

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003974.D
 Acq On : 17 Jul 2018 03:07
 Operator : VA/AP
 Sample : J3542-05RE
 Misc : 3.98G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 08:50:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98776	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	142952	71.89	ug/l	0.00
Spiked Amount			Recovery	=	143.78%	
35) Dibromofluoromethane	7.88	113	119343	59.14	ug/l	0.00
Spiked Amount			Recovery	=	118.28%	
50) Toluene-d8	10.33	98	295028	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	
62) 4-Bromofluorobenzene	12.62	95	107318	38.01	ug/l	0.00
Spiked Amount			Recovery	=	76.02%	

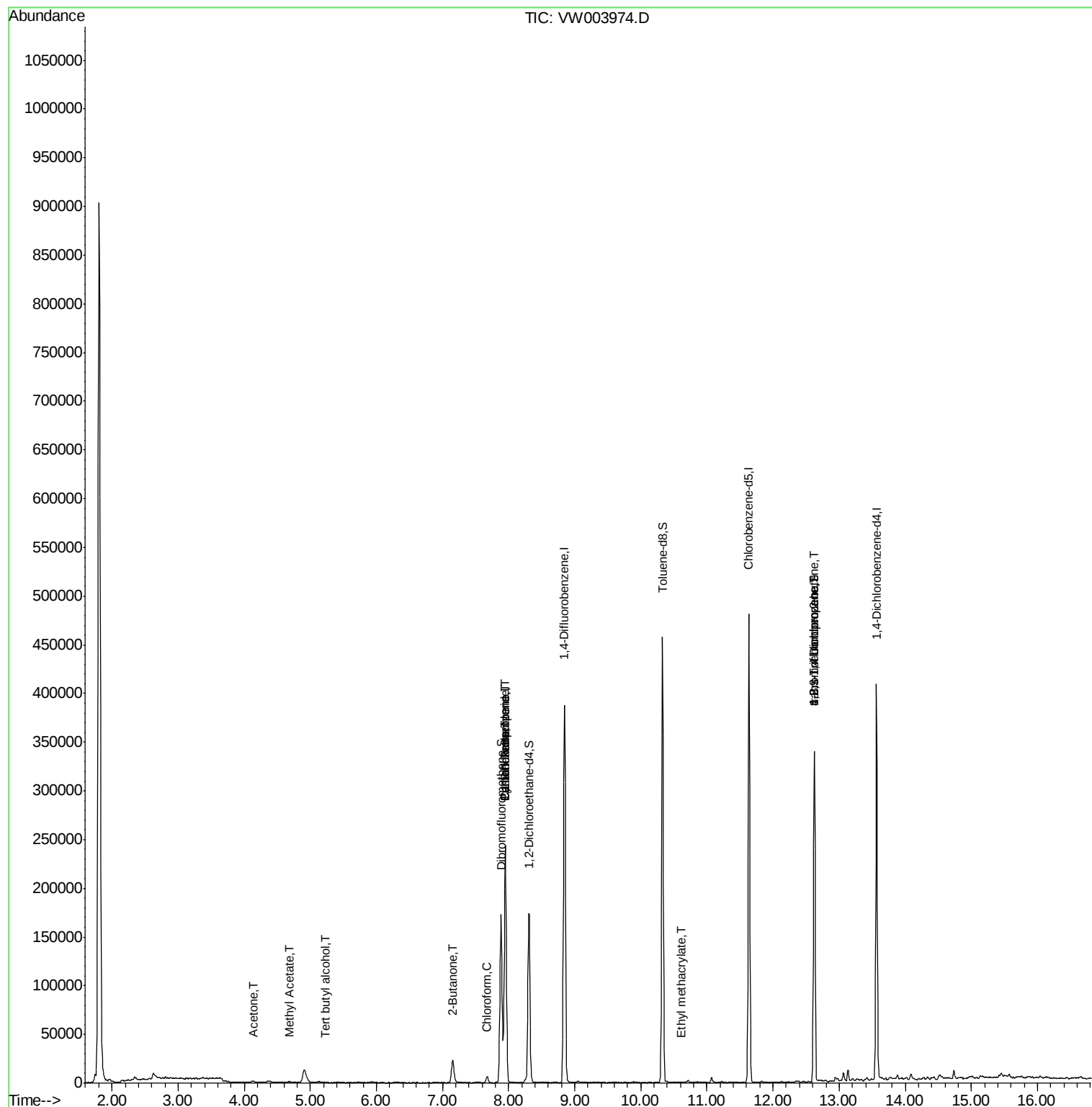
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	154	1.122	ug/l #	63
16) Acetone	4.14	43	2969	6.214	ug/l #	85
18) Methyl Acetate	4.67	43	2127	1.854	ug/l	93
20) Methylene Chloride	4.92	84	12049	Below Cal		93
25) 2-Butanone	7.15	43	1412	2.196	ug/l #	75
30) Chloroform	7.67	83	5121	1.463	ug/l	89
31) Cyclohexane	7.95	56	4510	1.367	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	14908	4.607	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17994	5.951	ug/l #	16
56) Ethyl methacrylate	10.60	69	24	2.955	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	57568	58.706	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57568	129.856	ug/l #	11

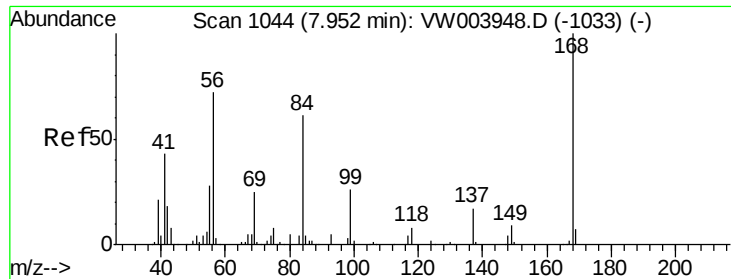
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071618\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003974.D

Acq: 17 Jul 2018 03:07

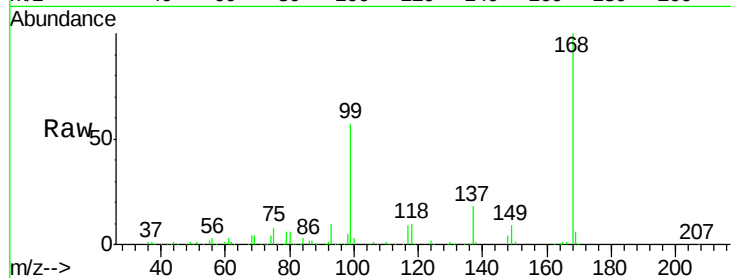
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 177887

