

Data File : VW008599.D
Acq On : 11 Feb 2019 16:01
Operator : SY/VA
Sample : K1458-06
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4

Quant Time: Feb 12 04:29:37 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	454933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	723533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	684073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	358889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	263125	58.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.74%	
35) Dibromofluoromethane	7.88	113	83949	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	
50) Toluene-d8	10.32	98	881333	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	339764	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

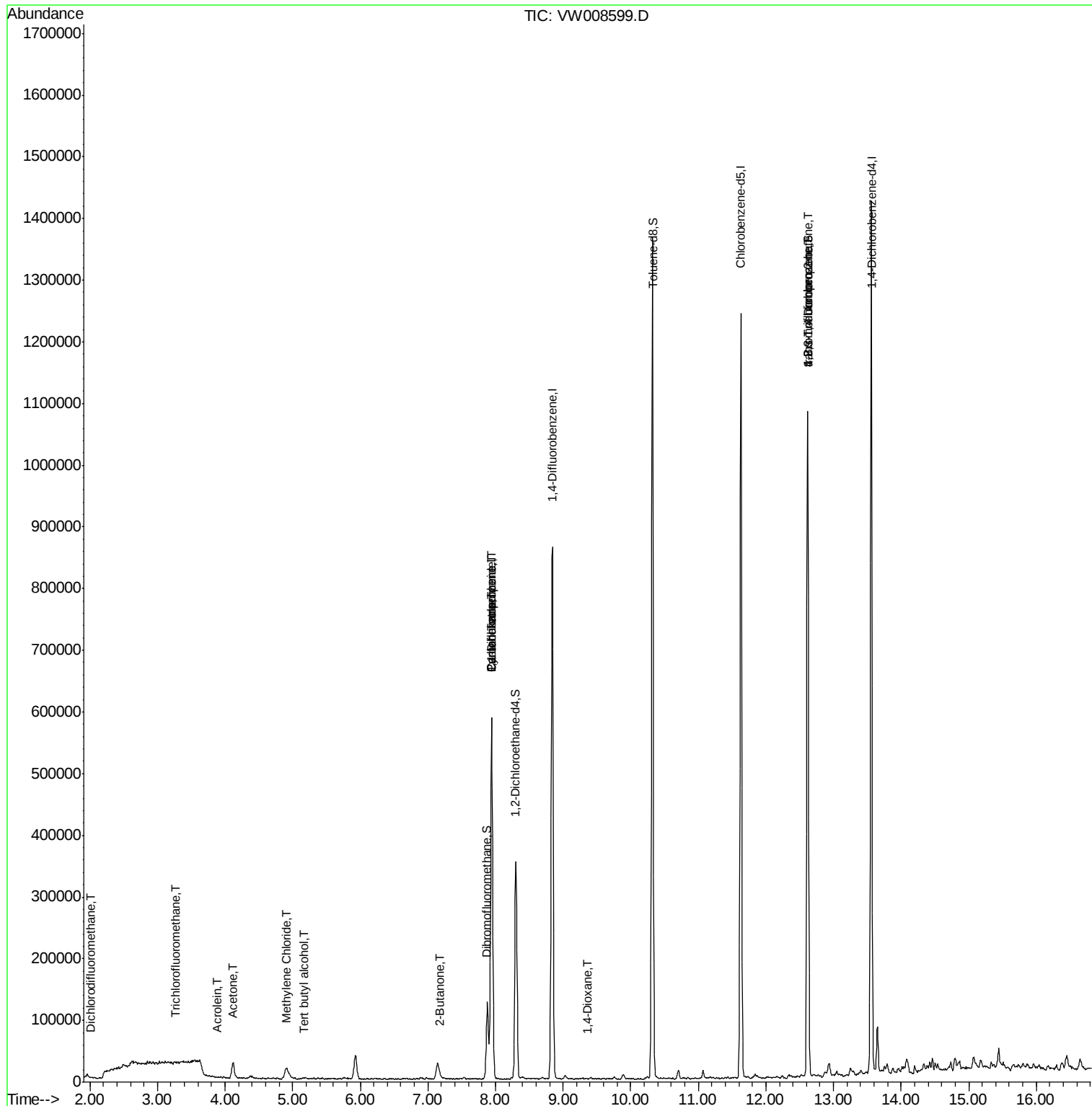
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.02	85	240	3.338	ug/l #	16
7) Trichlorofluoromethane	3.28	101	254	4.781	ug/l #	17
11) Tert butyl alcohol	5.17	59	3774	10.488	ug/l #	79
13) Acrolein	3.88	56	135	4.603	ug/l #	1
16) Acetone	4.12	43	45663	45.497	ug/l	92
20) Methylene Chloride	4.91	84	15535	3.358	ug/l #	81
25) 2-Butanone	7.18	43	9310	6.678	ug/l	98
31) Cyclohexane	7.95	56	10755	1.226	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	33621	4.919	ug/l #	52
38) Carbon Tetrachloride	7.95	117	42786	6.221	ug/l #	16
49) 1,4-Dioxane	9.37	88	56	1.362	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	177940	57.027	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	177940	112.632	ug/l #	12

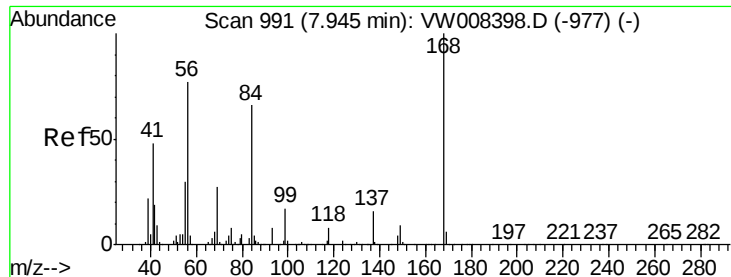
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008599.D

Acq: 11 Feb 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

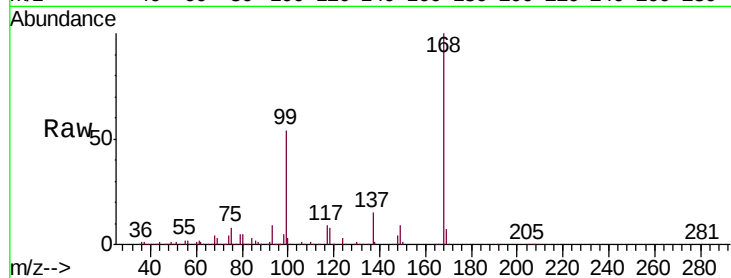
SB-4

Tgt Ion:168 Resp: 454933

Ion Ratio Lower Upper

168 100

99 53.9 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

200000

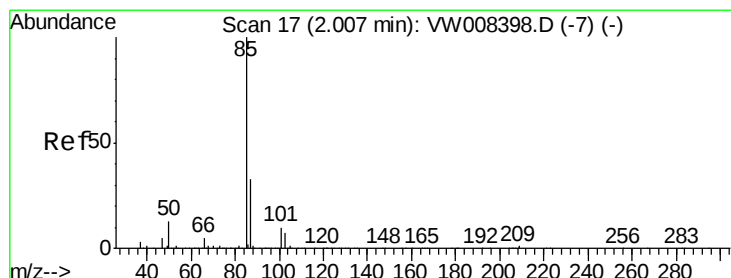
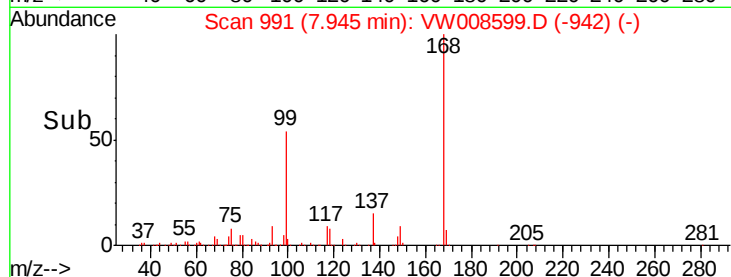
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.338 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008599.D

