

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002561.D
 Acq On : 15 May 2018 19:54
 Operator : JC/SY
 Sample : J2888-29
 Misc : 5.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 26KV-S2

Quant Time: May 16 05:47:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	134169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	198160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70473	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.89	113	1777	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	
50) Toluene-d8	10.33	98	209201	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
62) 4-Bromofluorobenzene	12.63	95	80431	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	

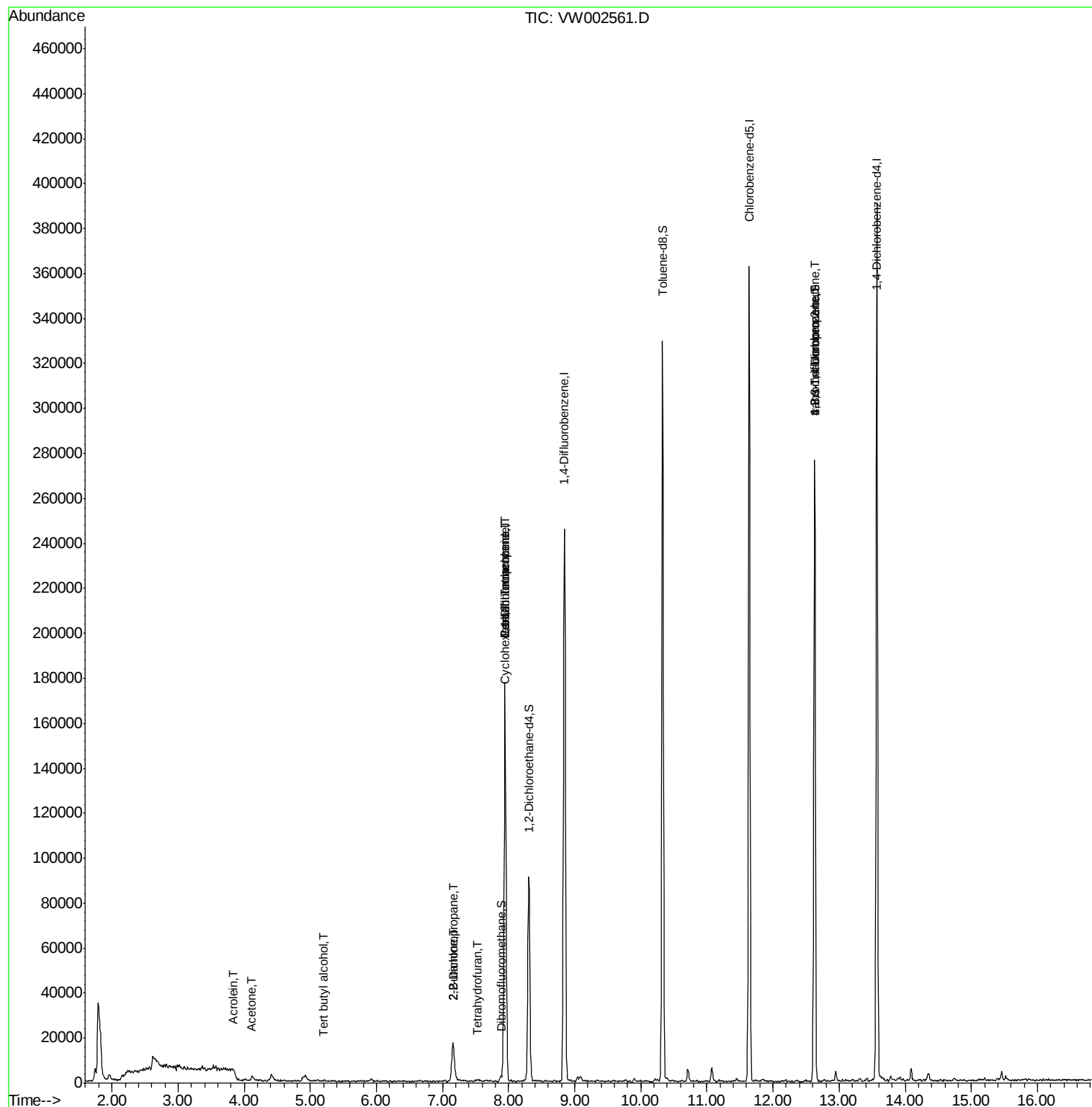
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	344	3.23	ug/l #	89
13) Acrolein	3.84	56	181	1.72	ug/l #	47
16) Acetone	4.12	43	3242	11.08	ug/l	96
20) Methylene Chloride	4.90	84	1198	Below Cal		86
25) 2-Butanone	7.17	43	1431	3.46	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1248	1.00	ug/l #	51
29) Tetrahydrofuran	7.53	42	292	1.13	ug/l #	33
31) Cyclohexane	7.93	56	3128	1.59	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	9830	5.34	ug/l #	53
38) Carbon Tetrachloride	7.95	117	12585	6.98	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	41222	41.54	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41222	113.26	ug/l #	8

