

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003999.D
 Acq On : 17 Jul 2018 21:23
 Operator : VA/AP
 Sample : J3832-03
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-071618

Quant Time: Jul 18 04:52:01 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	137912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	242527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82158	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	110471	71.66	ug/l	0.00
Spiked Amount			Recovery	=	143.32%	
35) Dibromofluoromethane	7.88	113	87860	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
50) Toluene-d8	10.33	98	220665	36.55	ug/l	0.00
Spiked Amount			Recovery	=	73.10%	
62) 4-Bromofluorobenzene	12.62	95	77006	35.37	ug/l	0.00
Spiked Amount			Recovery	=	70.74%	

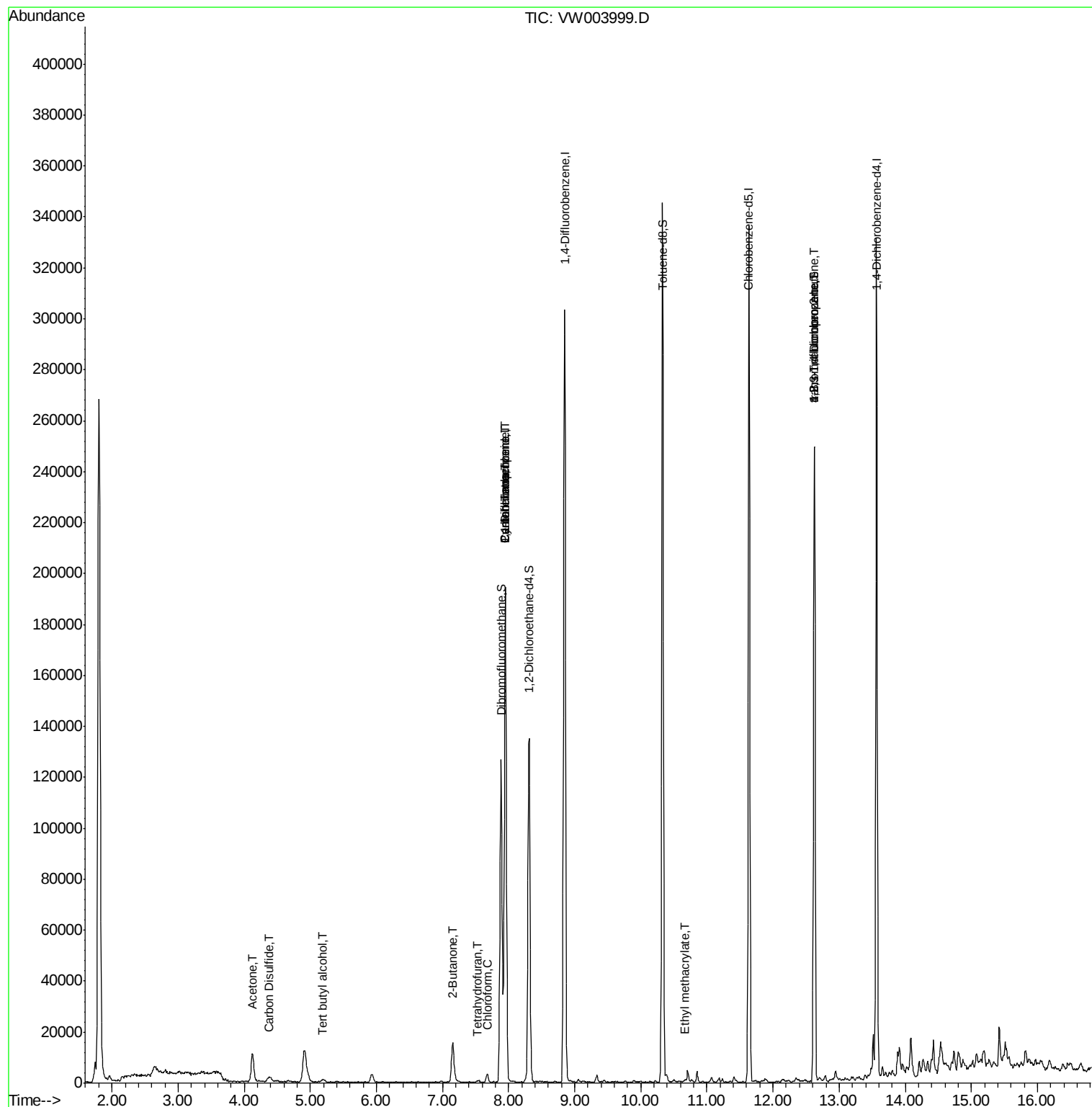
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	1854	17.422	ug/l #	72
16) Acetone	4.13	43	19938	53.822	ug/l	95
17) Carbon Disulfide	4.37	76	4416	1.056	ug/l	97
20) Methylene Chloride	4.90	84	11766	Below Cal		97
25) 2-Butanone	7.15	43	740	1.484	ug/l #	82
29) Tetrahydrofuran	7.53	42	477	1.536	ug/l #	40
30) Chloroform	7.68	83	2828	1.042	ug/l #	80
31) Cyclohexane	7.95	56	4025	1.574	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12089	4.845	ug/l #	49
38) Carbon Tetrachloride	7.95	117	13874	5.951	ug/l #	17
56) Ethyl methacrylate	10.67	69	57	2.975	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	40824	50.051	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40824	110.713	ug/l #	11

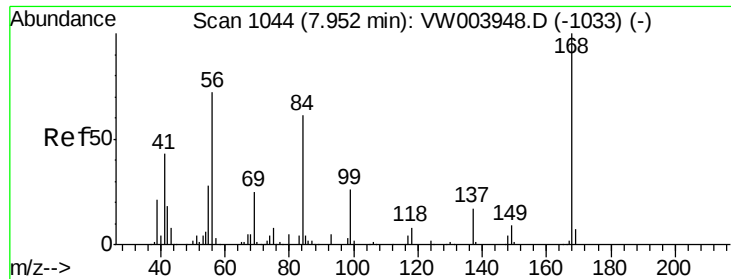
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
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: VW003999.D