Ion Ratio Lower Upper

168 100

99 57.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

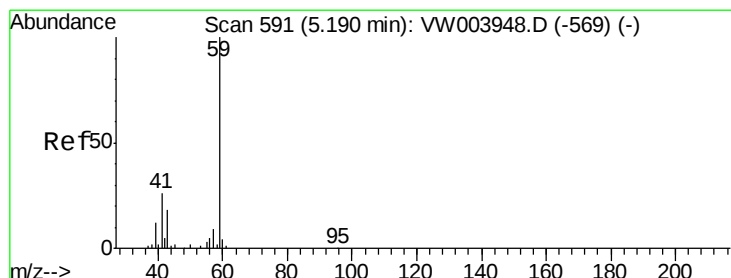
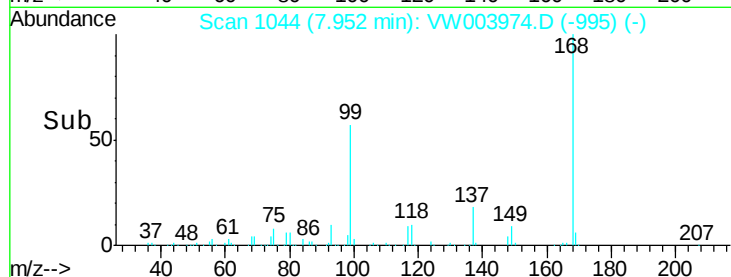
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.122 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.03 min

Lab File: VW003974.D

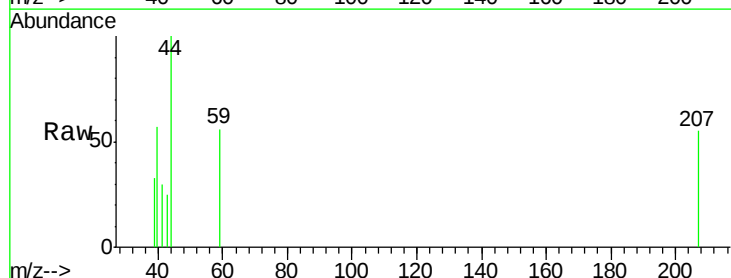
Acq: 17 Jul 2018 03:07

Tgt Ion: 59 Resp: 154

Ion Ratio Lower Upper

59 100

57 24.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

200

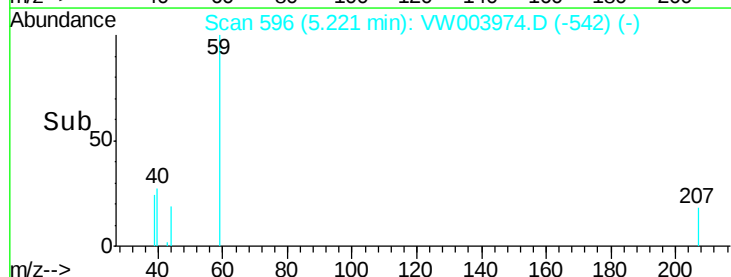
150

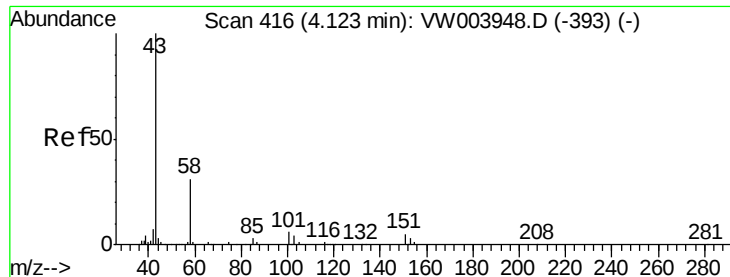
100

50

0

Time-->





#16

Acetone

Concen: 6.214 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW003974.D

Acq: 17 Jul 2018 03:07

Instrument :

MSVOA_W

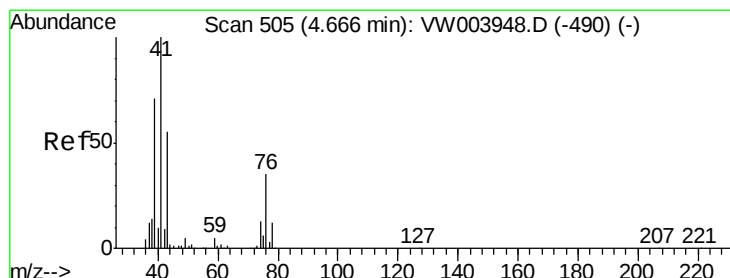
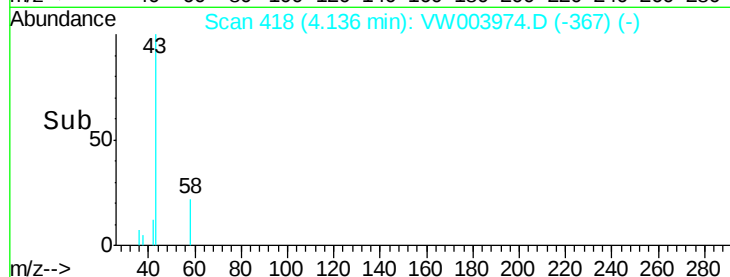
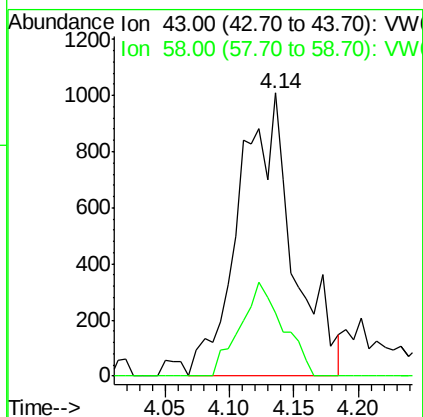
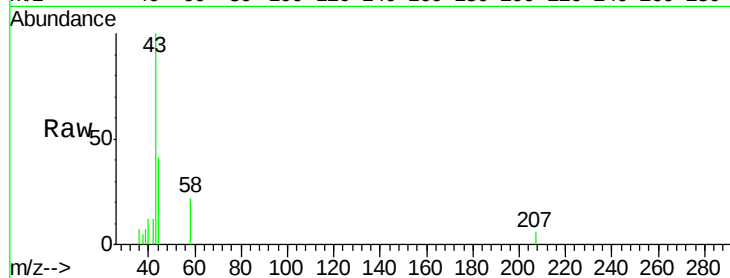
ClientSampled :

Tot Ion: 43 Resp: 2969

Ion Ratio Lower Upper

43 100

58 22.3 24.5 36.7#



#18

Methyl Acetate

Concen: 1.854 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW003974.D

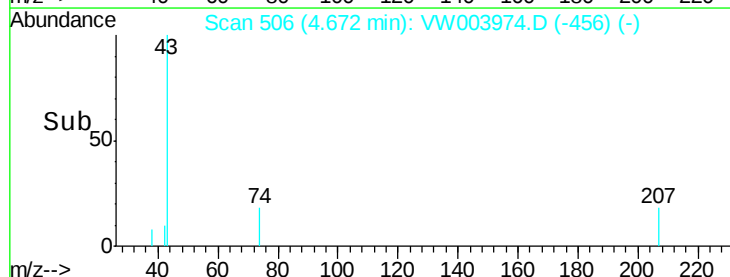
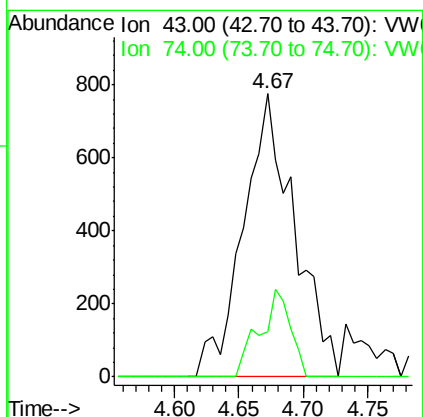
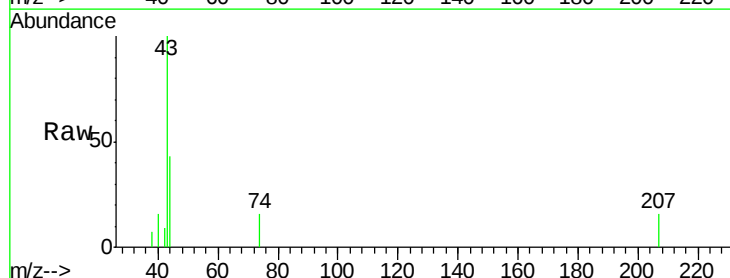
Acq: 17 Jul 2018 03:07

