

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004339.D
 Acq On : 30 Jul 2018 04:09
 Operator : SY/AP
 Sample : J4180-05
 Misc : 7.09G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 06:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	87415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	67076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26138	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	31354	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	27180	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.33	98	90333	41.38	ug/l	0.00
Spiked Amount			Recovery	=	82.76%	
62) 4-Bromofluorobenzene	12.62	95	24665	32.09	ug/l	0.00
Spiked Amount			Recovery	=	64.18%	

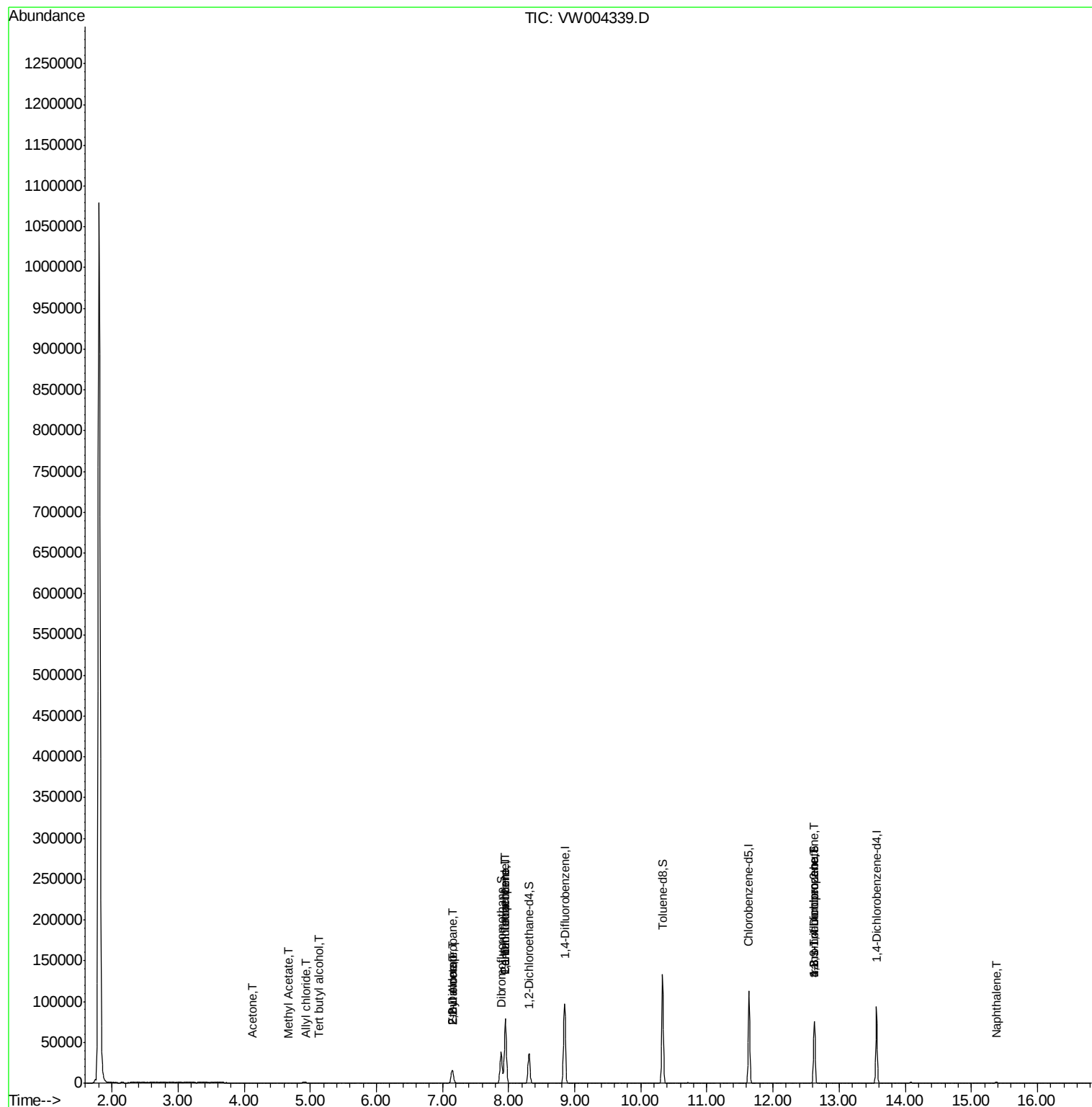
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.31	50	27	Below Cal	#	44
11) Tert butyl alcohol	5.13	59	402	5.385	ug/l #	72
14) Allyl chloride	4.93	41	56	1.564	ug/l #	25
16) Acetone	4.12	43	288	15.275	ug/l #	44
18) Methyl Acetate	4.67	43	72	1.067	ug/l #	54
25) 2-Butanone	7.15	43	719	4.056	ug/l #	50
26) 2,2-Dichloropropane	7.15	77	1211	1.692	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	4199	4.802	ug/l #	49
37) Ethyl Acetate	7.15	43	719	2.006	ug/l #	1
38) Carbon Tetrachloride	7.95	117	5531	6.405	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	12047	50.501	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	12047	117.510	ug/l #	11
95) Naphthalene	15.38	128	1185	1.250	ug/l	95

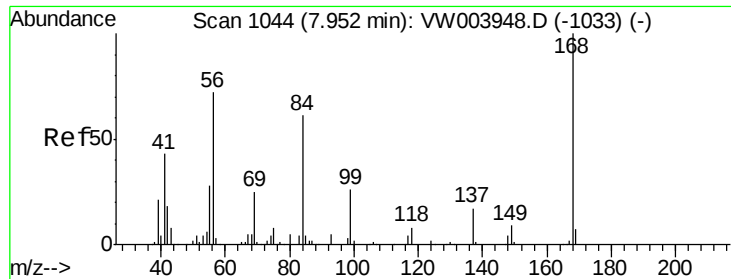
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 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: VW004339.D

Acq: 30 Jul 2018 04:09

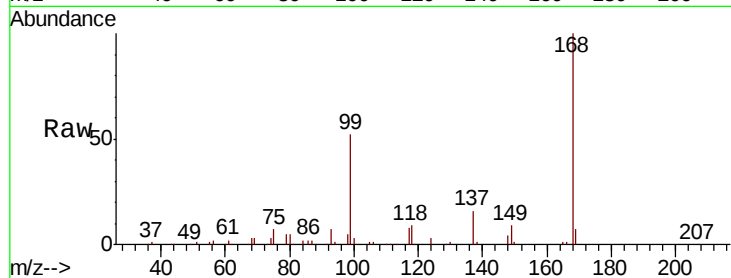
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 63280