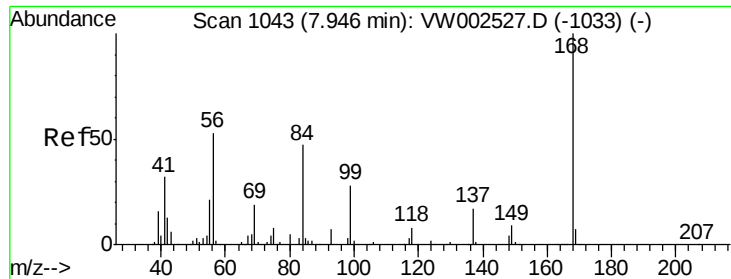
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

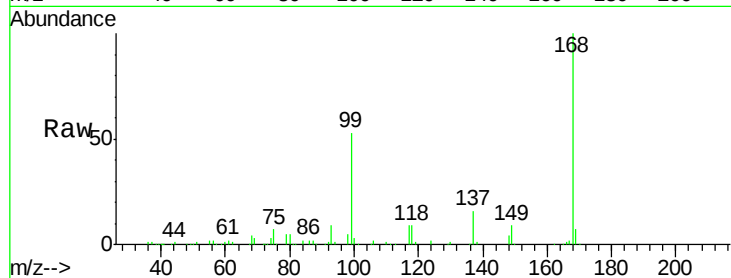
26KV-S2

Tgt Ion:168 Resp: 134169

Ion Ratio Lower Upper

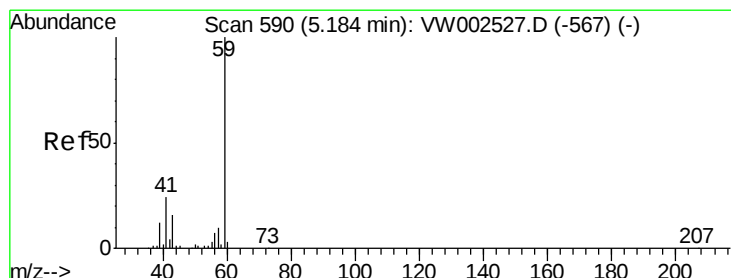
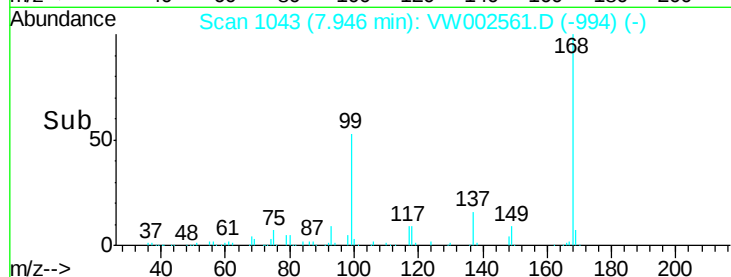
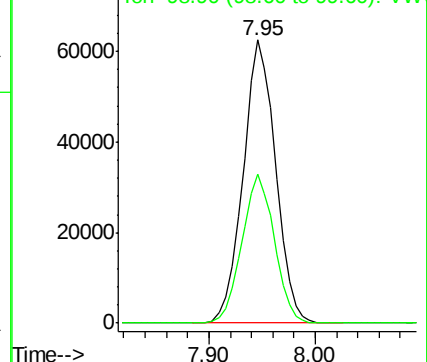
168 100

