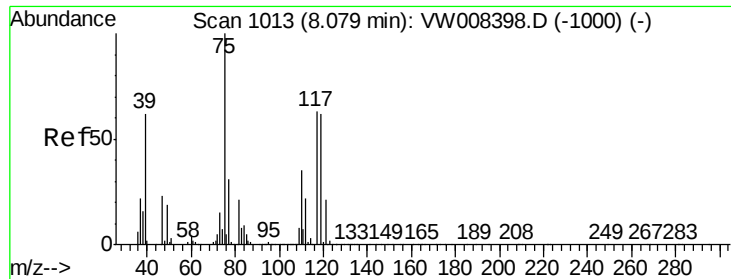
#35
 Dibromofluoromethane
 Concen: 52.878 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008474.D
 Acq: 01 Feb 2019 11:40

Tgt Ion:	113	Resp:	181283
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	21.3	16.8	25.2



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

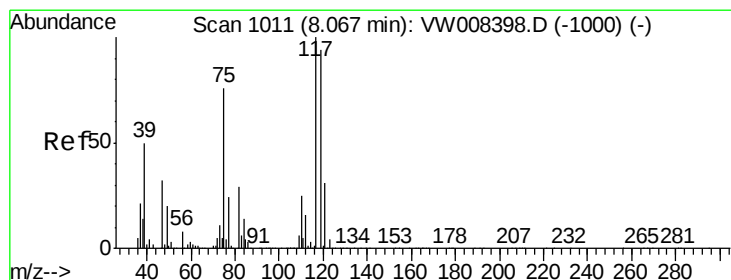
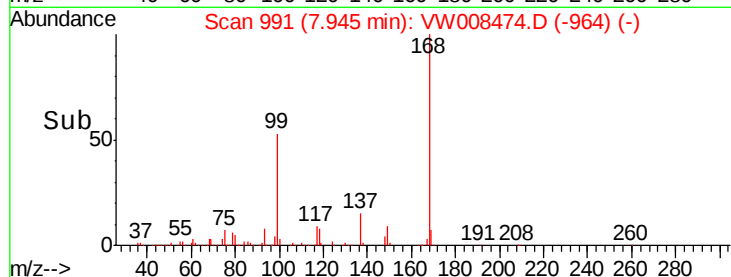
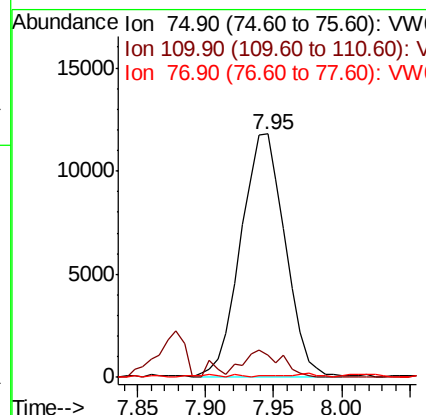
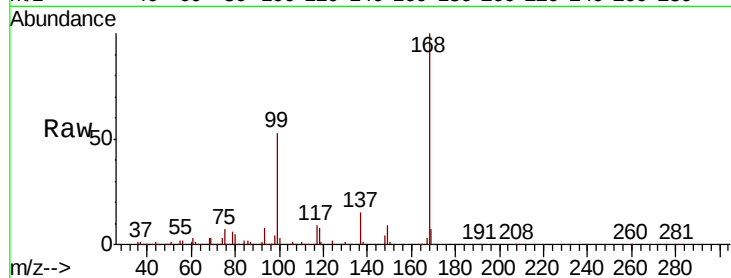




#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008474.D
 Acq: 01 Feb 2019 11:40

