

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
 Data File : VW008660.D
 Acq On : 14 Feb 2019 12:25
 Operator : SY/VA
 Sample : VW0214SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBL01

Quant Time: Feb 15 02:46:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	407328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	602871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249271	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	203764	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.24%		
35) Dibromofluoromethane	7.88	113	186582	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
50) Toluene-d8	10.32	98	710618	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.48%		
62) 4-Bromofluorobenzene	12.62	95	240857	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.62%		

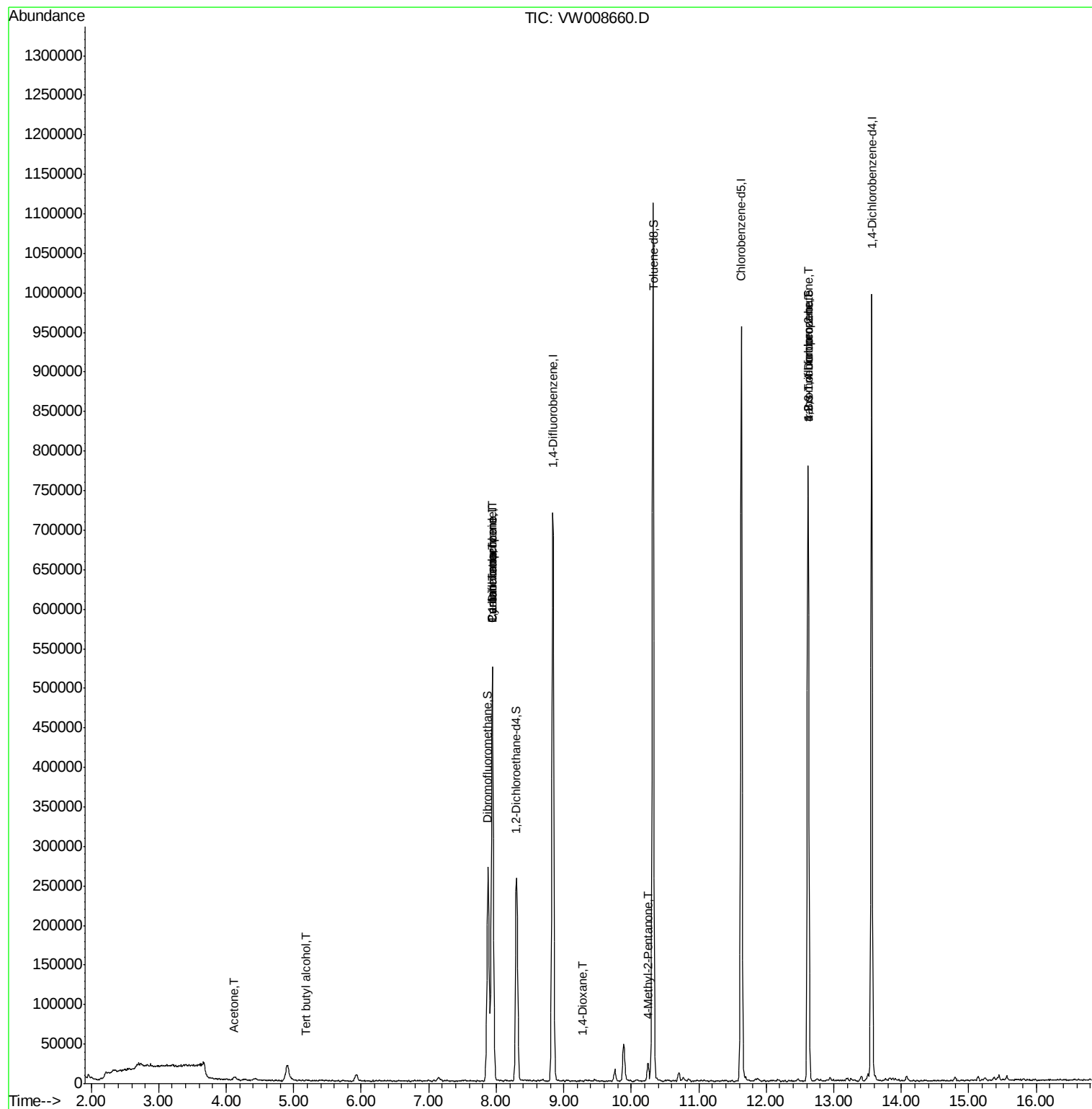
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	594	1.753	ug/l #	68
16) Acetone	4.12	43	7095	7.363	ug/l	100
20) Methylene Chloride	4.90	84	15694	Below Cal		93
31) Cyclohexane	7.95	56	9188	1.186	ug/l #	41
36) 1,1-Dichloropropene	7.94	75	30050	4.961	ug/l #	51
38) Carbon Tetrachloride	7.95	117	37995	6.308	ug/l #	16
49) 1,4-Dioxane	9.27	88	64	1.778	ug/l #	22
51) 4-Methyl-2-Pentanone	10.24	43	4103	1.371	ug/l #	80
76) 1,2,3-Trichloropropane	12.62	75	124802	50.703	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	124802	108.676	ug/l #	6

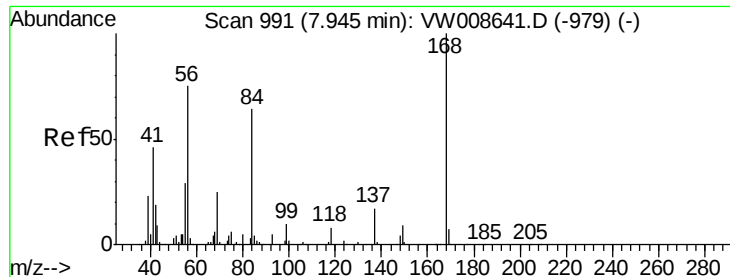
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008660.D

