

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008485.D
 Acq On : 01 Feb 2019 16:50
 Operator : SY/VA
 Sample : K1297-05
 Misc : 4.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS2

Quant Time: Feb 02 00:45:59 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	332556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	531857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	474665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228823	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	182784	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
35) Dibromofluoromethane	7.88	113	169439	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	10.32	98	625479	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	230016	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

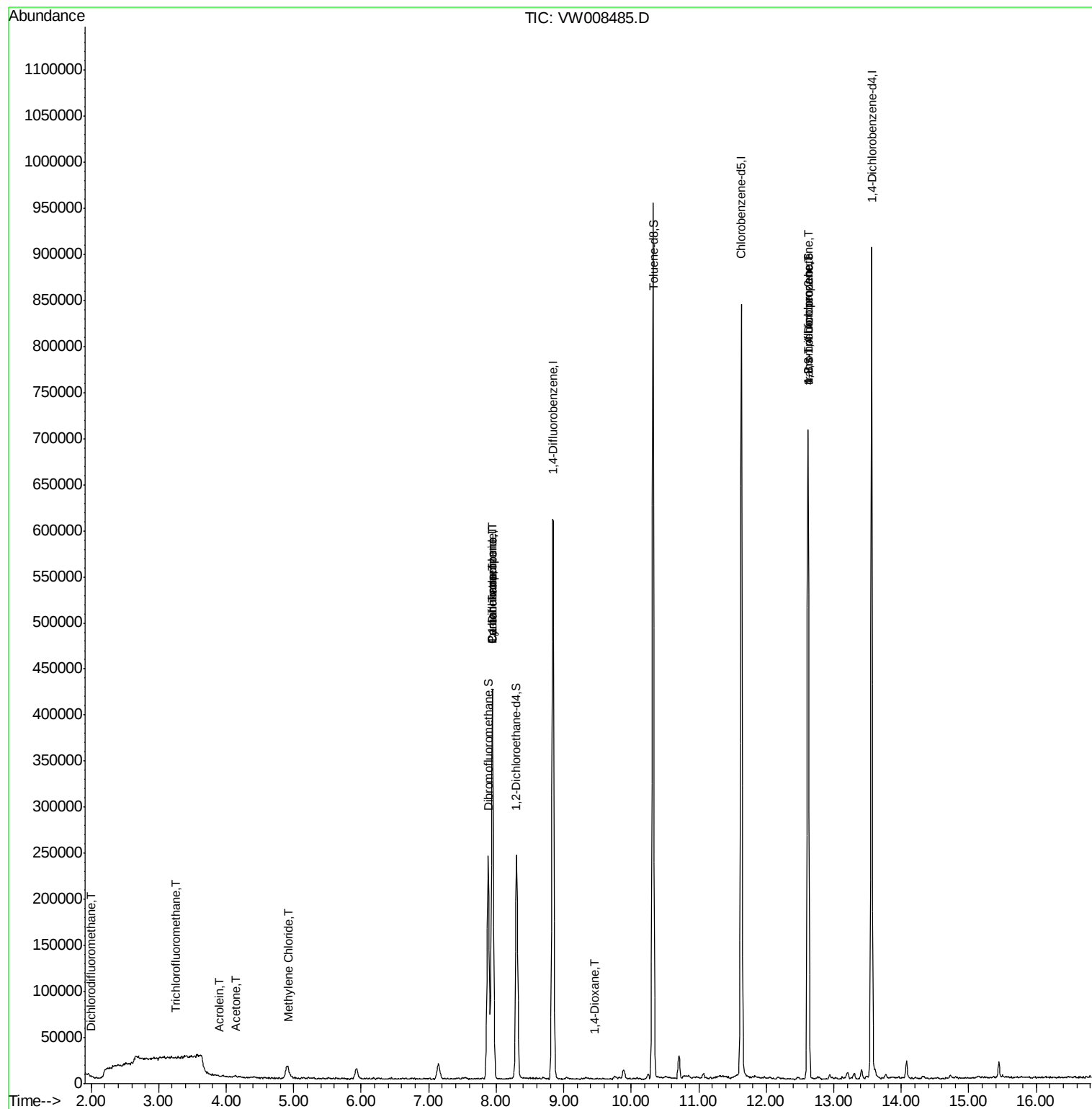
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	789	3.636	ug/l	72
7) Trichlorofluoromethane	3.26	101	135	4.765	ug/l #	61
13) Acrolein	3.90	56	82	4.533	ug/l #	14
16) Acetone	4.14	43	3529	4.810	ug/l	95
20) Methylene Chloride	4.92	84	11404	3.372	ug/l	84
31) Cyclohexane	7.95	56	7134	1.113	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	23626	4.703	ug/l #	51
38) Carbon Tetrachloride	7.95	117	32473	6.423	ug/l #	17
49) 1,4-Dioxane	9.45	88	82	2.713	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	115280	57.945	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	115280	114.447	ug/l #	12

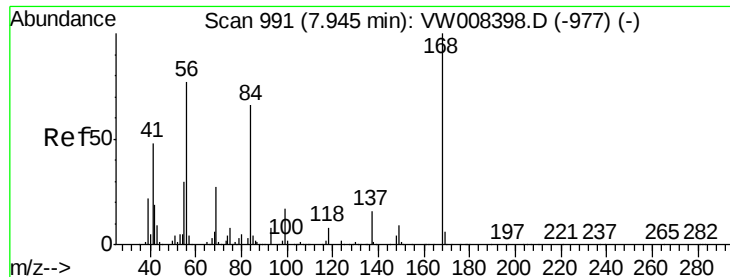
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
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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: VW008485.D

Acq: 01 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

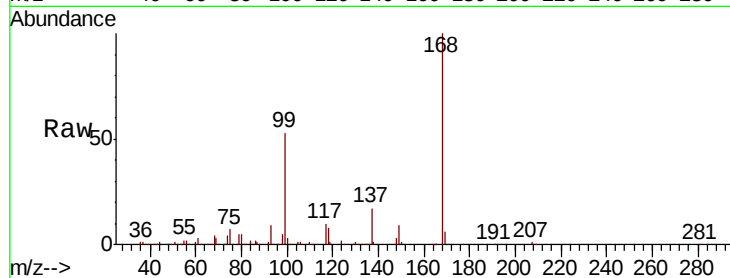
A0C17-SS2

Tgt Ion:168 Resp: 332556

Ion Ratio Lower Upper

168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

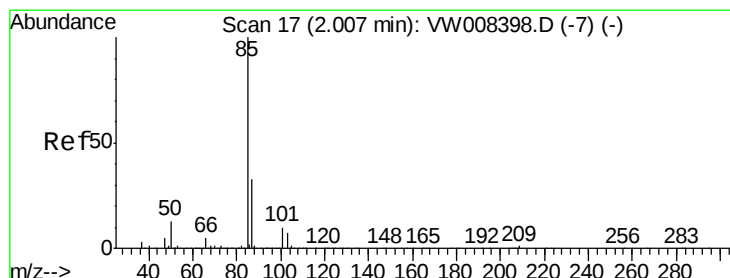
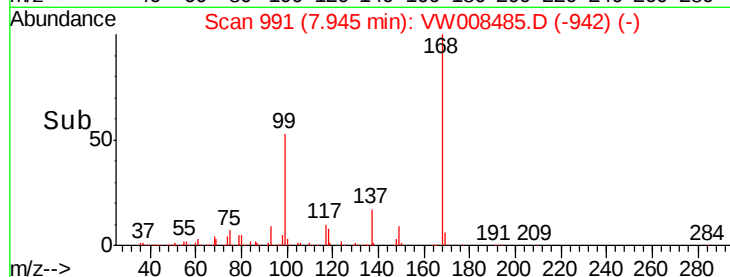
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.636 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008485.D