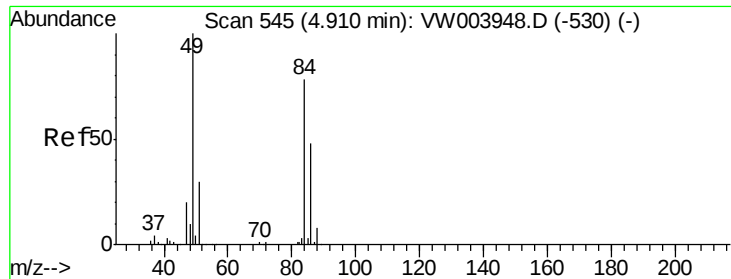
Tgt Ion: 43 Resp: 2127

Ion Ratio Lower Upper

43 100

74 18.9 17.7 26.5

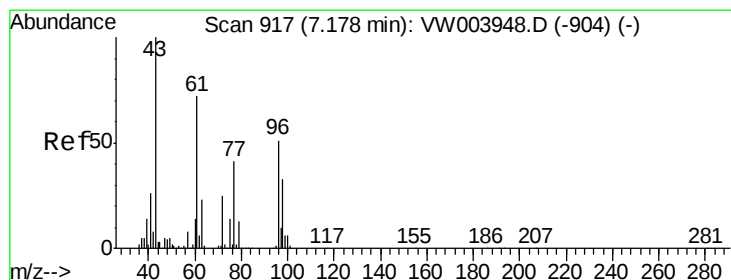
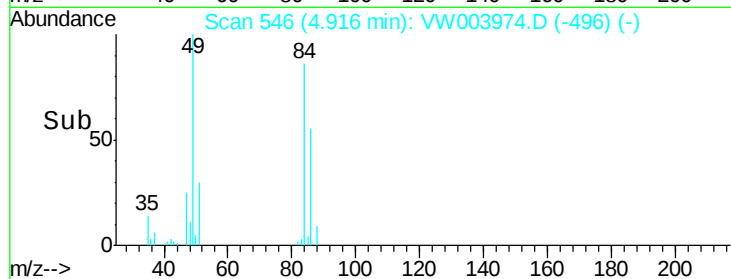
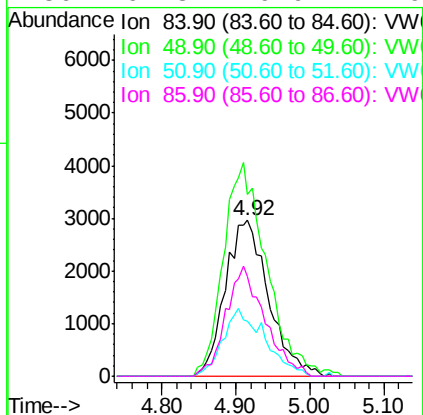
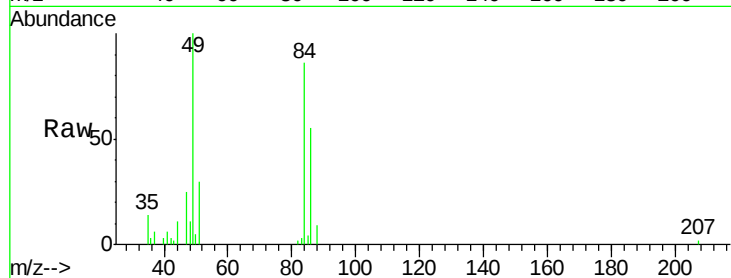




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

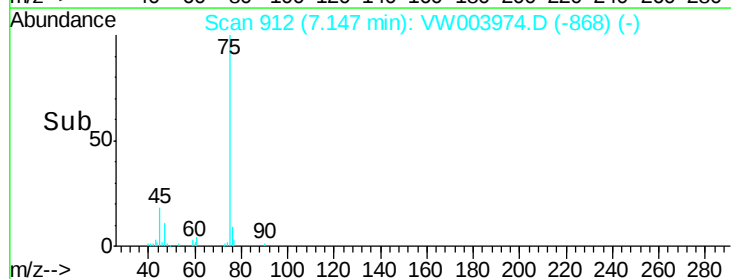
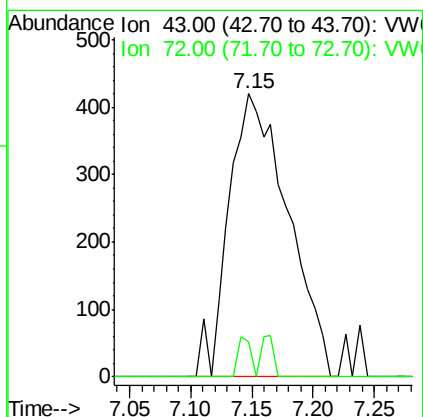
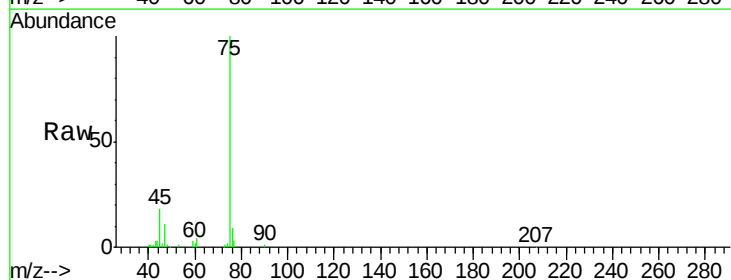
Instrument :
MSVOA_W
ClientSampleId :

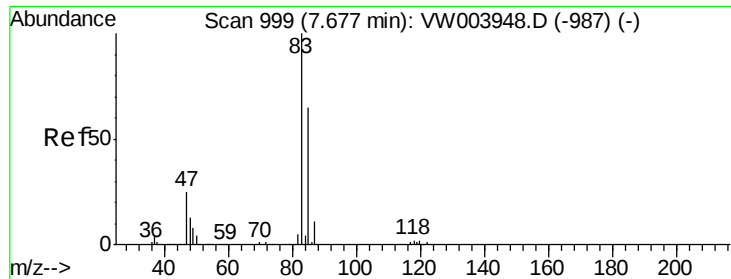
Tot Ion: 84 Resp: 12049
Ion Ratio Lower Upper
84 100
49 116.7 102.9 154.3
51 35.5 30.9 46.3
86 64.3 49.9 74.9



#25
2-Butanone
Concen: 2.196 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
72 12.1 19.8 29.6#

