

Data File : VW004760.D
Acq On : 18 Aug 2018 05:13
Operator : SY/AP
Sample : VW0819SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

Quant Time: Aug 18 06:30:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	542149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	905468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	881157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	428933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	303517	57.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.82%	
35) Dibromofluoromethane	7.88	113	294799	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.33	98	1074228	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.62	95	368133	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds

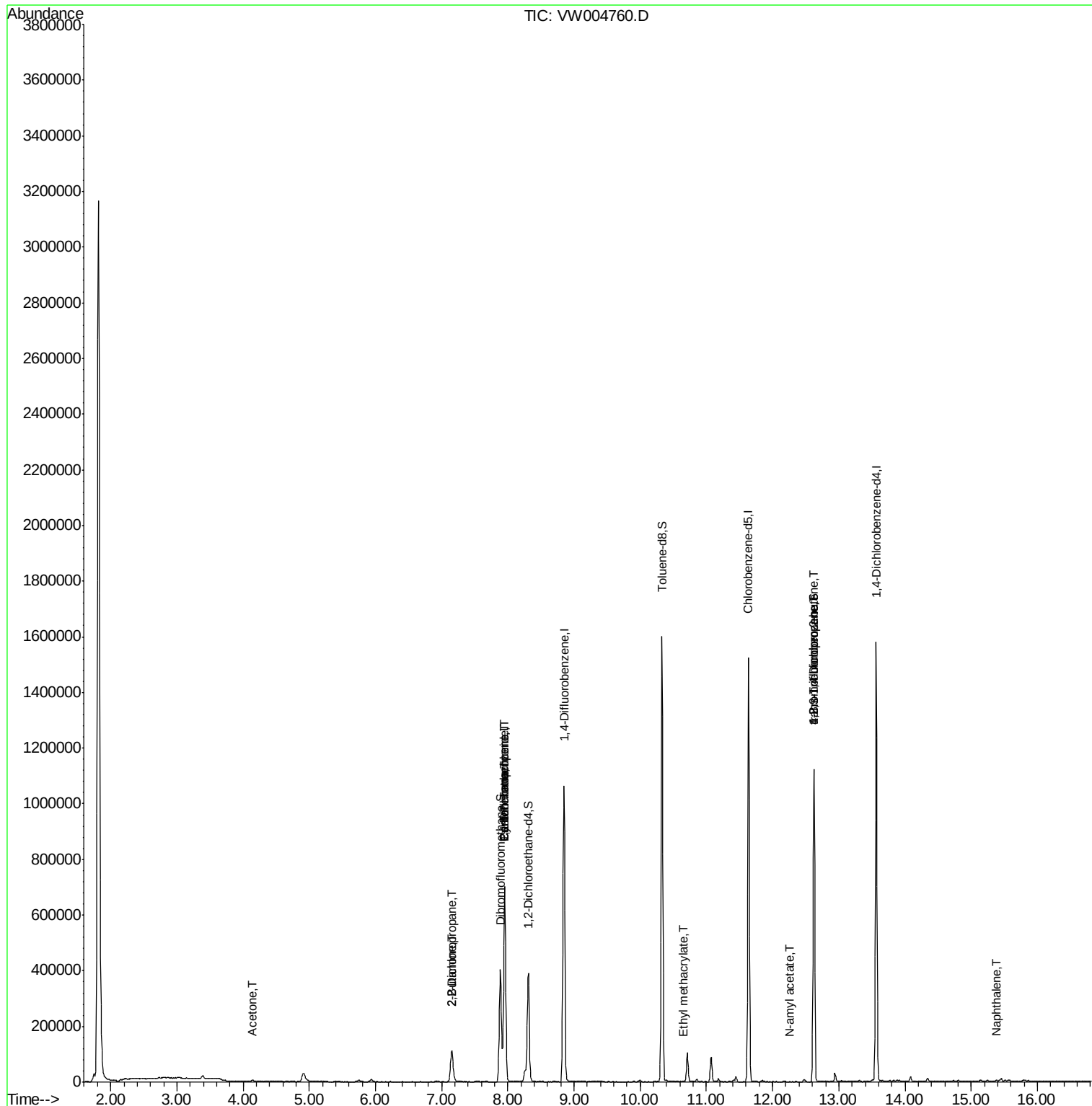
					Qvalue	
16) Acetone	4.14	43	8307	6.208	ug/l	95
20) Methylene Chloride	4.92	84	25861	Below	Cal	97
25) 2-Butanone	7.15	43	5797	3.041	ug/l #	75
26) 2,2-Dichloropropane	7.15	77	8118	1.327	ug/l #	50
31) Cyclohexane	7.95	56	10522	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	40063	4.295	ug/l #	48
38) Carbon Tetrachloride	7.95	117	51341	5.979	ug/l #	16
56) Ethyl methacrylate	10.66	69	69	2.991	ug/l #	1
74) N-amyl acetate	12.27	43	292	4.058	ug/l #	59
76) 1,2,3-Trichloropropane	12.62	75	174992	46.280	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	174992	107.568	ug/l #	14
95) Naphthalene	15.37	128	2099	3.618	ug/l	98

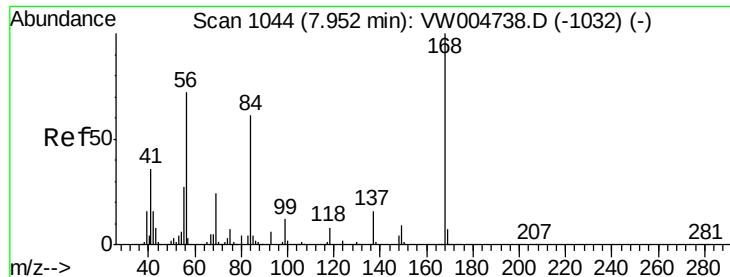
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004760.D