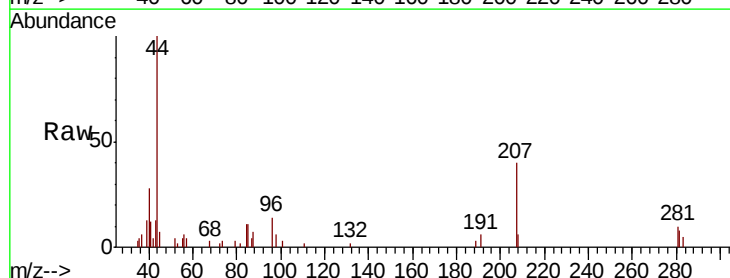
Acq: 01 Feb 2019 16:50

Tgt Ion: 85 Resp: 789

Ion Ratio Lower Upper

85 100

87 49.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

500

400

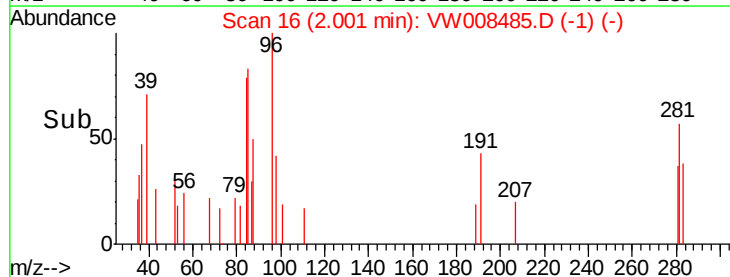
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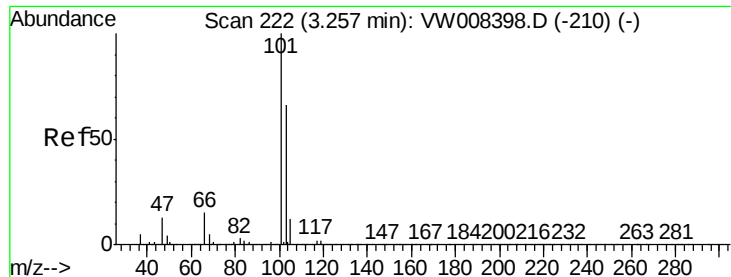
200

100

0

Time-->





#7

Trichlorofluoromethane

Concen: 4.765 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW008485.D

Acq: 01 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

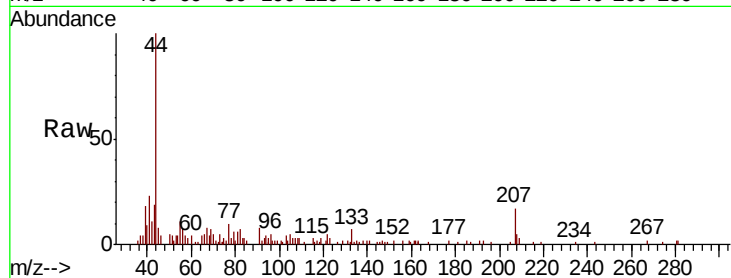
A0C17-SS2

Tgt Ion: 101 Resp: 135

Ion Ratio Lower Upper

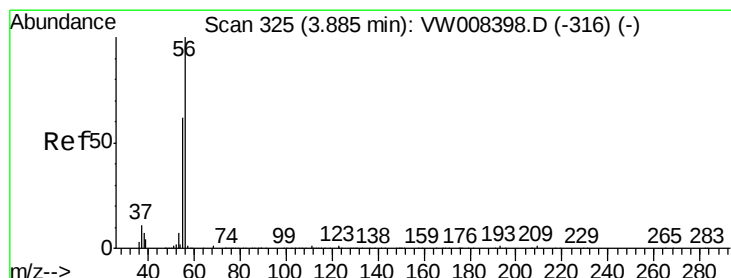
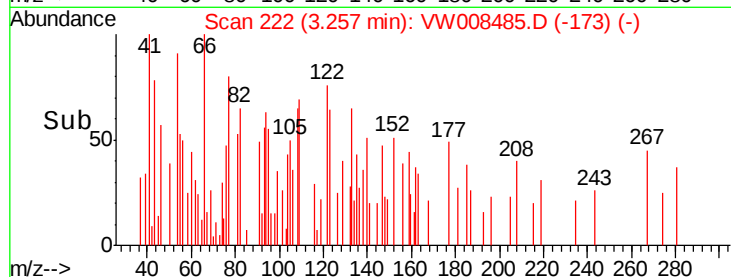
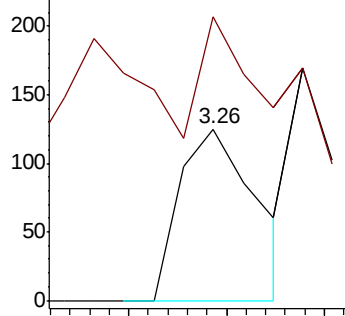
101 100

103 34.6 52.5 78.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#13

Acrolein

Concen: 4.533 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008485.D

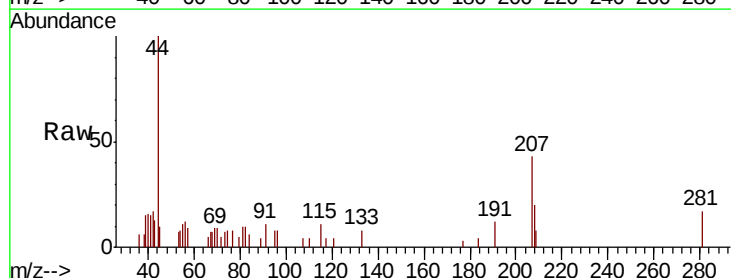
Acq: 01 Feb 2019 16:50

Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

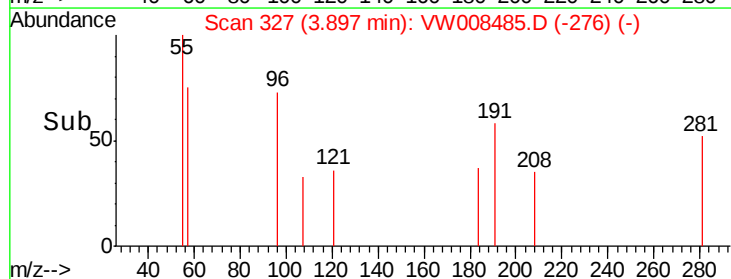
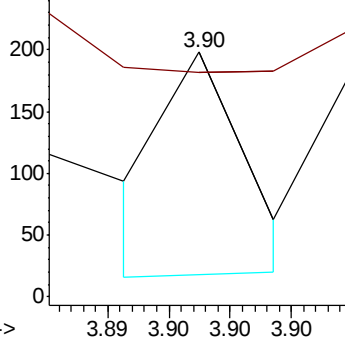
56 100