Acq: 14 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

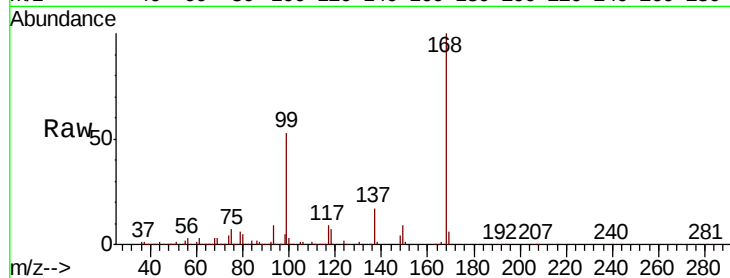
VW0214SBL01

Tgt Ion:168 Resp: 407328

Ion Ratio Lower Upper

168 100

99 53.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

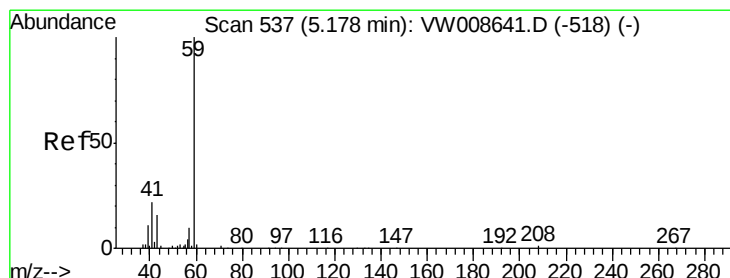
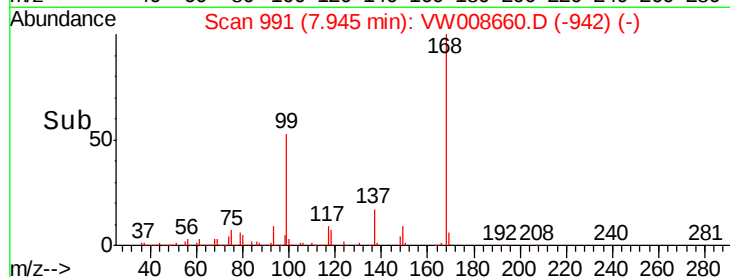
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.753 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW008660.D

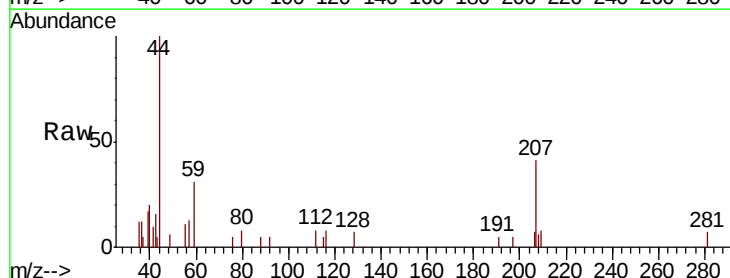
Acq: 14 Feb 2019 12:25

Tgt Ion: 59 Resp: 594

Ion Ratio Lower Upper

59 100

57 22.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

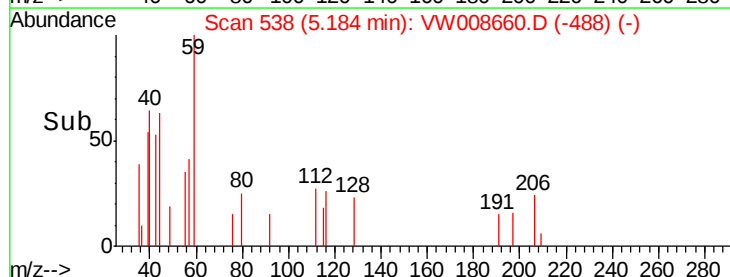
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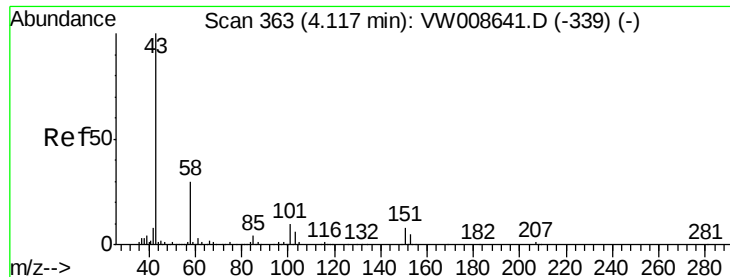
200

100

0

Time-->

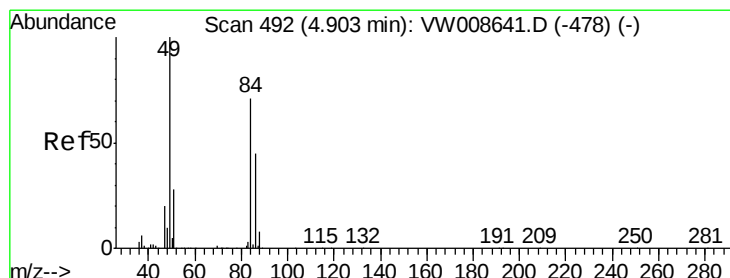
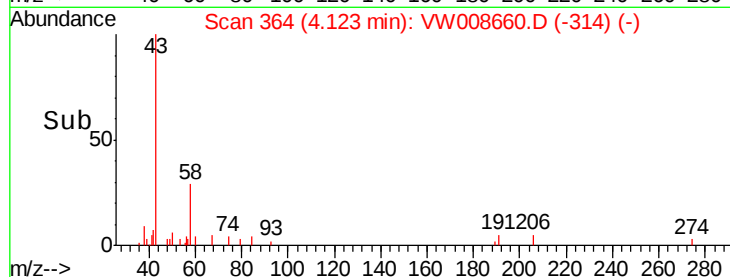
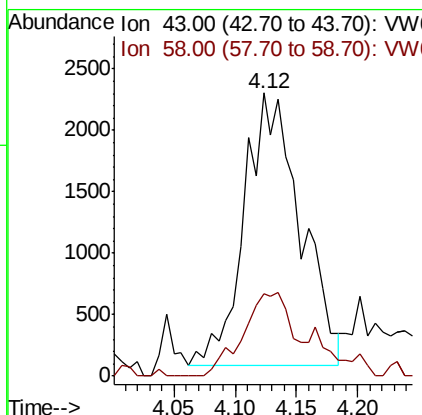
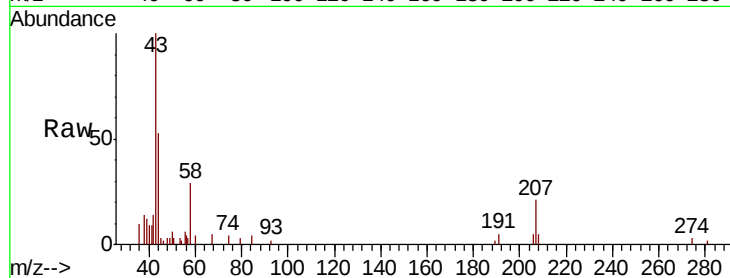