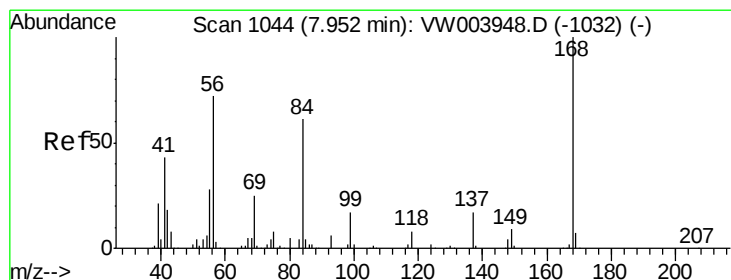
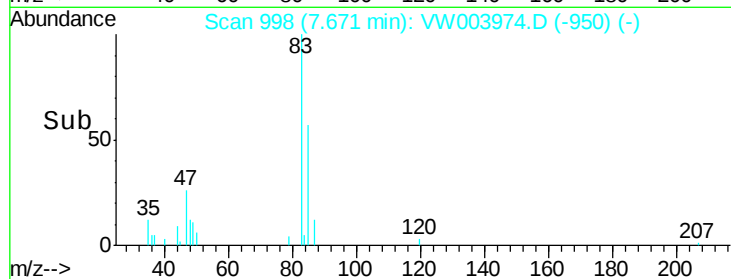
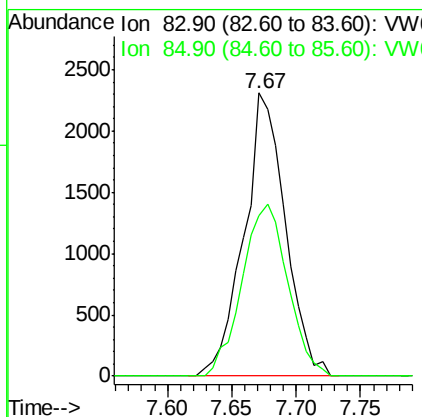
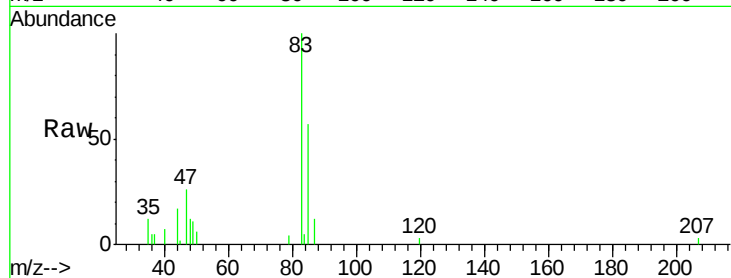




#30
Chloroform
Concen: 1.463 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

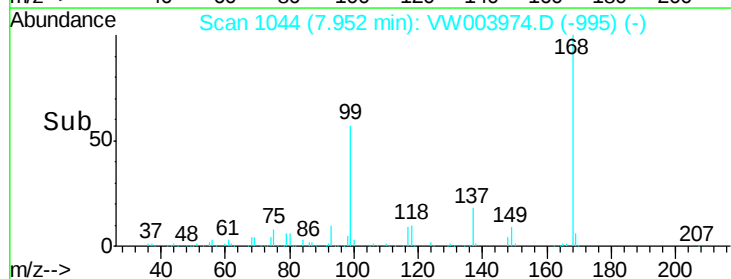
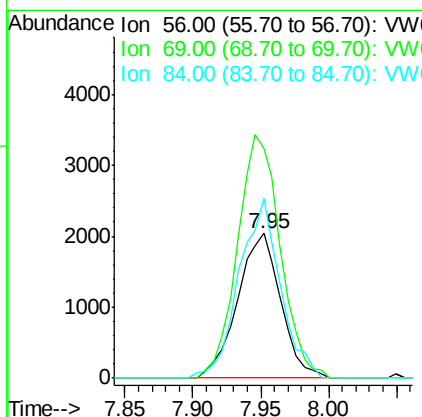
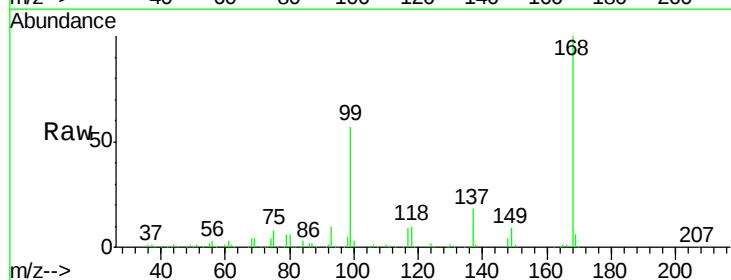
Instrument :
MSVOA_W
ClientSampled :

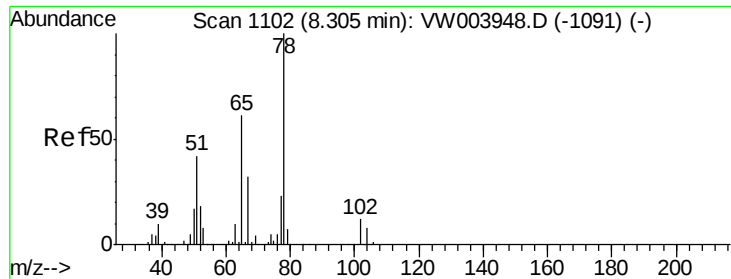
Tot Ion: 83 Resp: 5121
Ion Ratio Lower Upper
83 100
85 56.7 52.2 78.4



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

Tgt Ion: 56 Resp: 4510
Ion Ratio Lower Upper
56 100
69 158.9 27.8 41.8#
84 124.1 67.2 100.8#

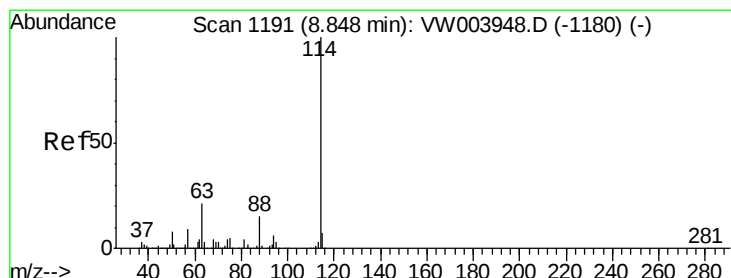
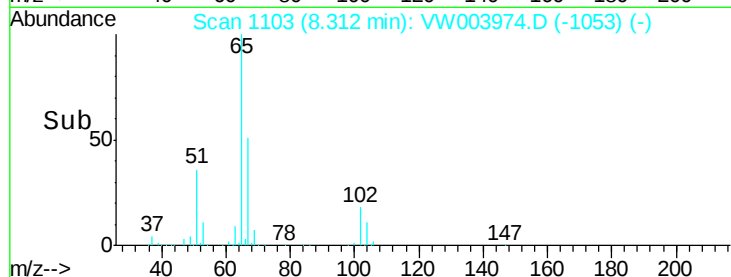
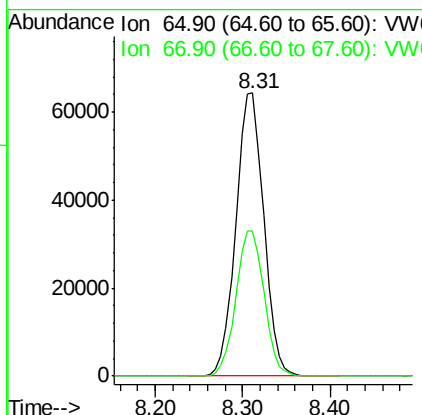
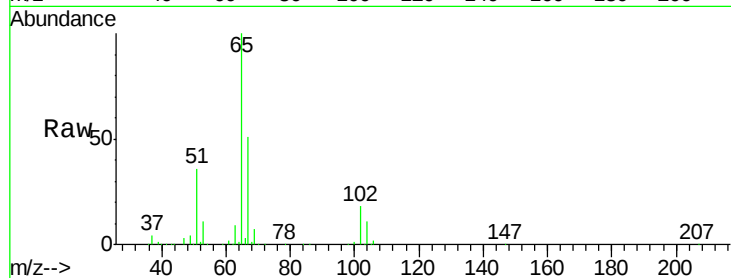