Acq: 18 Aug 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

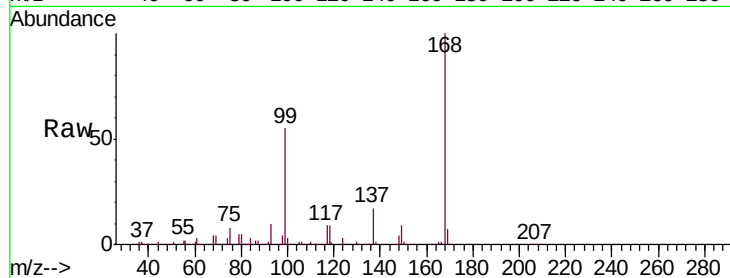
VW0819SBL02

Tgt Ion:168 Resp: 542149

Ion Ratio Lower Upper

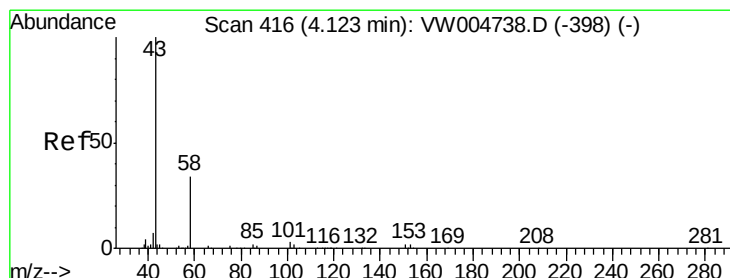
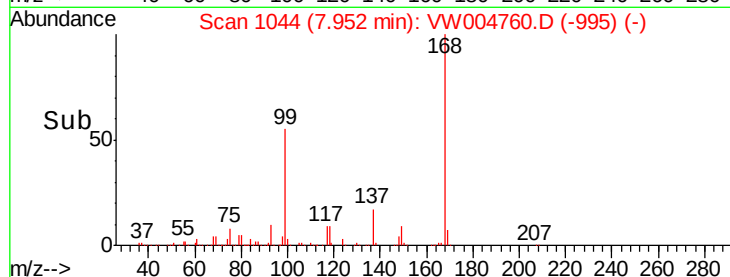
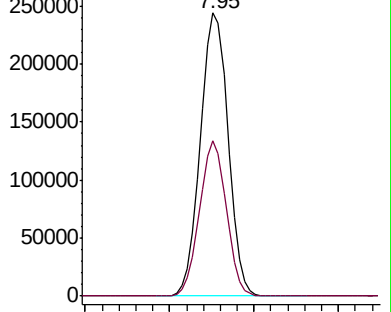
168 100

99 55.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.208 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004760.D

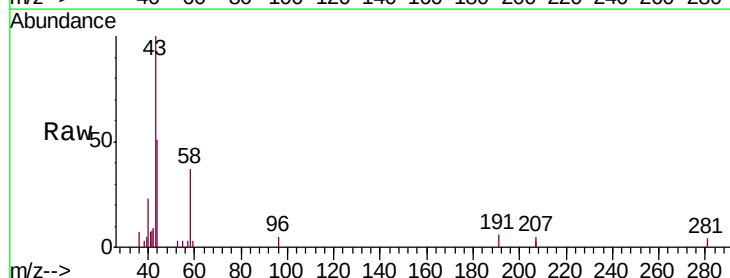
Acq: 18 Aug 2018 05:13

Tgt Ion: 43 Resp: 8307

Ion Ratio Lower Upper

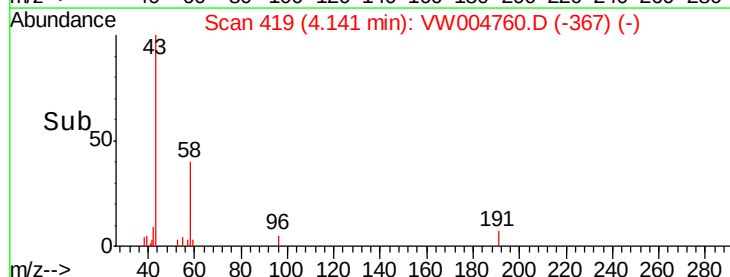
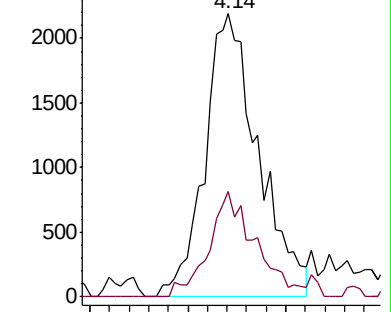
43 100

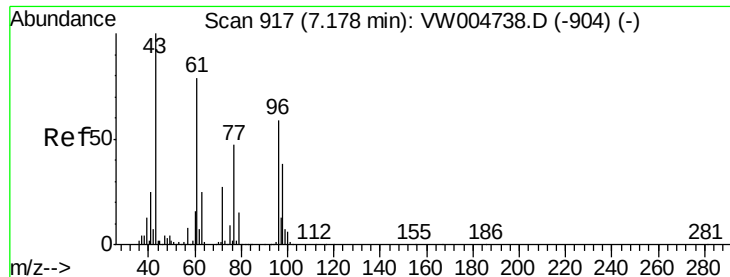
58 37.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

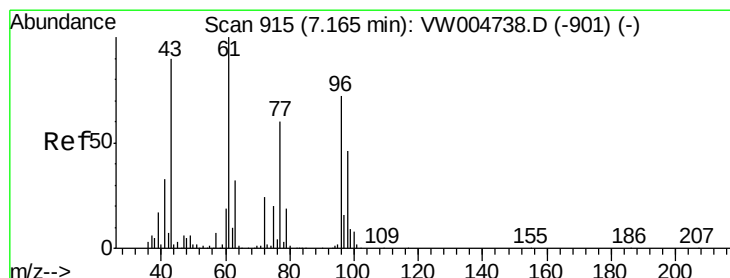
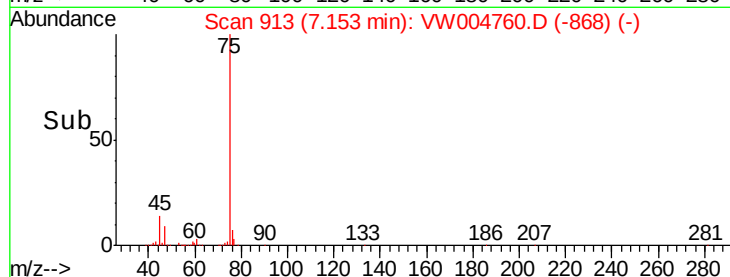
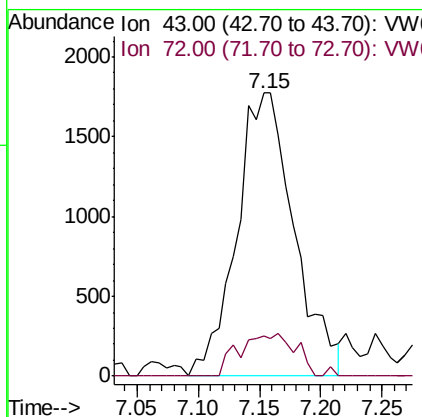
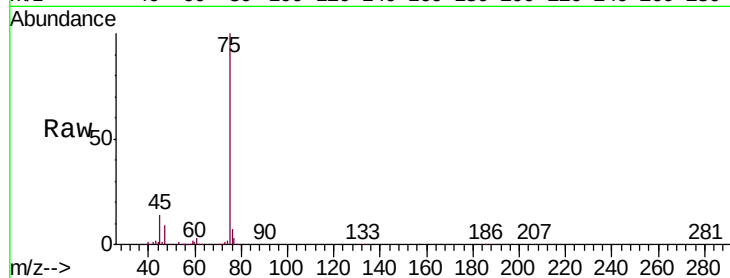




#25
 2-Butanone
 Concen: 3.041 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW004760.D
 Acq: 18 Aug 2018 05:13