#16
Acetone
Concen: 7.363 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

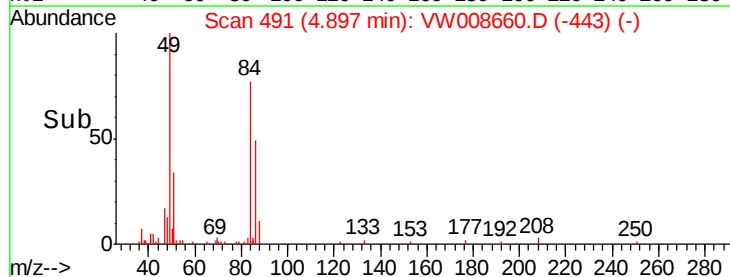
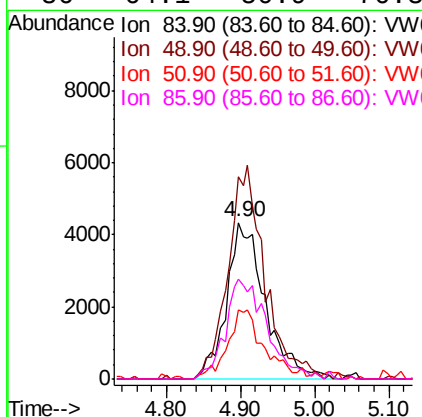
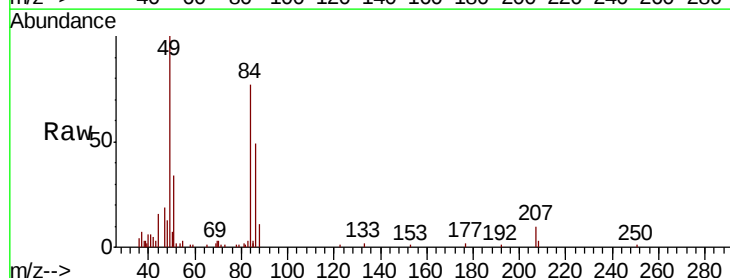
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBL01

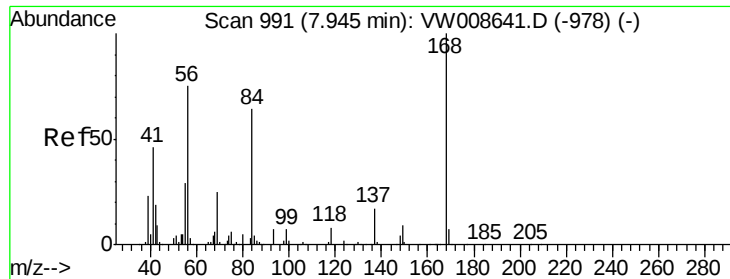
Tgt Ion: 43 Resp: 7095
Ion Ratio Lower Upper
43 100
58 30.2 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

Tgt Ion: 84 Resp: 15694
Ion Ratio Lower Upper
84 100
49 129.6 113.3 169.9
51 44.1 32.1 48.1
86 64.1 50.9 76.3

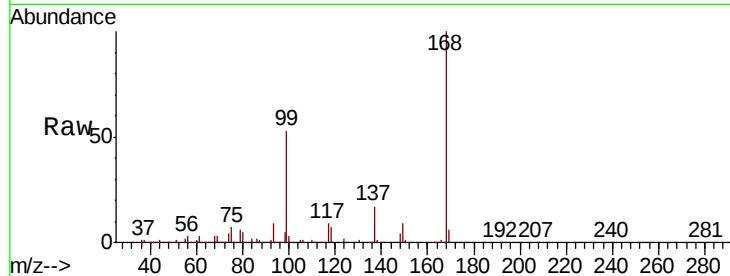




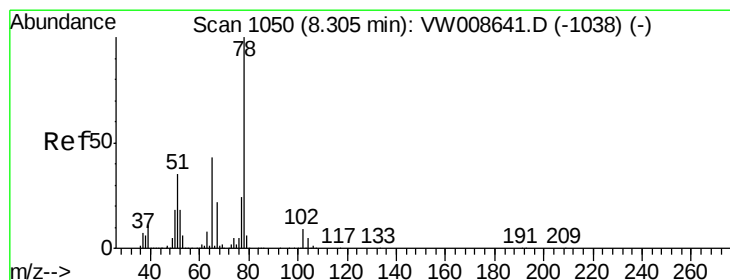
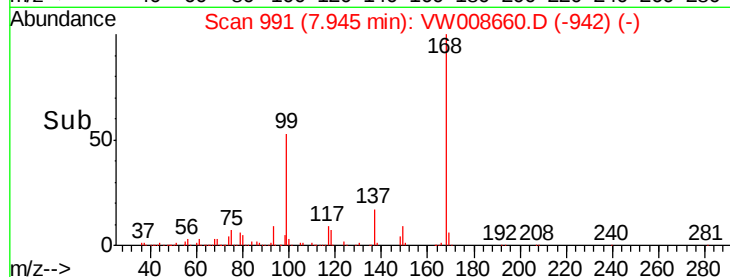
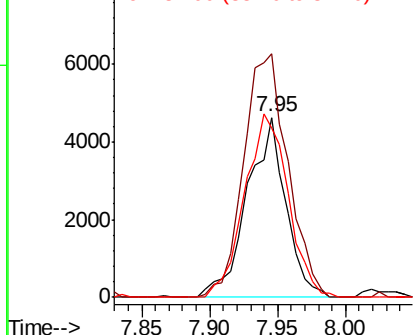
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0214SBL01

Tgt Ion: 56 Resp: 9188
Ion Ratio Lower Upper
56 100
69 135.2 26.4 39.6#
84 94.2 67.4 101.2