#33
 1,2-Dichloroethane-d4
 Concen: 71.892 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003974.D
 Acq: 17 Jul 2018 03:07

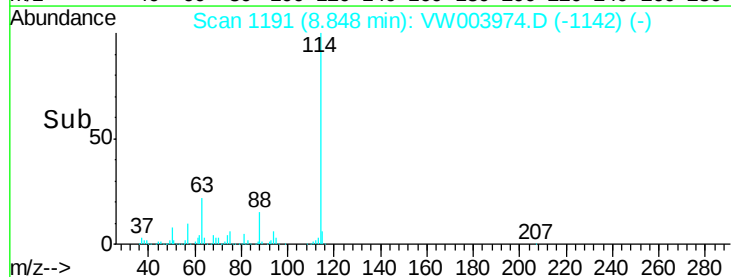
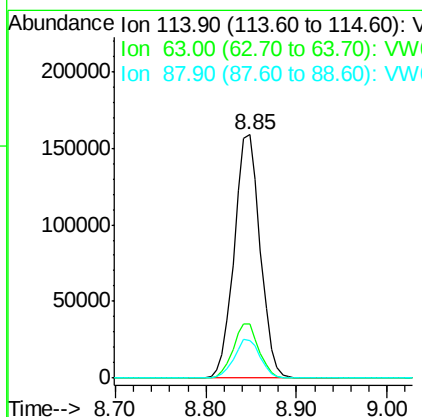
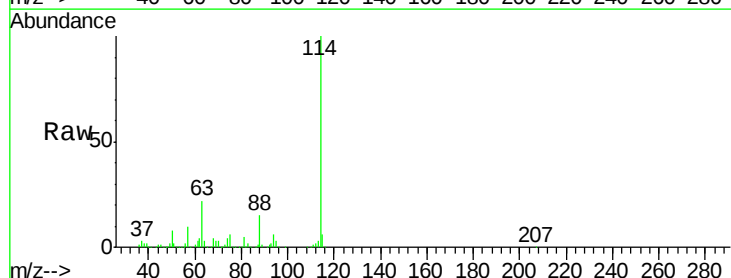
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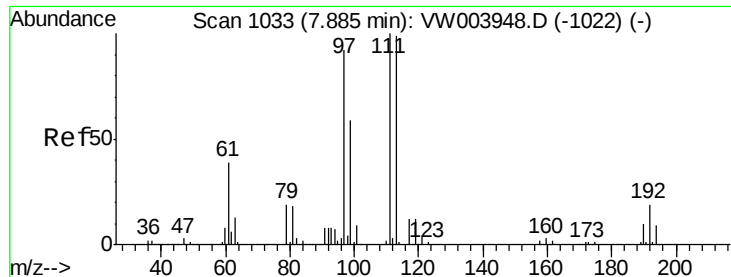
Tot Ion: 65 Resp: 142952
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003974.D
 Acq: 17 Jul 2018 03:07

Tgt Ion: 114 Resp: 314520
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.8
 88 15.4 0.0 30.4

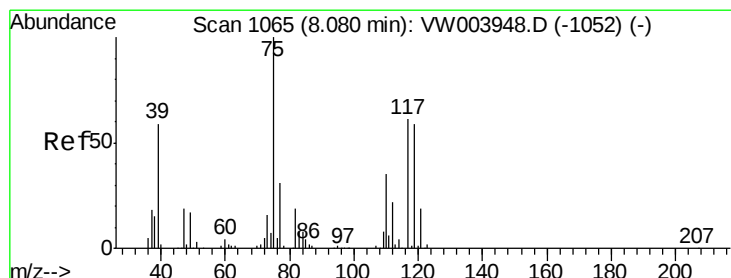
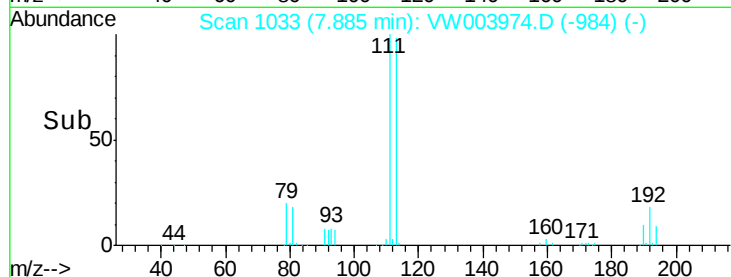
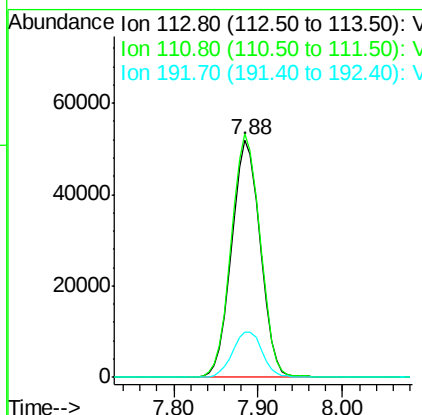
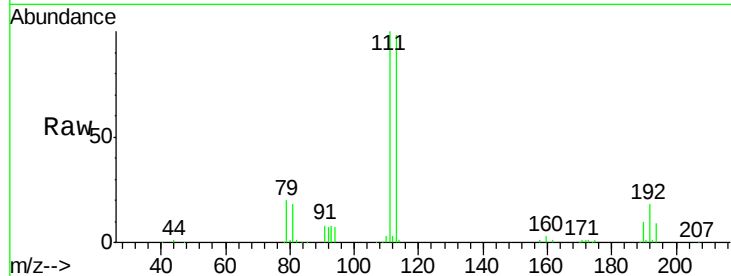




#35
Dibromofluoromethane
Concen: 59.138 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