Ion Ratio Lower Upper

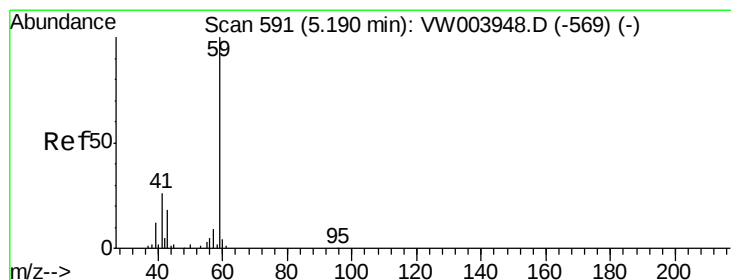
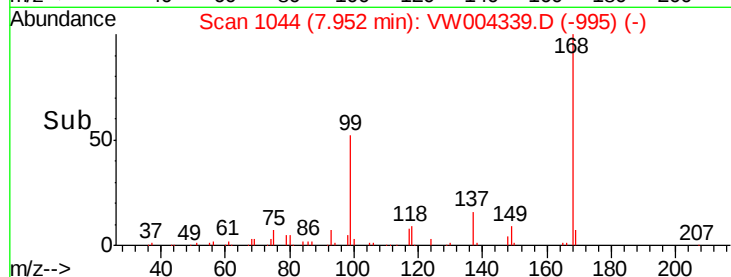
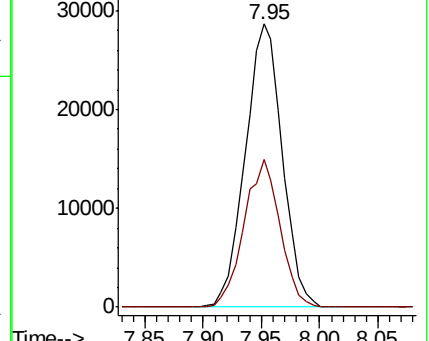
168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.385 ug/l

RT: 5.13 min Scan# 581

Delta R.T. -0.04 min

Lab File: VW004339.D

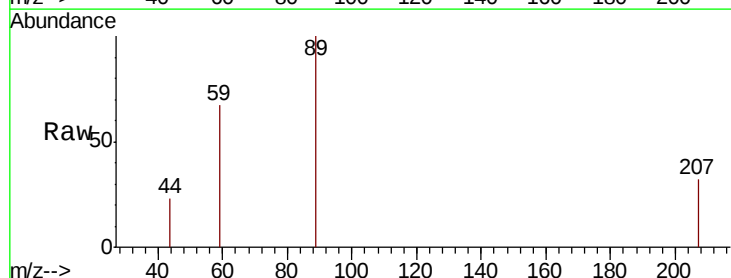
Acq: 30 Jul 2018 04:09

Tgt Ion: 59 Resp: 402

Ion Ratio Lower Upper

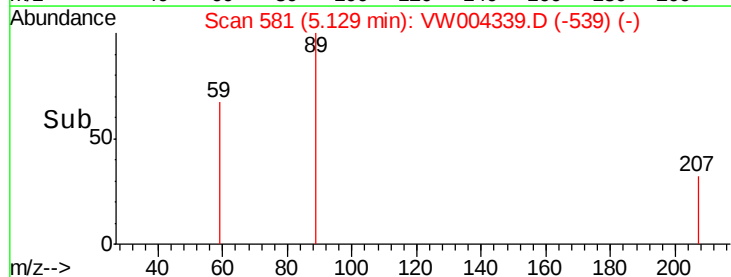
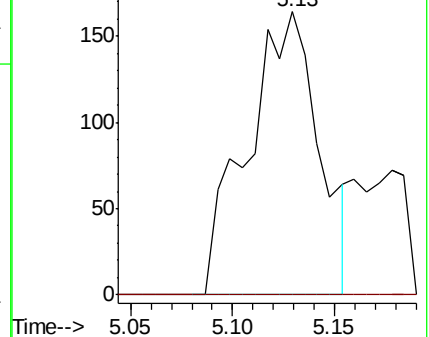
59 100

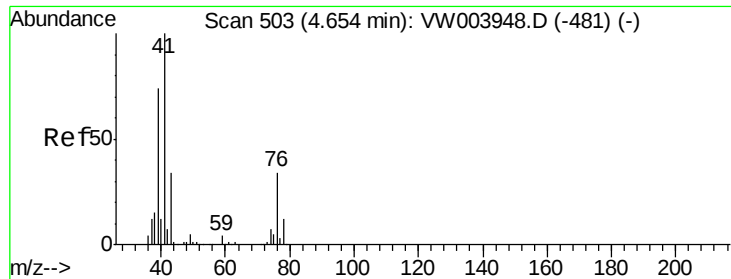
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

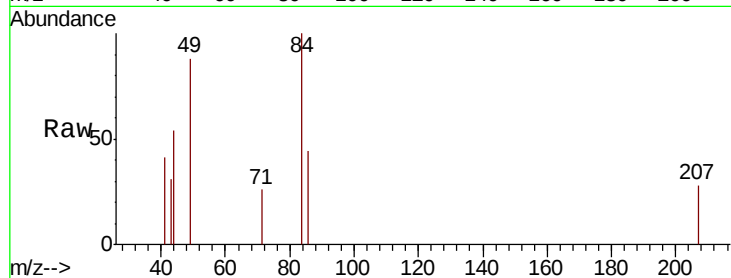




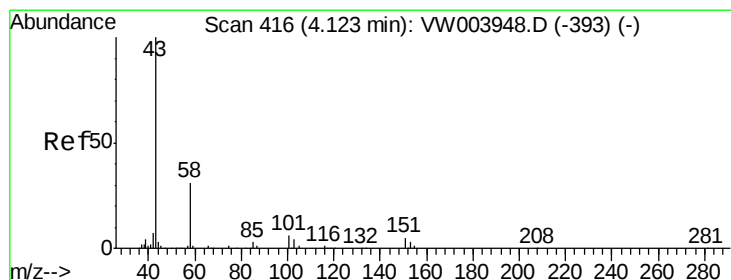
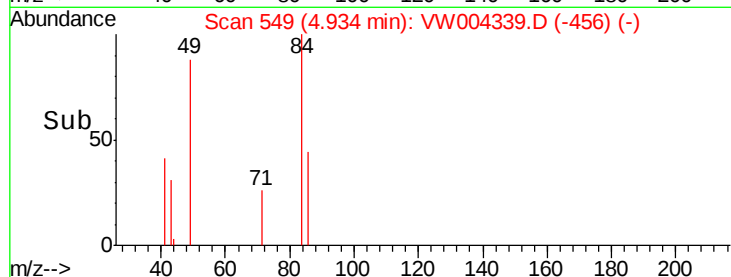
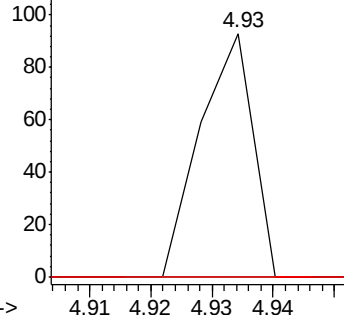
#14
Allvl chloride
Concen: 1.564 ug/l
RT: 4.93 min Scan# 549
Delta R.T. 0.27 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 0.0 52.3 78.5#
76 0.0 27.3 40.9#