99 52.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.23 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002561.D

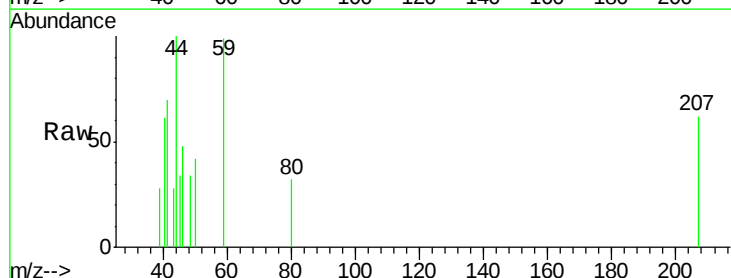
Acq: 15 May 2018 19:54

Tgt Ion: 59 Resp: 344

Ion Ratio Lower Upper

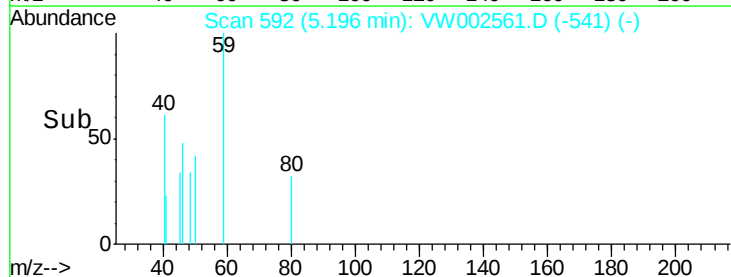
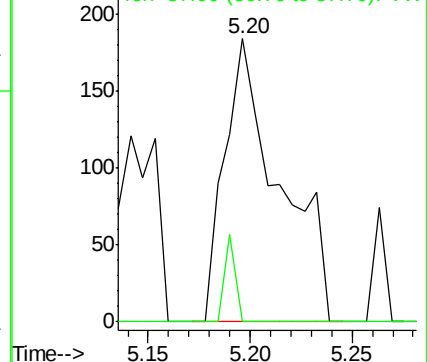
59 100

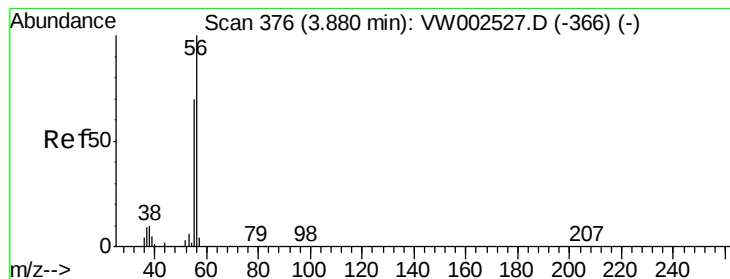
57 6.1 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.72 ug/l

RT: 3.84 min Scan# 369

Delta R.T. -0.04 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Instrument :

MSVOA_W

ClientSampled :