Acq: 17 Jul 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

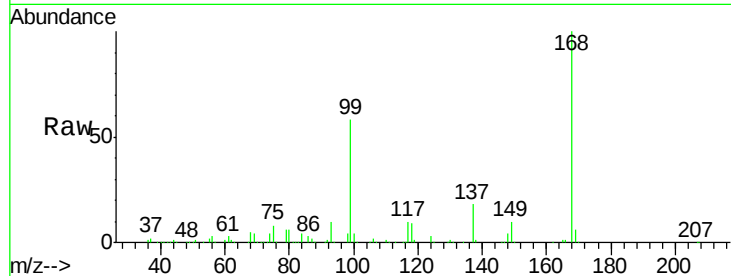
TR-04-071618

Tot Ion:168 Resp: 137912

Ion Ratio Lower Upper

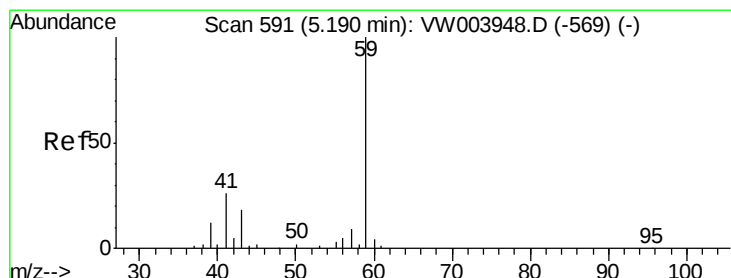
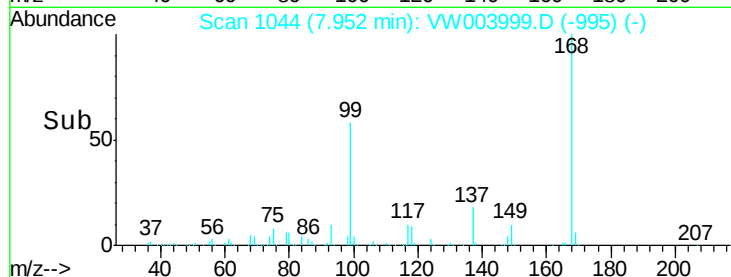
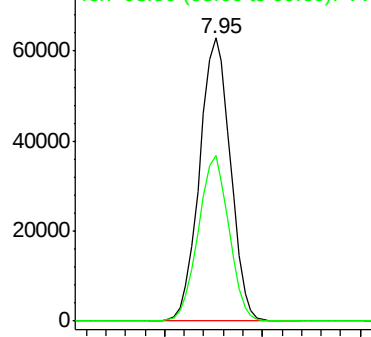
168 100

99 58.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.422 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW003999.D

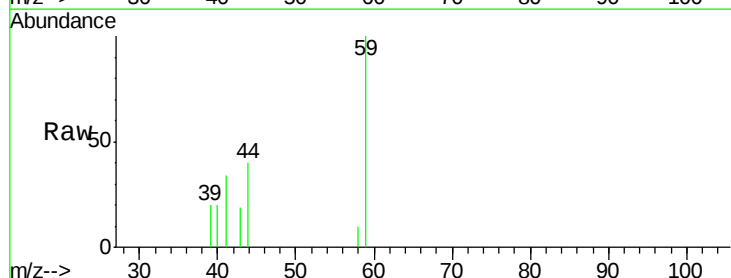
Acq: 17 Jul 2018 21:23

Tgt Ion: 59 Resp: 1854

Ion Ratio Lower Upper

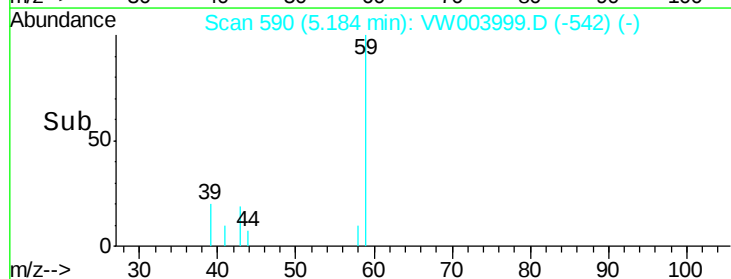
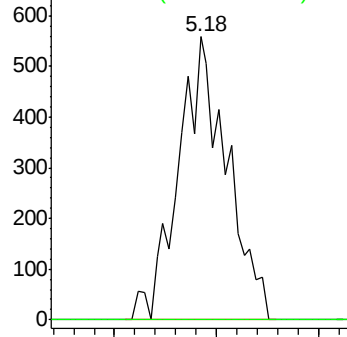
59 100

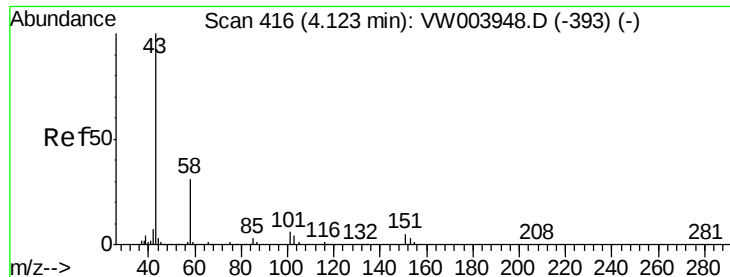
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 53.822 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003999.D

Acq: 17 Jul 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

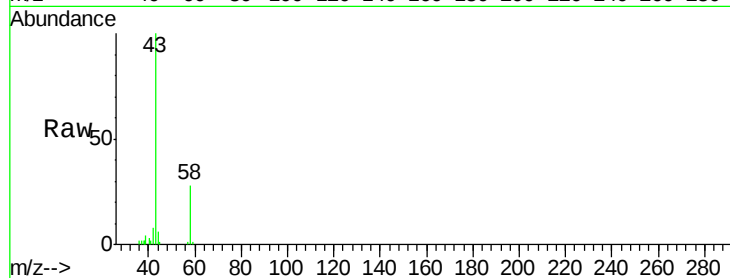
TR-04-071618

Tot Ion: 43 Resp: 19938

Ion Ratio Lower Upper

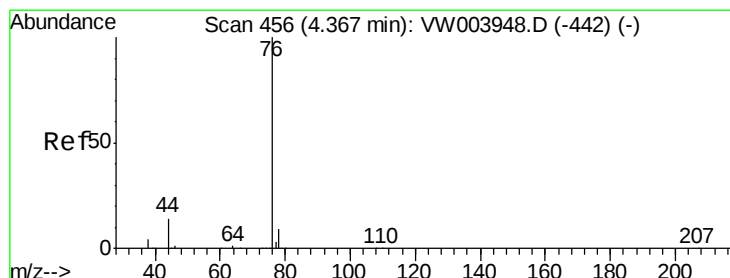
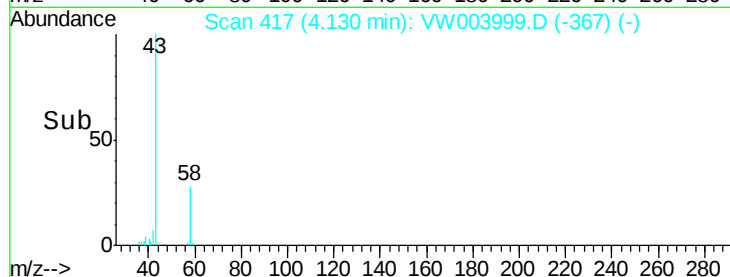
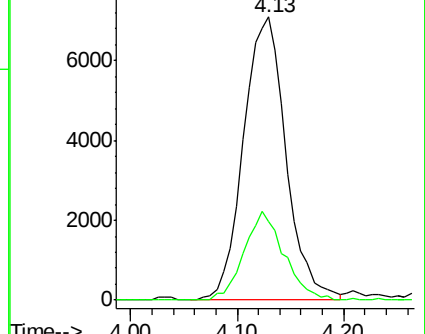
43 100

58 27.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.056 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003999.D