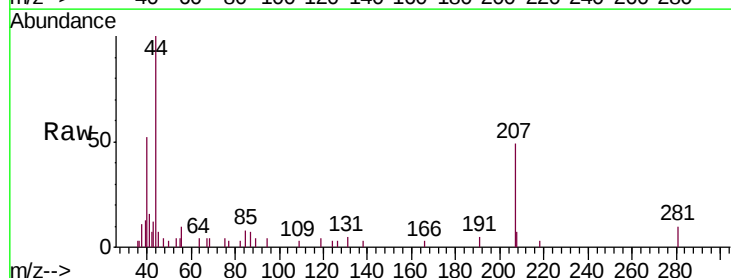
Acq: 11 Feb 2019 16:01

Tgt Ion: 85 Resp: 240

Ion Ratio Lower Upper

85 100

87 81.4 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

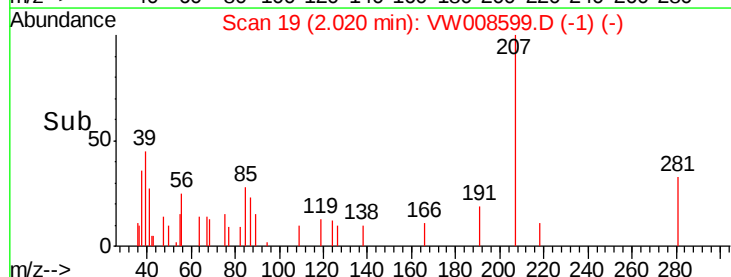
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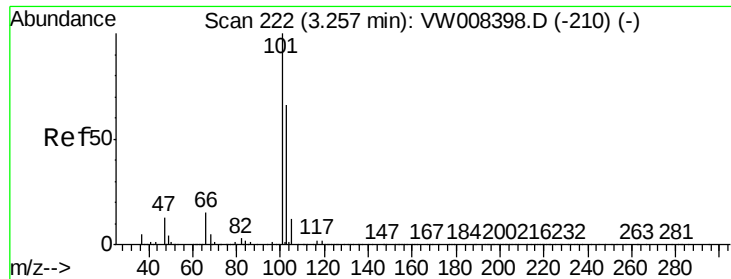
100

50

0

Time-->



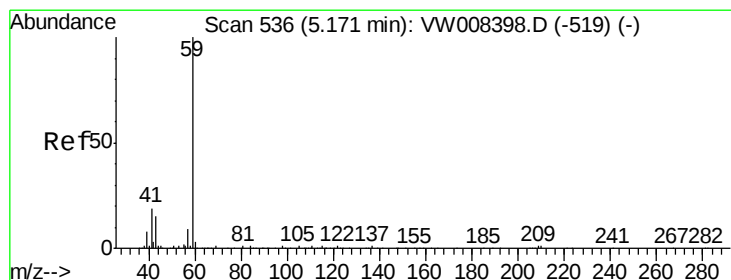
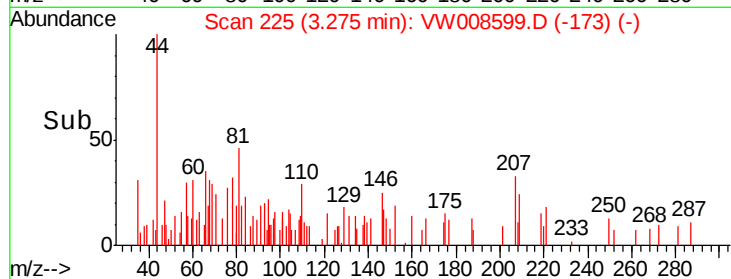
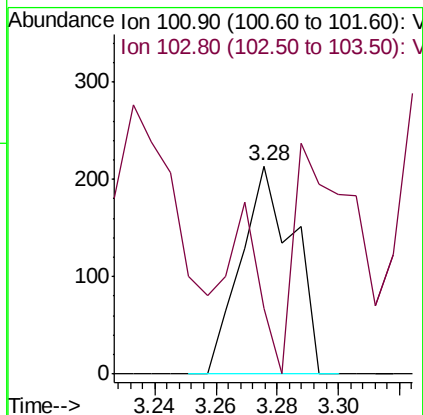
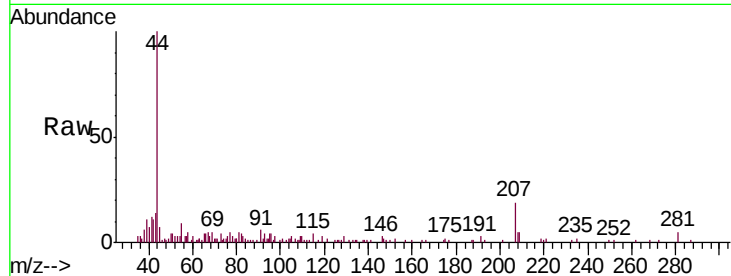


#7

Trichlorofluoromethane
 Concen: 4.781 ug/l
 RT: 3.28 min Scan# 225
 Delta R.T. 0.02 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

Instrument :
 MSVOA_W
 ClientSampled :
 SB-4

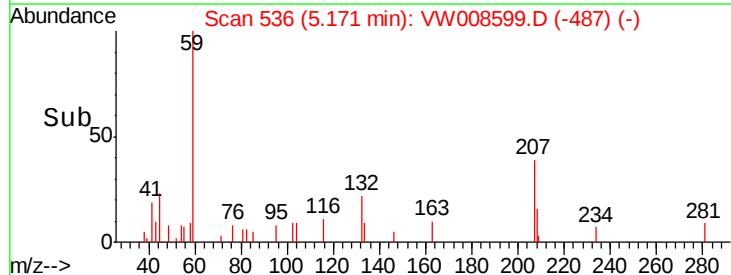
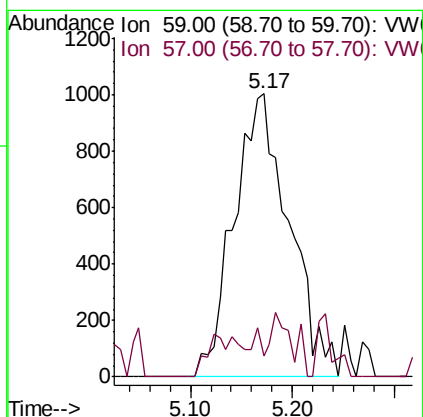
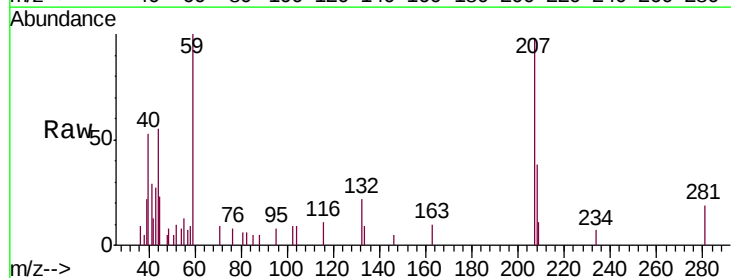
Tgt Ion: 101 Resp: 254
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