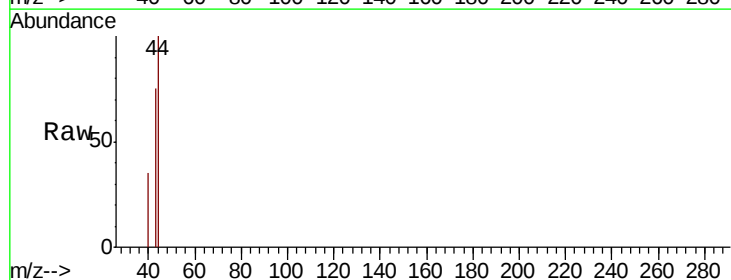


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW

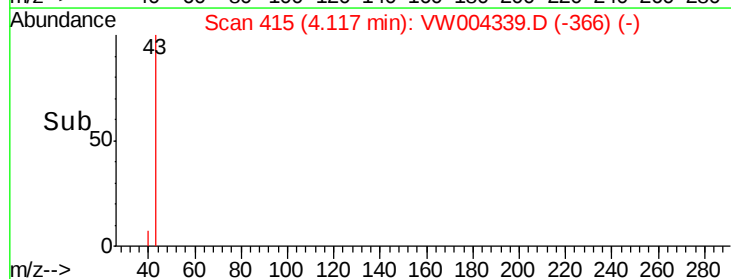
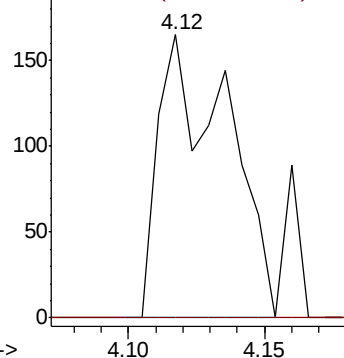


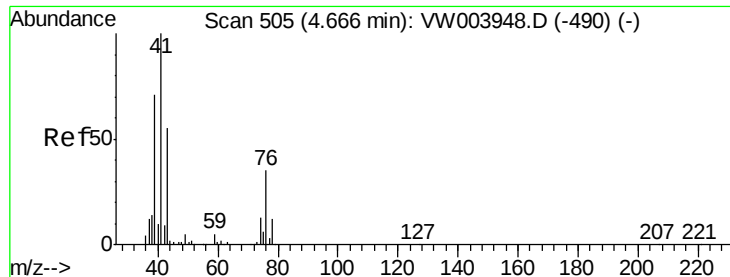
#16
Acetone
Concen: 15.275 ug/l
RT: 4.12 min Scan# 415
Delta R.T. 0.00 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

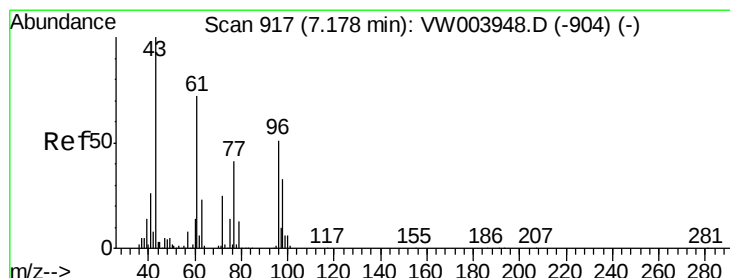
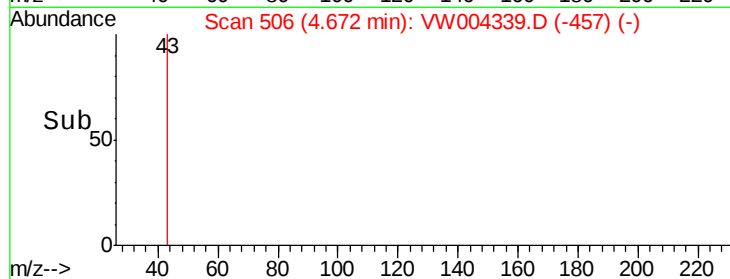
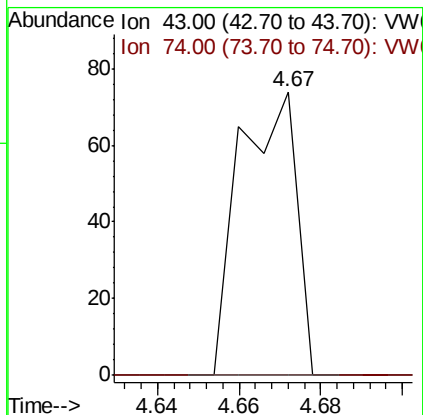
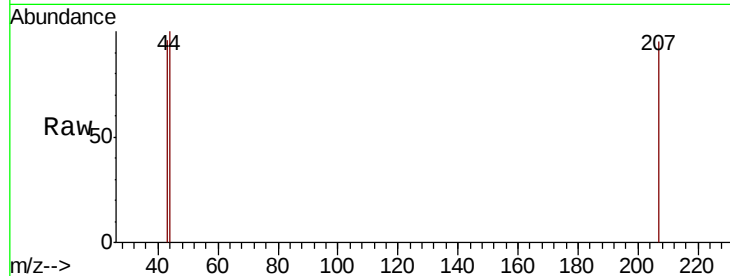




#18
Methyl Acetate
Concen: 1.067 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

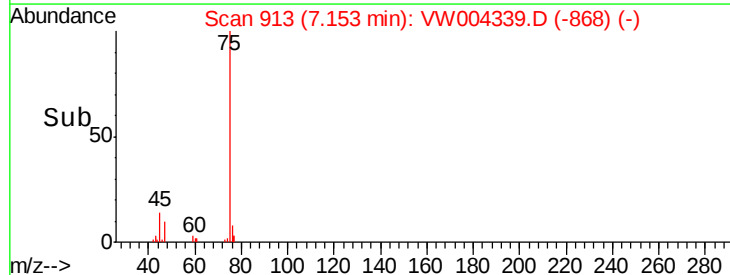
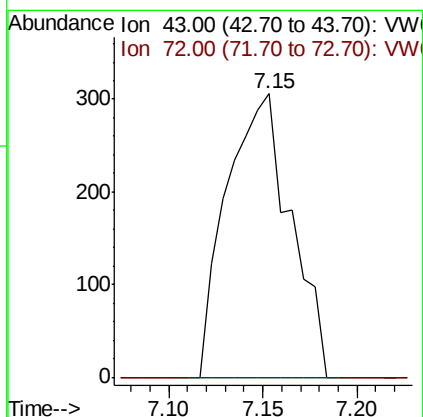
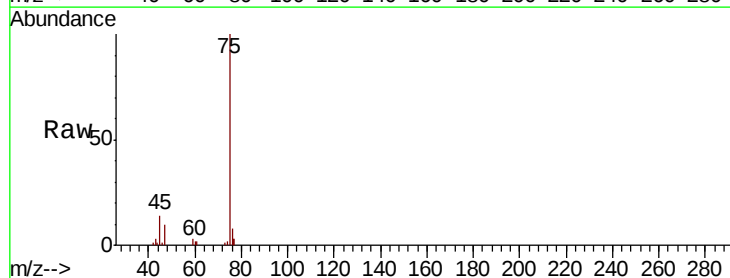
Instrument :
MSVOA_W
ClientSampleId :

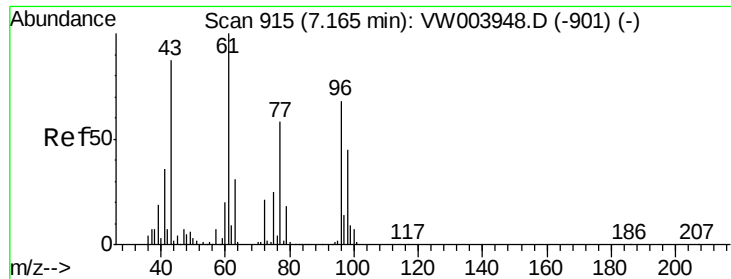
Tot Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#25
2-Butanone
Concen: 4.056 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