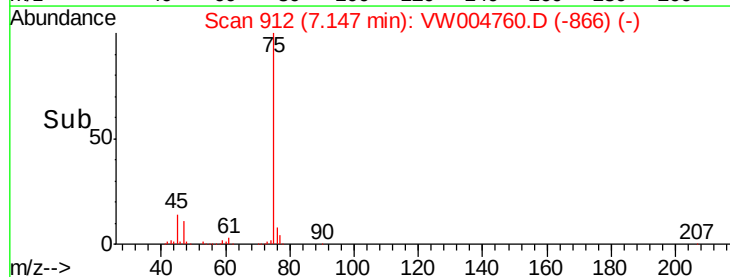
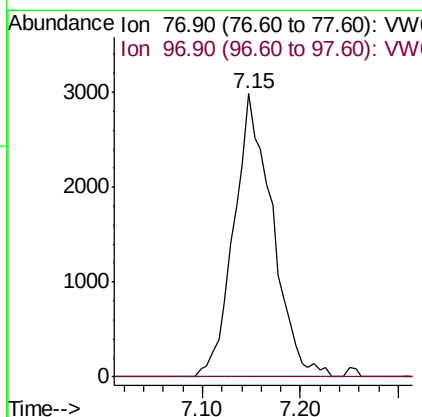
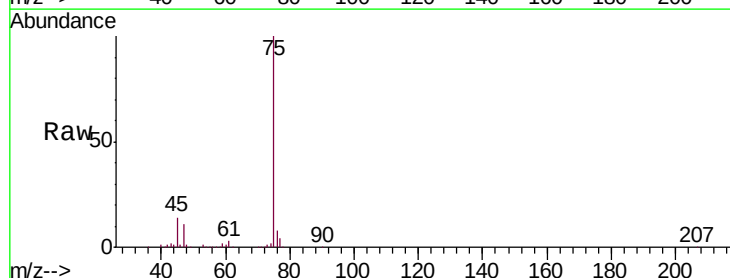
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBL02

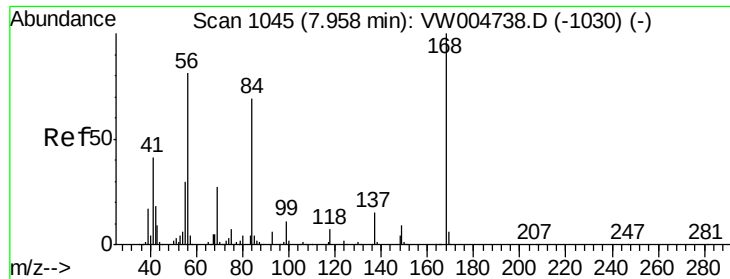
Tgt Ion: 43 Resp: 5797
 Ion Ratio Lower Upper
 43 100
 72 14.3 22.0 33.0#



#26
 2,2-Dichloropropane
 Concen: 1.327 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VW004760.D
 Acq: 18 Aug 2018 05:13

Tgt Ion: 77 Resp: 8118
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.6 37.8#

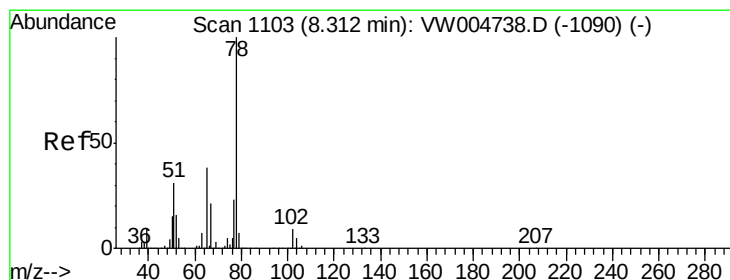
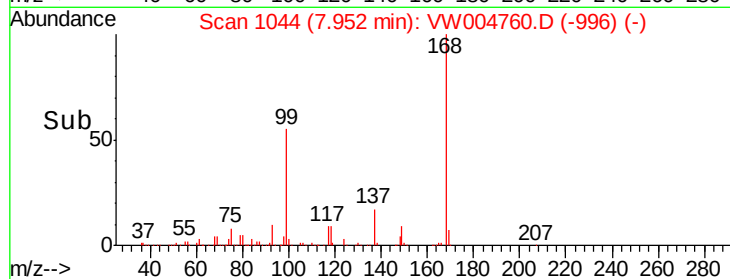
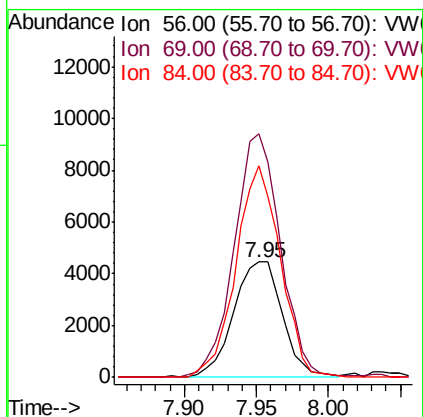
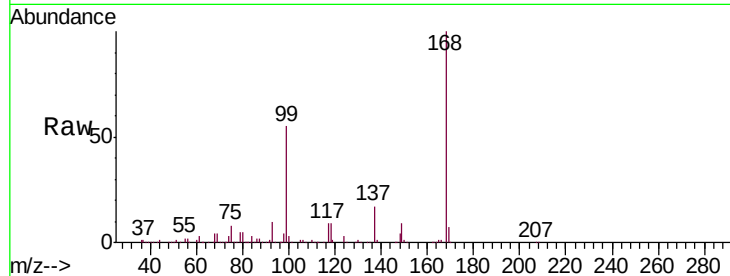




#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

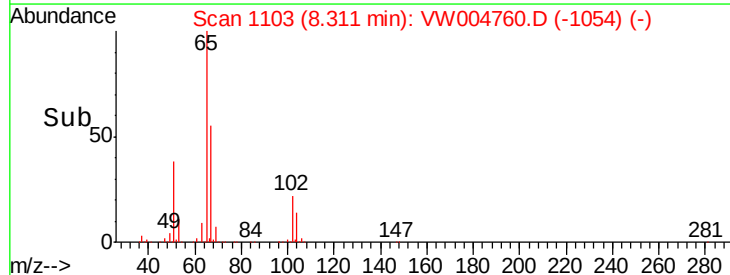
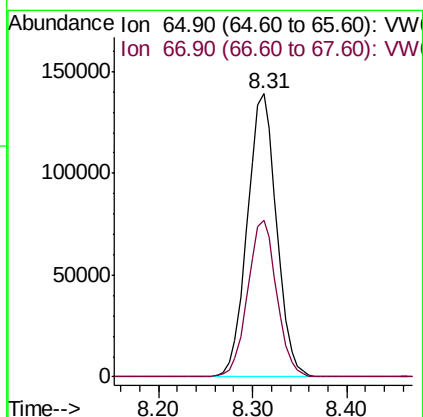
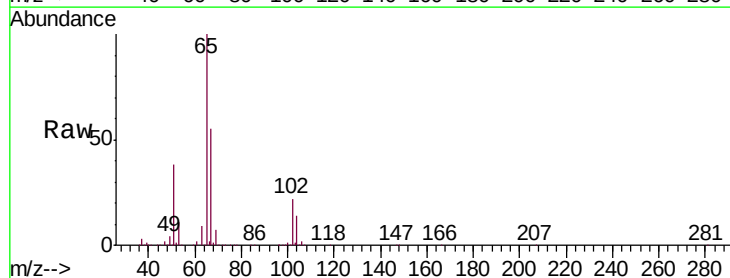
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