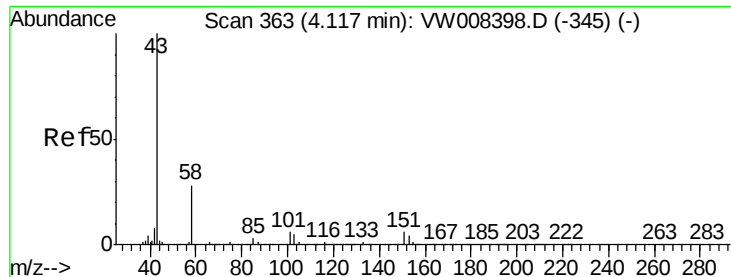
55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

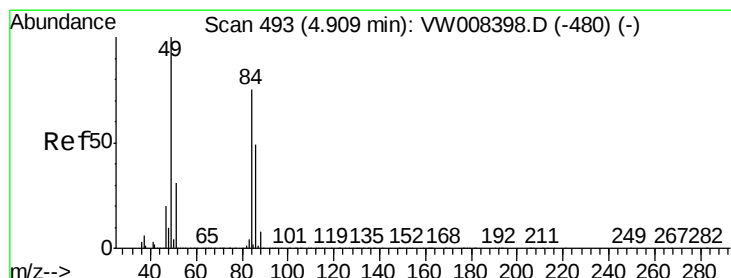
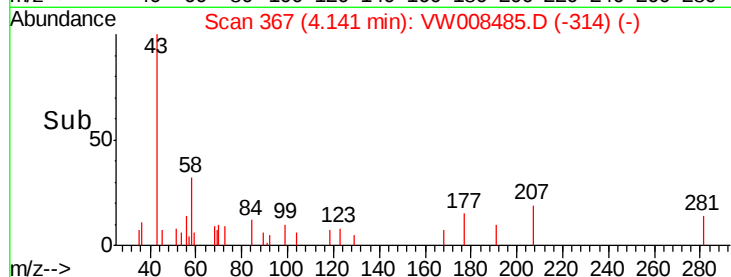
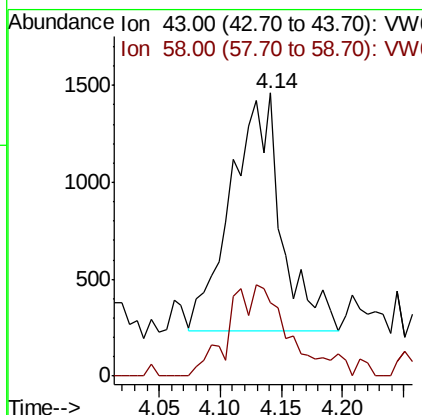
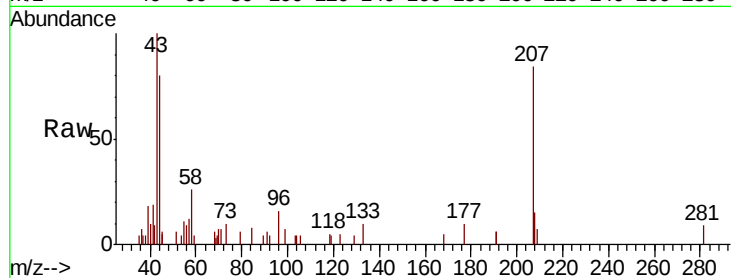




#16
Acetone
Concen: 4.810 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

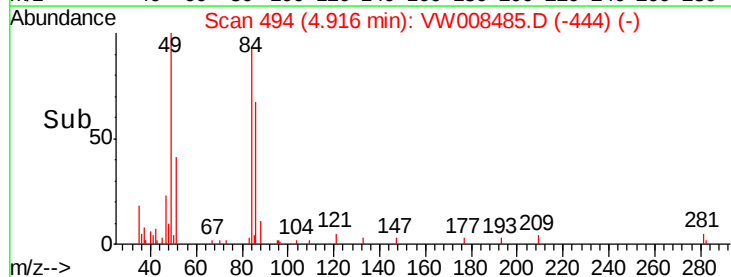
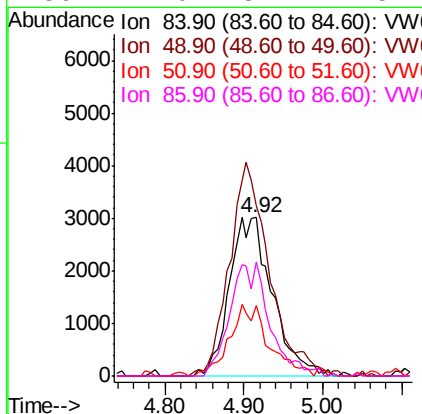
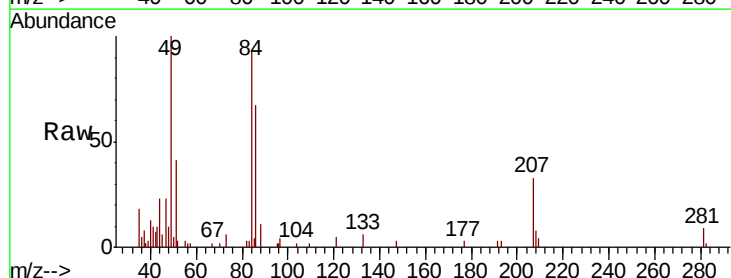
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS2

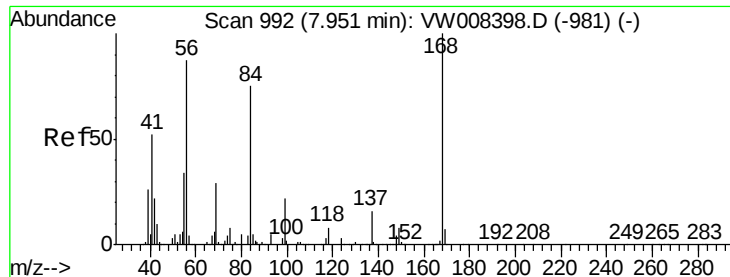
Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 31.0 22.6 34.0