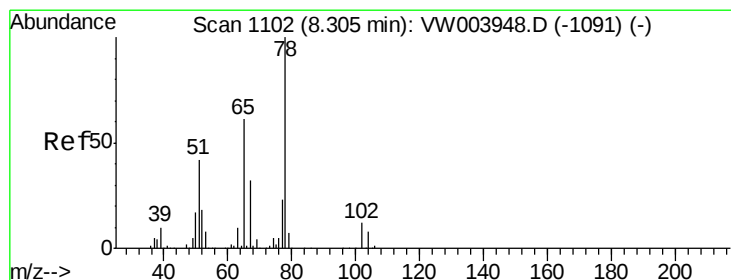
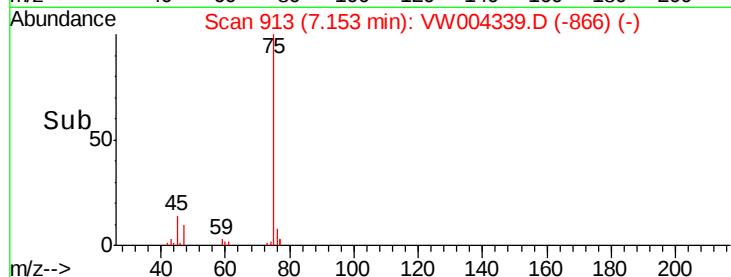
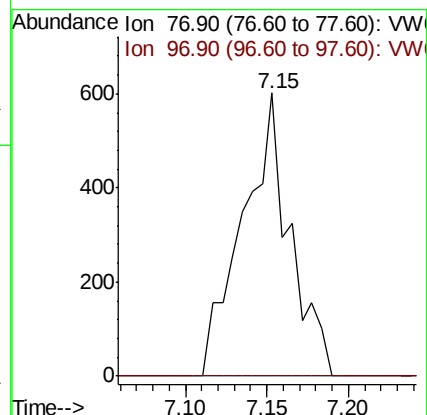
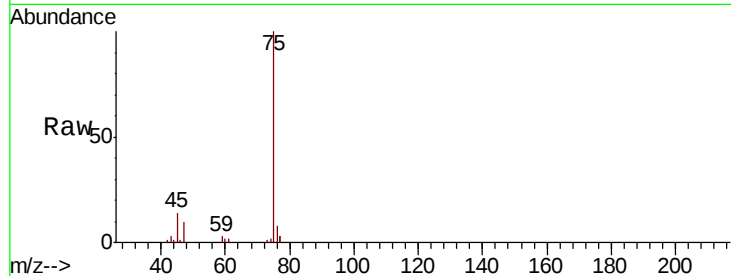




#26
 2,2-Dichloropropane
 Concen: 1.692 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

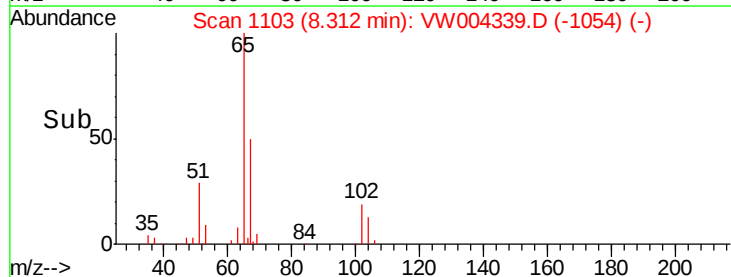
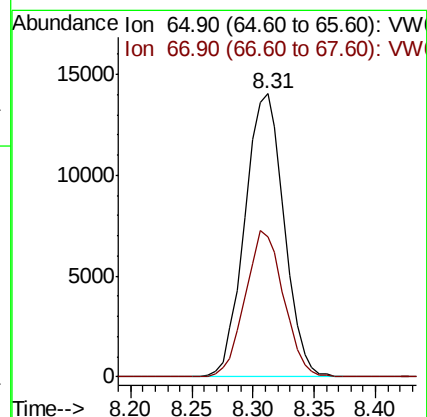
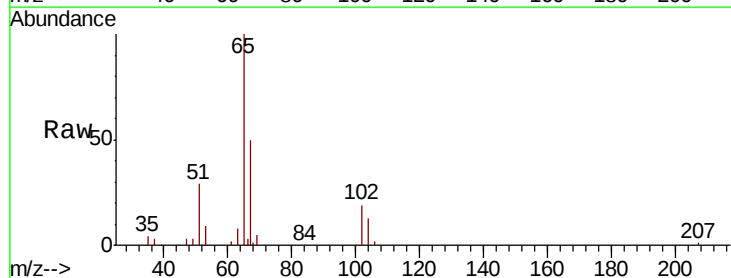
Instrument :
 MSVOA_W
 ClientSampleId :

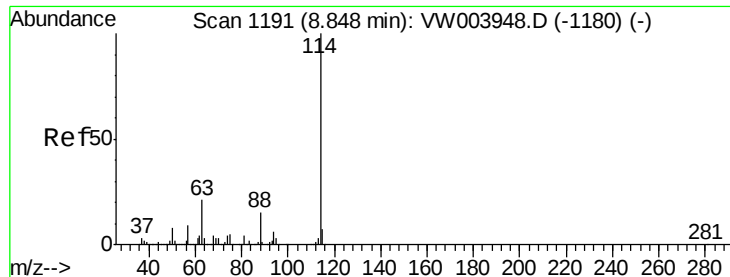
Tot Ion: 77 Resp: 1211
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#33
 1,2-Dichloroethane-d4
 Concen: 49.119 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