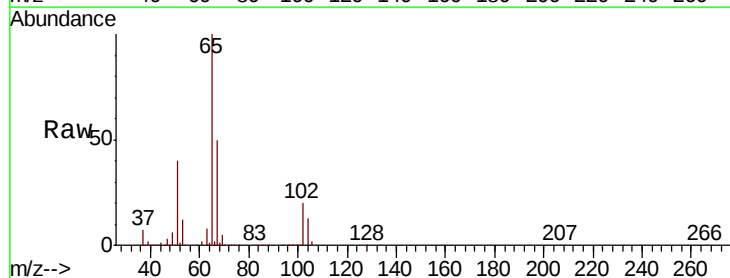


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

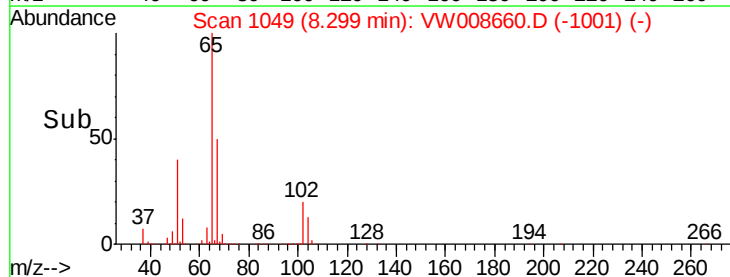
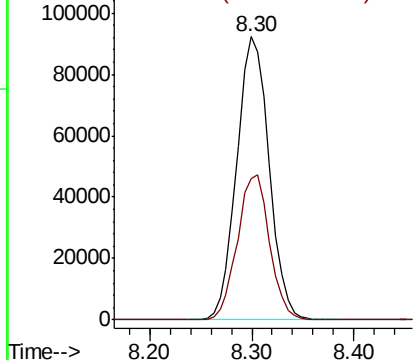


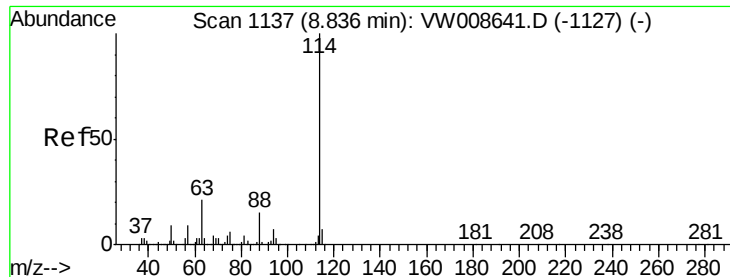
#33
1,2-Dichloroethane-d4
Concen: 48.117 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

Tgt Ion: 65 Resp: 203764
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0



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

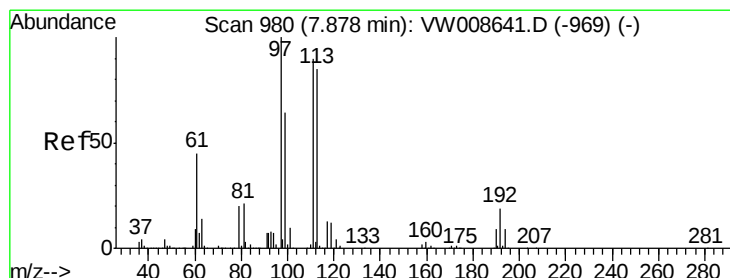
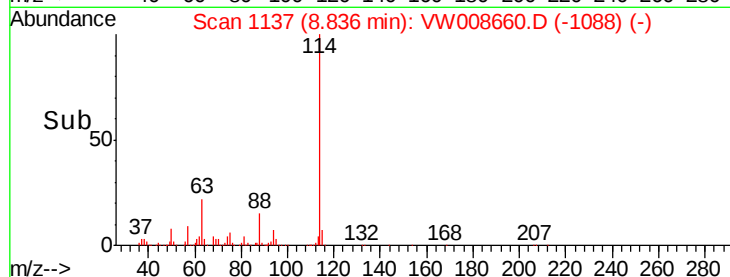
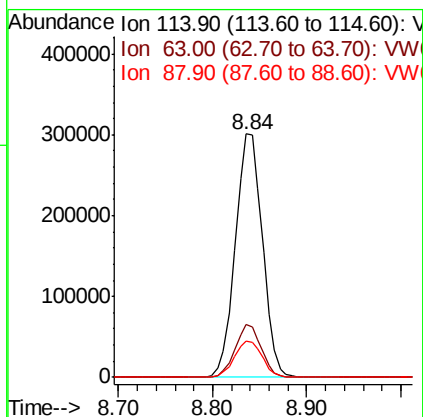
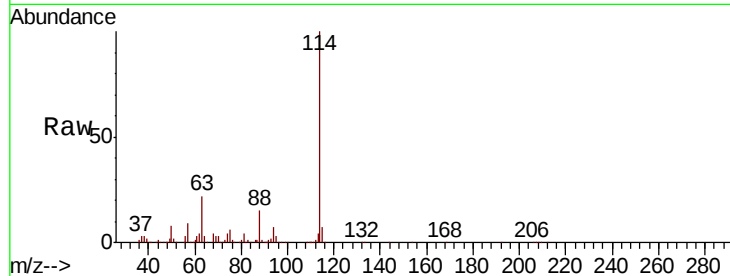




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

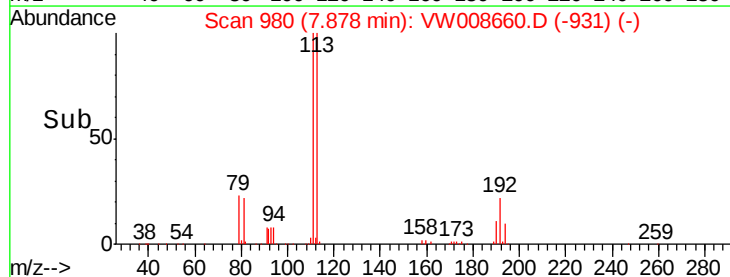
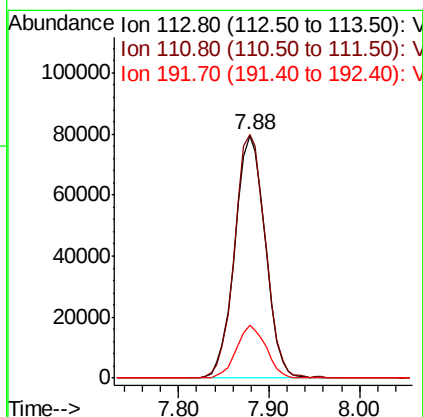
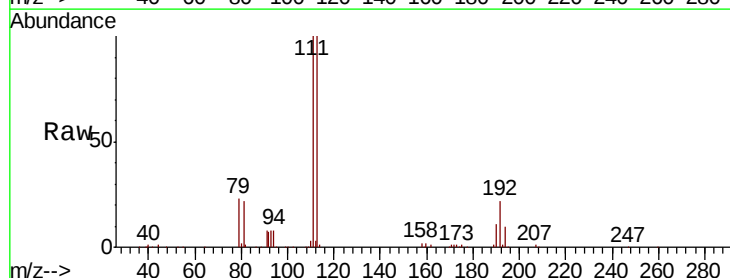
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBL01