#20
Methylene Chloride
Concen: 3.372 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Tgt Ion: 84 Resp: 11404
Ion Ratio Lower Upper
84 100
49 107.2 106.8 160.2
51 44.1 32.9 49.3
86 72.0 52.2 78.2

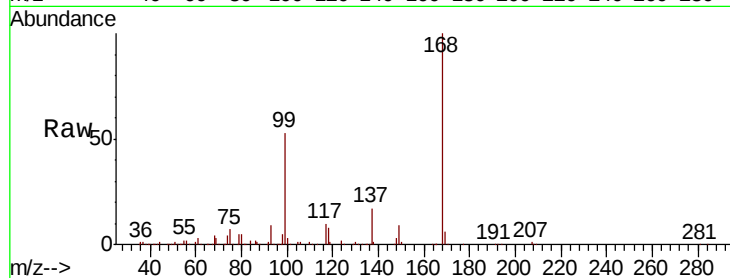




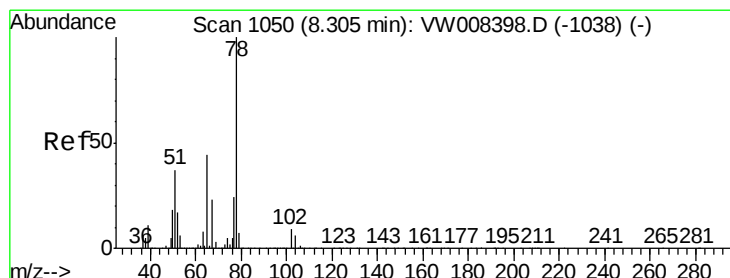
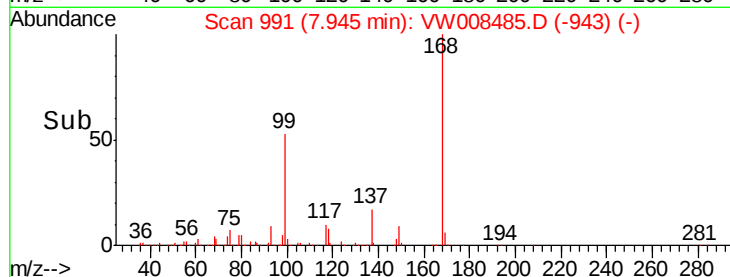
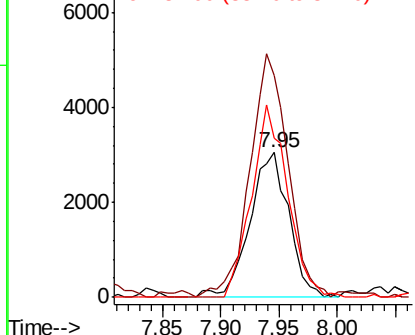
#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS2

Tgt Ion: 56 Resp: 7134
Ion Ratio Lower Upper
56 100
69 150.6 26.4 39.6#
84 109.8 69.1 103.7#

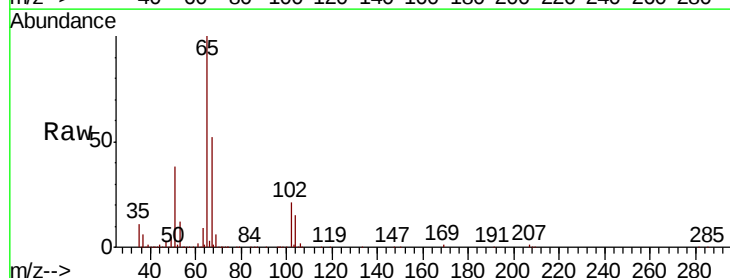


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

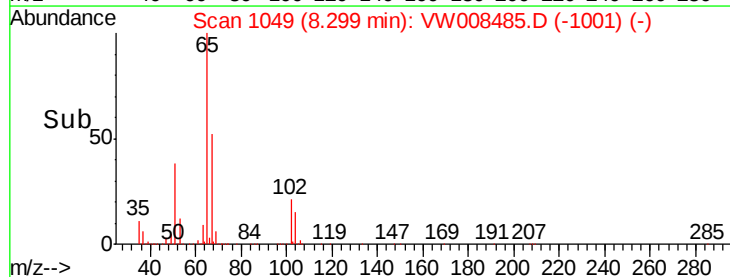
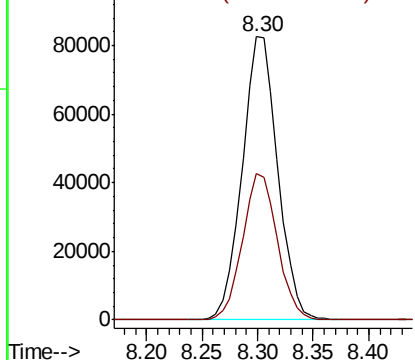


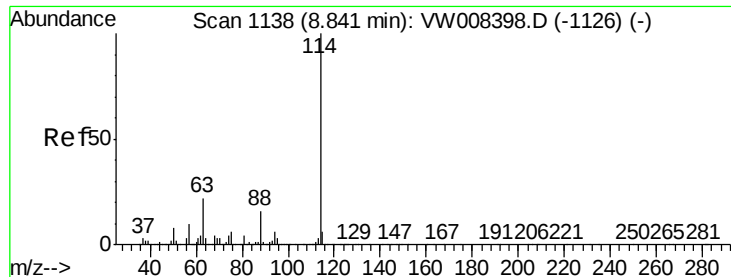
#33
1,2-Dichloroethane-d4
Concen: 55.948 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Tgt Ion: 65 Resp: 182784
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0