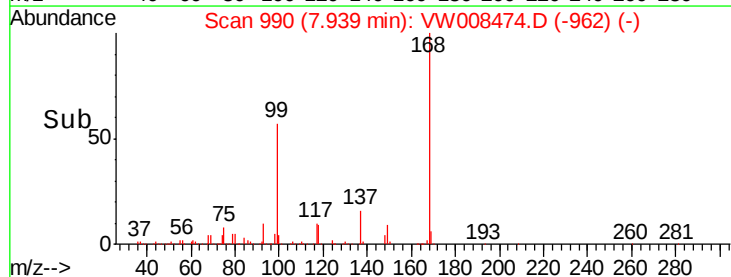
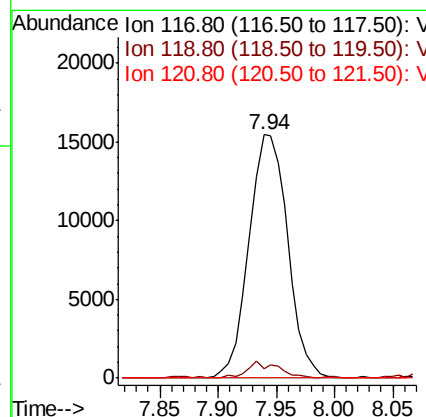
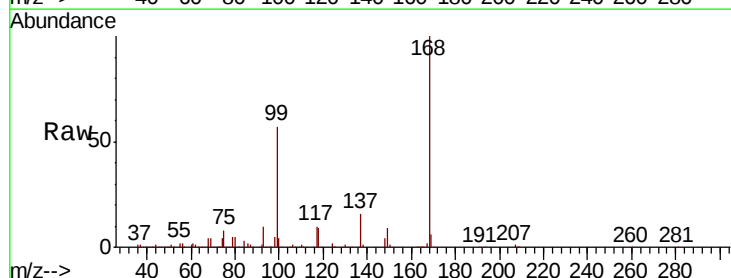
Instrument :
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 VW0201SBL01

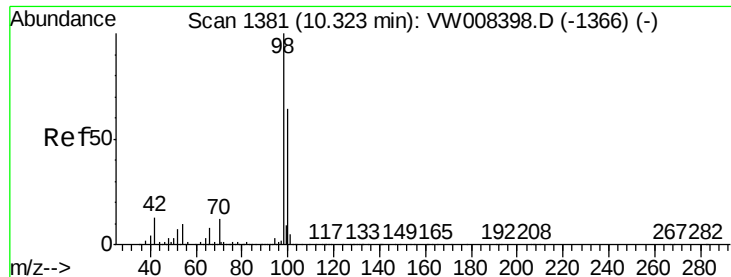
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	52.0#
77	0.7	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.434 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW008474.D
 Acq: 01 Feb 2019 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 50.106 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008474.D

Acq: 01 Feb 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

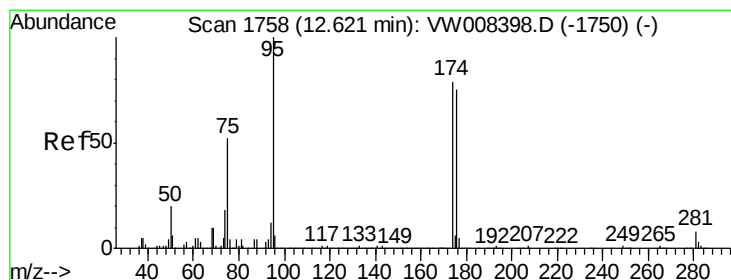
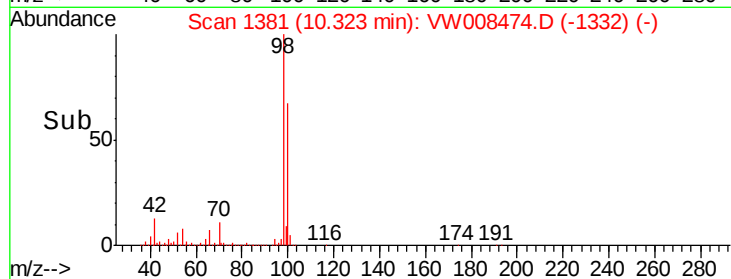
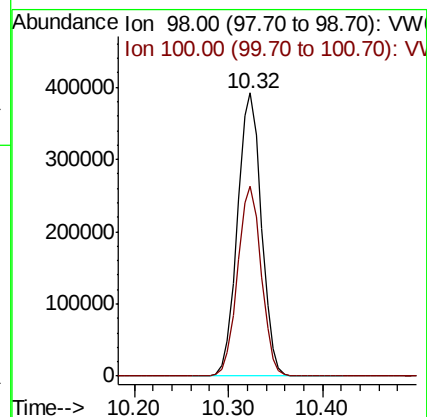
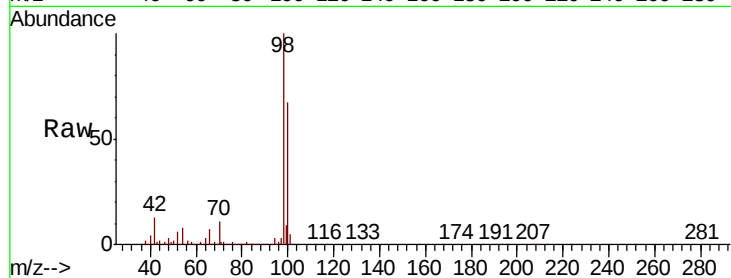
VW0201SBL01