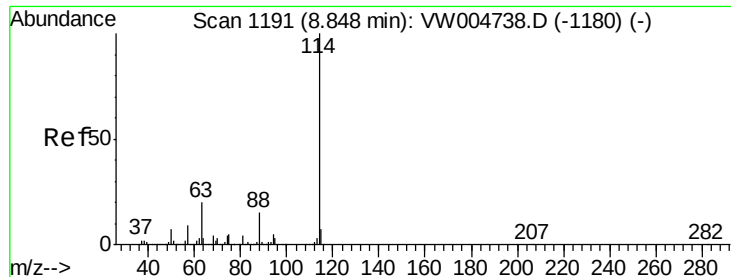
Tgt Ion: 56 Resp: 10522
Ion Ratio Lower Upper
56 100
69 209.8 27.1 40.7#
84 183.4 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 57.906 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

Tgt Ion: 65 Resp: 303517
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.4

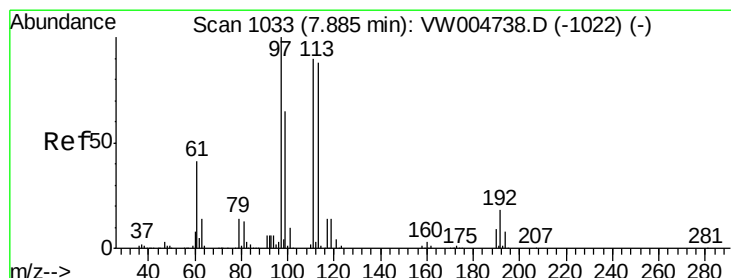
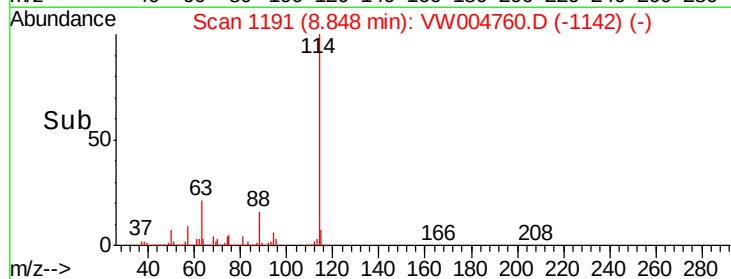
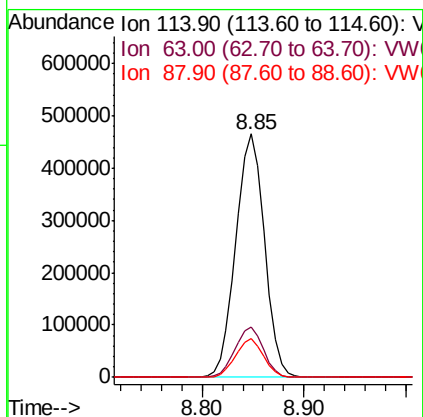
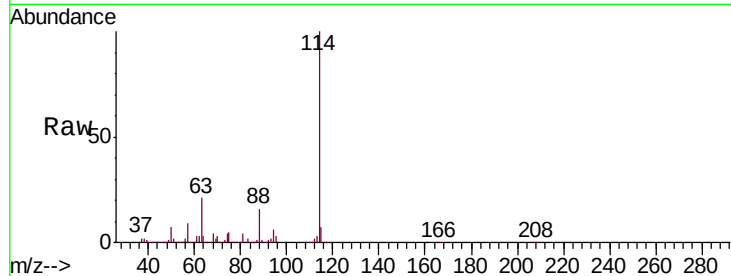




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004760.D
 Acq: 18 Aug 2018 05:13

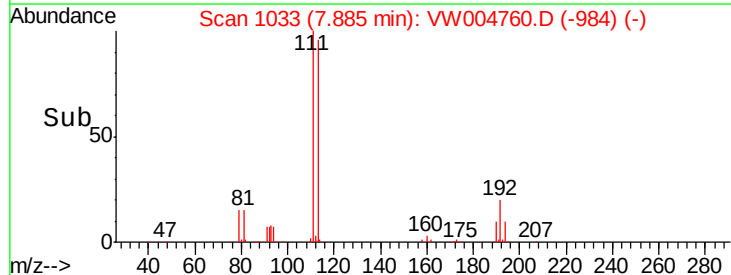
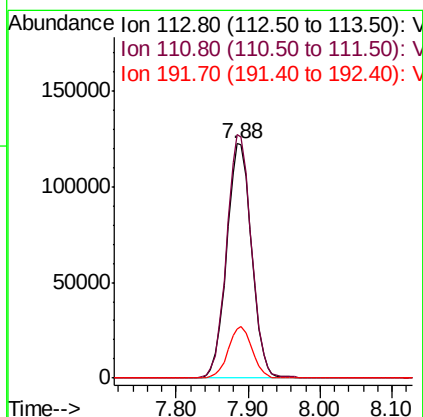
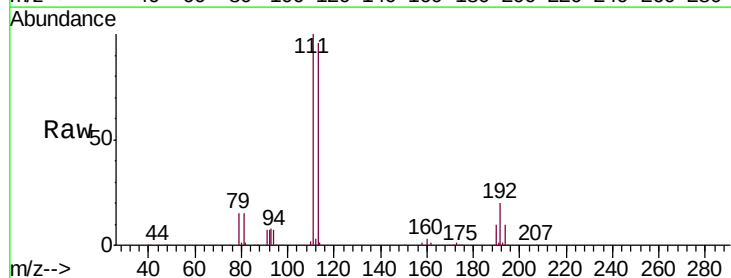
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBL02

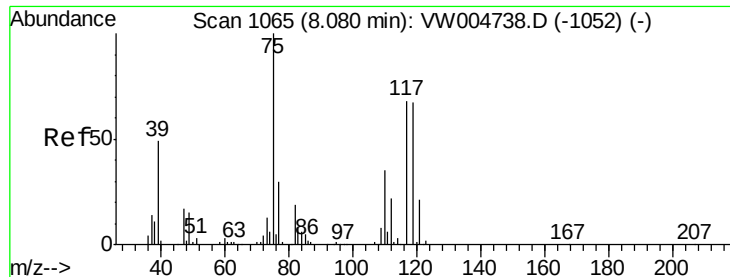
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.0
88	15.9	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 50.940 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004760.D
 Acq: 18 Aug 2018 05:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.3	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.295 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004760.D