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

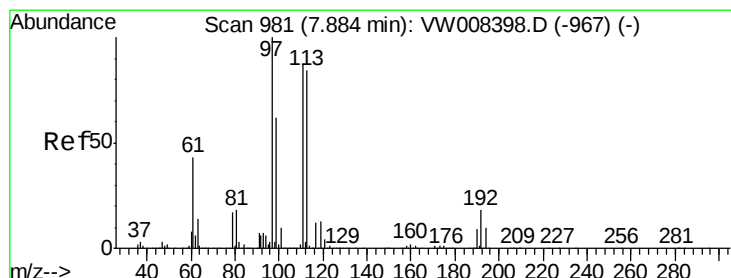
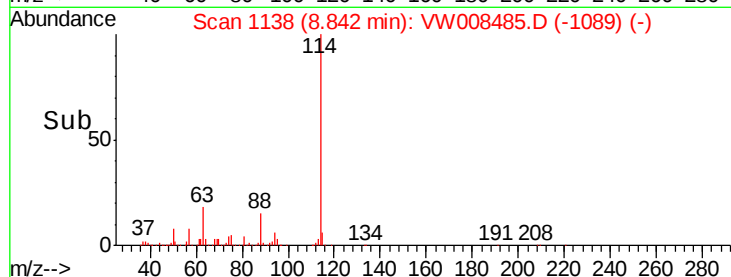
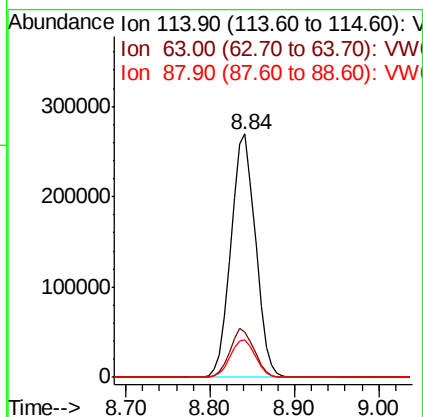
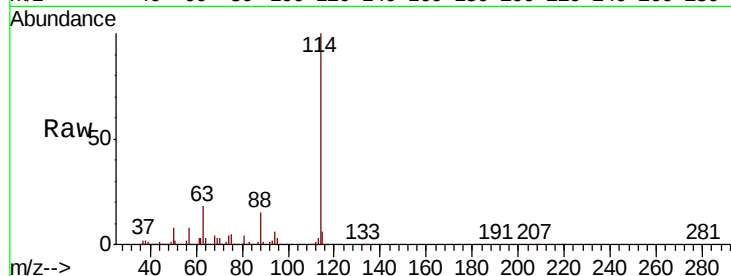




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008485.D
 Acq: 01 Feb 2019 16:50

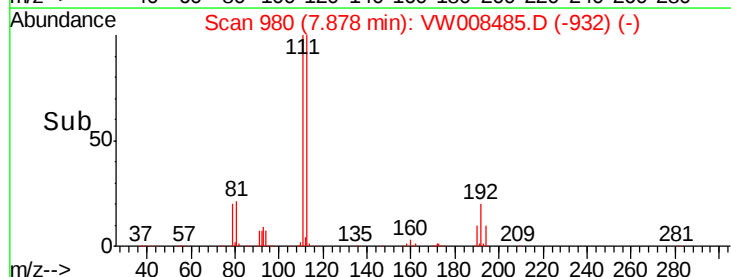
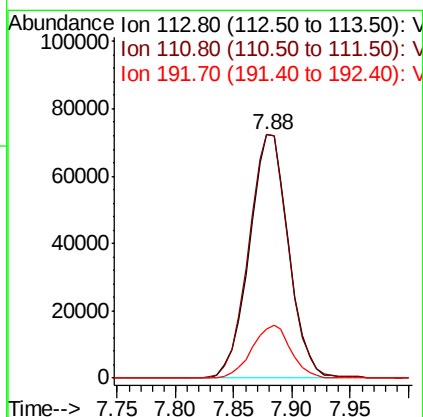
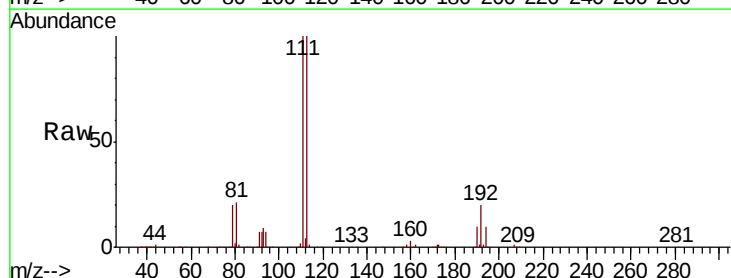
Instrument :
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 A0C17-SS2

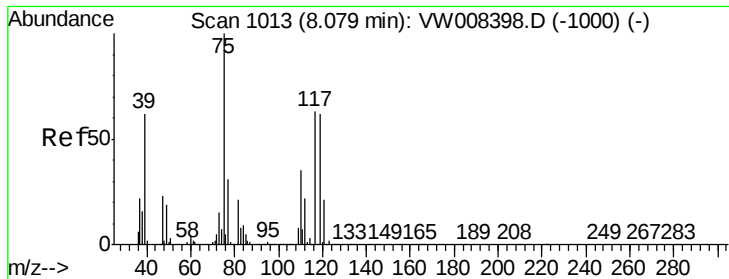
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.6
88	15.4	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 54.483 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008485.D
 Acq: 01 Feb 2019 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	21.4	16.8	25.2

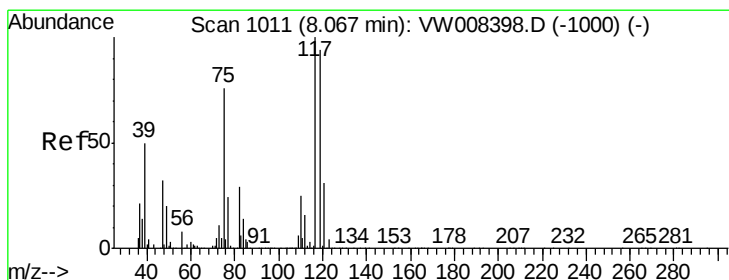
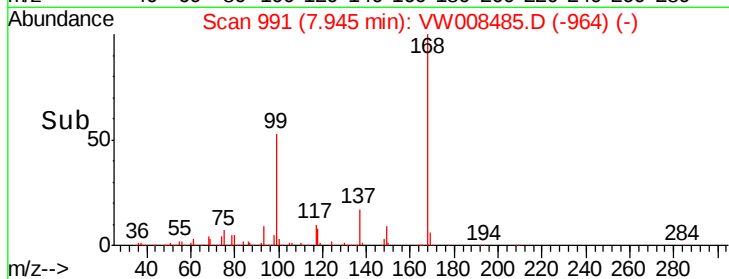
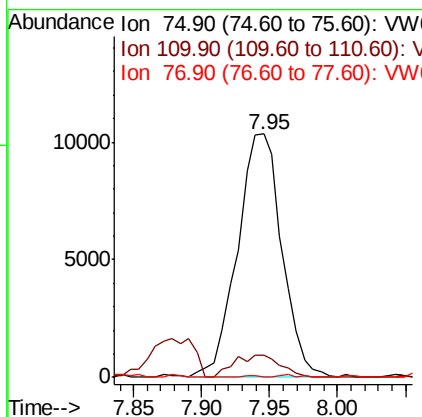
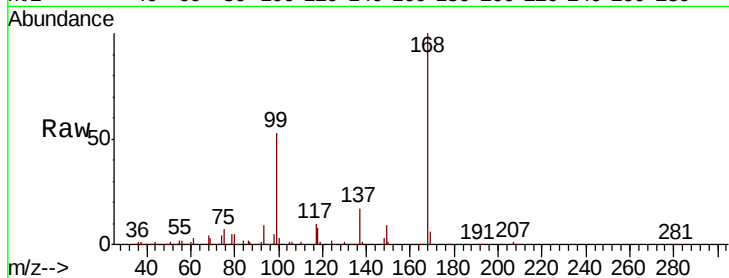