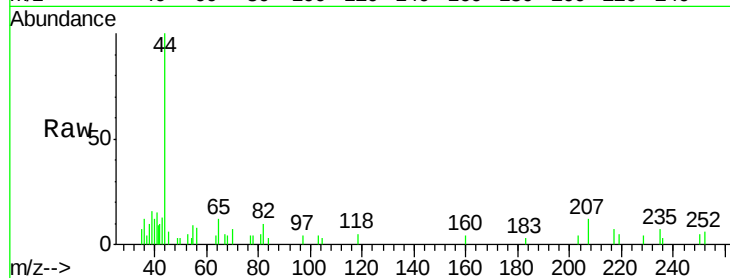
26KV-S2

Tgt Ion: 56 Resp: 181

Ion Ratio Lower Upper

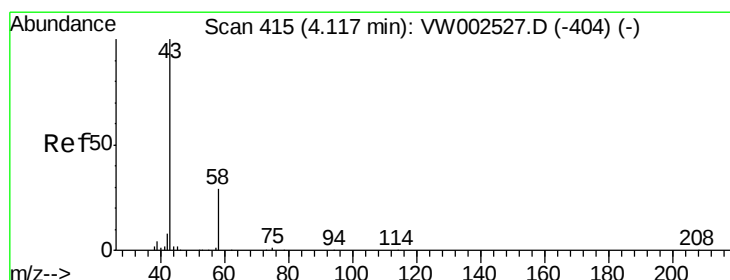
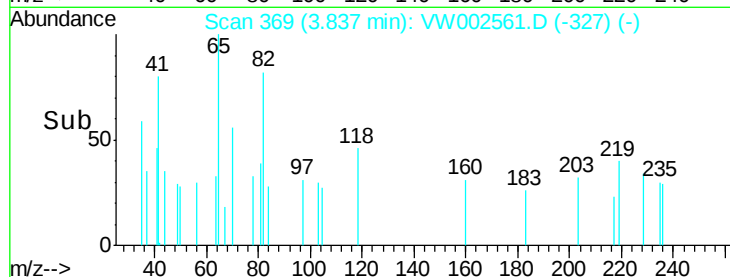
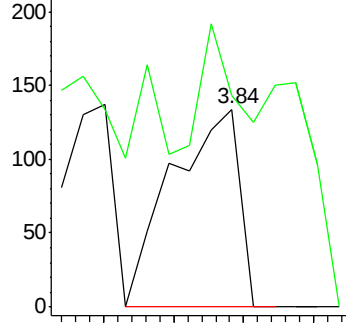
56 100

55 114.9 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 11.08 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002561.D

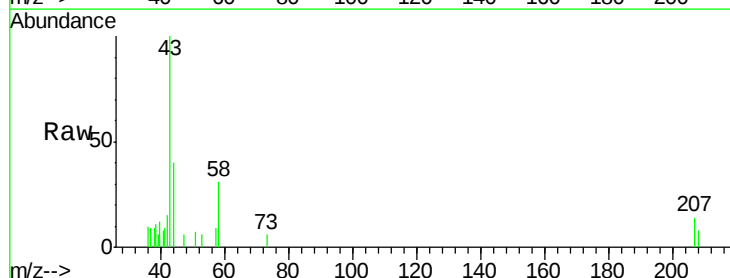
Acq: 15 May 2018 19:54

Tgt Ion: 43 Resp: 3242

Ion Ratio Lower Upper

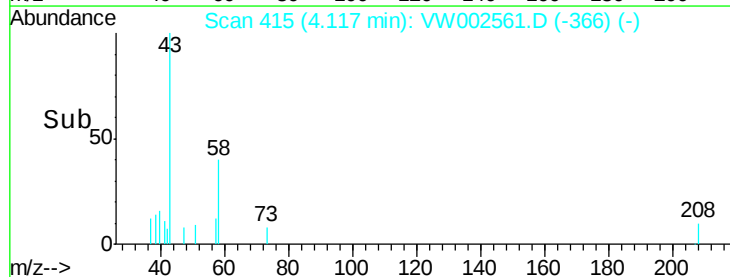
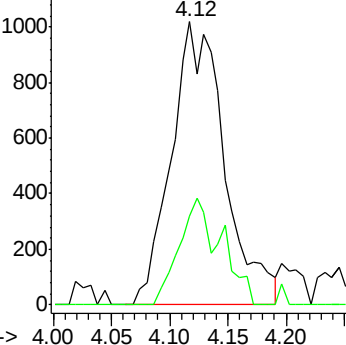
43 100

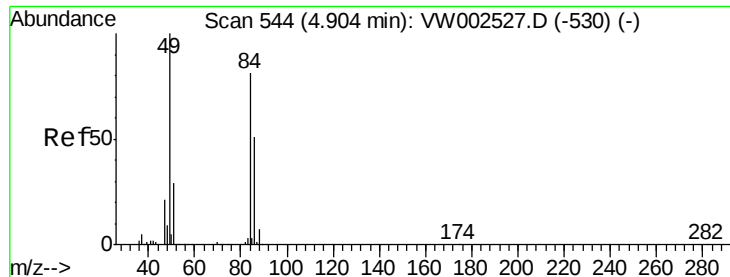
58 31.2 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