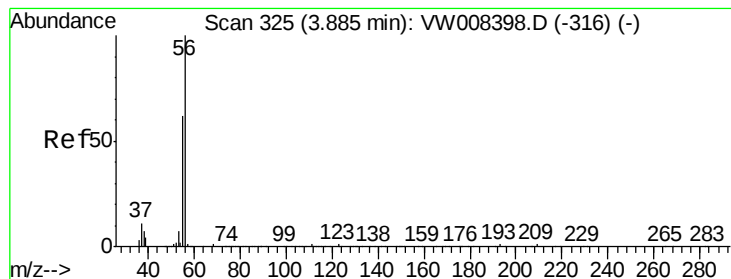


#11

Tert butyl alcohol
 Concen: 10.488 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

Tgt Ion: 59 Resp: 3774
 Ion Ratio Lower Upper
 59 100
 57 3.4 9.3 13.9#





#13

Acrolein

Concen: 4.603 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008599.D

Acq: 11 Feb 2019 16:01

Instrument :

MSVOA_W

ClientSampled :

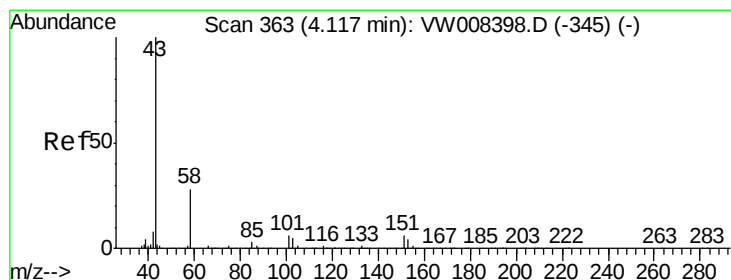
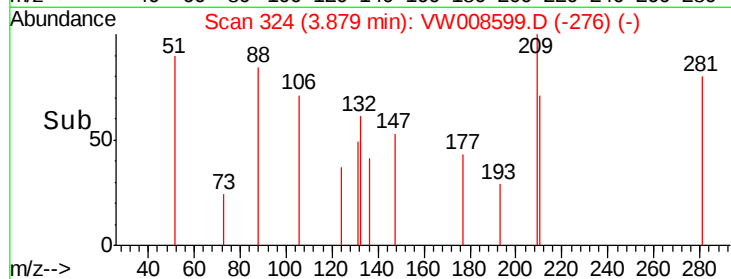
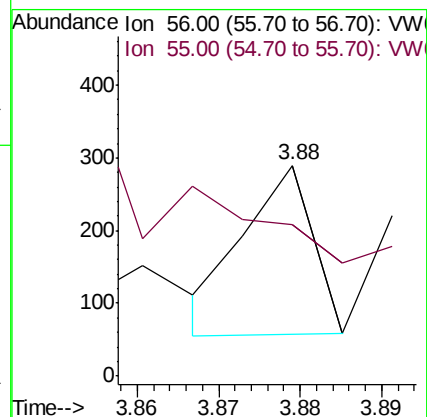
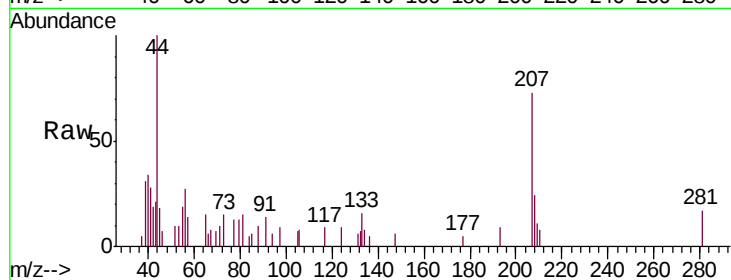
SB-4

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 238.5 56.7 85.1#



#16

Acetone

Concen: 45.497 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008599.D

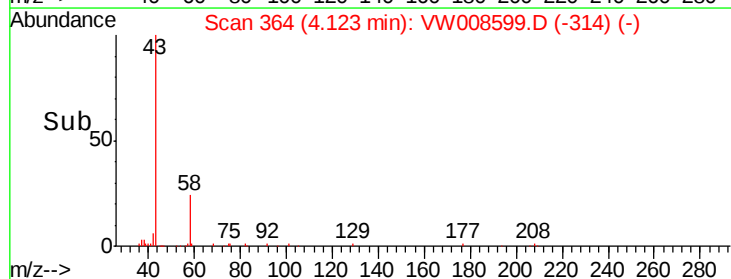
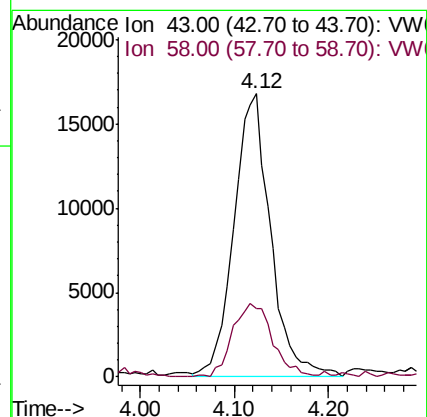
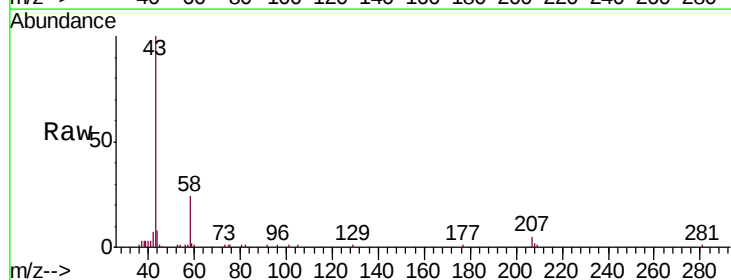
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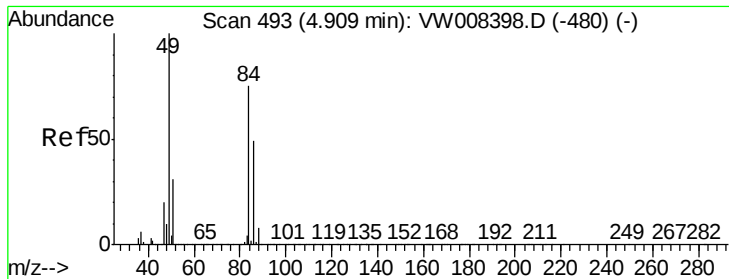
Tgt Ion: 43 Resp: 45663