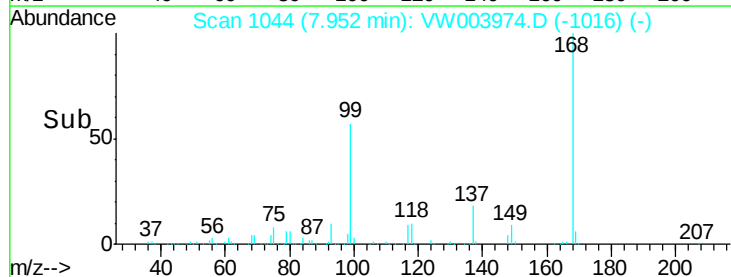
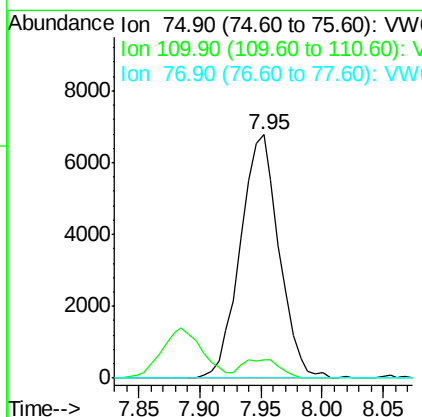
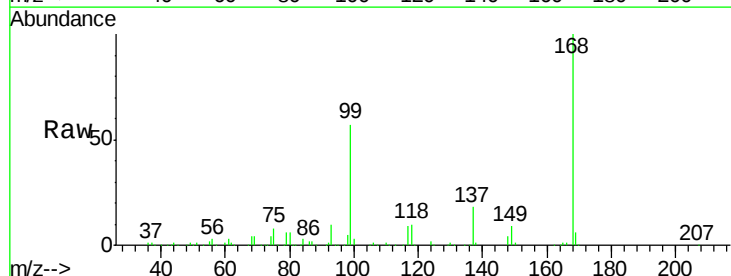
Instrument :
MSVOA_W
ClientSampleId :

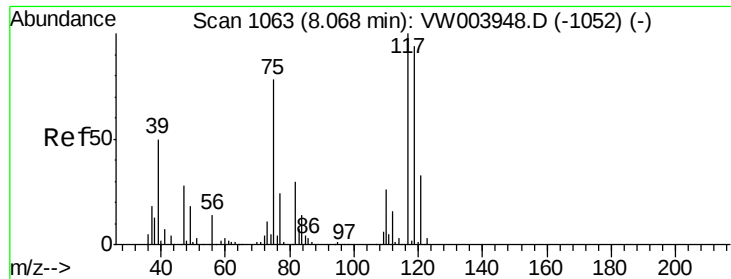
Tot Ion:113 Resp: 119343
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.8 15.8 23.6



#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

Tgt Ion: 75 Resp: 14908
Ion Ratio Lower Upper
75 100
110 7.7 17.0 51.0#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003974.D

Acq: 17 Jul 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

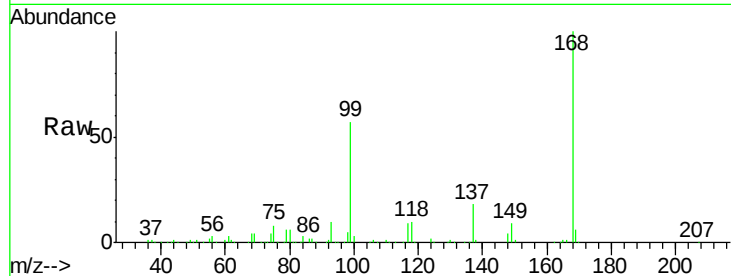
Tot Ion:117 Resp: 17994

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

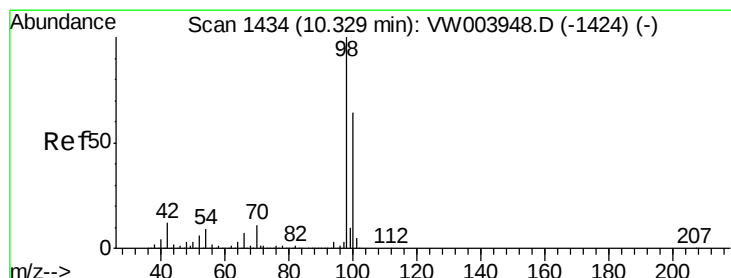
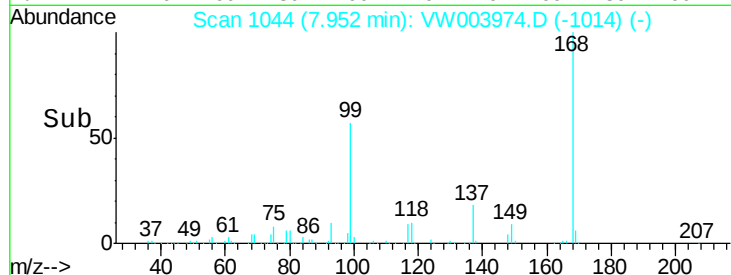
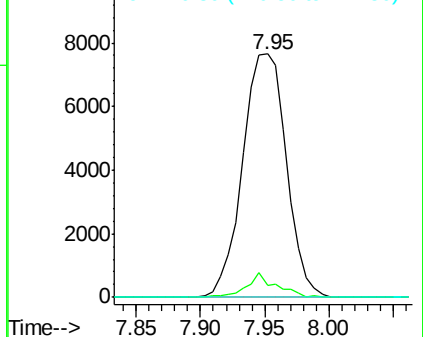
121 0.0 26.0 39.0#



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



#50

Toluene-d8

Concen: 37.677 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003974.D

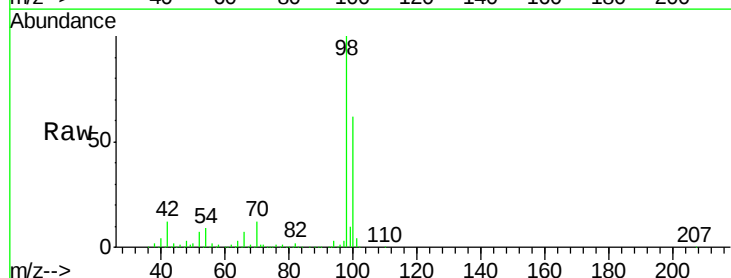
Acq: 17 Jul 2018 03:07

Tgt Ion: 98 Resp: 295028

Ion Ratio Lower Upper

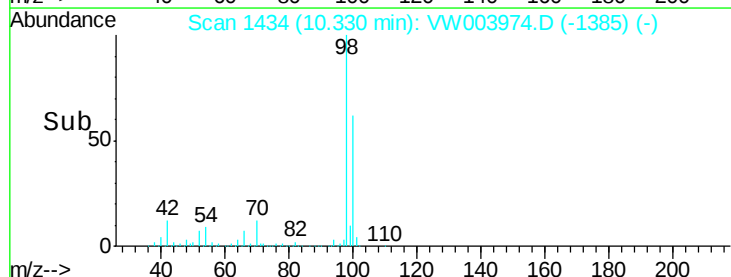
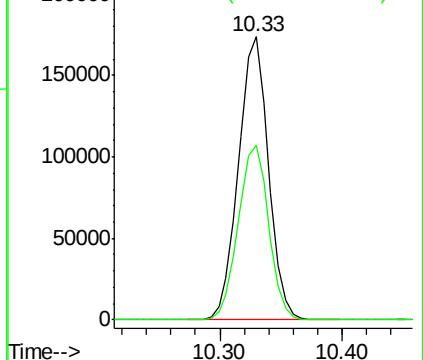
98 100