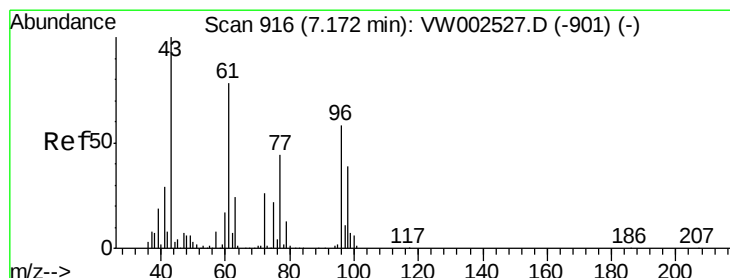
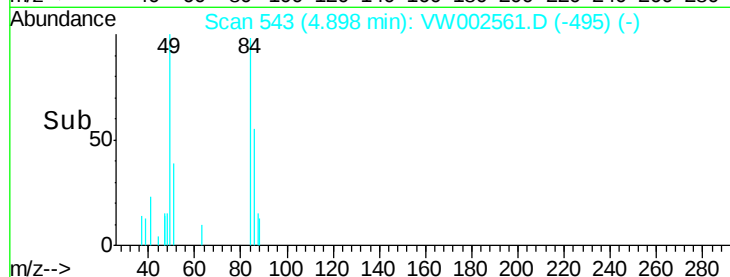
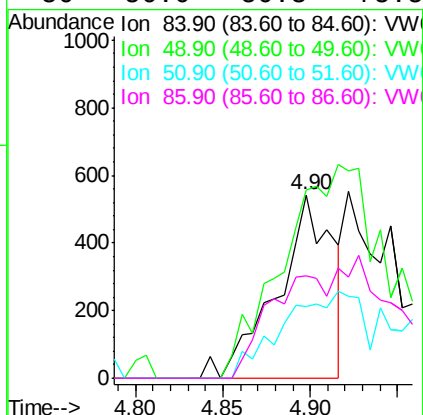
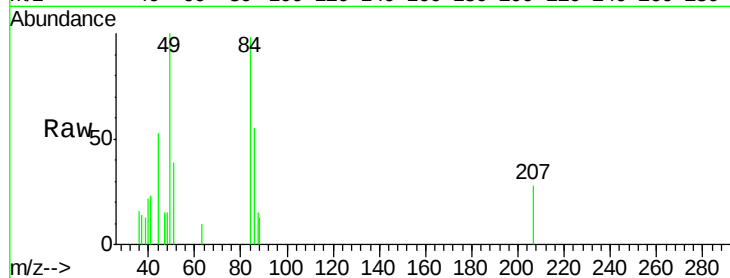




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

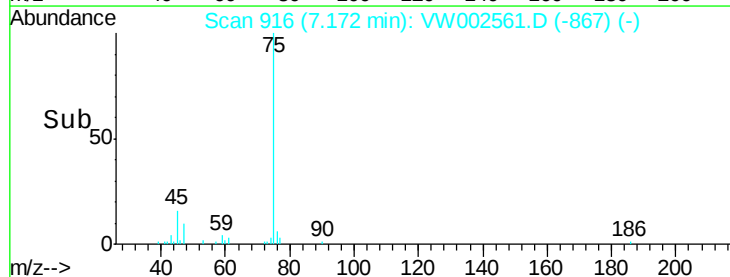
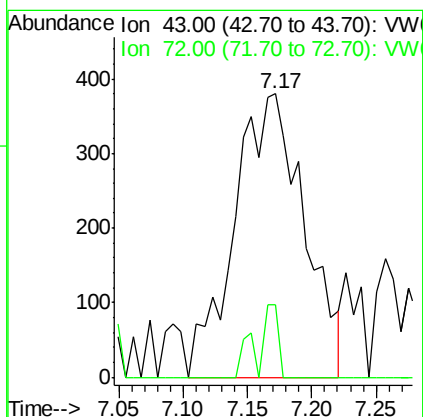
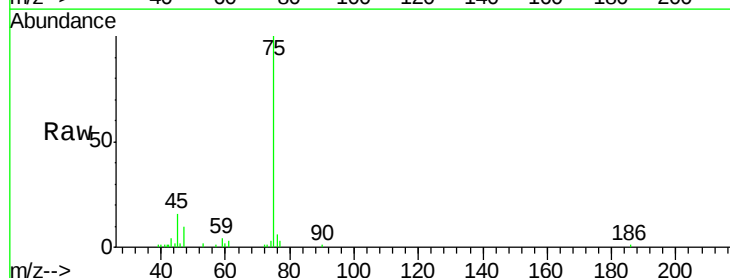
Instrument :
MSVOA_W
ClientSampleId :
26KV-S2