Tgt Ion: 65 Resp: 31354
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.4

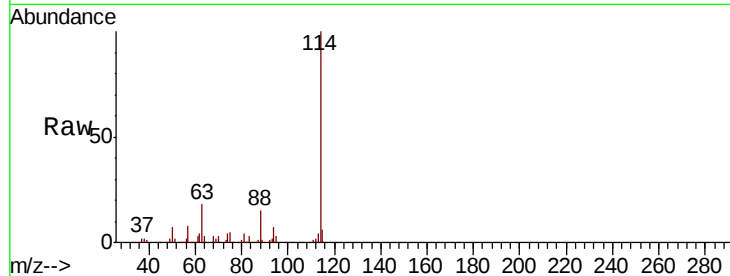




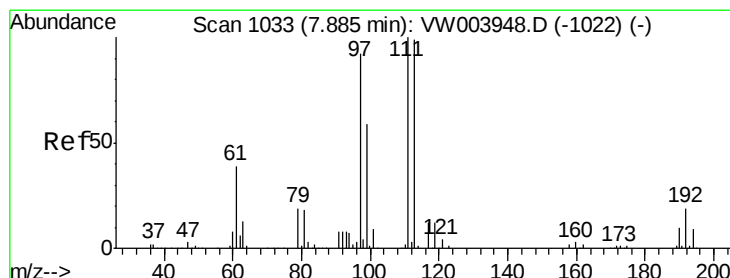
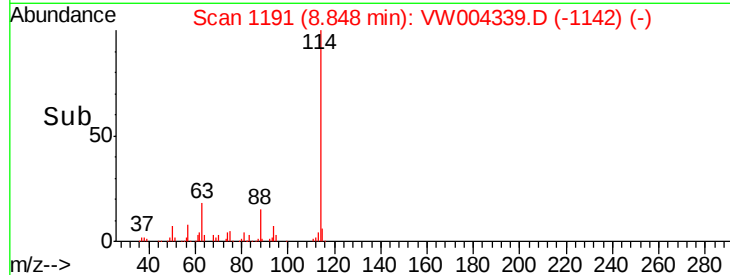
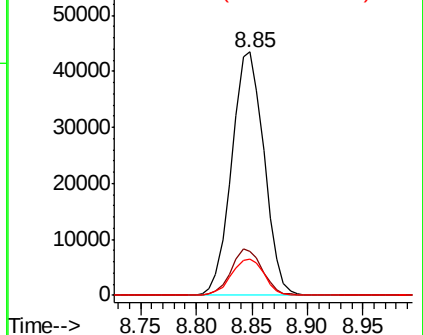
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 87415
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 41.4
 88 14.8 0.0 30.6

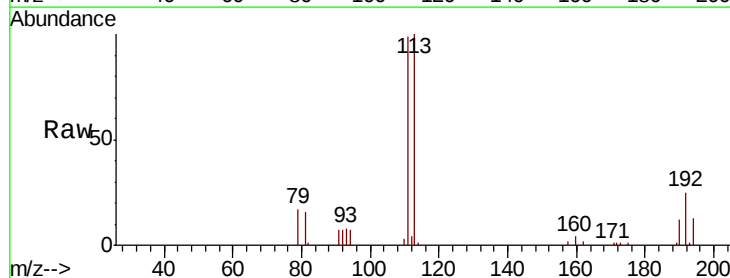


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

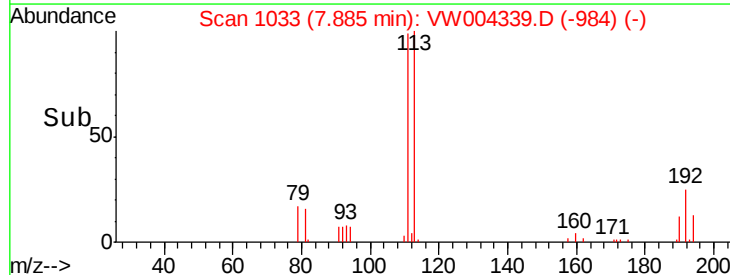
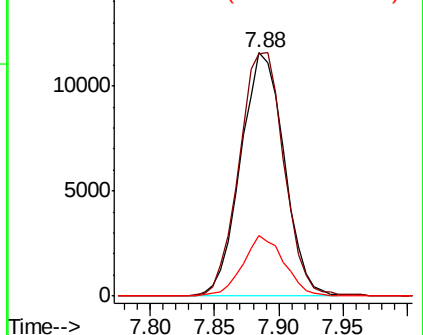


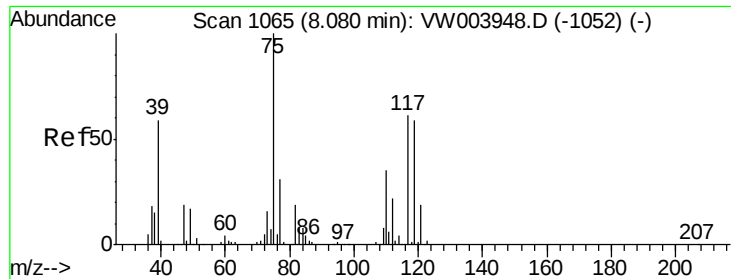
#35
 Dibromofluoromethane
 Concen: 49.201 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

Tgt Ion:113 Resp: 27180
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 23.5 16.2 24.4



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

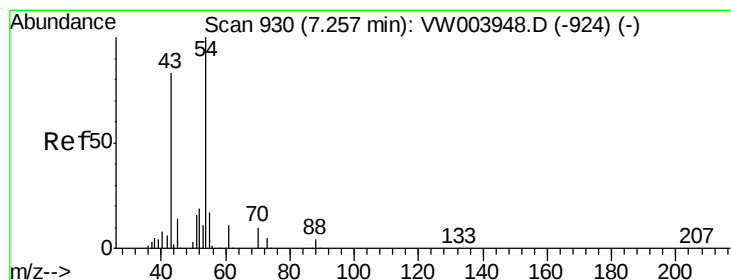
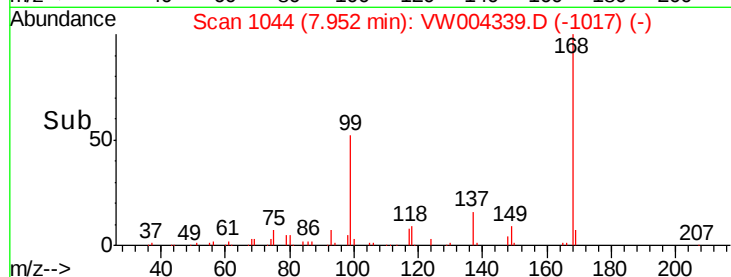
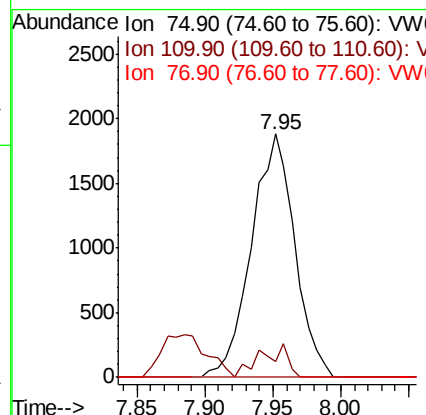
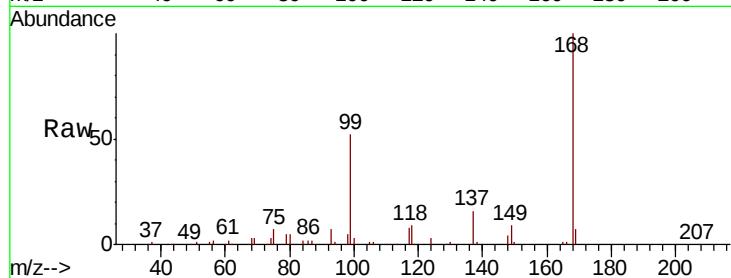