Tgt Ion: 98 Resp: 688852

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.192 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008474.D

Acq: 01 Feb 2019 11:40

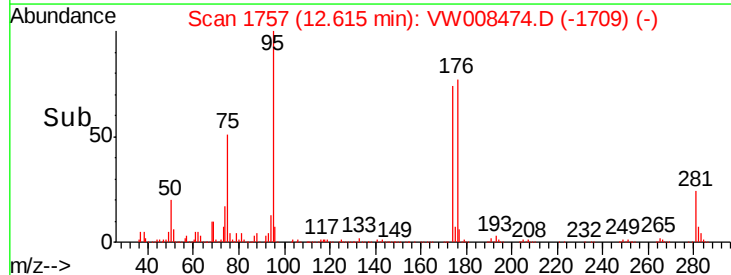
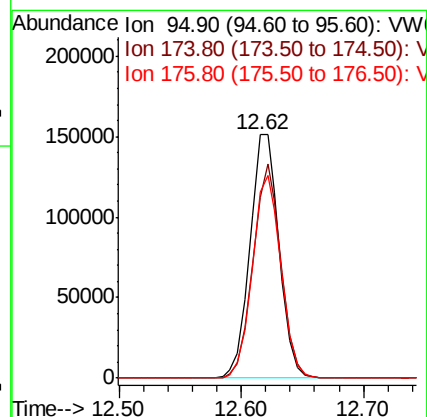
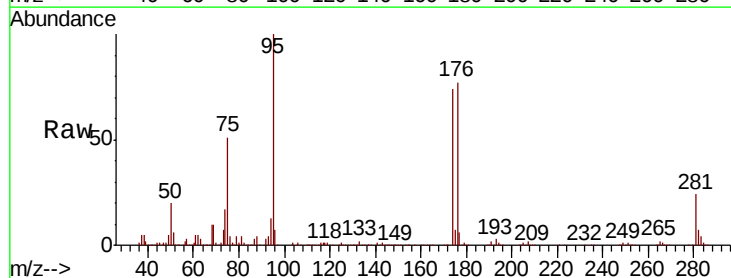
Tgt Ion: 95 Resp: 249385