Acq: 18 Aug 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBL02

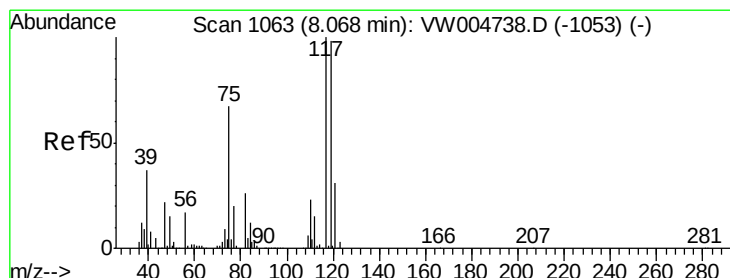
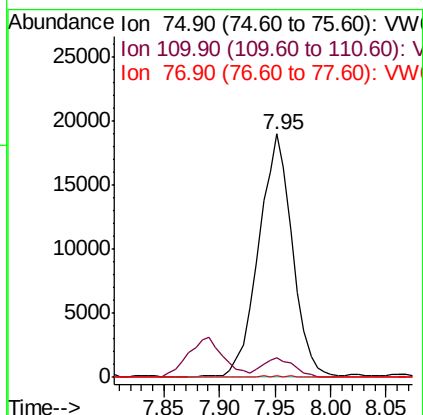
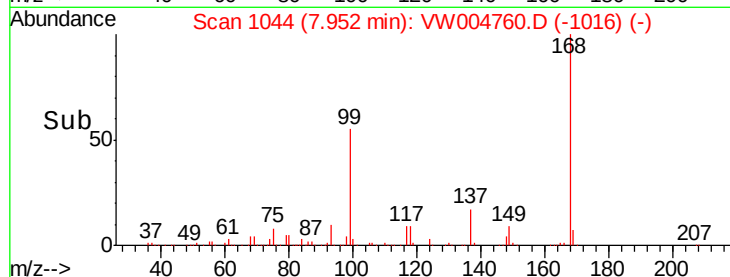
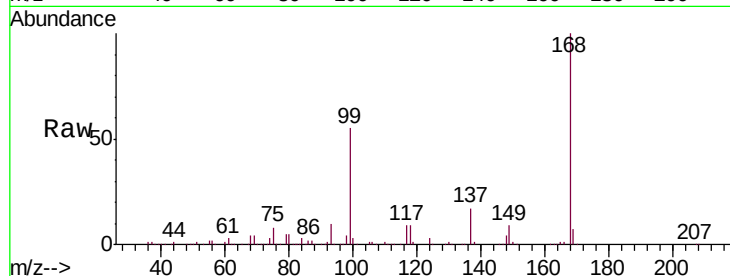
Tgt Ion: 75 Resp: 40063

Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.5#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.979 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004760.D

Acq: 18 Aug 2018 05:13

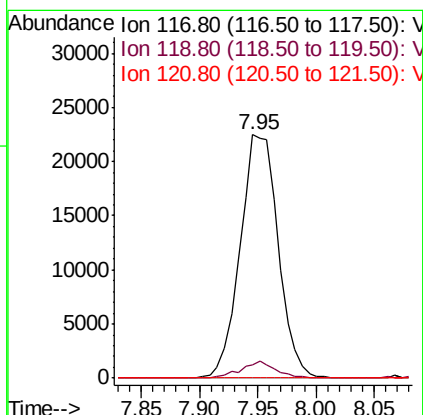
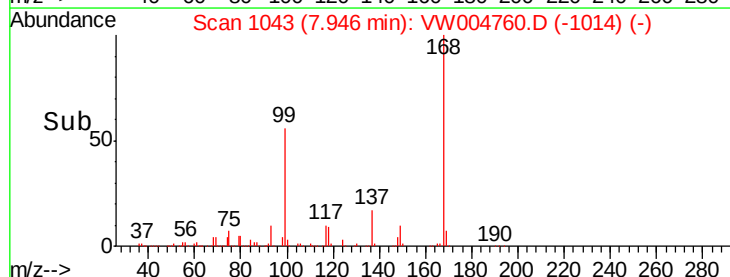
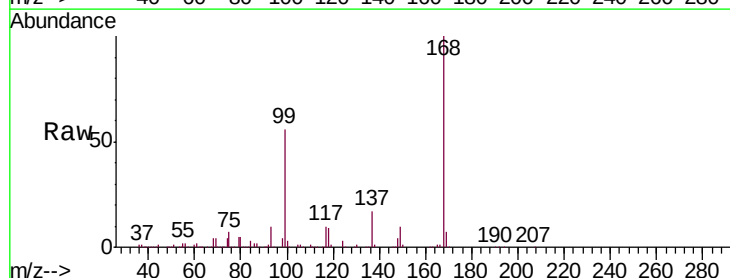
Tgt Ion: 117 Resp: 51341

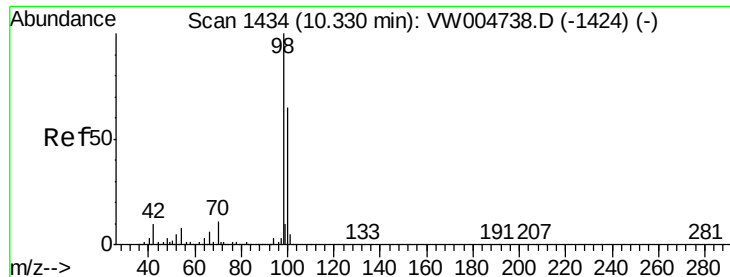
Ion Ratio Lower Upper

117 100

119 5.4 78.0 117.0#

121 0.0 24.8 37.2#

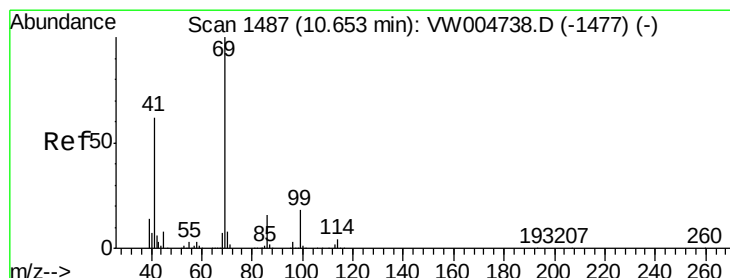
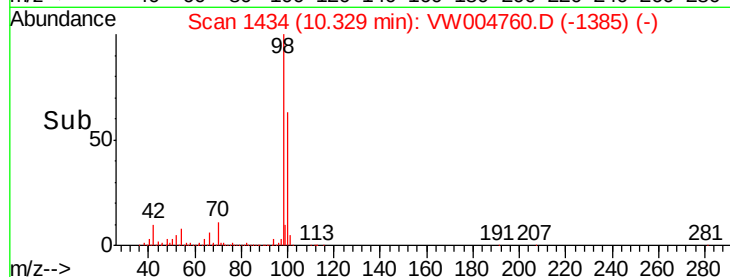
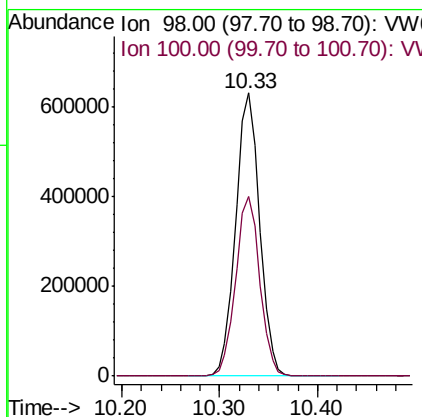
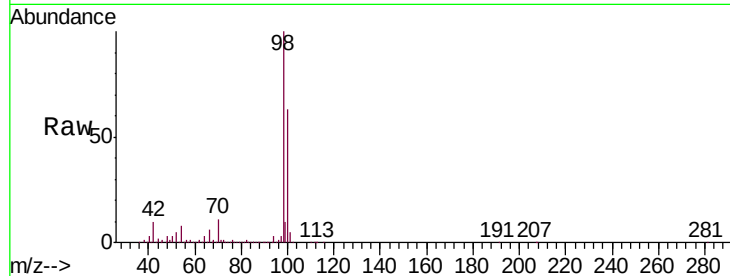