#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

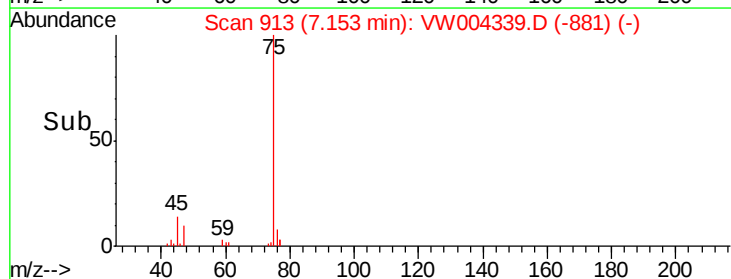
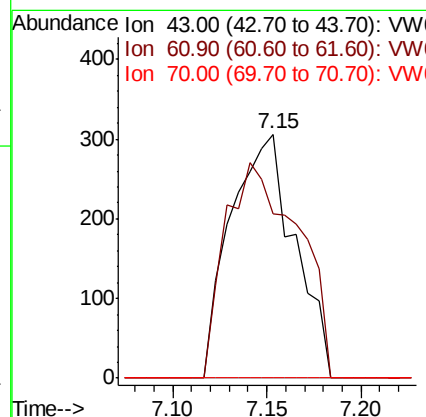
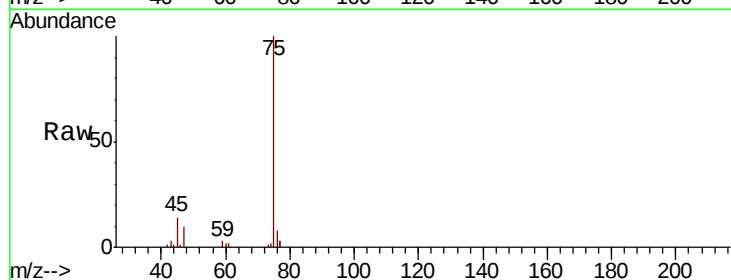
Instrument :
 MSVOA_W
 ClientSampled :

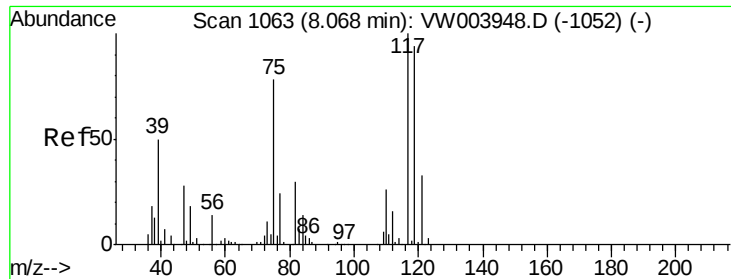
Tot Ion	75	Resp	4199
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	17.3	52.0#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 2.006 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.10 min
 Lab File: VW004339.D
 Acq: 30 Jul 2018 04:09

Tgt Ion	43	Resp	719
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	100.8	11.1	16.7#
70	0.0	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 6.405 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004339.D

Acq: 30 Jul 2018 04:09

Instrument :

MSVOA_W

ClientSampled :

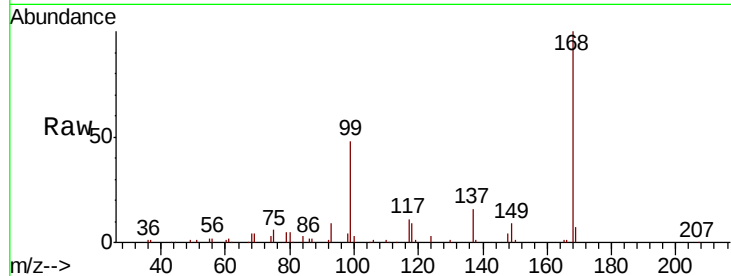
Tot Ion:117 Resp: 5531

Ion Ratio Lower Upper

117 100

119 6.8 79.7 119.5#

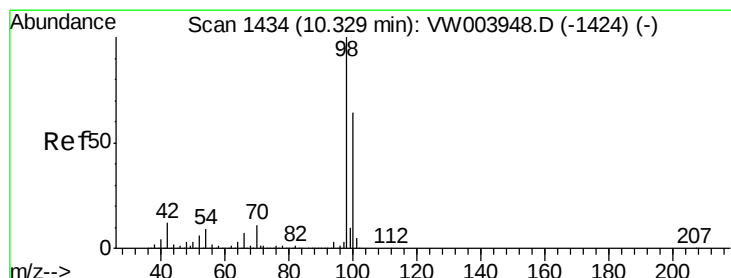
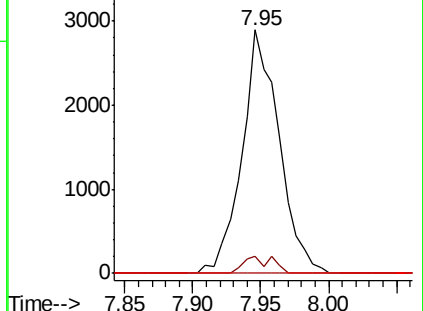
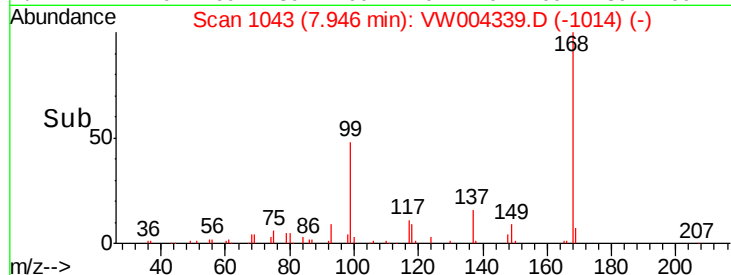
121 0.0 25.7 38.5#



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: 41.376 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004339.D

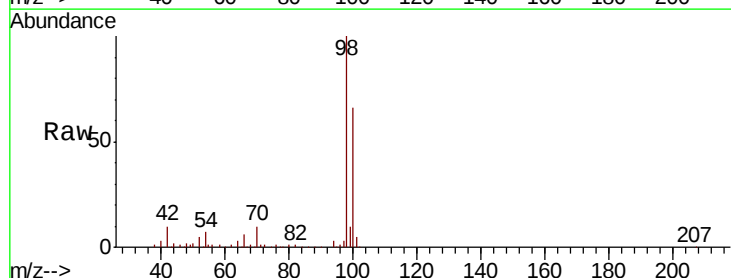
Acq: 30 Jul 2018 04:09

Tgt Ion: 98 Resp: 90333

Ion Ratio Lower Upper

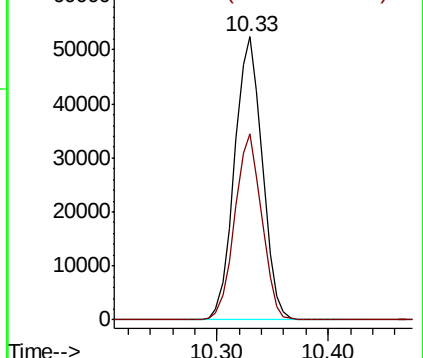
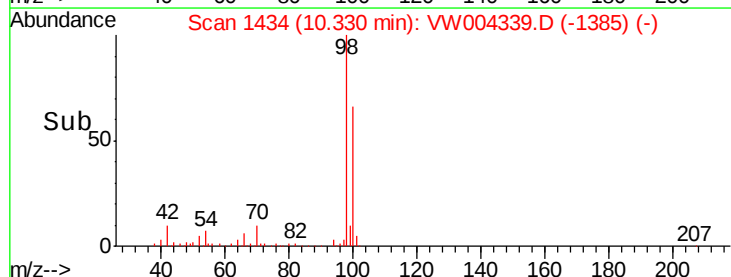
98 100