#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008485.D
 Acq: 01 Feb 2019 16:50

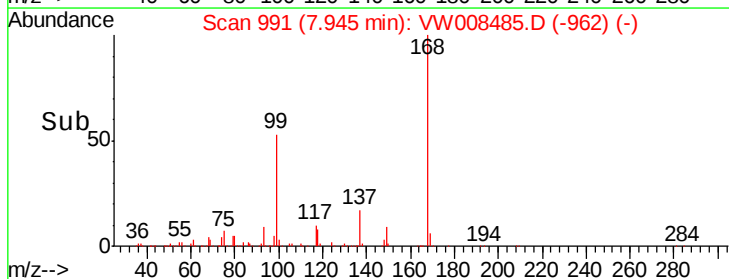
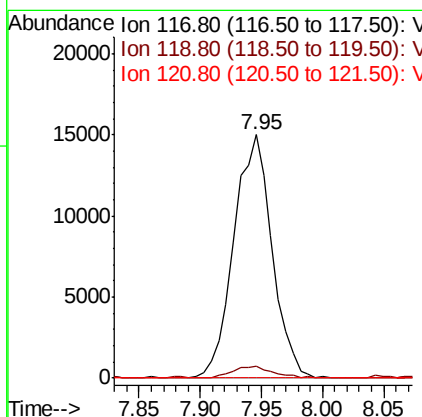
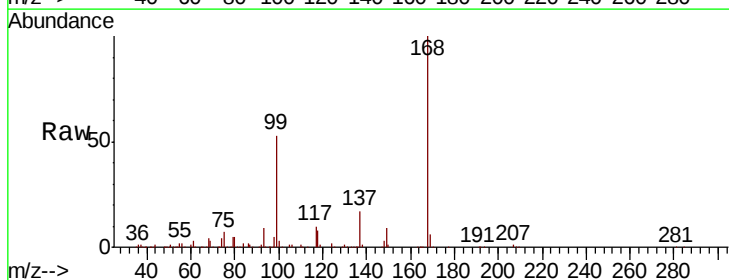
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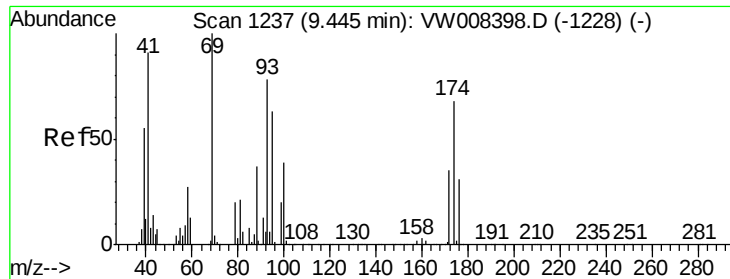
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.3	52.0#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.423 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008485.D
 Acq: 01 Feb 2019 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.0	112.4#
121	0.0	24.9	37.3#

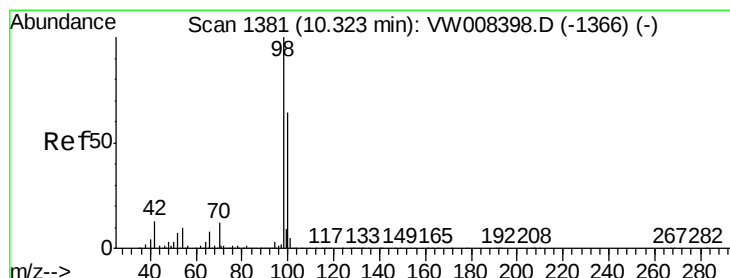
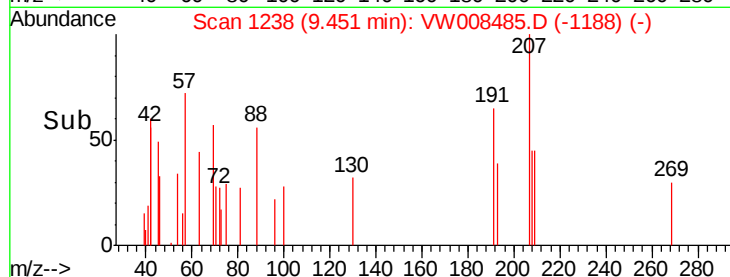
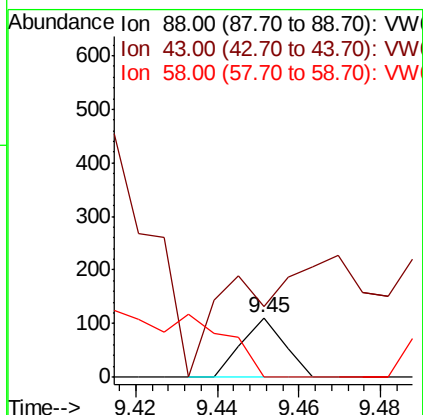
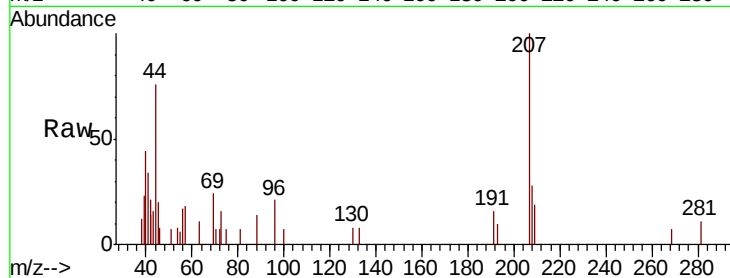




#49
1,4-Dioxane
Concen: 2.713 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

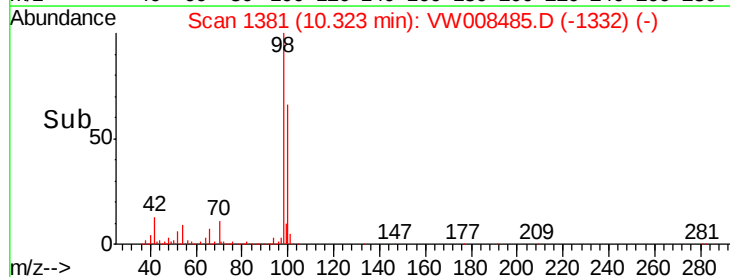
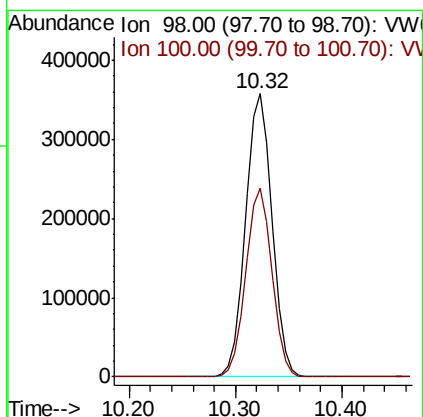
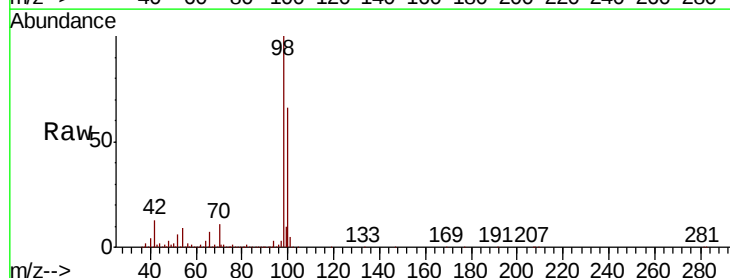
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A0C17-SS2