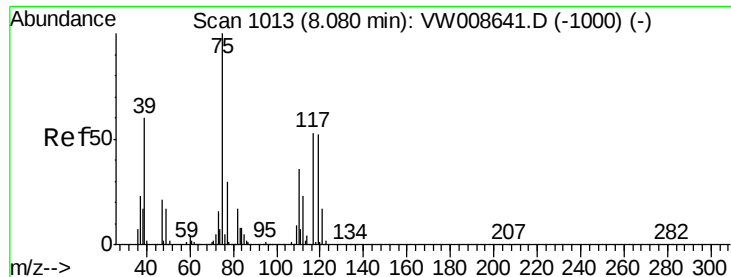
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.2
88	15.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 49.842 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.0	126.0
192	21.2	17.4	26.2





#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008660.D

Acq: 14 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBL01

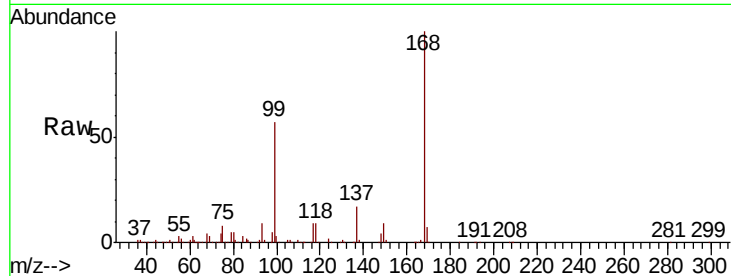
Tgt Ion: 75 Resp: 30050

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

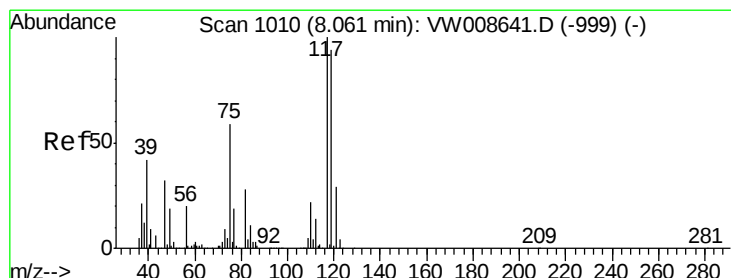
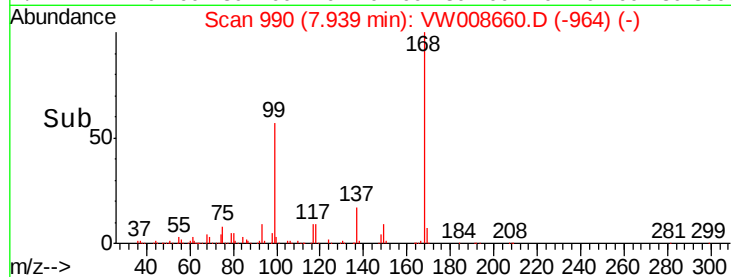
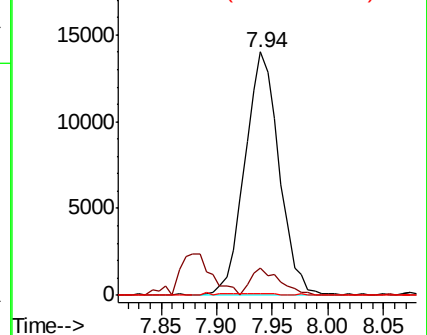
77 0.9 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.308 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008660.D

Acq: 14 Feb 2019 12:25

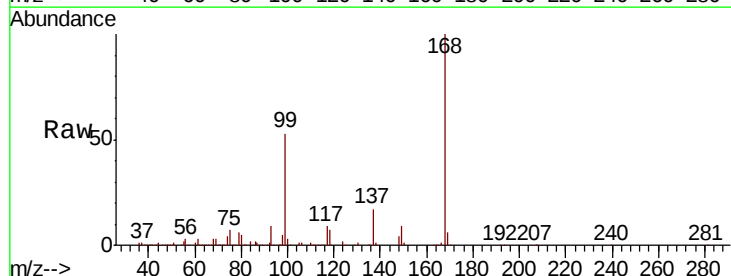
Tgt Ion: 117 Resp: 37995

Ion Ratio Lower Upper

117 100

119 3.7 75.1 112.7#

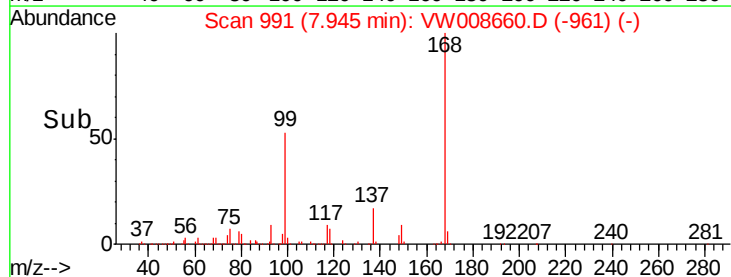
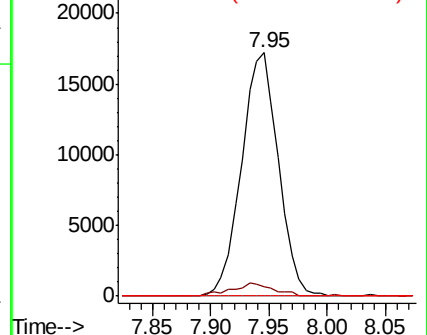
121 0.0 23.5 35.3#