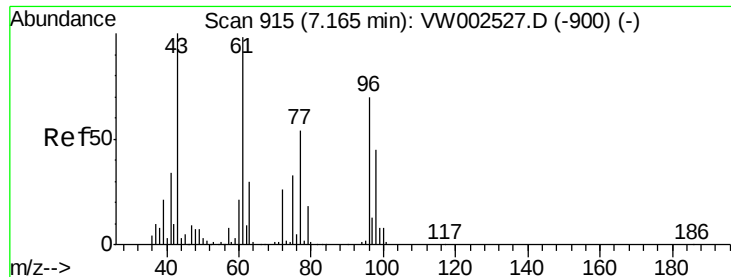
Tgt Ion:	84	Resp:	1198
Ion	Ratio	Lower	Upper
84	100		
49	102.2	99.4	149.0
51	39.4	29.0	43.6
86	56.0	50.3	75.5



#25
2-Butanone
Concen: 3.46 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

Tgt Ion:	43	Resp:	1431
Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.9	31.3





#26

2,2-Dichloropropane

Concen: 1.00 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

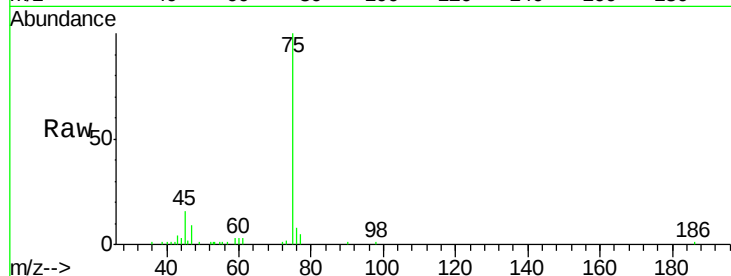
26KV-S2

Tgt Ion: 77 Resp: 1248

Ion Ratio Lower Upper

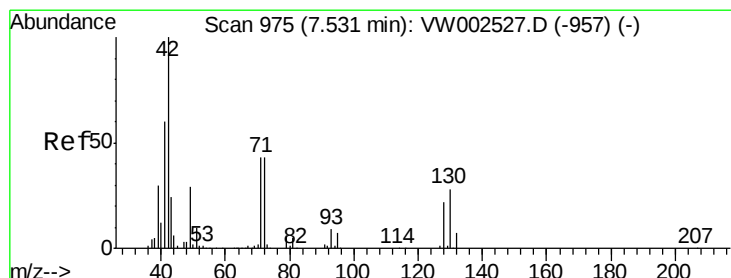
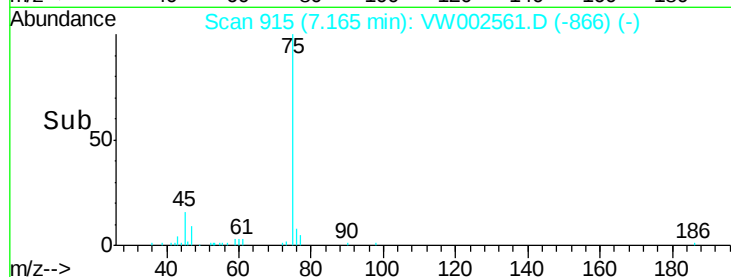
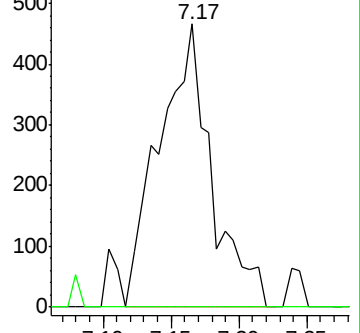
77 100