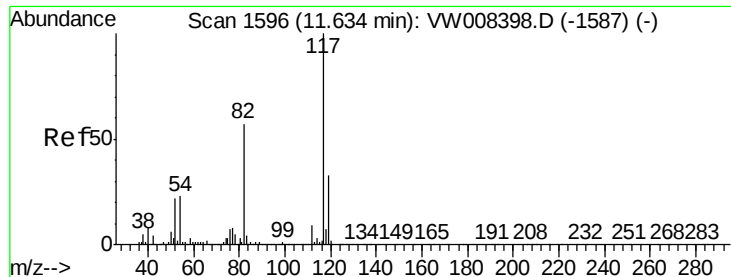
Ion Ratio Lower Upper

95 100

174 84.1 0.0 157.6

176 82.1 0.0 151.8

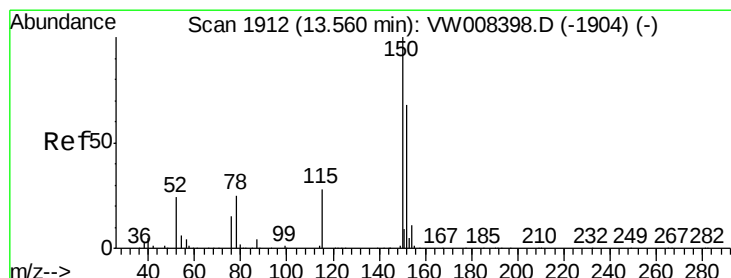
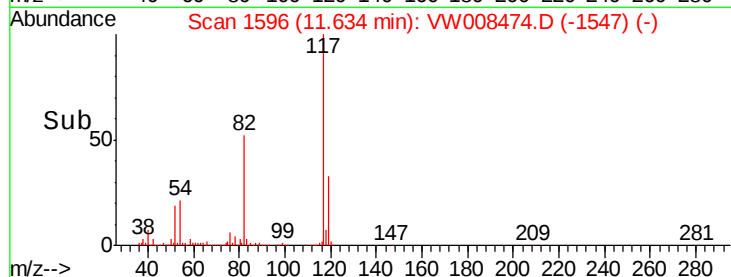
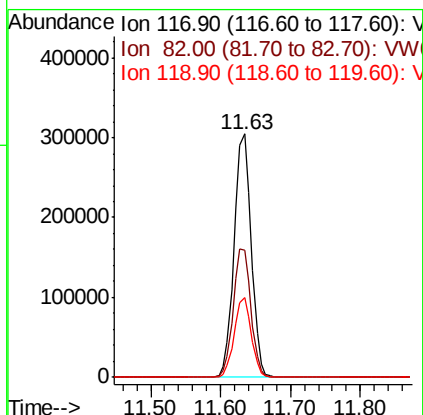
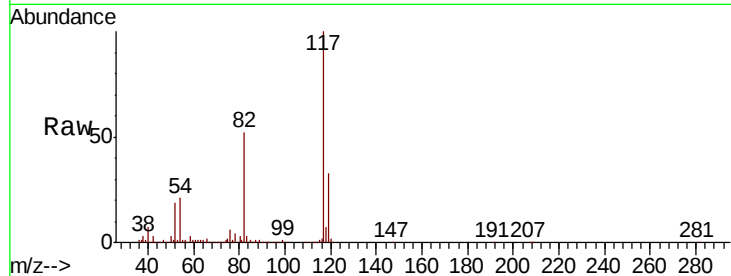




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

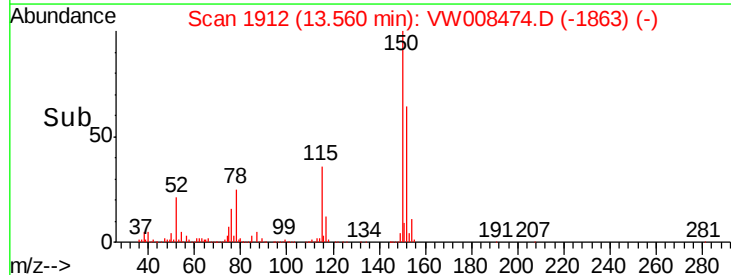
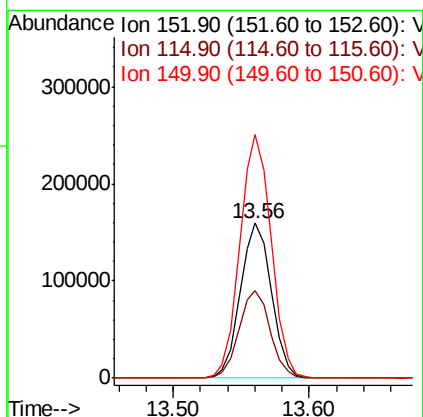
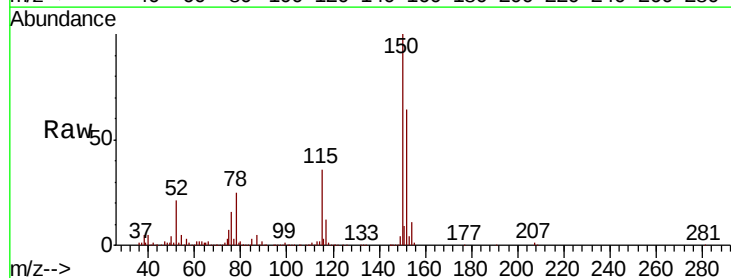
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MSVOA_W
ClientSampleId :
VW0201SBL01