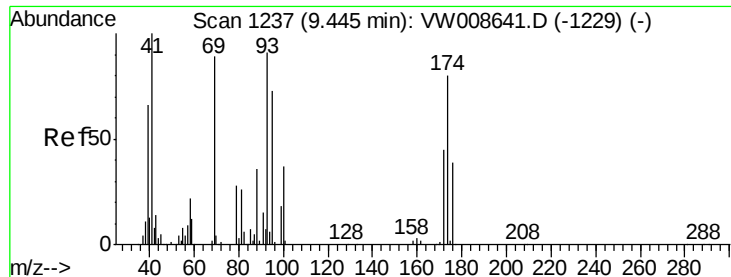


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

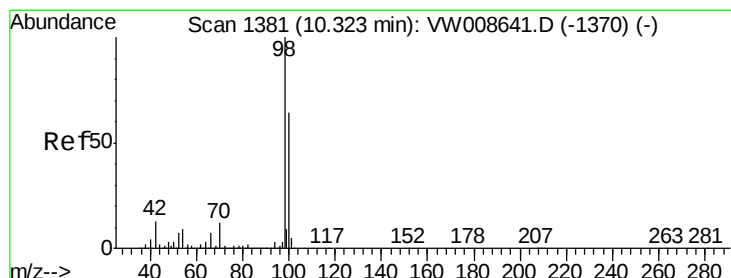
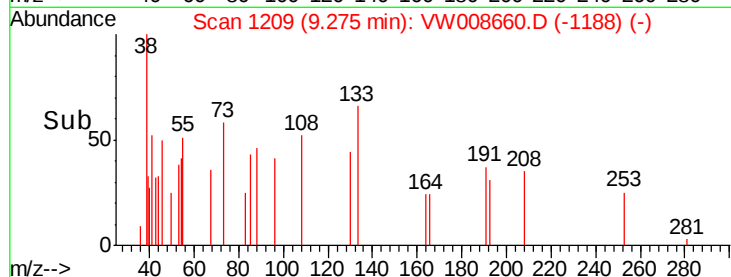
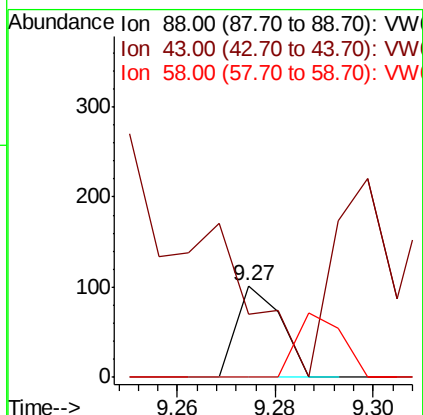
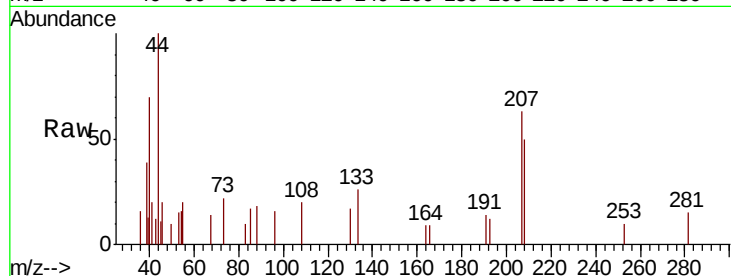




#49
1,4-Dioxane
Concen: 1.778 ug/l
RT: 9.27 min Scan# 1209
Delta R.T. -0.17 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

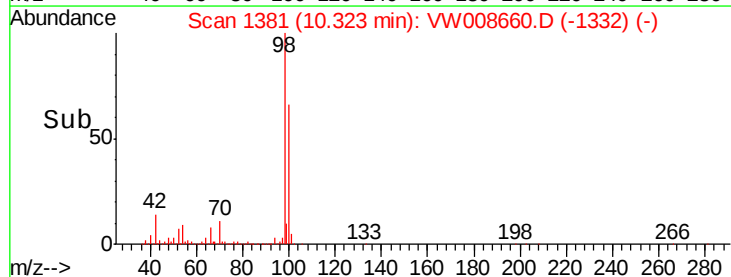
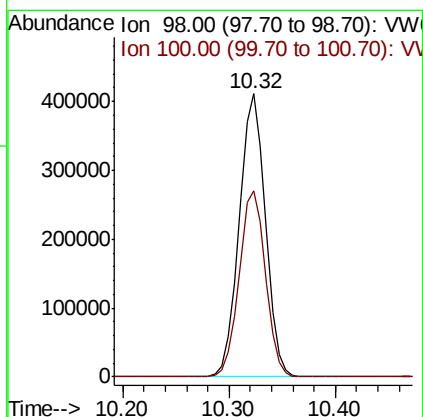
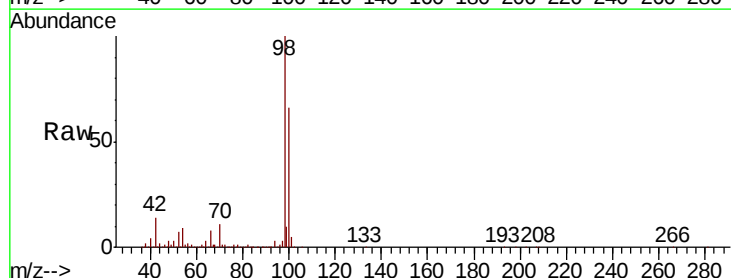
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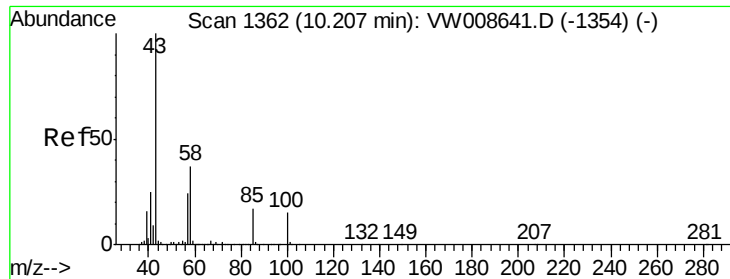
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 57.0 85.6#



#50
Toluene-d8
Concen: 49.244 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