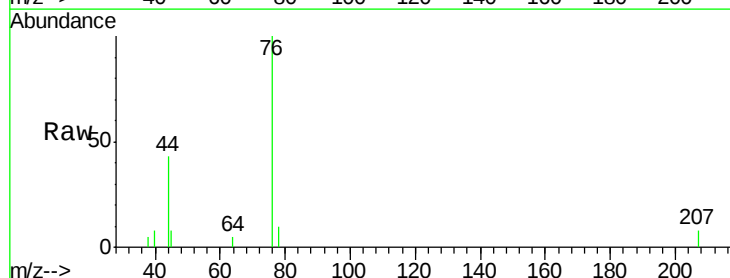
Acq: 17 Jul 2018 21:23

Tgt Ion: 76 Resp: 4416

Ion Ratio Lower Upper

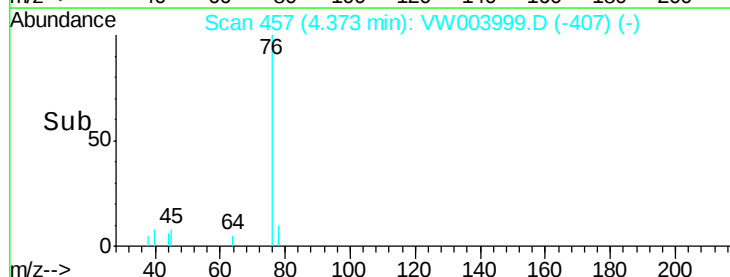
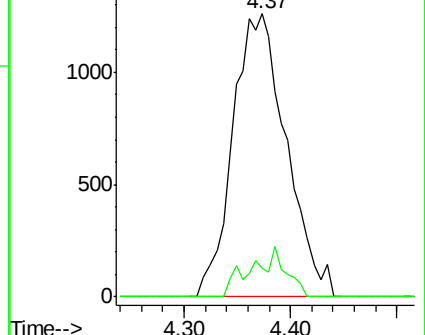
76 100

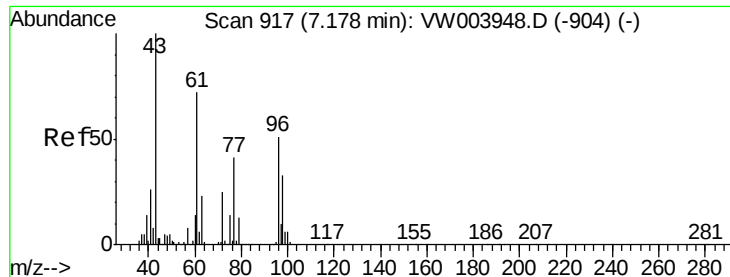
78 10.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

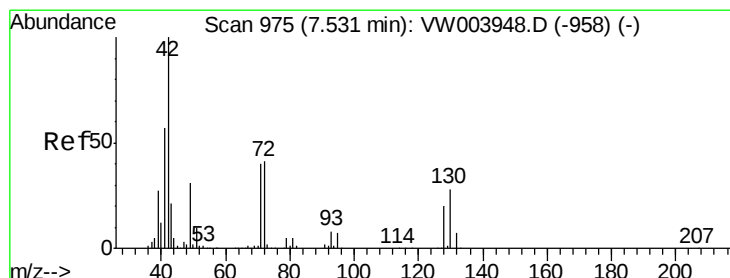
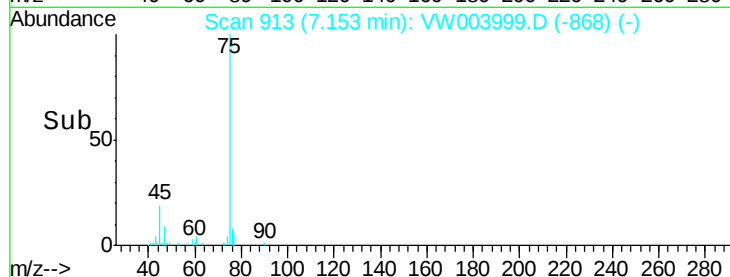
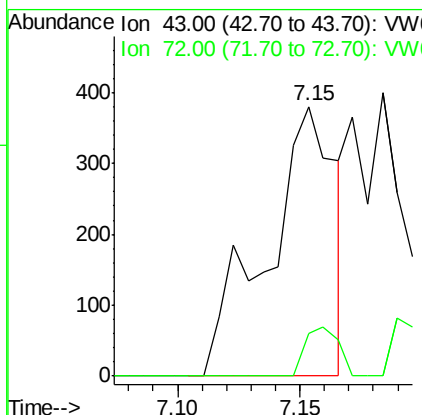
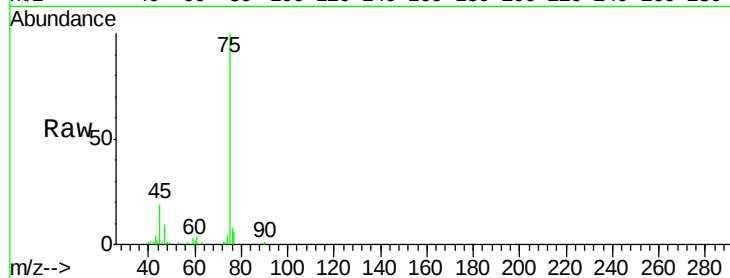




#25
 2-Butanone
 Concen: 1.484 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

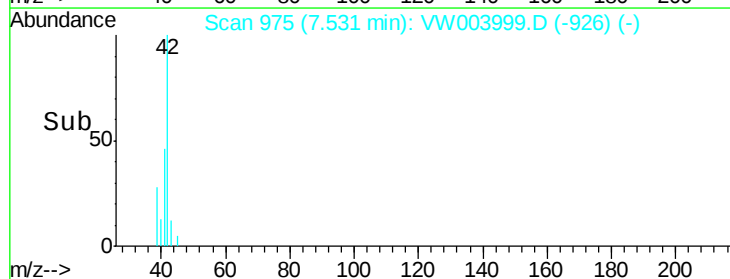
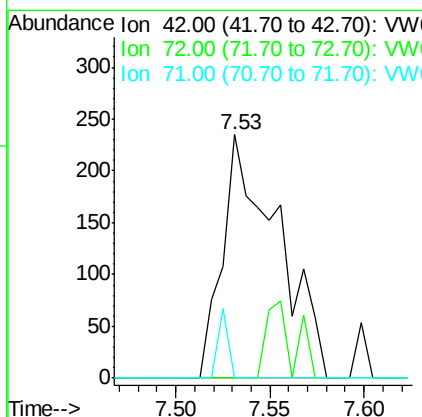
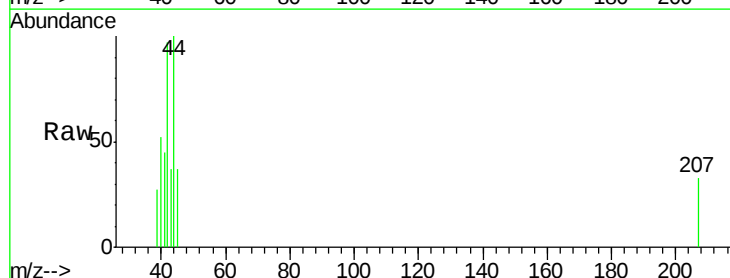
Instrument :
 MSVOA_W
 ClientSampled :
 TR-04-071618

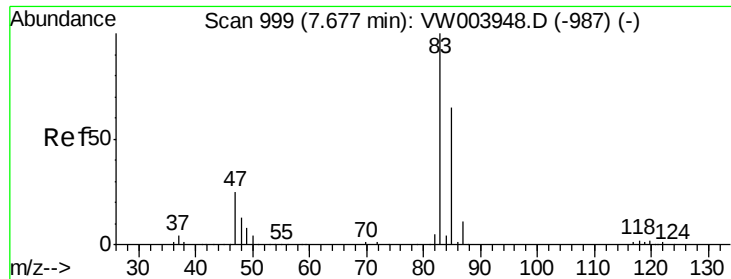
Tot Ion: 43 Resp: 740
 Ion Ratio Lower Upper
 43 100
 72 15.8 19.8 29.6#