#50
Toluene-d8
Concen: 47.552 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

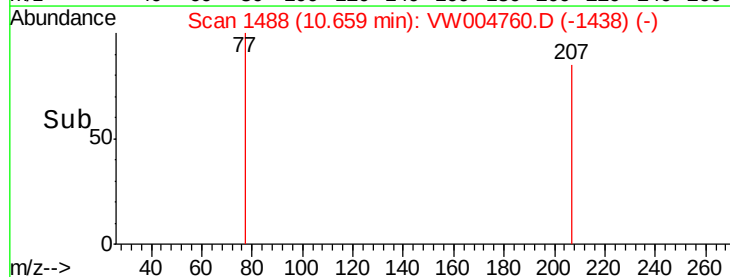
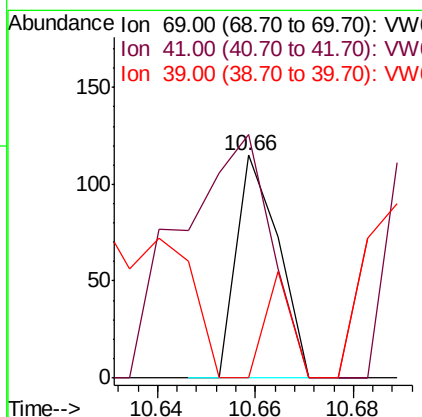
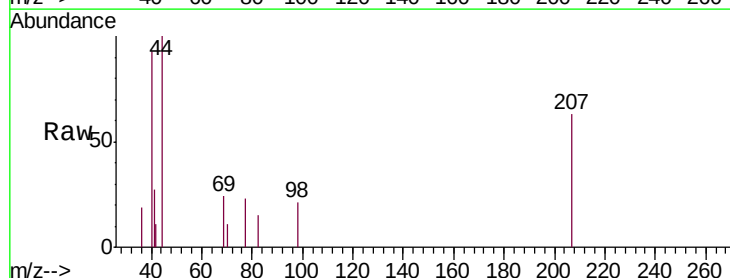
Instrument :
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VW0819SBL02

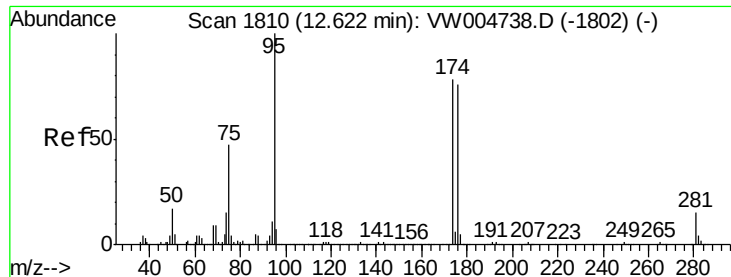
Tgt Ion: 98 Resp: 1074228
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8



#56
Ethyl methacrylate
Concen: 2.991 ug/l
RT: 10.66 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

Tgt Ion: 69 Resp: 69
Ion Ratio Lower Upper
69 100
41 233.3 50.7 76.1#
39 29.0 21.4 32.2

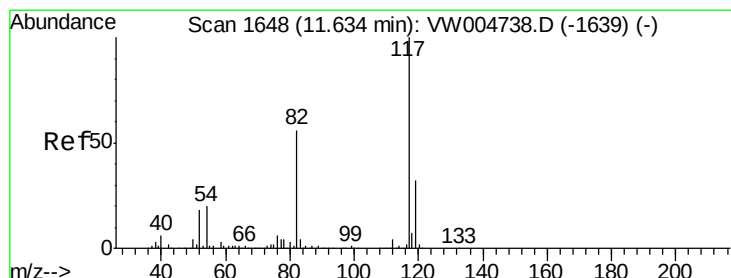
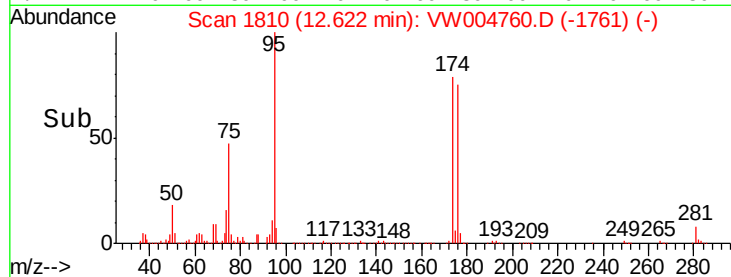
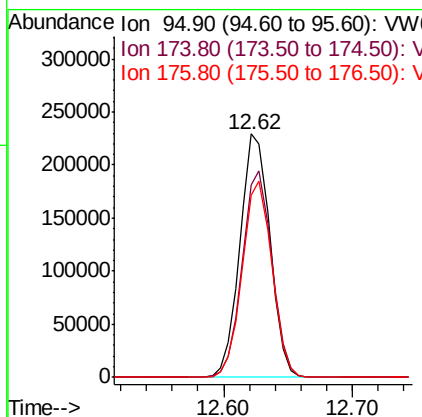
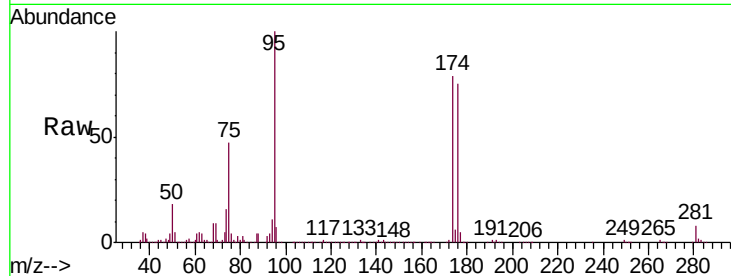




#62
4-Bromofluorobenzene
Concen: 45.296 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