Tgt Ion: 98 Resp: 710618
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

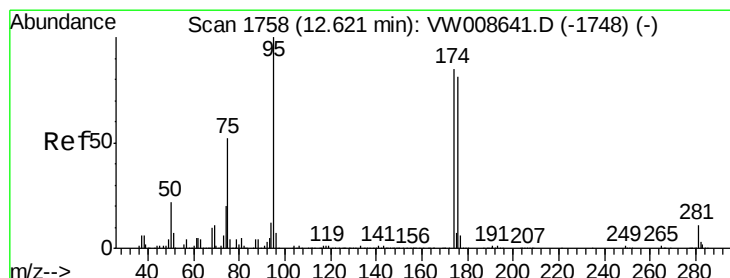
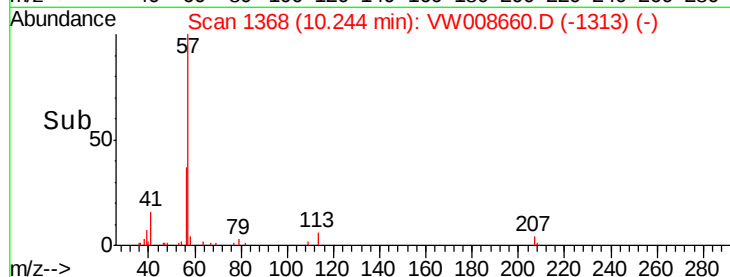
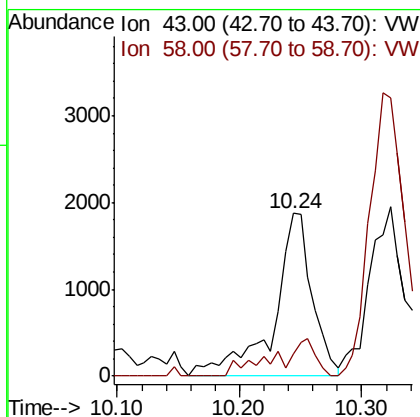
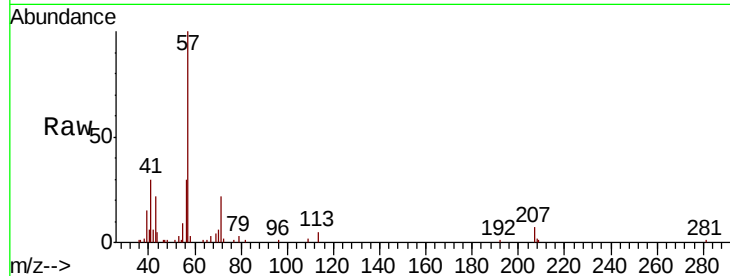




#51
 4-Methyl-2-Pentanone
 Concen: 1.371 ug/l
 RT: 10.24 min Scan# 1368
 Delta R.T. 0.04 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

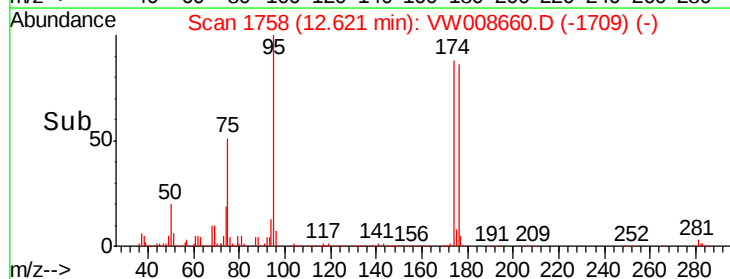
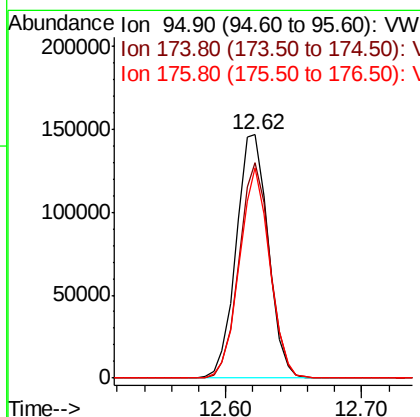
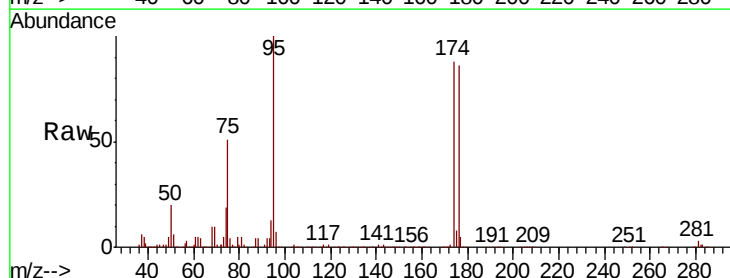
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 VW0214SBL01

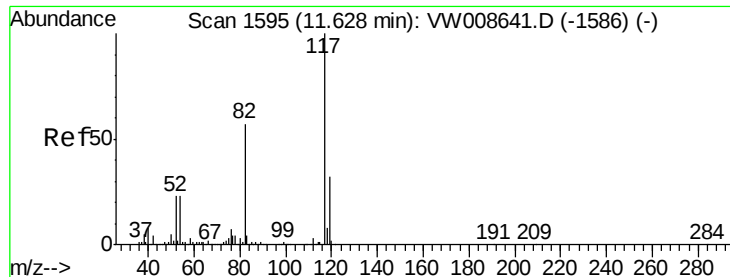
Tgt Ion: 43 Resp: 4103
 Ion Ratio Lower Upper
 43 100
 58 24.3 29.0 43.6#



#62
 4-Bromofluorobenzene
 Concen: 44.312 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

Tgt Ion: 95 Resp: 240857
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 163.2
 176 82.2 0.0 158.0

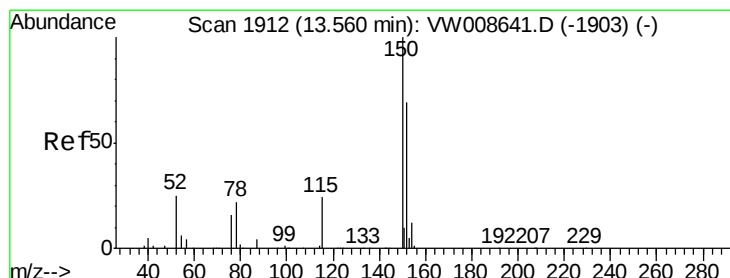
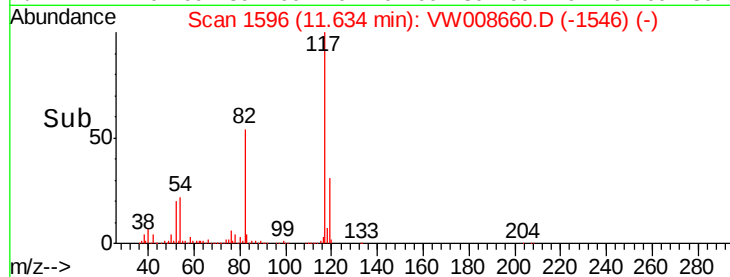
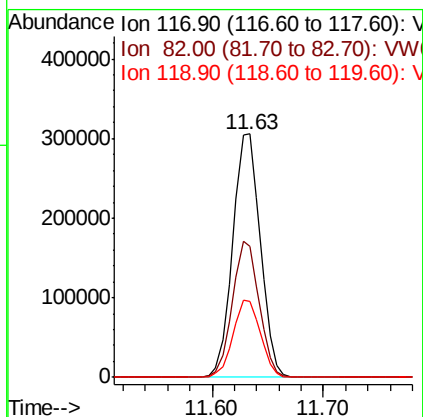
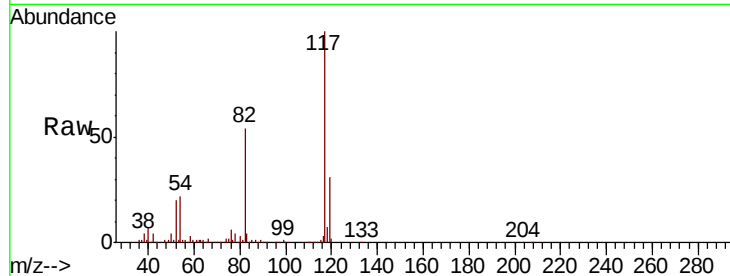