Ion Ratio Lower Upper

43 100

58 24.1 22.6 34.0

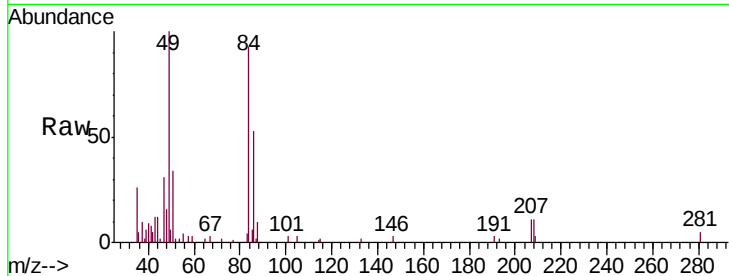




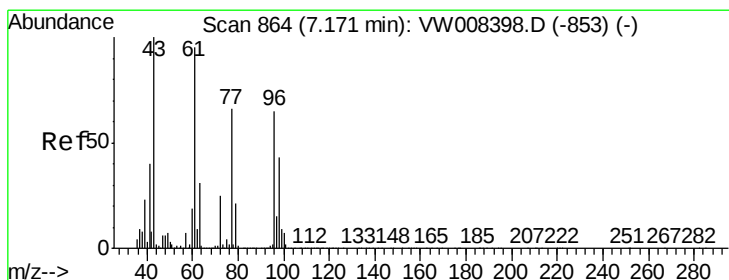
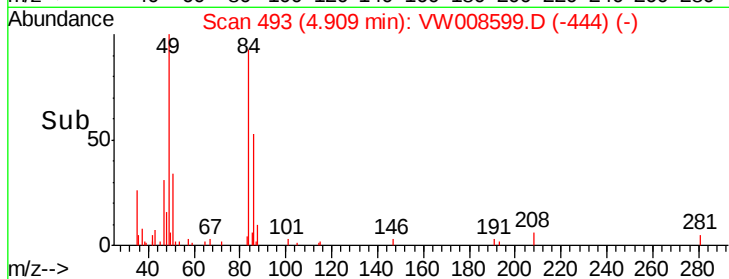
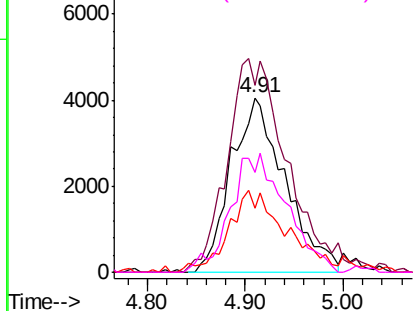
#20
Methylene Chloride
Concen: 3.358 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Instrument :
MSVOA_W
ClientSampleId :
SB-4

Tgt Ion: 84 Resp: 15535
Ion Ratio Lower Upper
84 100
49 104.7 106.8 160.2#
51 32.6 32.9 49.3#
86 57.2 52.2 78.2

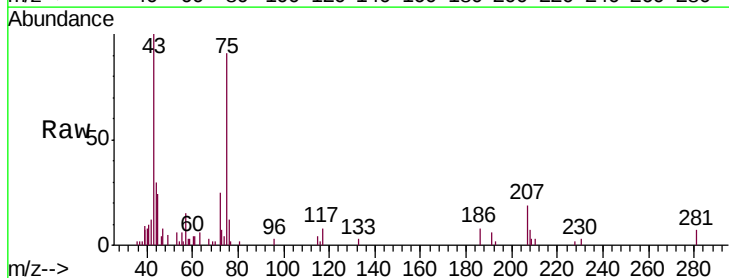


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

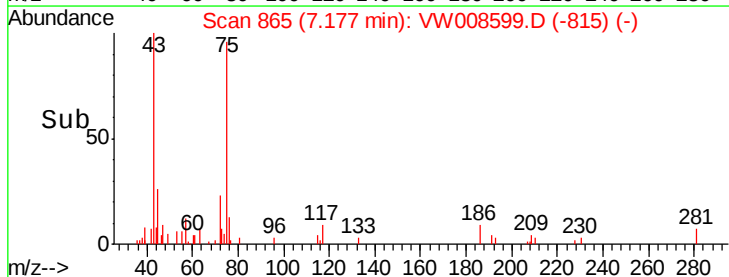
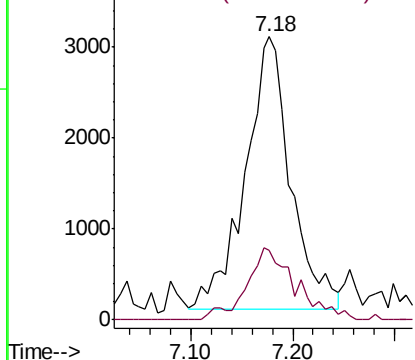


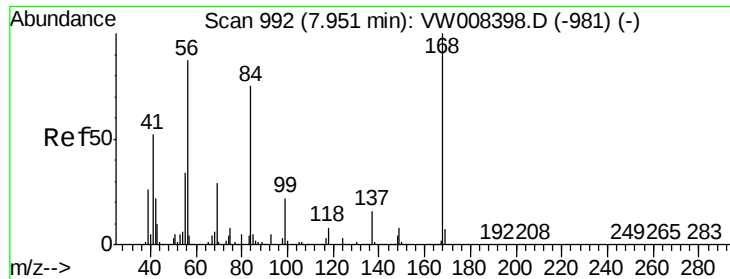
#25
2-Butanone
Concen: 6.678 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Tgt Ion: 43 Resp: 9310
Ion Ratio Lower Upper
43 100
72 25.9 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

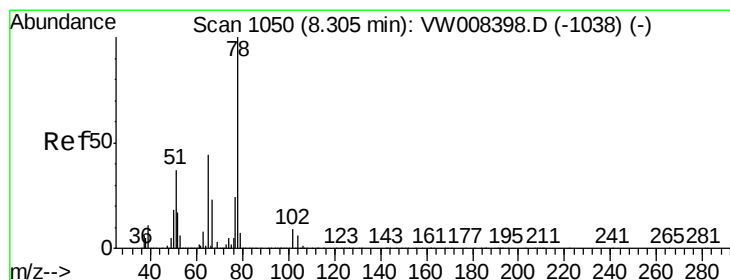
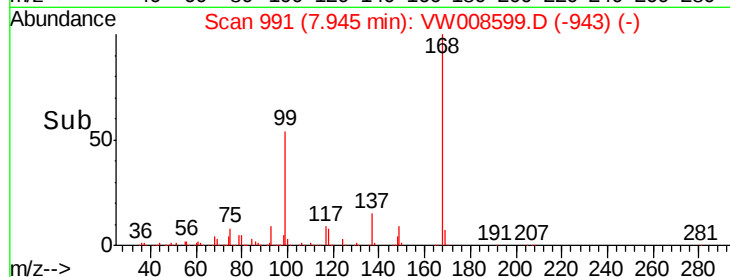
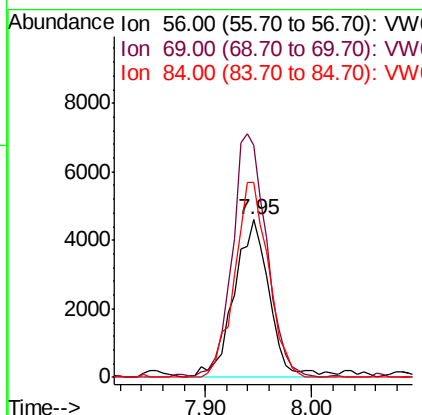
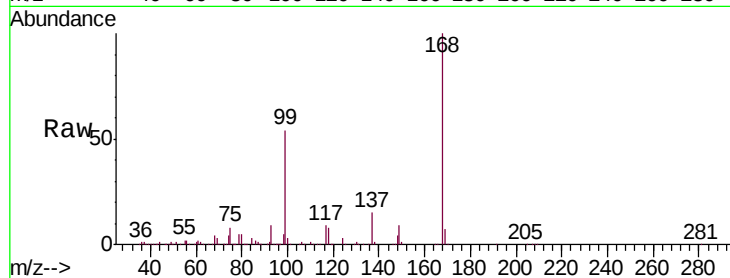