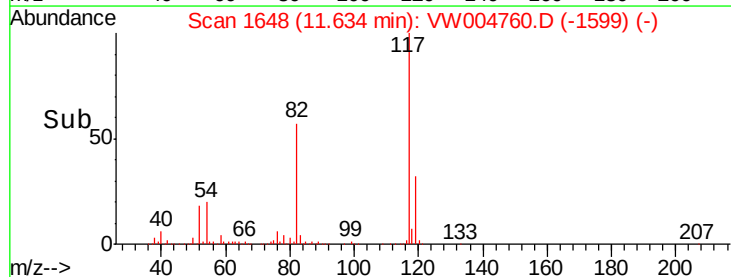
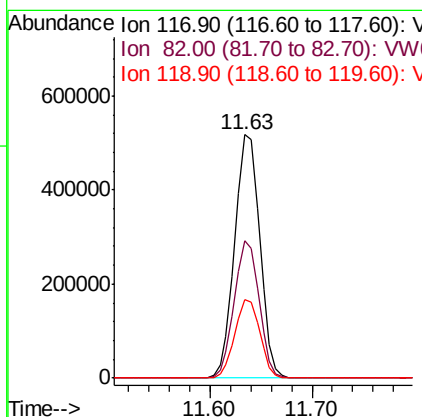
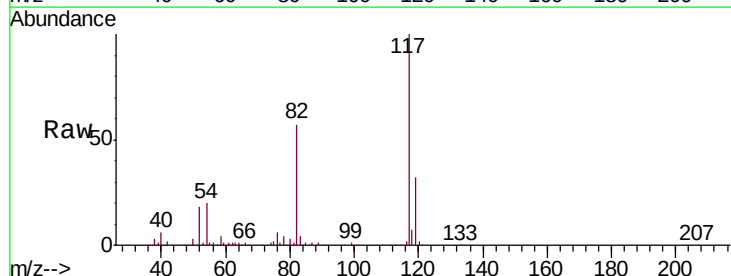
Instrument :
MSVOA_W
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VW0819SBL02

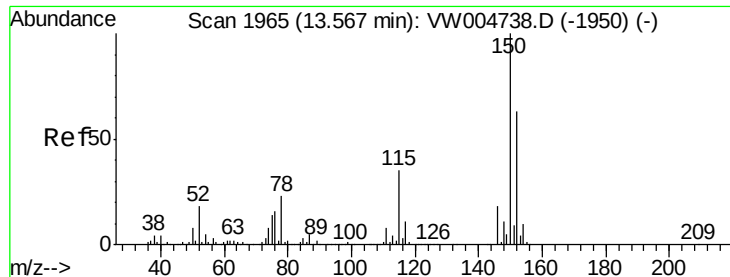
Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	79.8	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	67.0
119	32.1	25.6	38.4



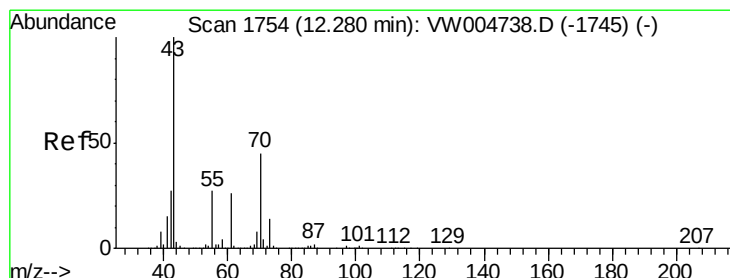
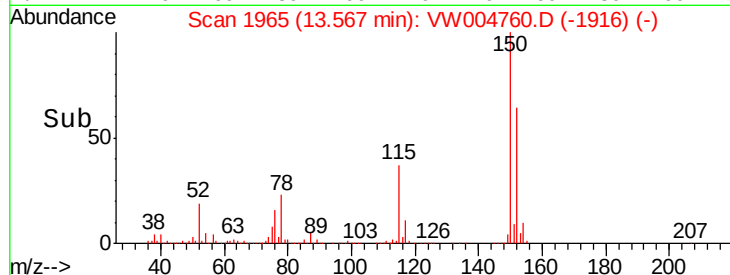
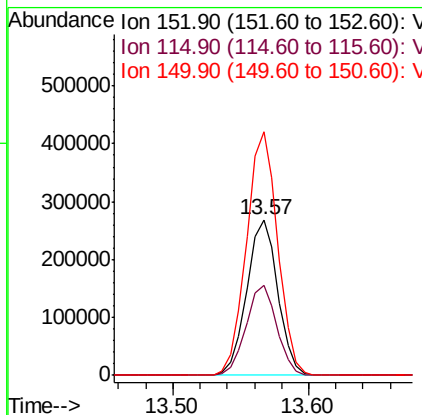
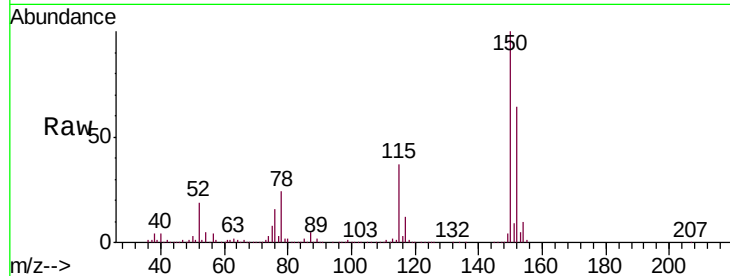


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

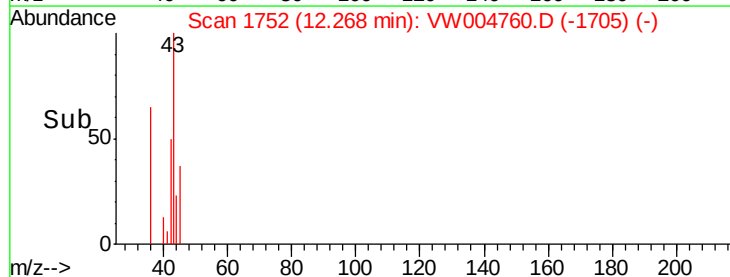
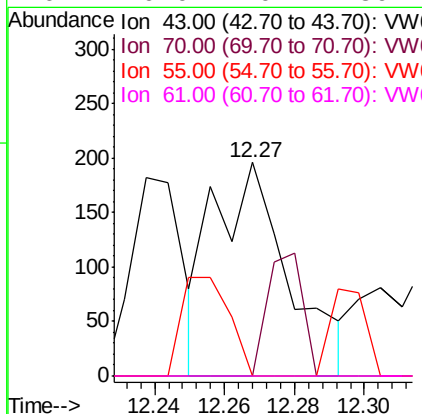
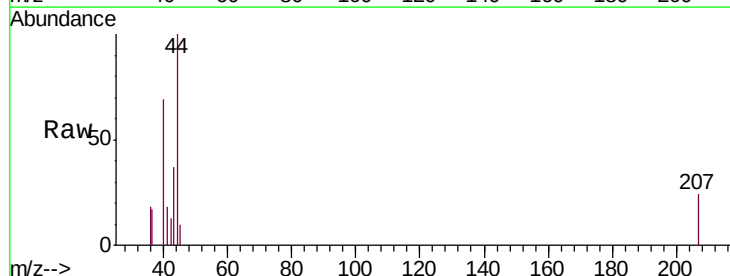
Tgt Ion:152 Resp: 428933
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.5
150 157.6 0.0 344.8