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

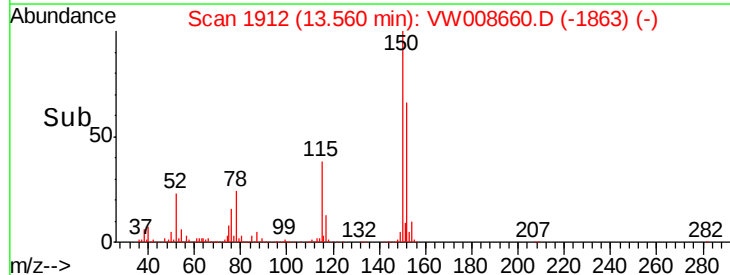
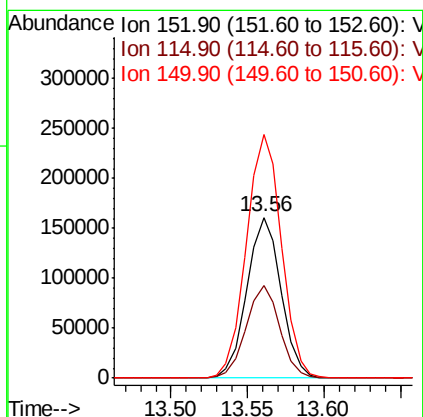
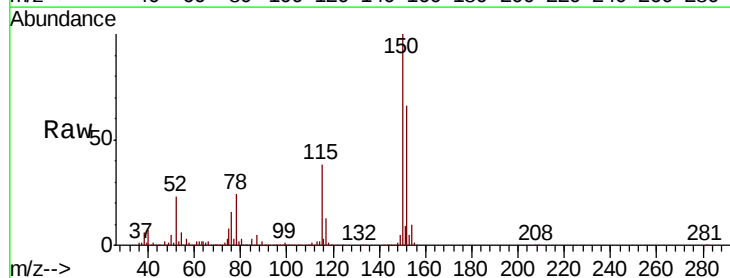
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBL01

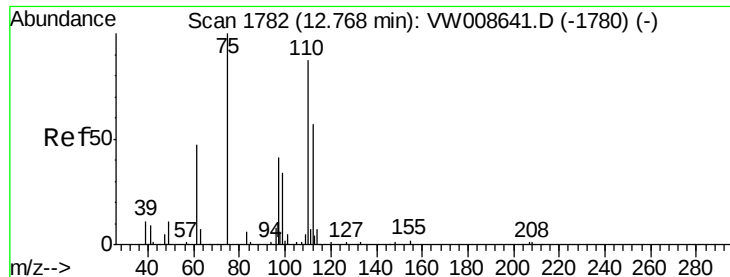
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.6	68.4
119	31.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008660.D
Acq: 14 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	156.1	0.0	352.8

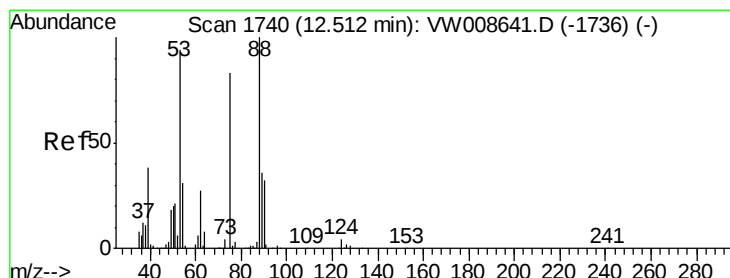
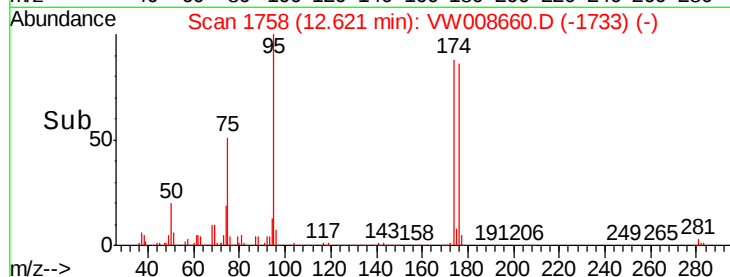
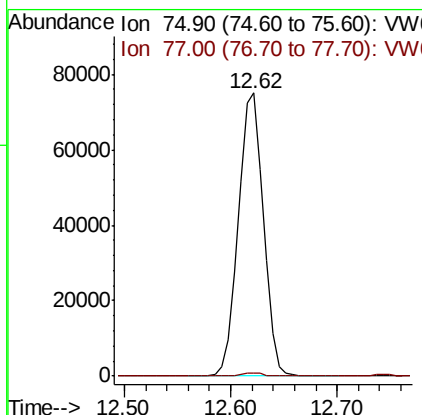
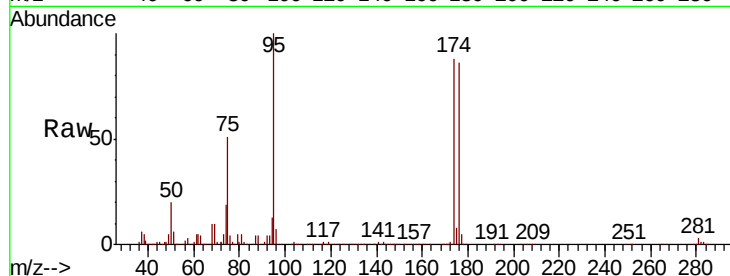




#76
 1,2,3-Trichloropropane
 Concen: 50.703 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBL01

Tgt Ion: 75 Resp: 124802
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.676 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008660.D
 Acq: 14 Feb 2019 12:25

Tgt Ion: 75 Resp: 124802
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.0#
 89 0.1 37.0 55.4#