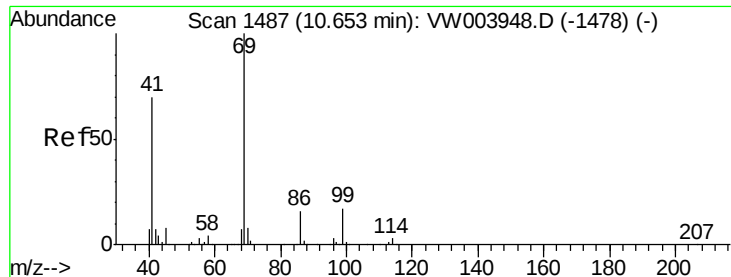
100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

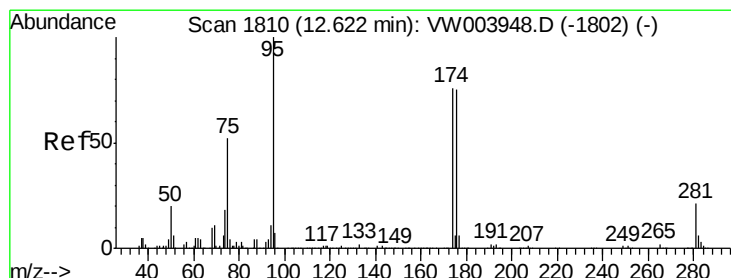
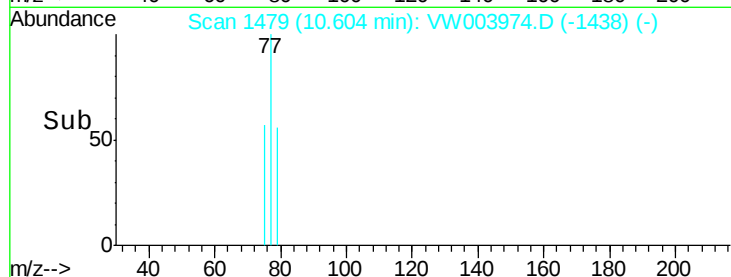
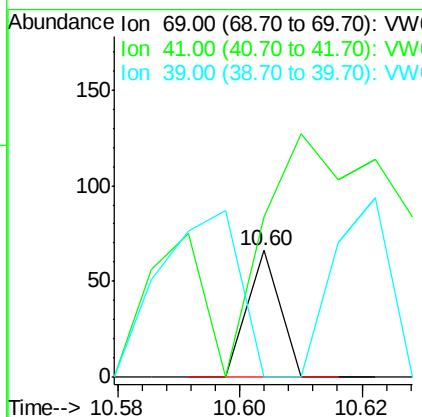
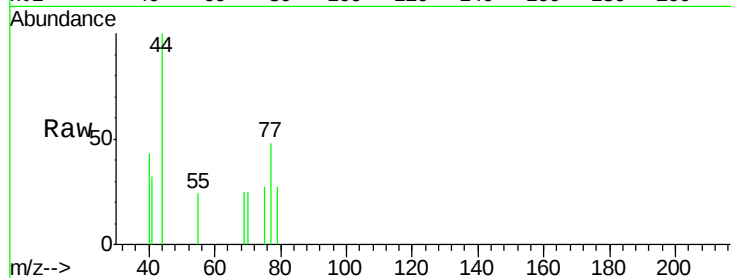




#56
Ethyl methacrylate
Concen: 2.955 ug/l
RT: 10.60 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

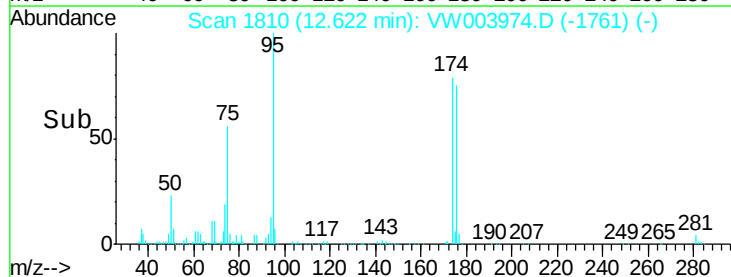
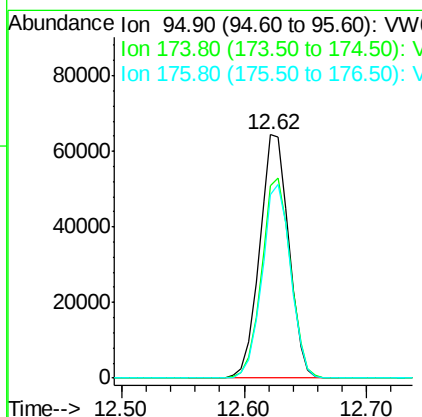
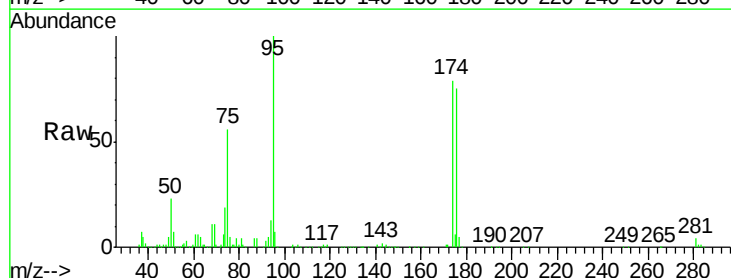
Instrument :
MSVOA_W
ClientSampleId :

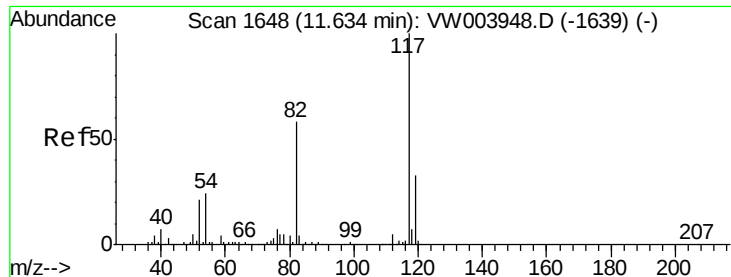
Tot Ion: 69 Resp: 24
Ion Ratio Lower Upper
69 100
41 1137.5 56.5 84.7#
39 325.0 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 38.006 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

Tgt Ion: 95 Resp: 107318
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.2
176 77.5 0.0 155.8