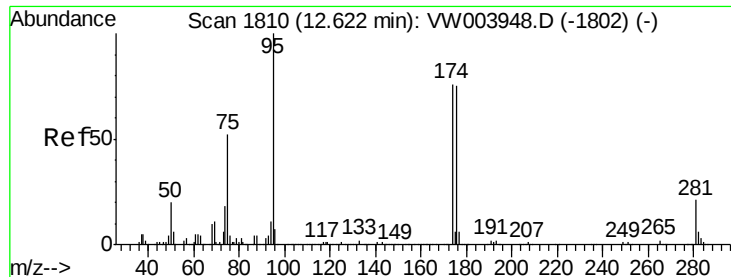
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

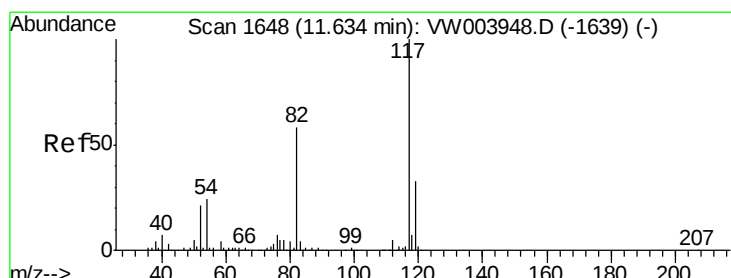
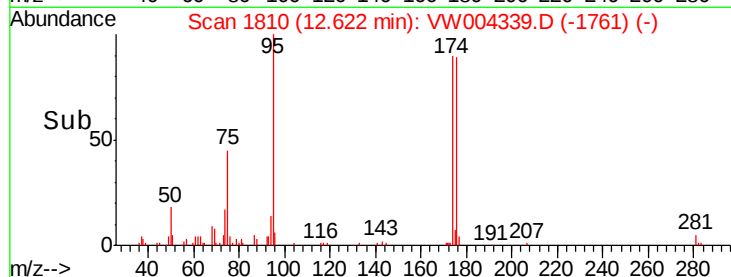
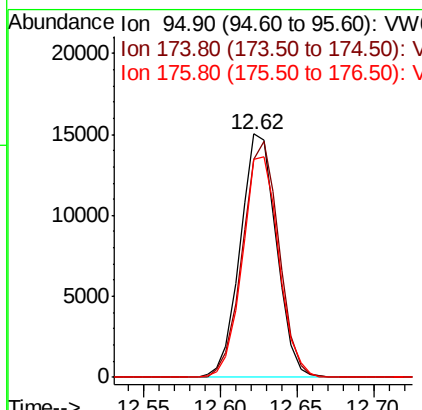
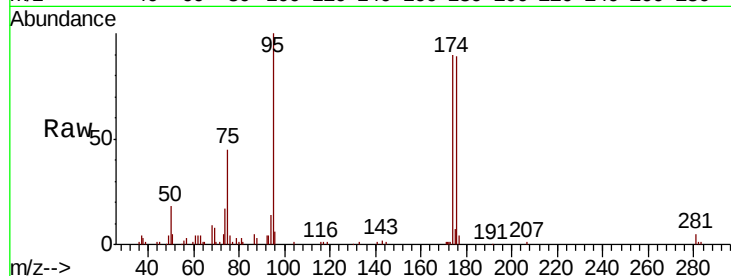




#62
4-Bromofluorobenzene
Concen: 32.086 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

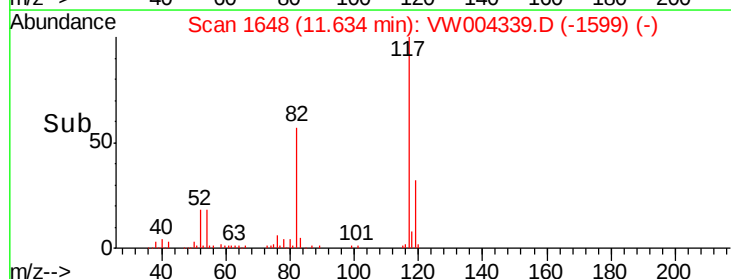
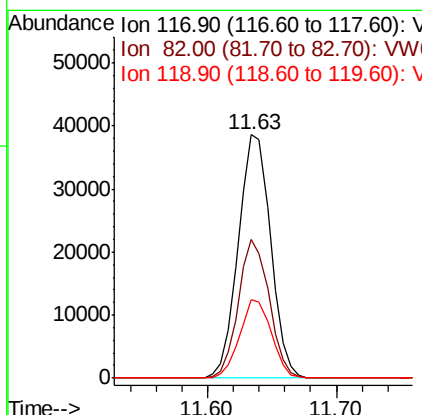
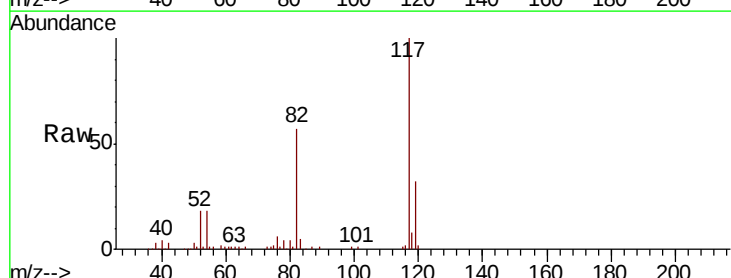
Instrument :
MSVOA_W
ClientSampleId :

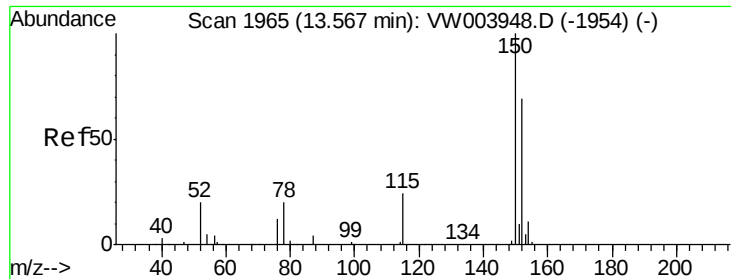
Tot Ion	95	Resp	24665
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	167.8
176	91.3	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Tgt Ion	117	Resp	67076
Ion Ratio	Lower	Upper	
117	100		
82	57.1	47.9	71.9
119	32.4	27.1	40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004339.D