#29
 Tetrahydrofuran
 Concen: 1.536 ug/l
 RT: 7.53 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

Tgt Ion: 42 Resp: 477
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.6 48.8#
 71 5.2 30.5 45.7#

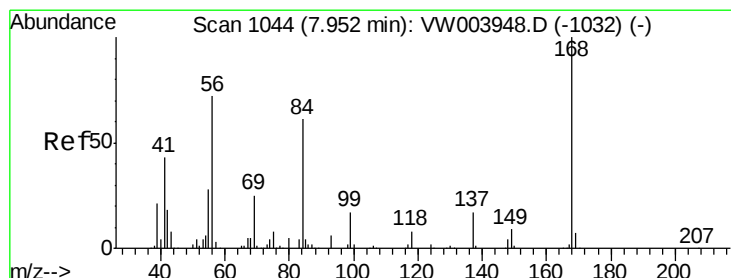
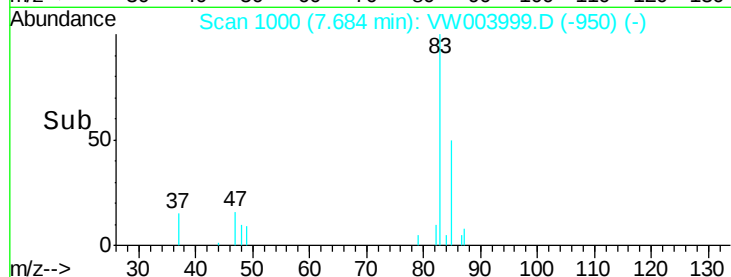
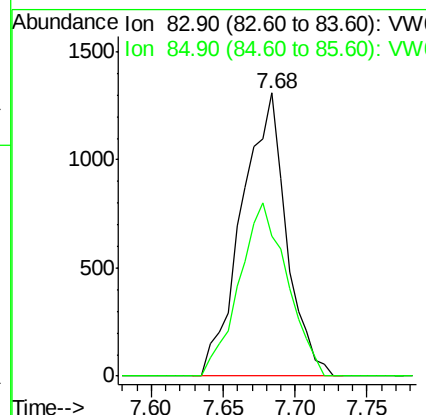
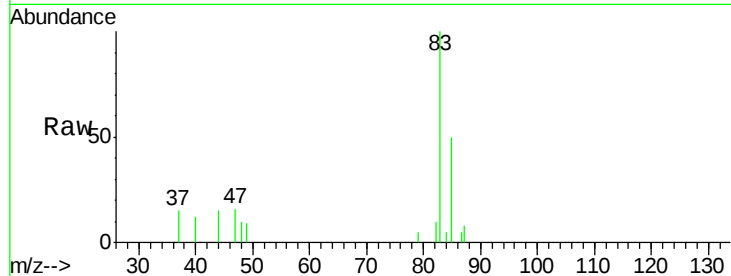




#30
Chloroform
Concen: 1.042 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

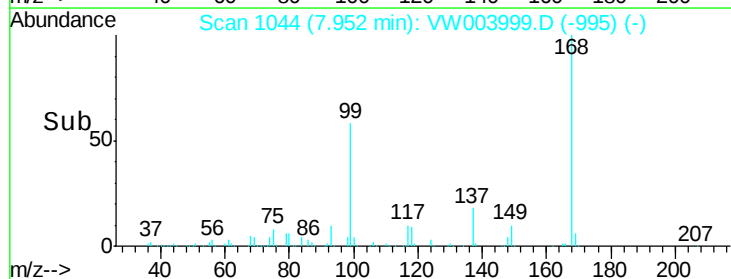
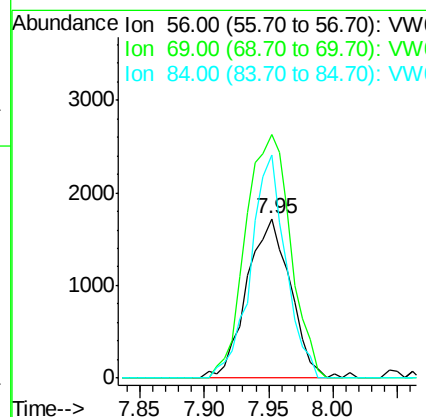
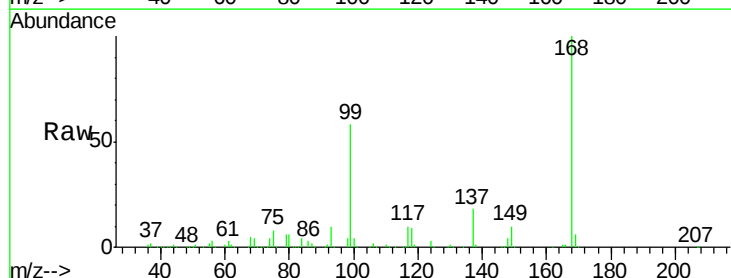
Instrument :
MSVOA_W
ClientSampleId :
TR-04-071618

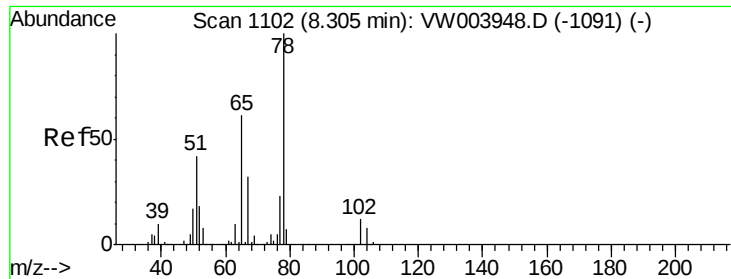
Tot Ion: 83 Resp: 2828
Ion Ratio Lower Upper
83 100
85 49.7 52.2 78.4#



#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

Tgt Ion: 56 Resp: 4025
Ion Ratio Lower Upper
56 100
69 153.0 27.8 41.8#
84 140.2 67.2 100.8#

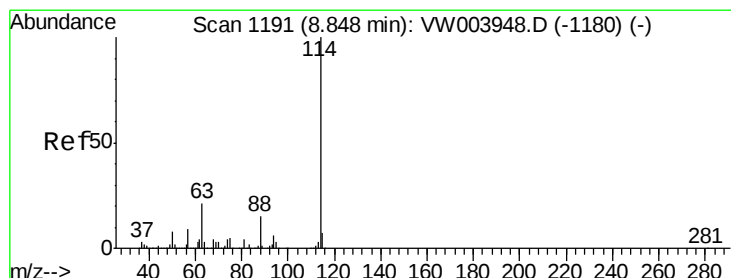
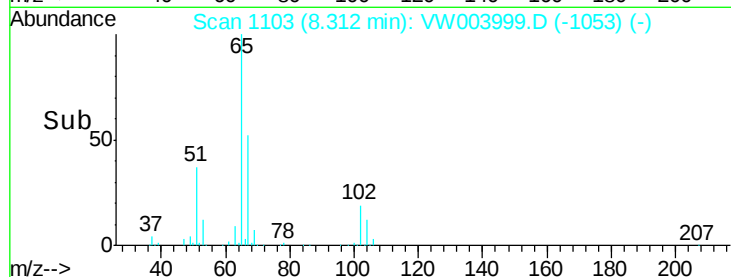
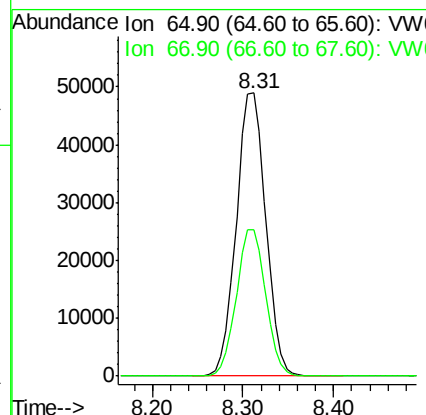
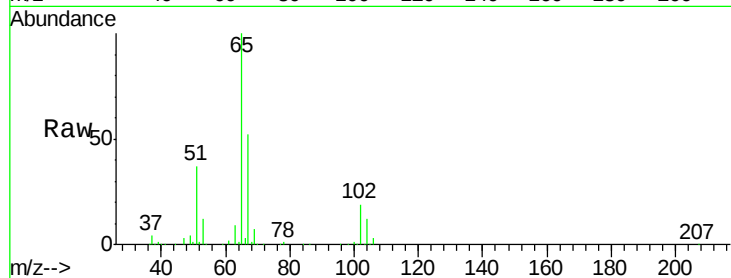