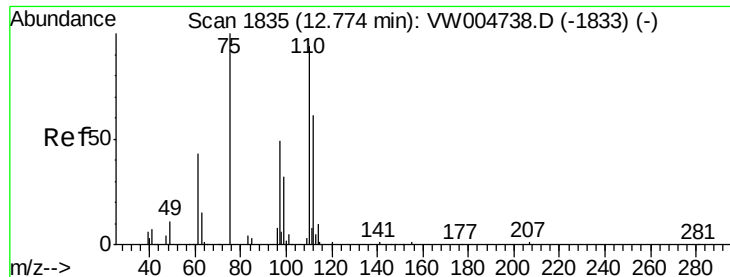


#74

N-ethyl acetate
Concen: 4.058 ug/l
RT: 12.27 min Scan# 1752
Delta R.T. -0.01 min
Lab File: VW004760.D
Acq: 18 Aug 2018 05:13

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
70 27.4 36.3 54.5#
55 0.0 22.6 33.8#
61 0.0 20.2 30.4#





#76

1,2,3-Trichloropropane

Concen: 46.280 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004760.D

Acq: 18 Aug 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

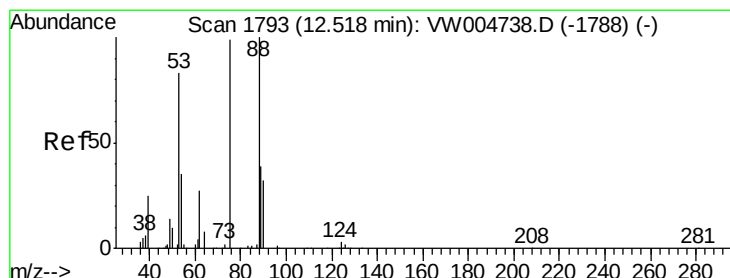
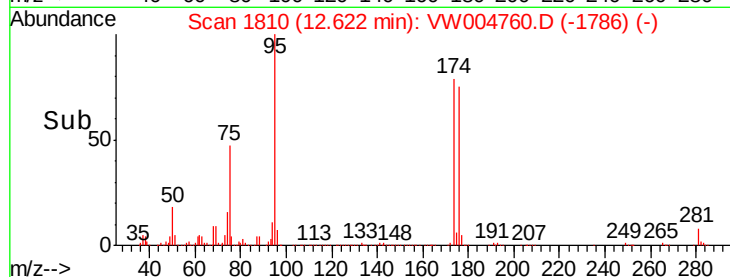
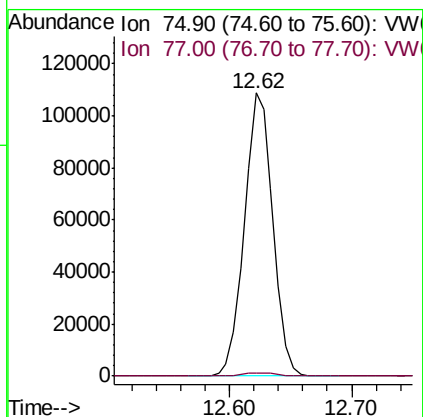
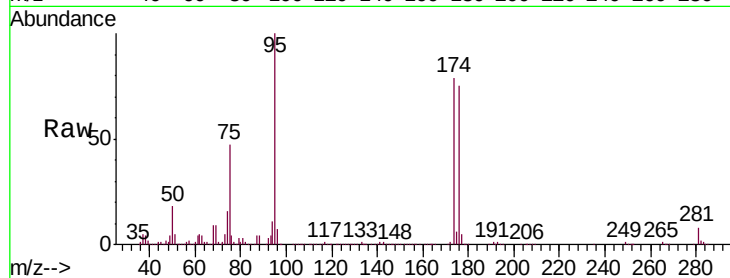
VW0819SBL02

Tgt Ion: 75 Resp: 174992

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.568 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004760.D

Acq: 18 Aug 2018 05:13

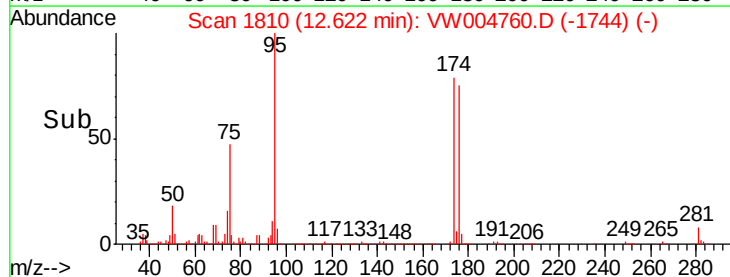
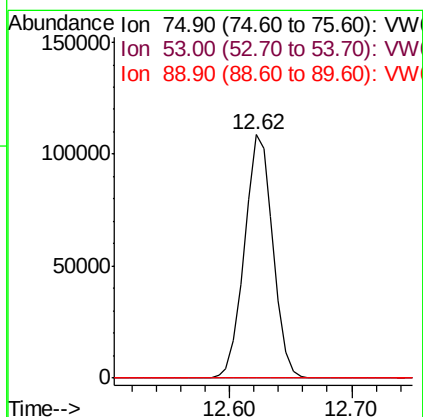
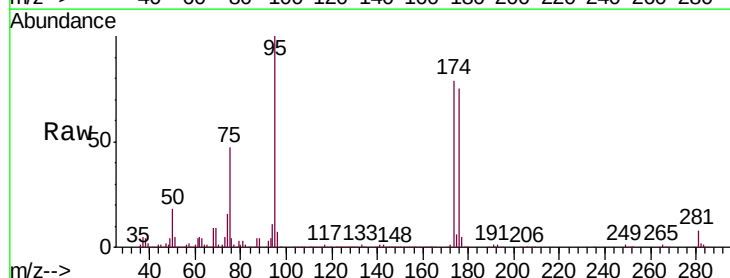
Tgt Ion: 75 Resp: 174992

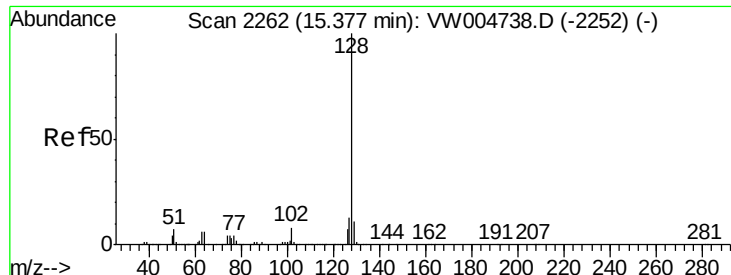
Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 3.618 ug/l

RT: 15.37 min Scan# 2261

Delta R.T. -0.01 min

Lab File: VW004760.D

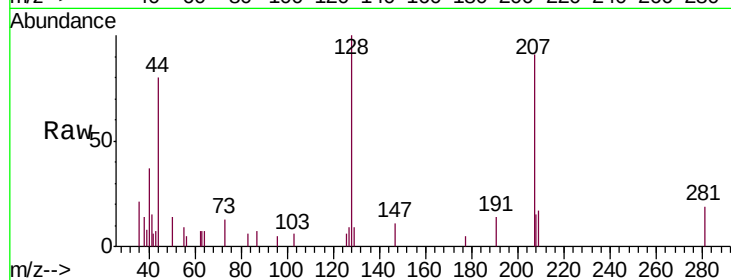
Acq: 18 Aug 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBL02



Tgt Ion:128 Resp: 2099

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 9.6 8.6 13.0