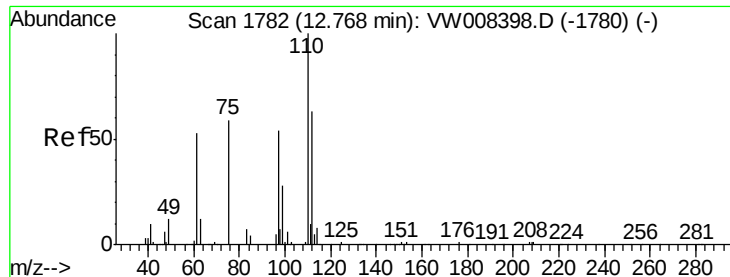
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.4	68.0
119	32.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008474.D
Acq: 01 Feb 2019 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.9	89.7
150	157.6	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 57.767 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008474.D

Acq: 01 Feb 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

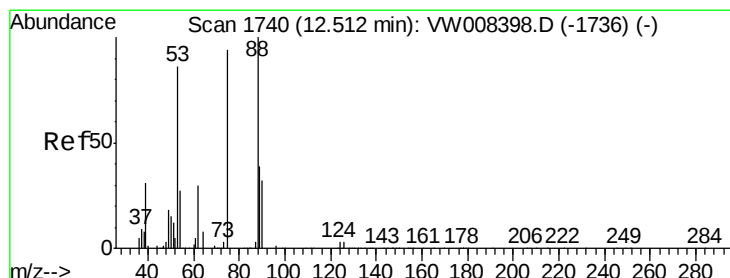
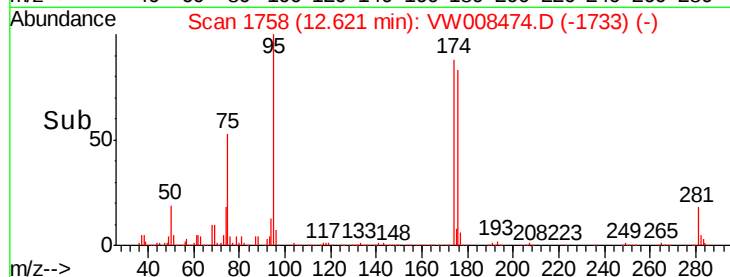
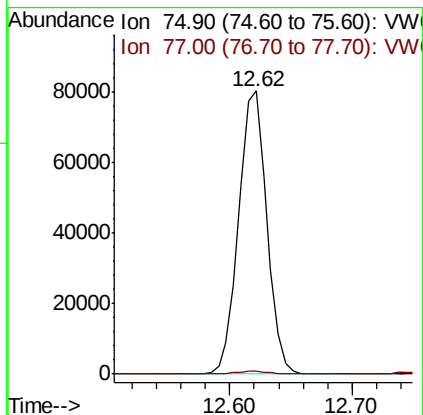
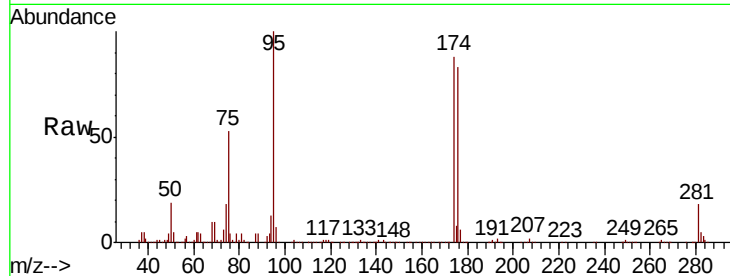
VW0201SBL01

Tgt Ion: 75 Resp: 127663

Ion Ratio Lower Upper

75 100

77 1.3 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.094 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008474.D

Acq: 01 Feb 2019 11:40

Tgt Ion: 75 Resp: 127663

Ion Ratio Lower Upper

75 100

53 0.1 76.0 114.0#

89 0.2 35.4 53.0#