#33
 1,2-Dichloroethane-d4
 Concen: 71.661 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

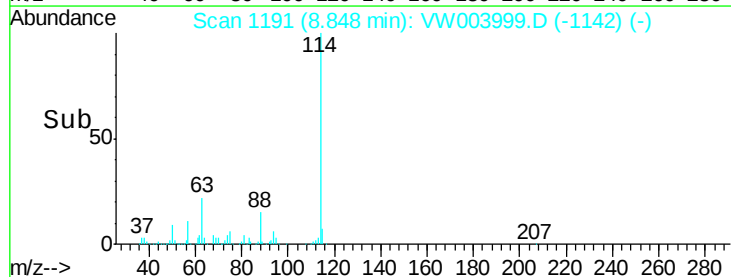
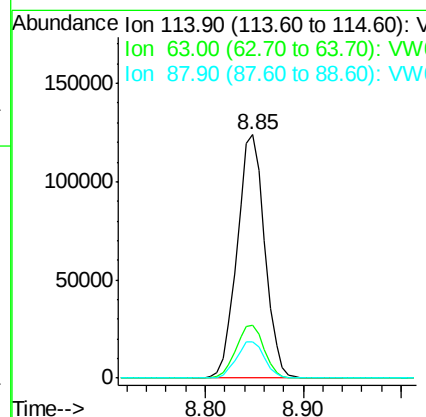
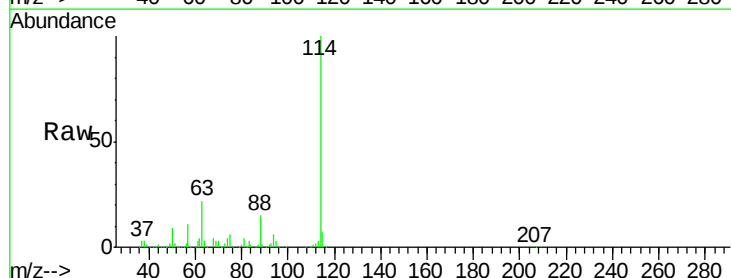
Instrument :
 MSVOA_W
 ClientSampled :
 TR-04-071618

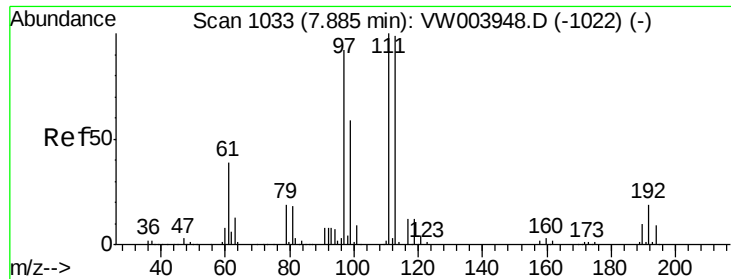
Tot Ion: 65 Resp: 110471
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

Tgt Ion: 114 Resp: 242527
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 56.461 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

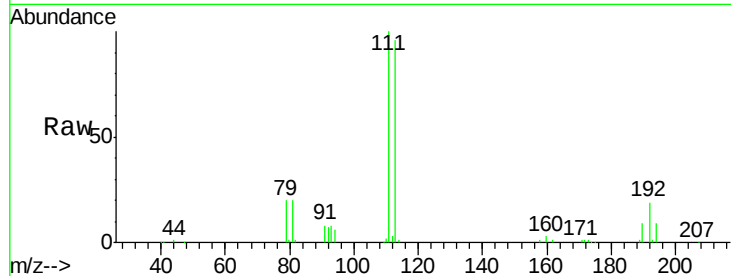
Lab File: VW003999.D

Acq: 17 Jul 2018 21:23

Instrument :
MSVOA_W
ClientSampleId :
TR-04-071618

Tot Ion:113 Resp: 87860

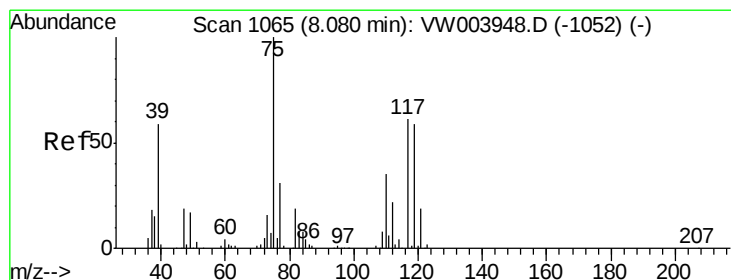
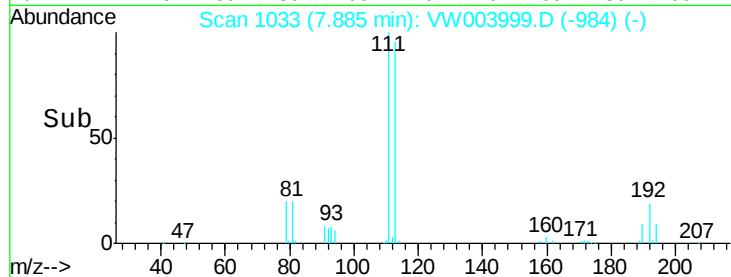
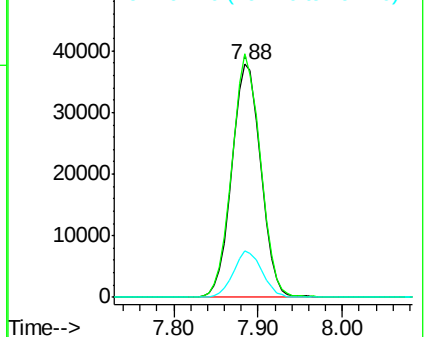
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	19.5	15.8	23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 7.95 min Scan# 1044