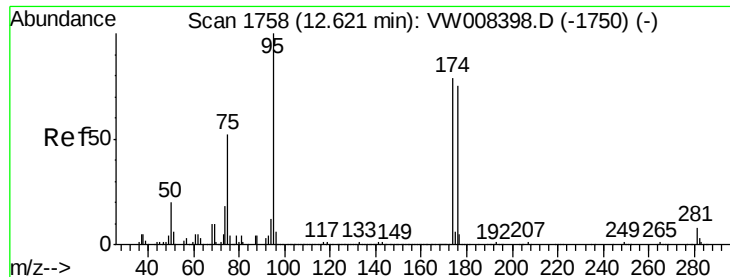
Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 622.0 29.0 43.4#
58 0.0 56.4 84.6#



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Tgt Ion: 98 Resp: 625479
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 47.983 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008485.D

Acq: 01 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS2

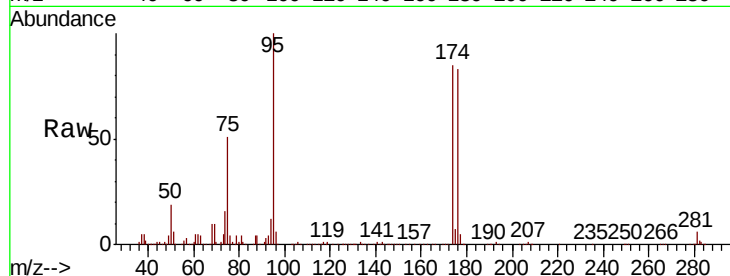
Tgt Ion: 95 Resp: 230016

Ion Ratio Lower Upper

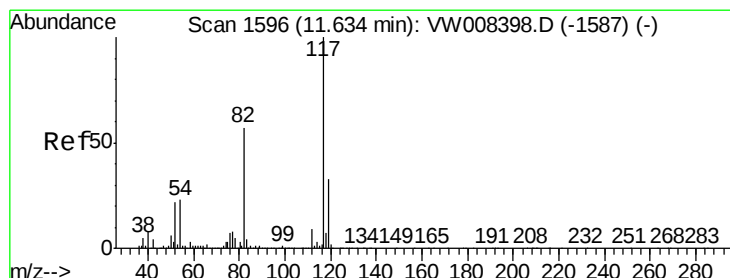
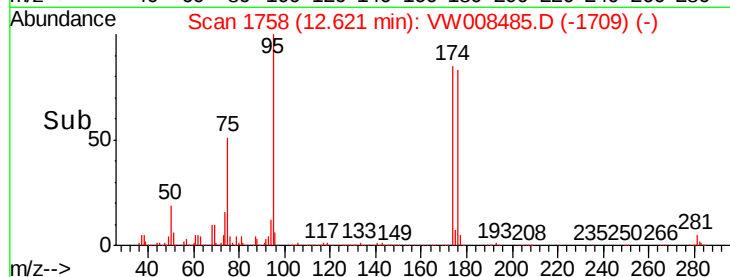
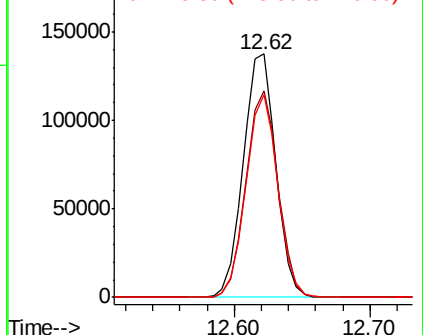
95 100

174 84.0 0.0 157.6

176 81.7 0.0 151.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008485.D

Acq: 01 Feb 2019 16:50

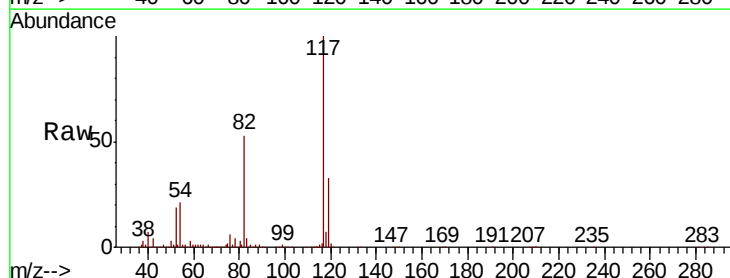
Tgt Ion: 117 Resp: 474665

Ion Ratio Lower Upper

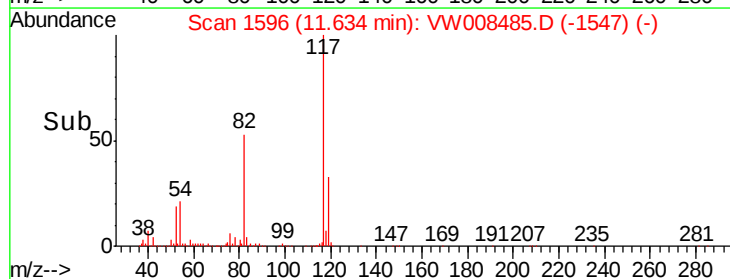
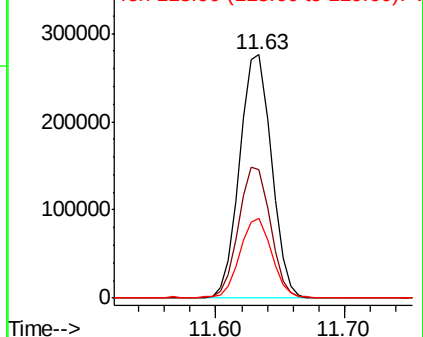
117 100