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

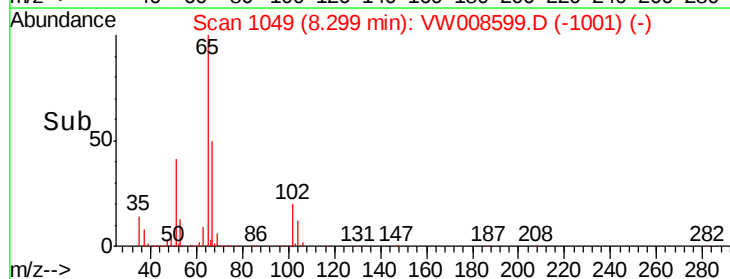
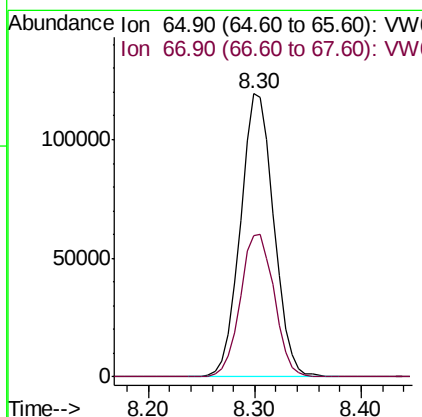
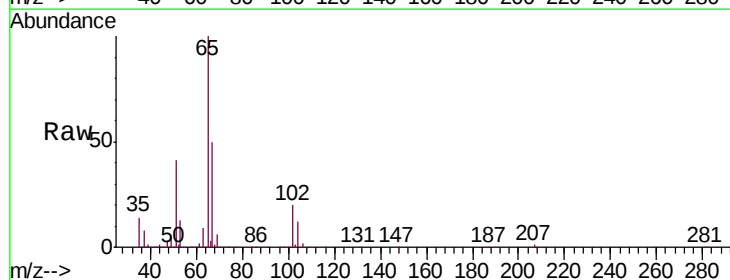
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MSVOA_W
ClientSampled :
SB-4

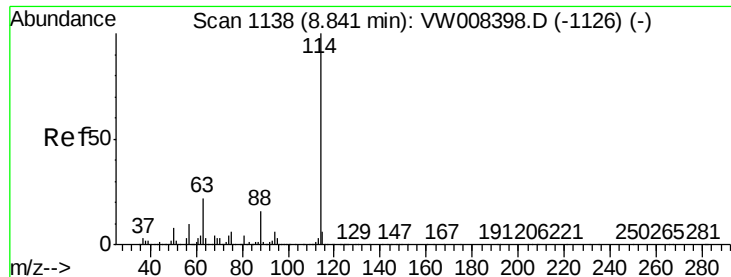
Tgt Ion: 56 Resp: 10755
Ion Ratio Lower Upper
56 100
69 145.7 26.4 39.6#
84 123.6 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 58.874 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Tgt Ion: 65 Resp: 263125
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

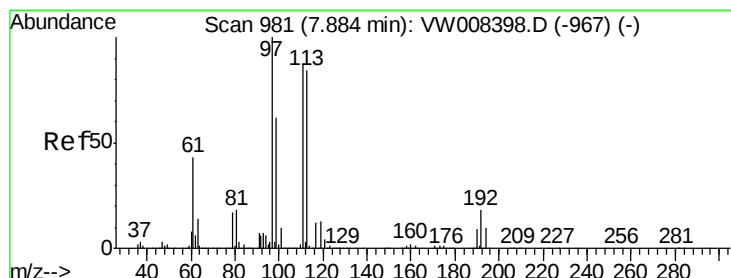
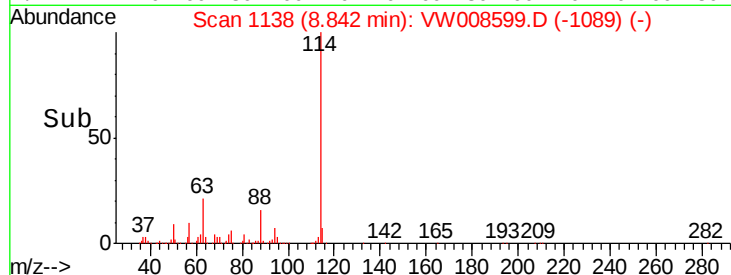
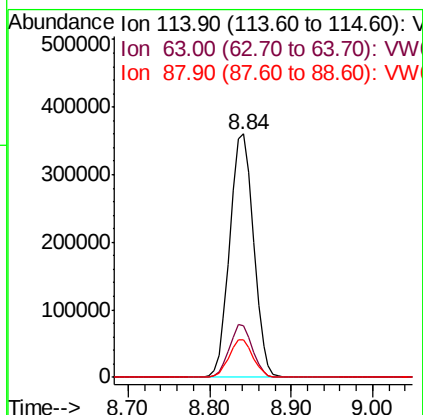
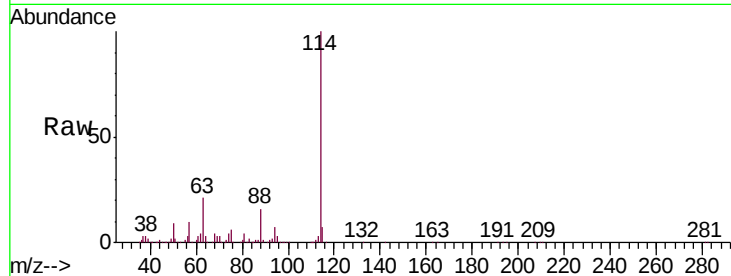




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

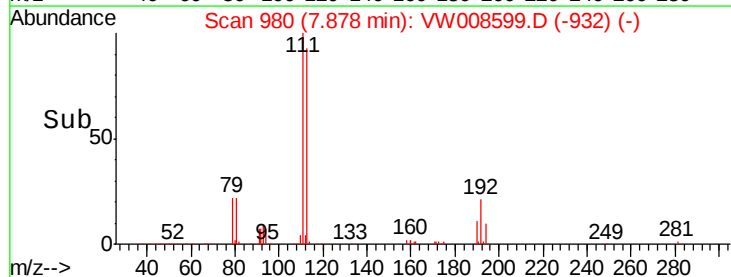
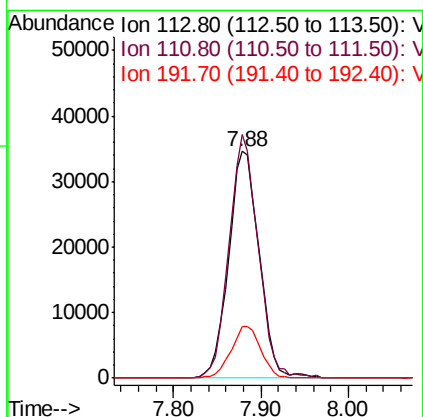
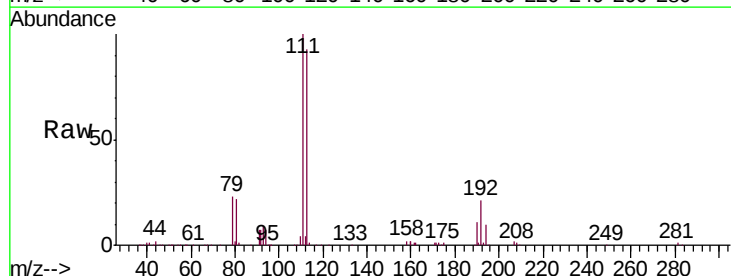
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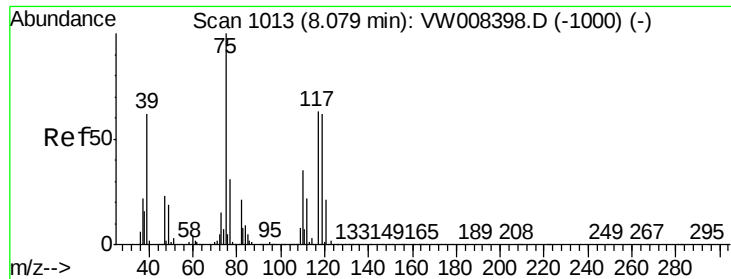
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.6
88	15.6	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 19.843 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	22.4	16.8	25.2