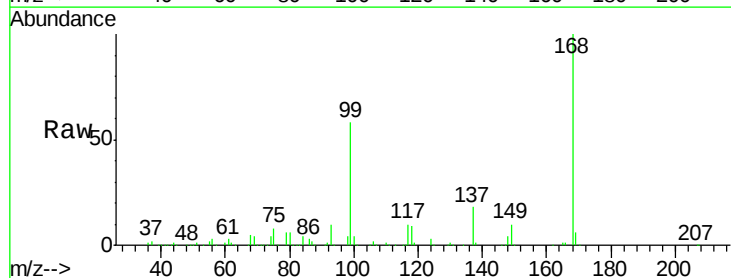
Delta R.T. -0.13 min

Lab File: VW003999.D

Acq: 17 Jul 2018 21:23

Tgt Ion: 75 Resp: 12089

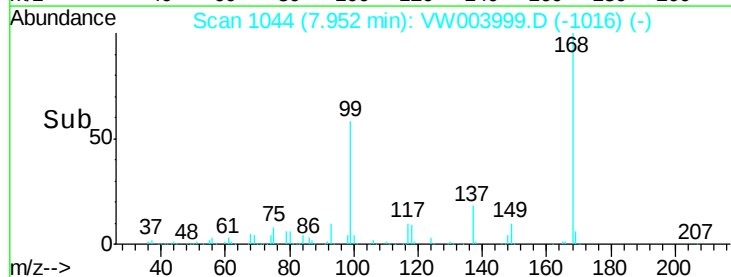
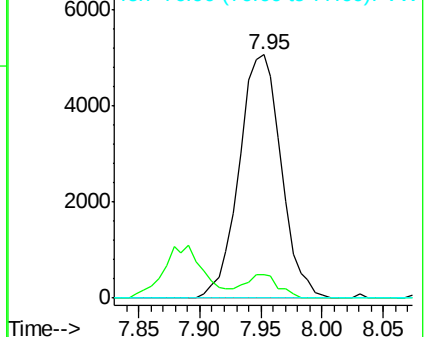
Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	51.0#
77	0.0	24.9	37.3#

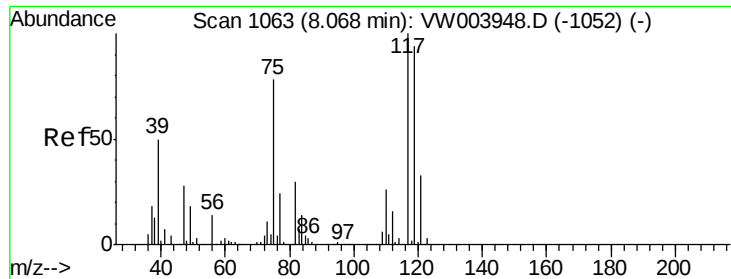


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003999.D

Acq: 17 Jul 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

TR-04-071618

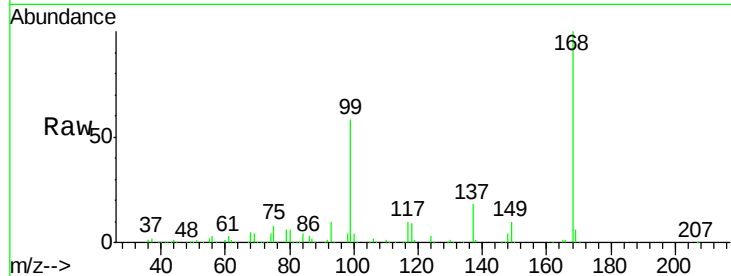
Tot Ion:117 Resp: 13874

Ion Ratio Lower Upper

117 100

119 6.0 75.3 112.9#

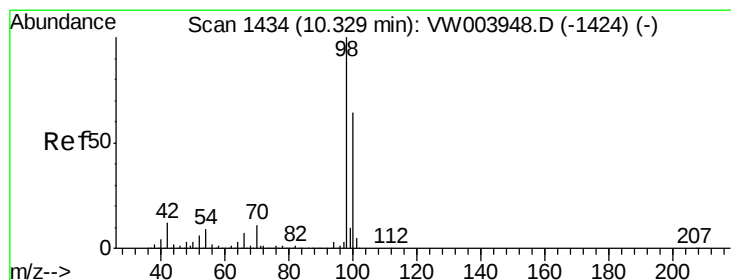
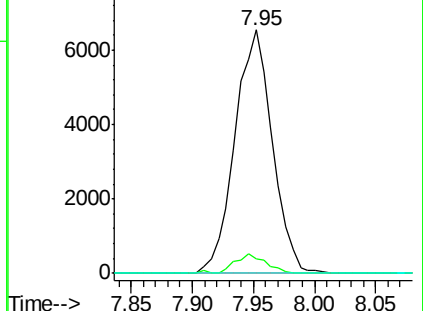
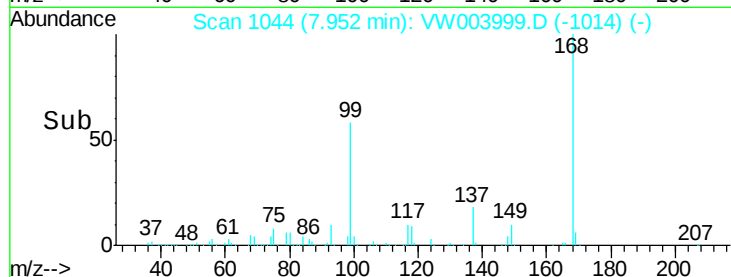
121 0.0 26.0 39.0#



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: 36.546 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003999.D

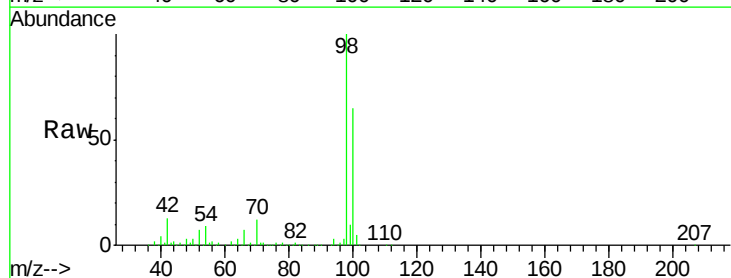
Acq: 17 Jul 2018 21:23

Tgt Ion: 98 Resp: 220665

Ion Ratio Lower Upper

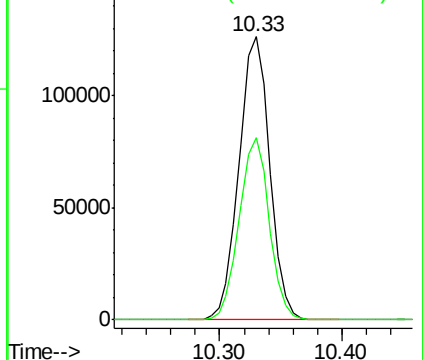
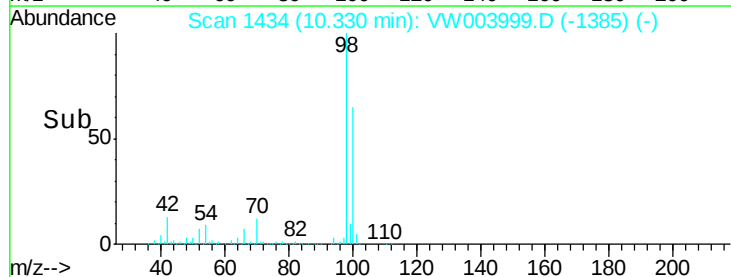
98 100