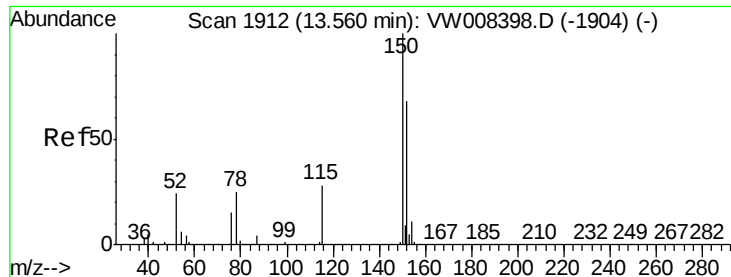
82 52.9 45.4 68.0

119 32.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW



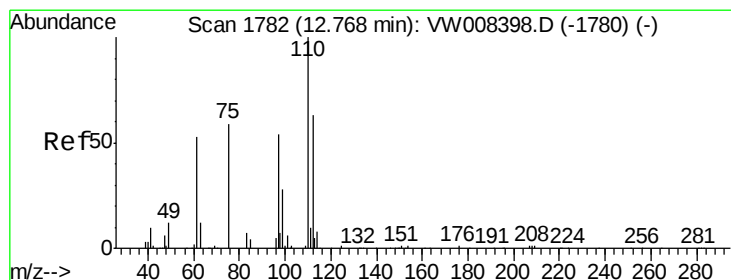
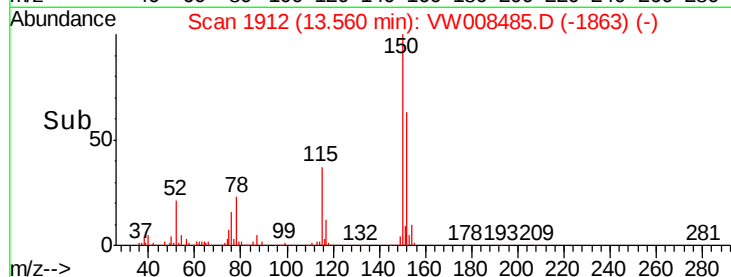
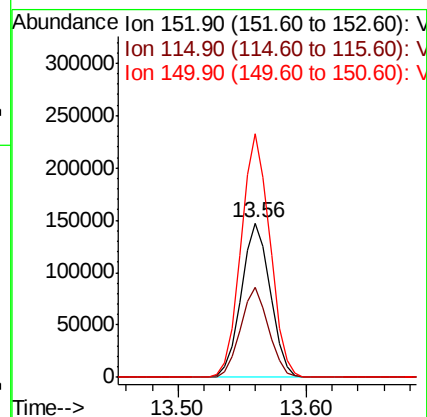
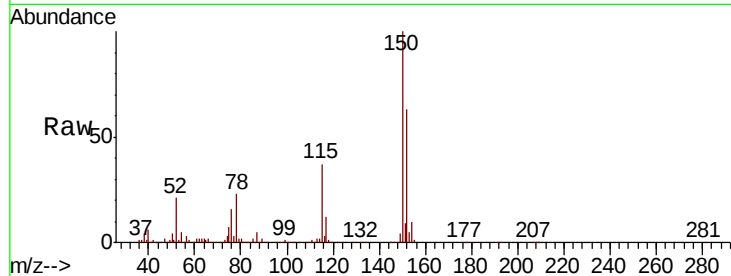


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS2

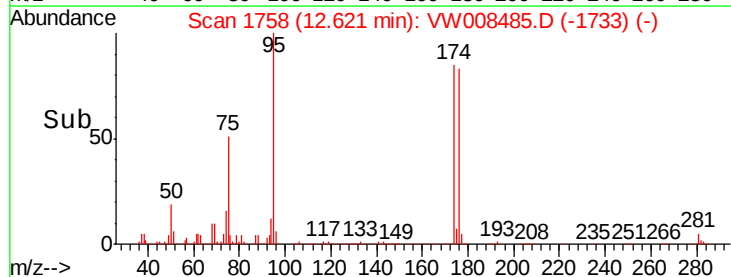
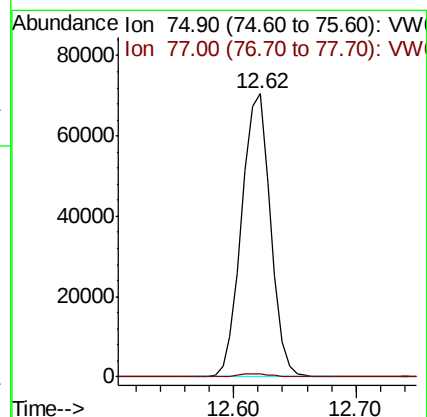
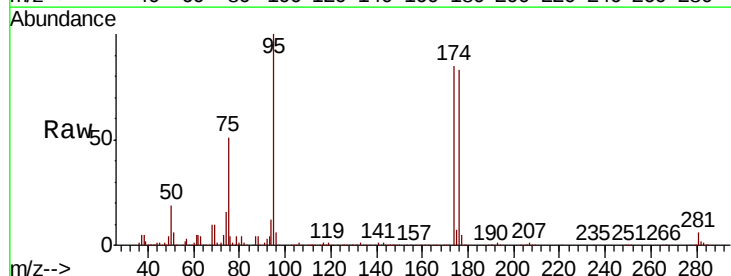
Tgt Ion: 152 Resp: 228823
Ion Ratio Lower Upper
152 100
115 56.6 29.9 89.7
150 157.5 0.0 351.4

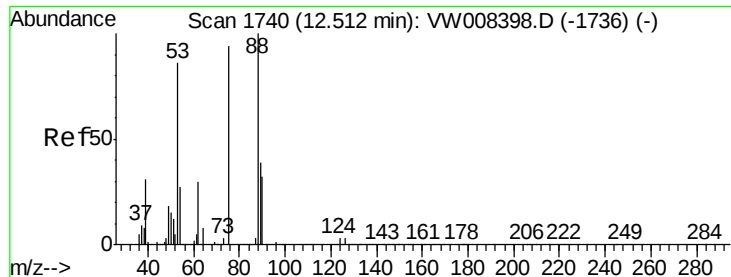


#76

1,2,3-Trichloropropane
Concen: 57.945 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008485.D
Acq: 01 Feb 2019 16:50

Tgt Ion: 75 Resp: 115280
Ion Ratio Lower Upper
75 100
77 1.3 180.7 542.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 114.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008485.D

Acq: 01 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS2

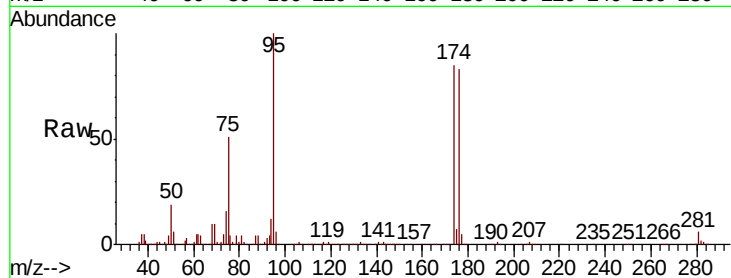
Tgt Ion: 75 Resp: 115280

Ion Ratio Lower Upper

75 100

53 0.1 76.0 114.0#

89 0.2 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