Acq: 30 Jul 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

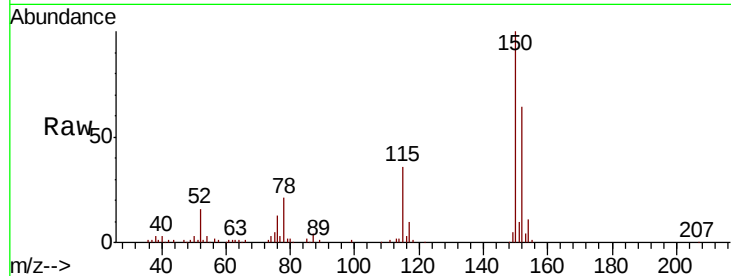
Tot Ion:152 Resp: 26138

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.4

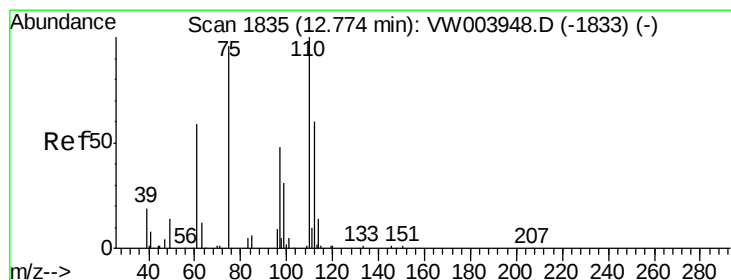
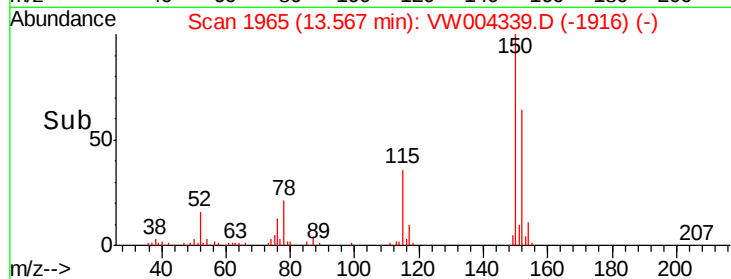
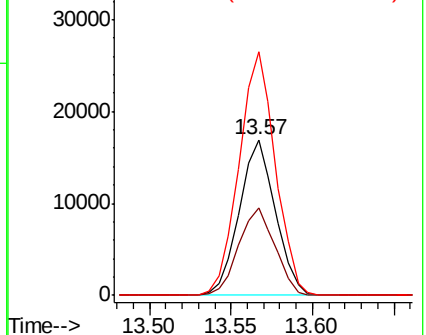
150 156.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 50.501 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004339.D

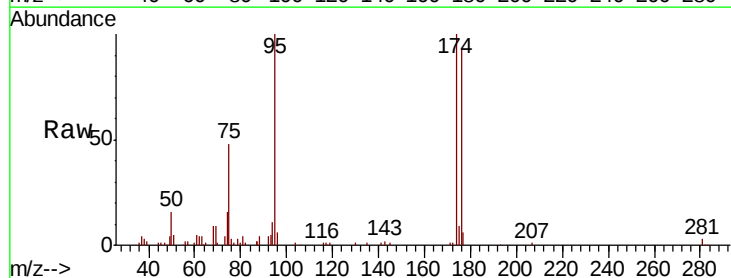
Acq: 30 Jul 2018 04:09

Tgt Ion: 75 Resp: 12047

Ion Ratio Lower Upper

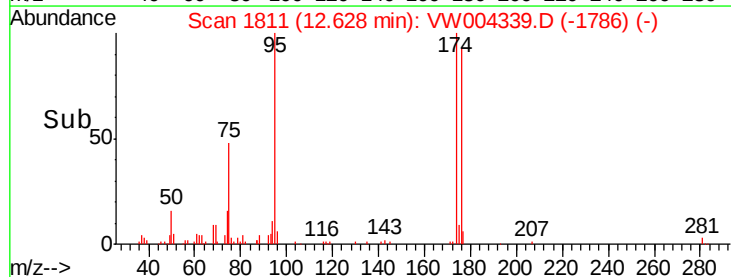
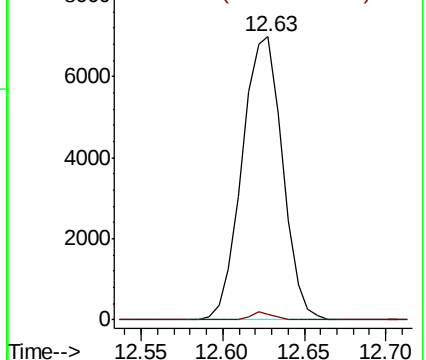
75 100

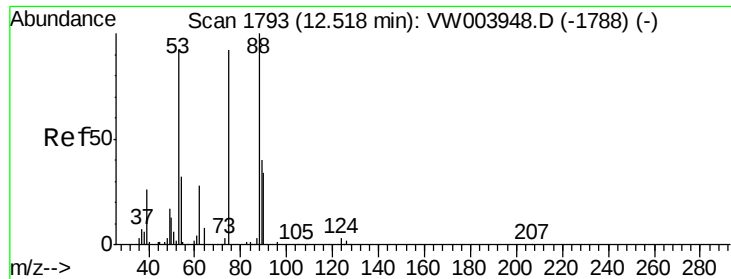
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

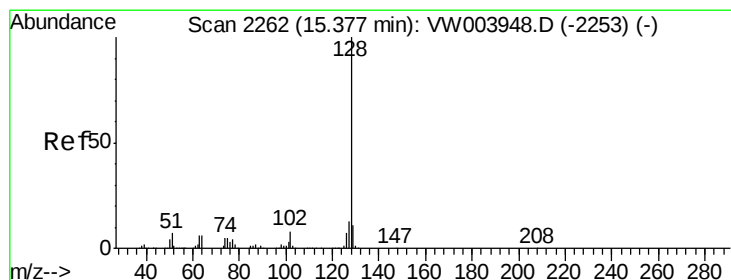
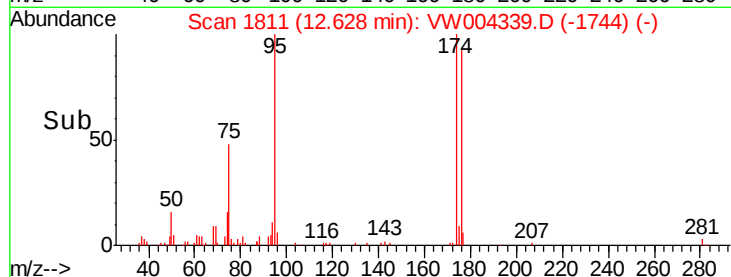
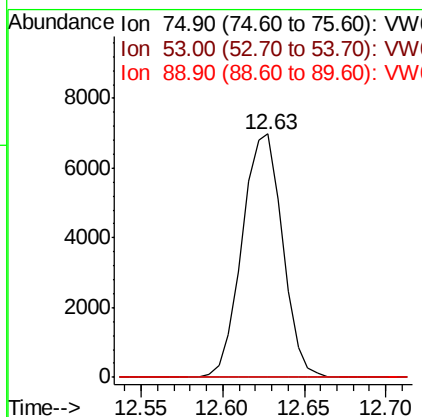
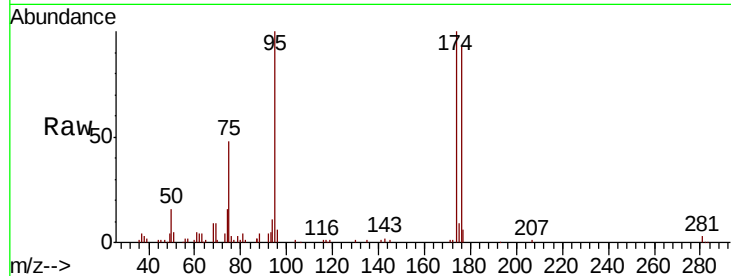




#81
trans-1,4-Dichloro-2-butene
Concen: 117.510 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.11 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 36.0 54.0#



#95
Naphthalene
Concen: 1.250 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004339.D
Acq: 30 Jul 2018 04:09

Tgt Ion:128 Resp: 1185
Ion Ratio Lower Upper
128 100
127 11.4 10.4 15.6
129 8.8 8.6 13.0