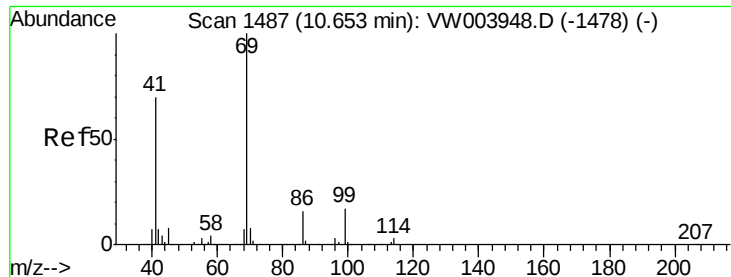
100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

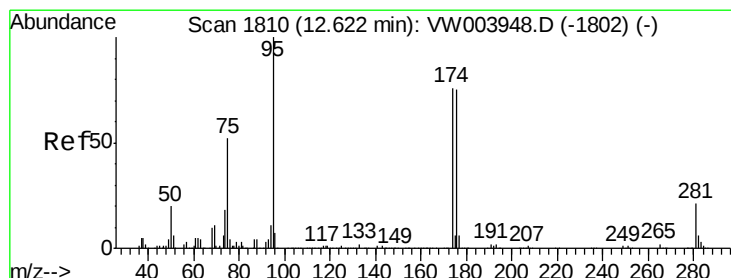
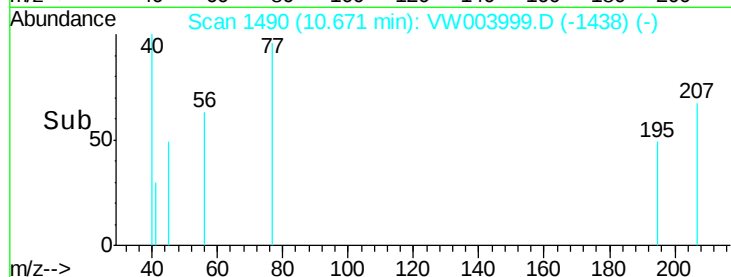
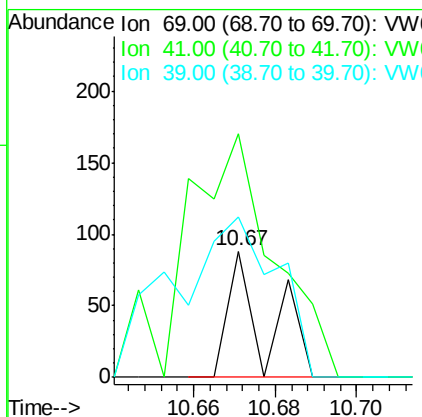
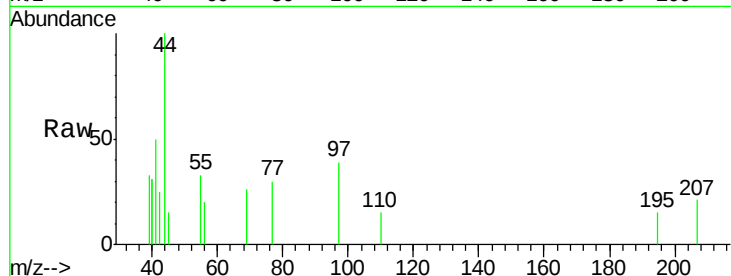




#56
Ethyl methacrylate
Concen: 2.975 ug/l
RT: 10.67 min Scan# 1490
Delta R.T. 0.02 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

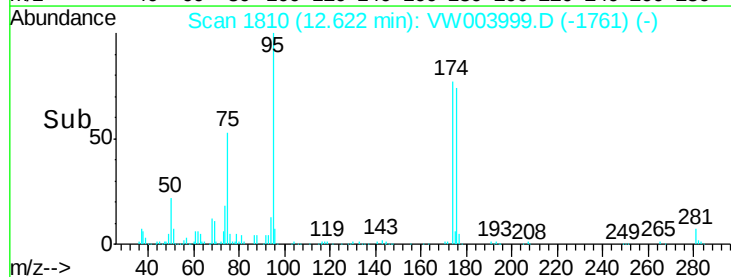
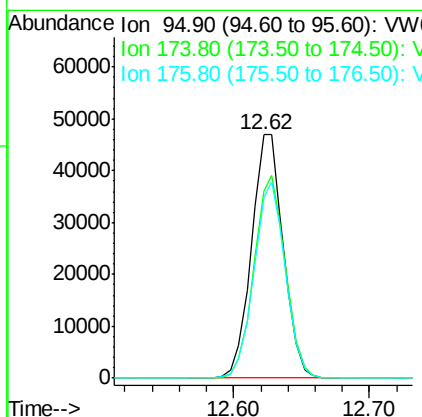
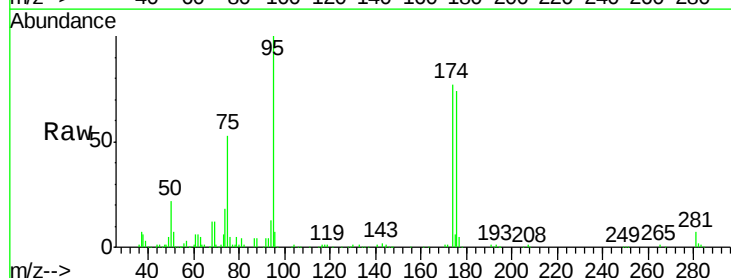
Instrument :
MSVOA_W
ClientSampled :
TR-04-071618

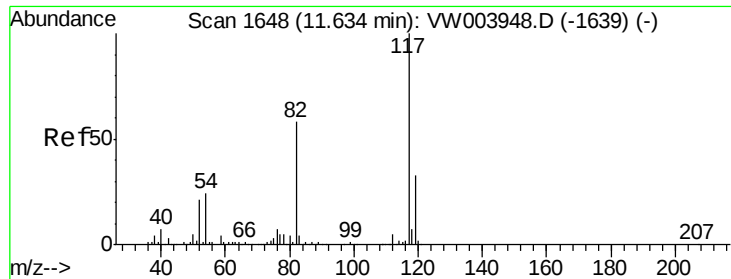
Tot Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 452.6 56.5 84.7#
39 347.4 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 35.367 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

Tgt Ion: 95 Resp: 77006
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.2
176 79.0 0.0 155.8