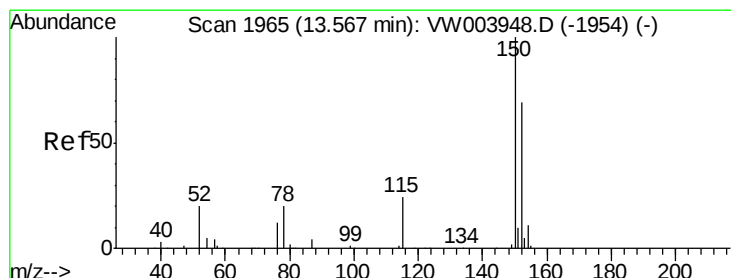
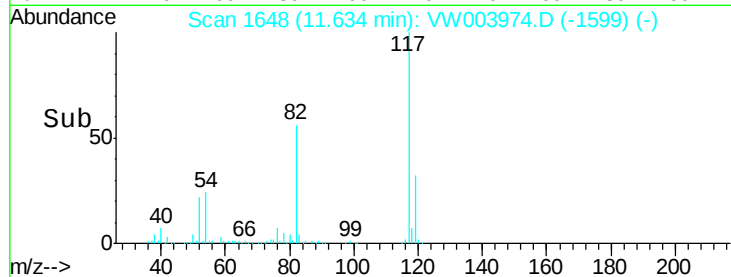
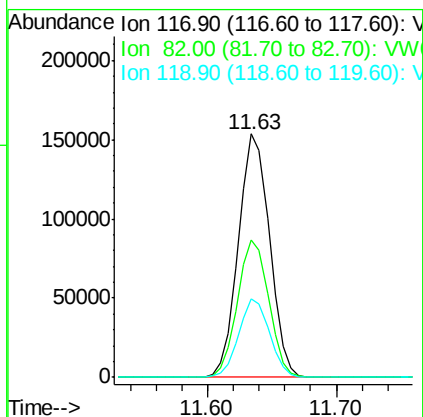
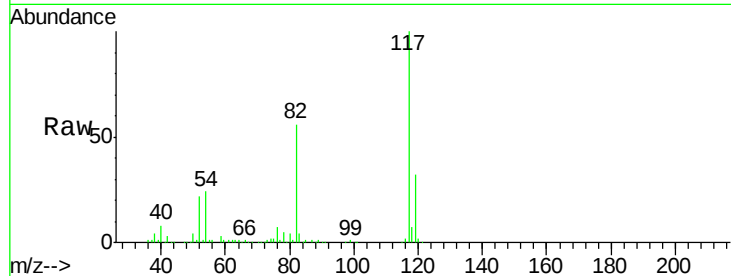




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

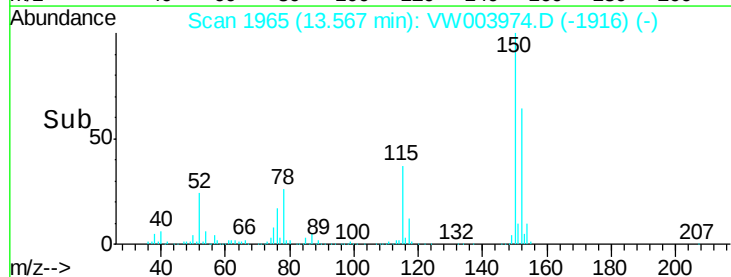
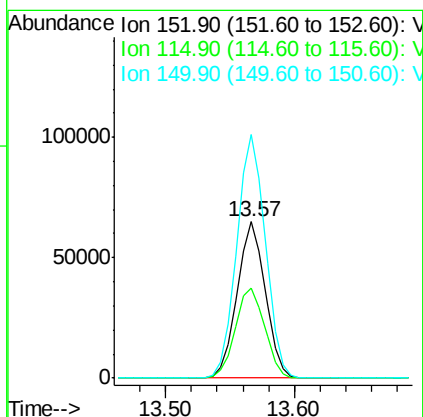
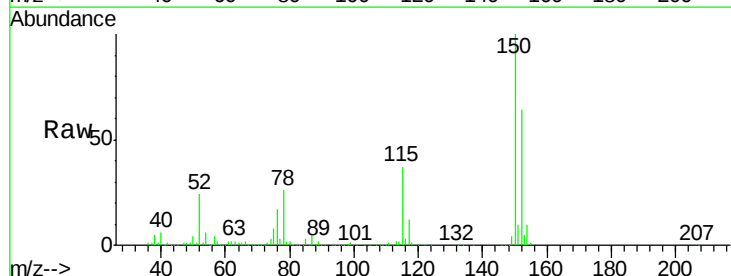
Instrument :
MSVOA_W
ClientSampleId :

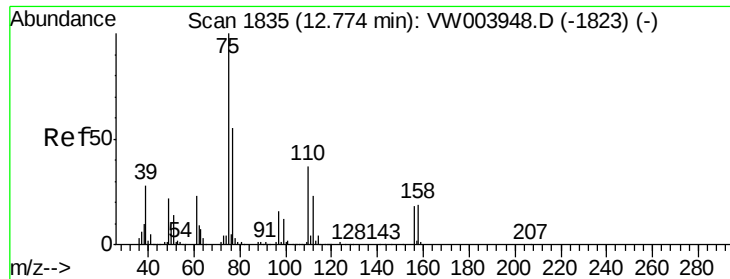
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.5	69.7
119	32.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003974.D
Acq: 17 Jul 2018 03:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.2	87.6
150	157.8	0.0	345.2

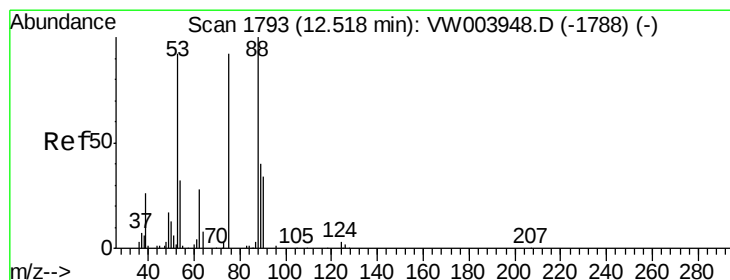
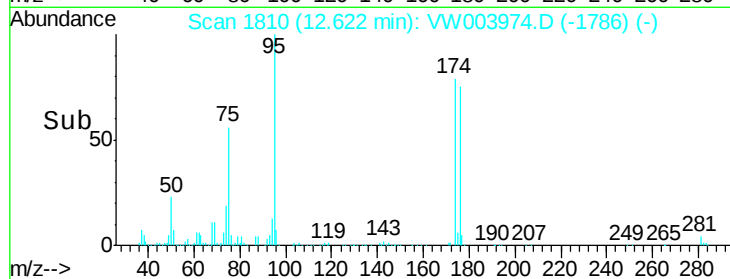
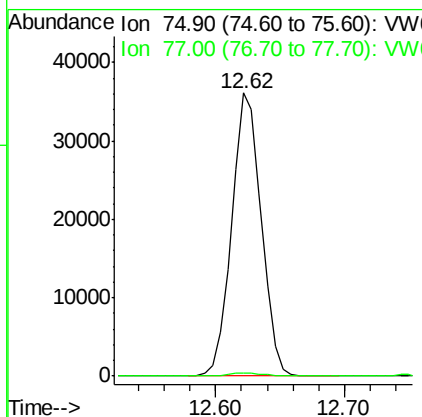
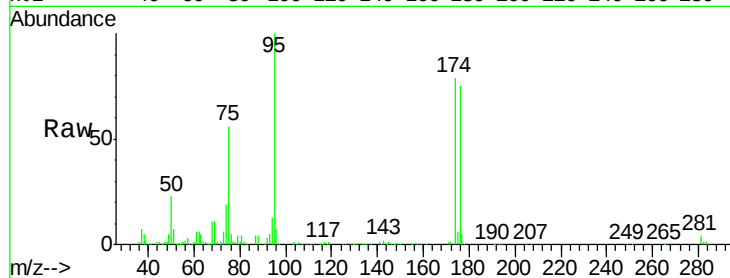




#76
 1,2,3-Trichloropropane
 Concen: 58.706 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003974.D
 Acq: 17 Jul 2018 03:07

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 57568
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.856 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003974.D
 Acq: 17 Jul 2018 03:07

Tgt Ion: 75 Resp: 57568
 Ion Ratio Lower Upper
 75 100
 53 0.5 77.6 116.4#
 89 0.0 36.6 54.8#