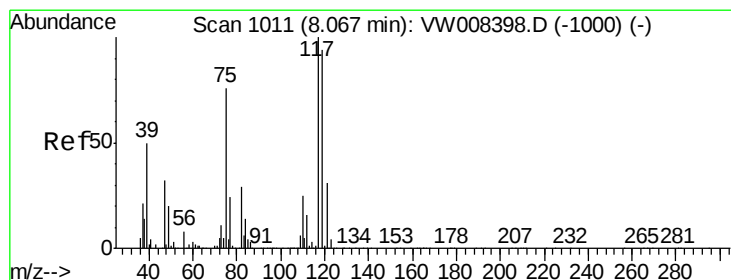
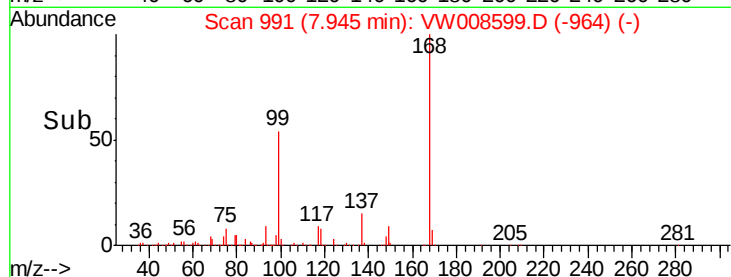
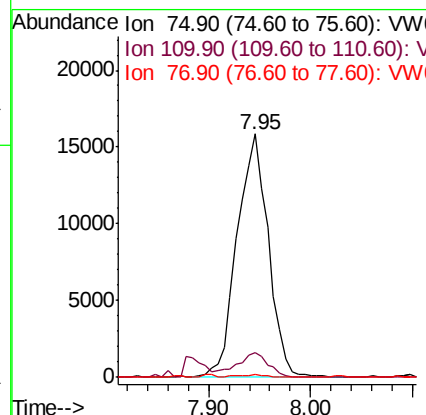
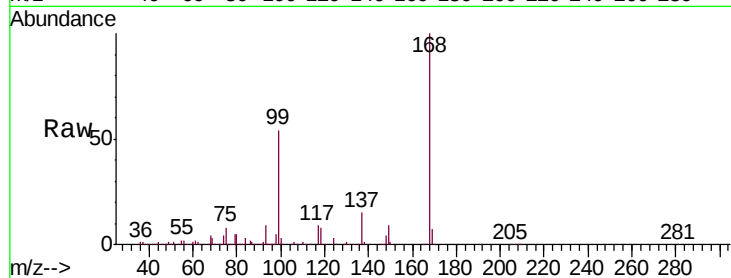




#36
 1,1-Dichloropropene
 Concen: 4.919 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

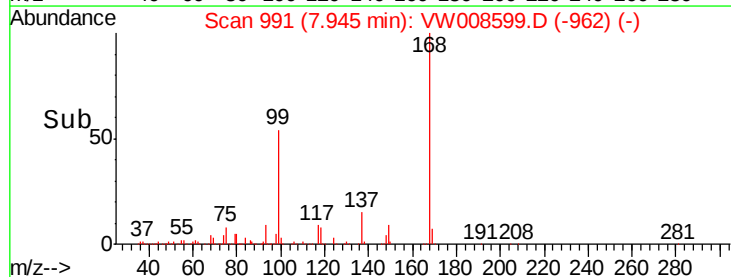
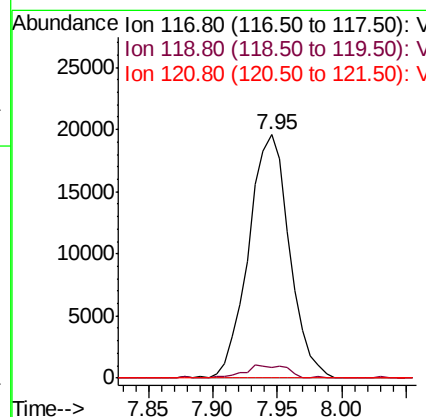
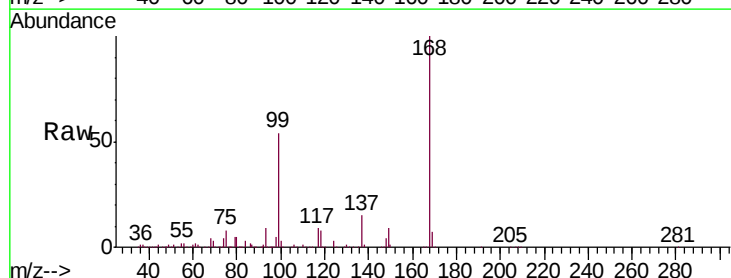
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4

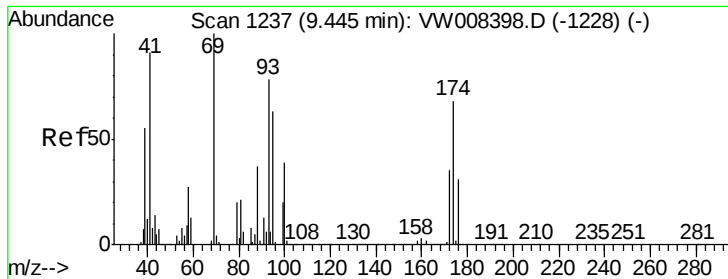
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.3	52.0#
77	0.9	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.221 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008599.D
 Acq: 11 Feb 2019 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.0	112.4#
121	0.0	24.9	37.3#

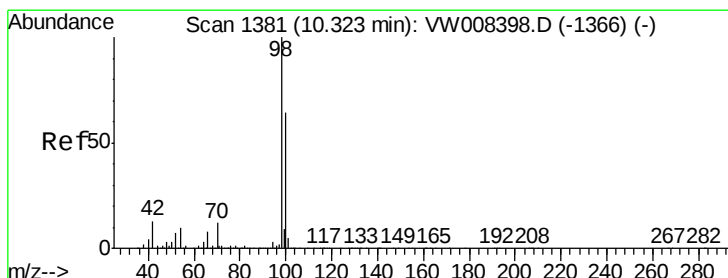
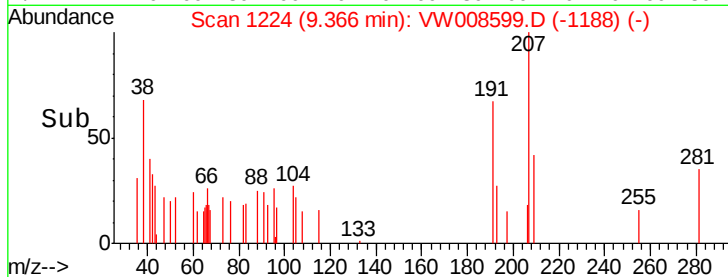
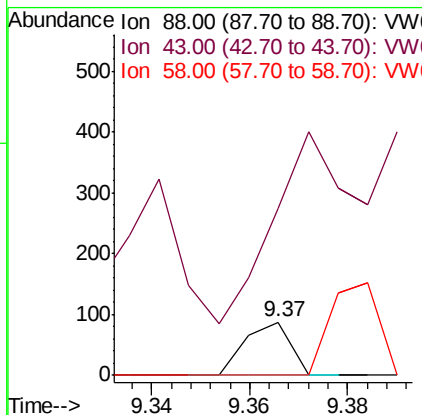
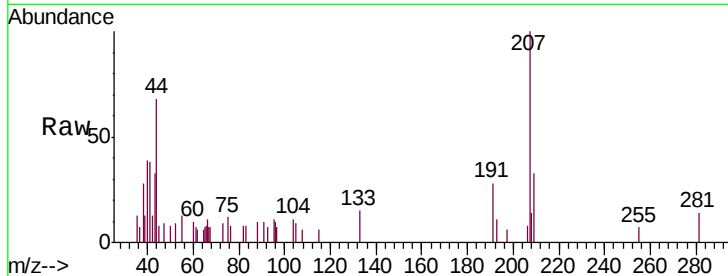