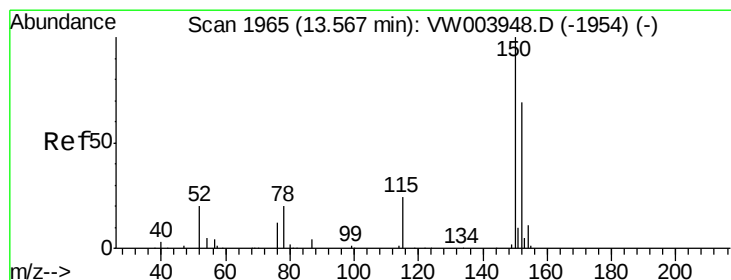
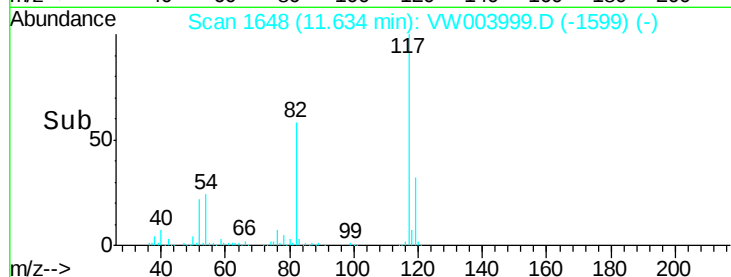
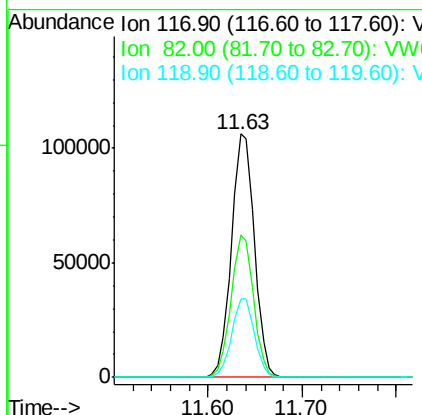
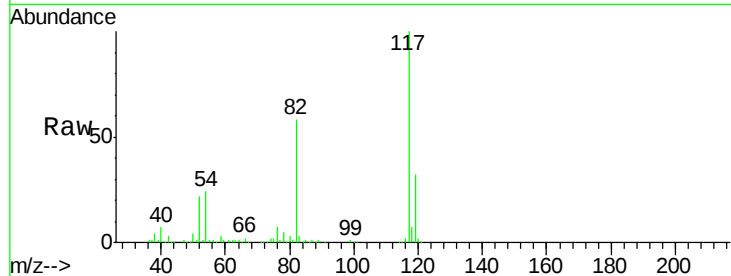




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

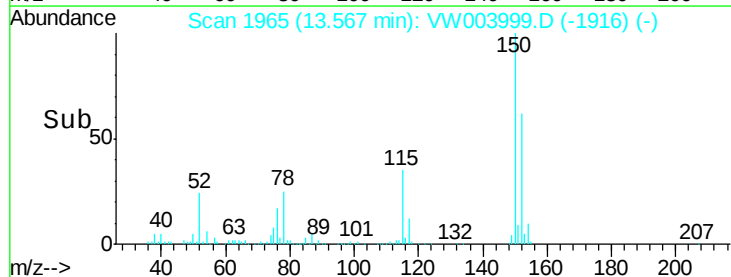
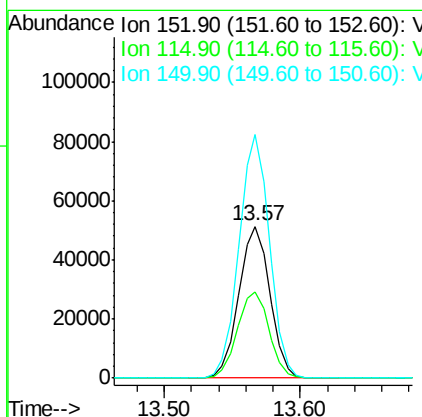
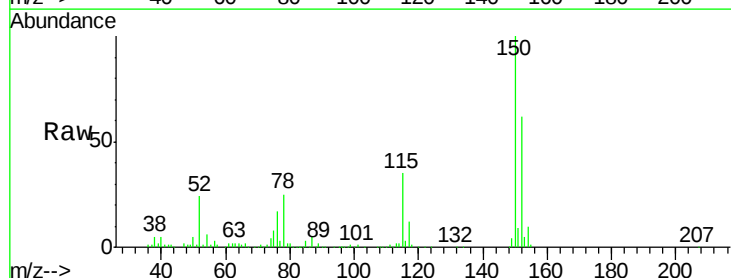
Instrument :
MSVOA_W
ClientSampleId :
TR-04-071618

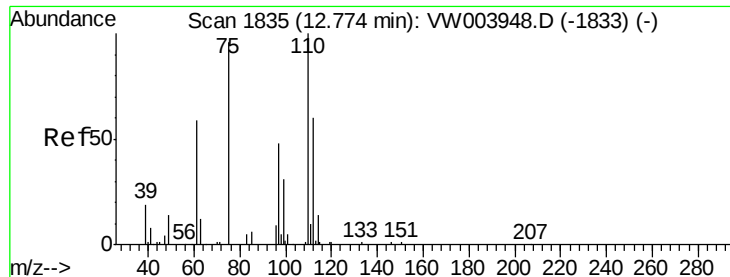
Tot Ion:117 Resp: 179603
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003999.D
Acq: 17 Jul 2018 21:23

Tgt Ion:152 Resp: 82158
Ion Ratio Lower Upper
152 100
115 57.7 29.2 87.6
150 156.5 0.0 345.2

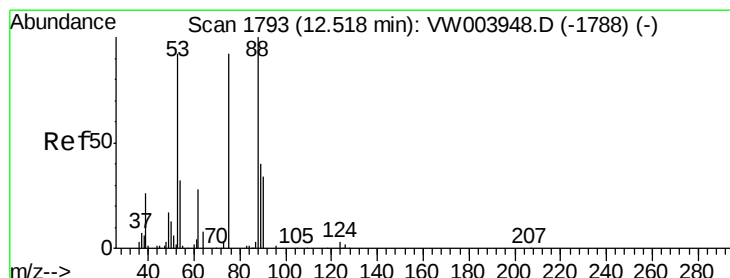
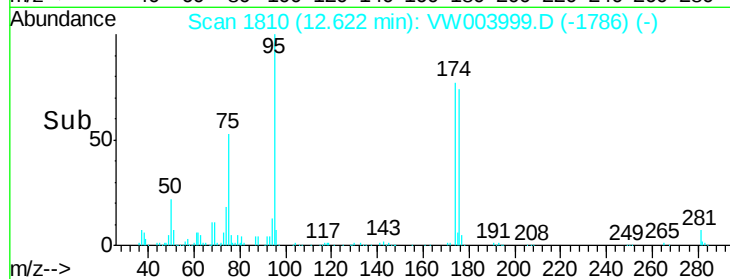
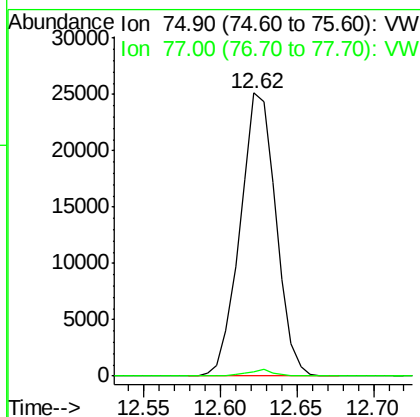
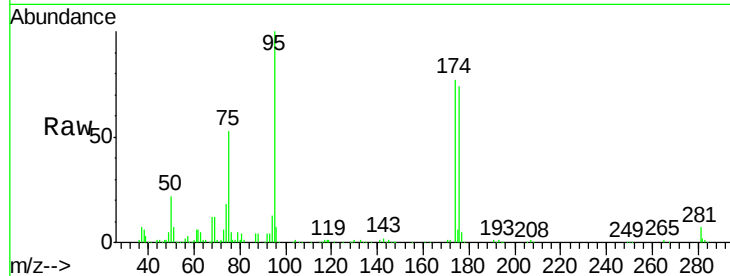




#76
 1,2,3-Trichloropropane
 Concen: 50.051 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-071618

Tot Ion: 75 Resp: 40824
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.713 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003999.D
 Acq: 17 Jul 2018 21:23

Tgt Ion: 75 Resp: 40824
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.6 116.4#
 89 0.0 36.6 54.8#