#49
1,4-Dioxane
Concen: 1.362 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.08 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

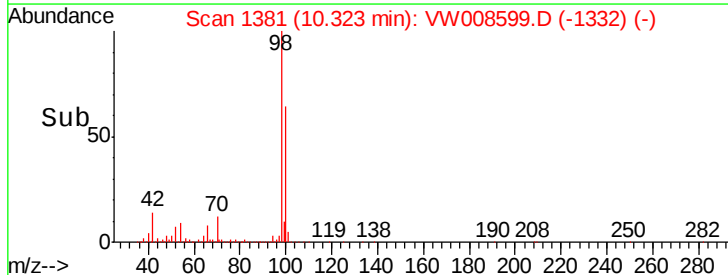
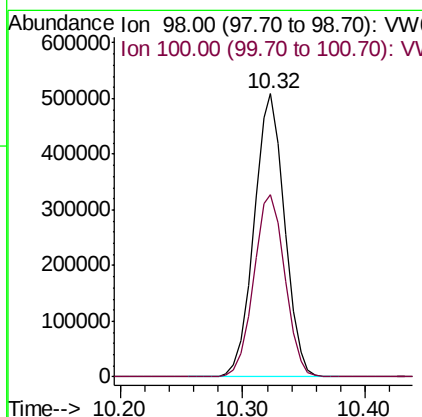
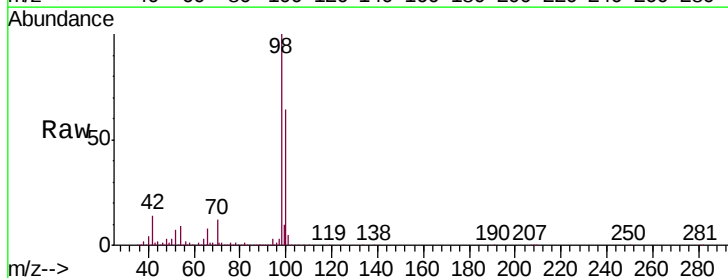
Instrument :
MSVOA_W
ClientSampleId :
SB-4

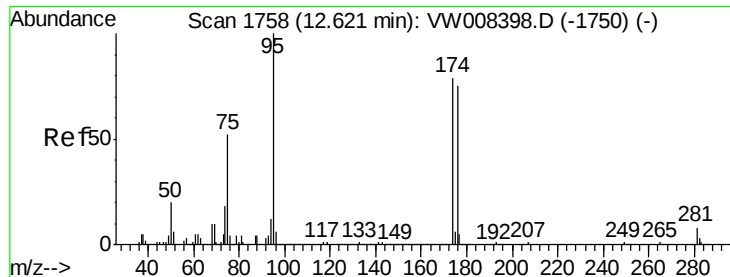
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 657.1 29.0 43.4#
58 187.5 56.4 84.6#



#50
Toluene-d8
Concen: 51.949 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Tgt Ion: 98 Resp: 881333
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

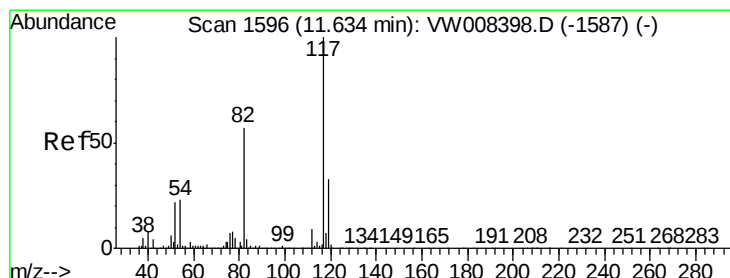
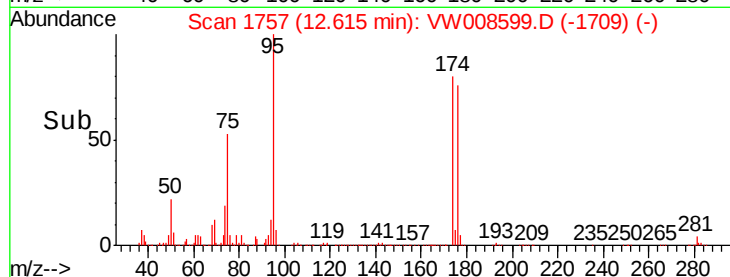
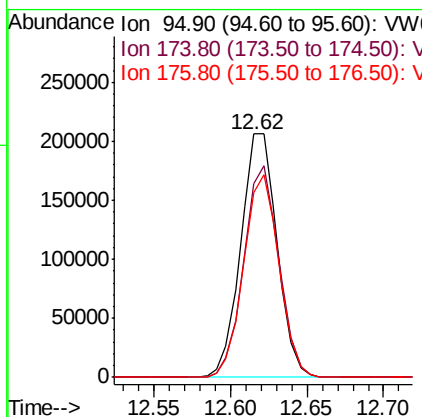
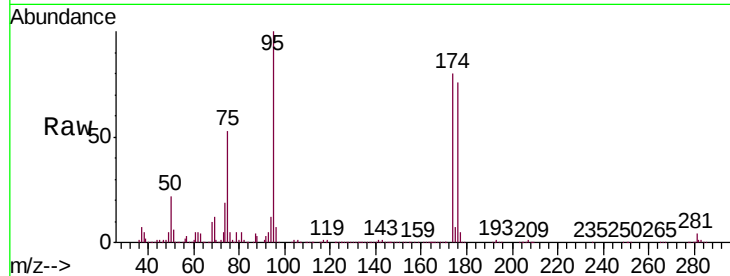




#62
4-Bromofluorobenzene
Concen: 52.101 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

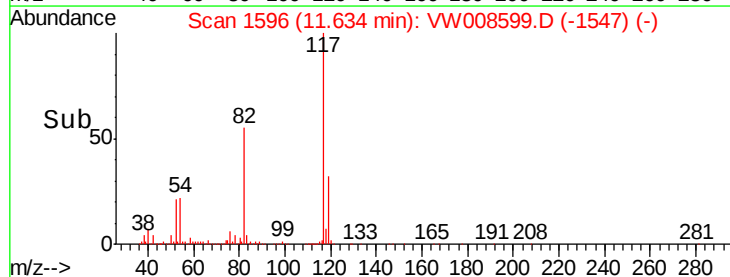
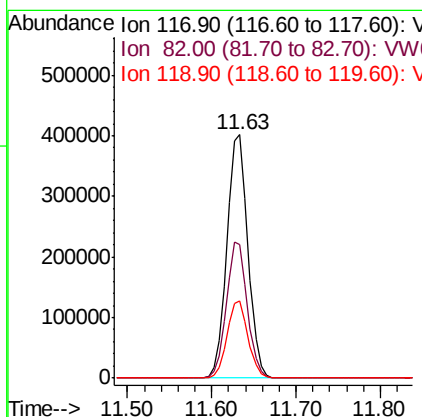
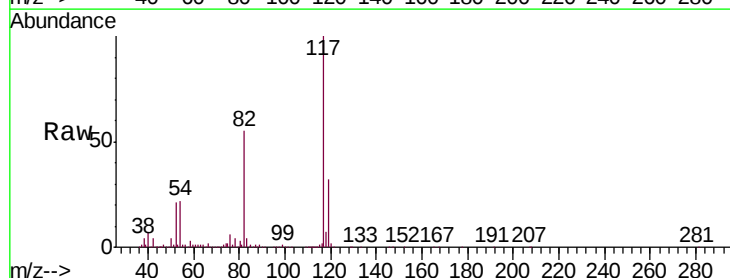
Instrument :
MSVOA_W
ClientSampled :
SB-4

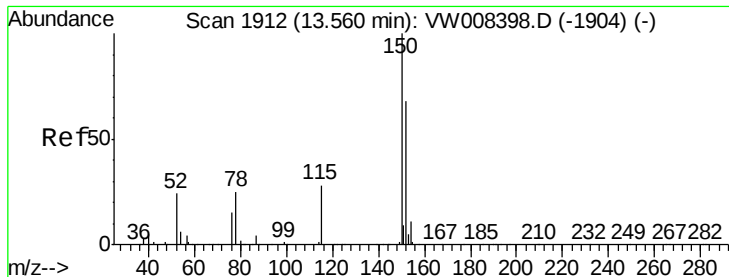
Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	157.6
176	81.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	31.6	26.2	39.4



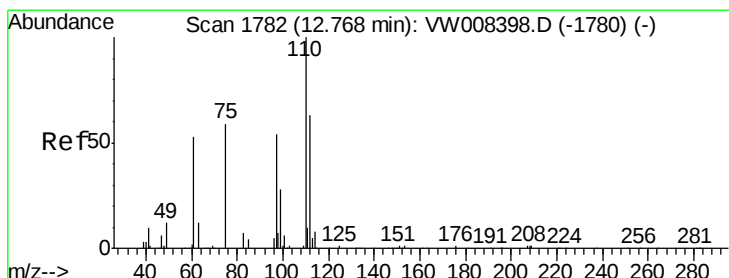
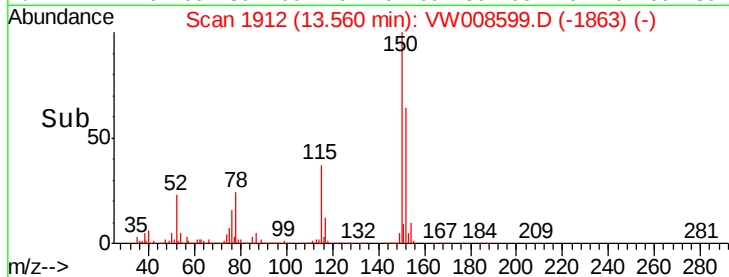
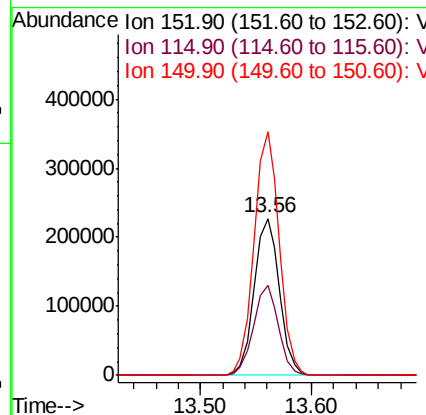
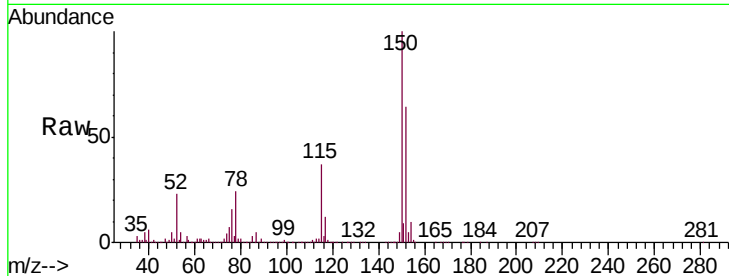


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Instrument :
MSVOA_W
ClientSampleId :
SB-4

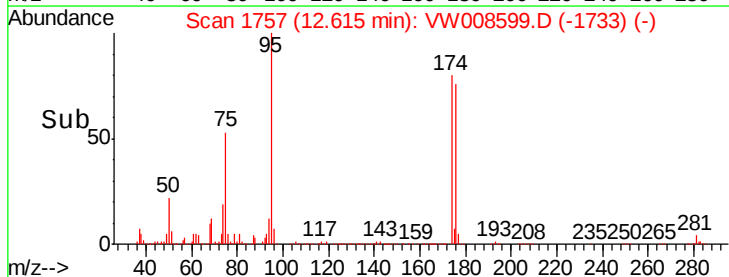
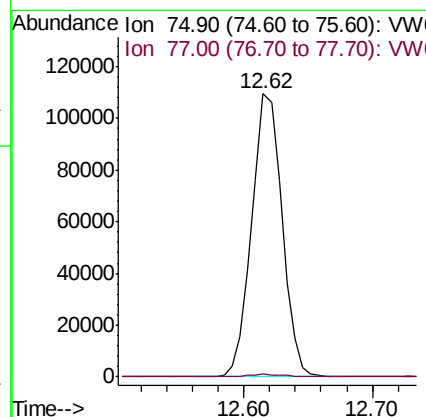
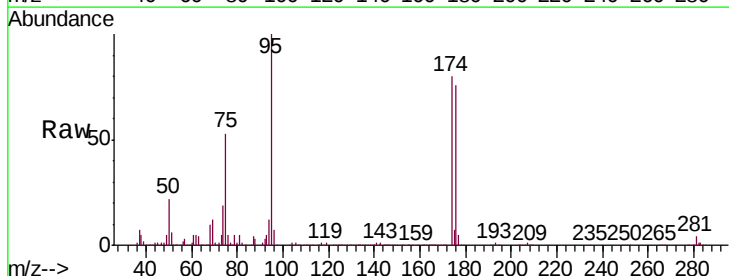
Tgt Ion:152 Resp: 358889
Ion Ratio Lower Upper
152 100
115 56.8 29.9 89.7
150 154.7 0.0 351.4

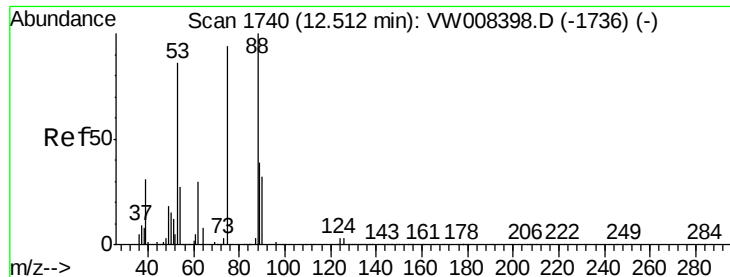


#76

1,2,3-Trichloropropane
Concen: 57.027 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008599.D
Acq: 11 Feb 2019 16:01

Tgt Ion: 75 Resp: 177940
Ion Ratio Lower Upper
75 100
77 1.4 180.7 542.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 112.632 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008599.D

Acq: 11 Feb 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

SB-4

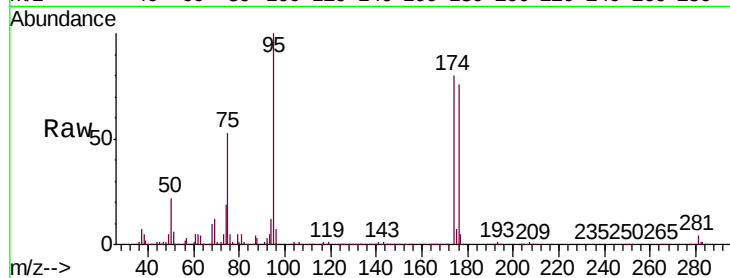
Tgt Ion: 75 Resp: 177940

Ion Ratio Lower Upper

75 100

53 0.2 76.0 114.0#

89 0.1 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