97 0.0 12.1 36.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 1.13 ug/l

RT: 7.53 min Scan# 974

Delta R.T. -0.01 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

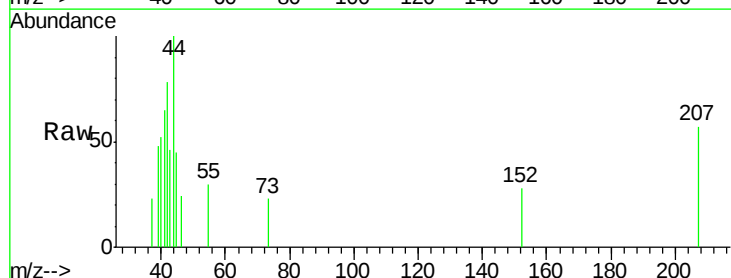
Tgt Ion: 42 Resp: 292

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

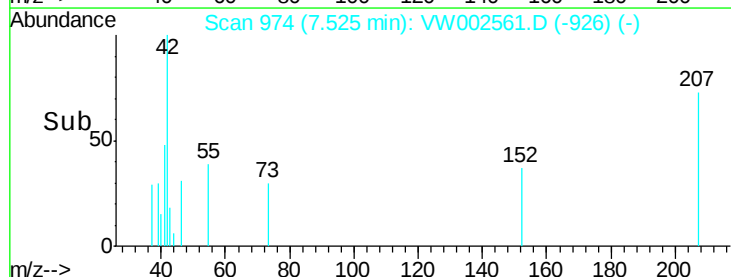
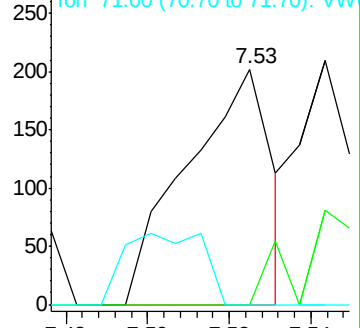
71 0.0 33.0 49.6#

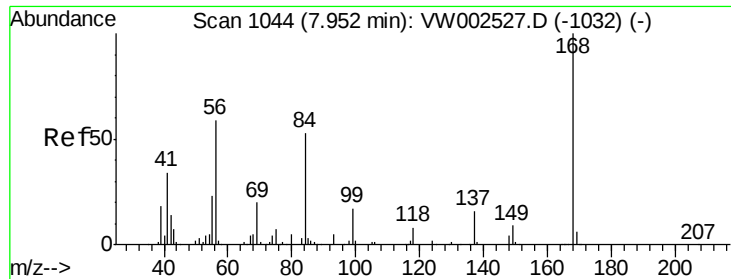


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

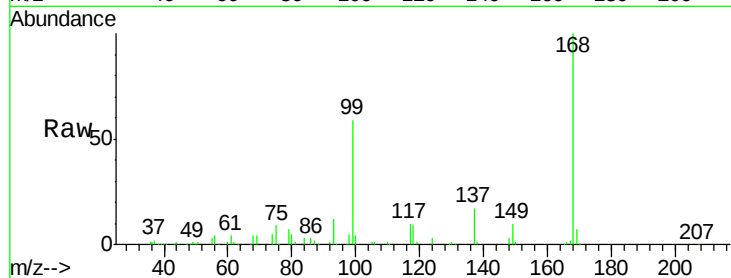




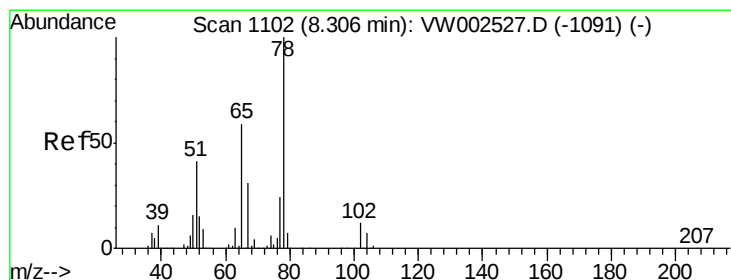
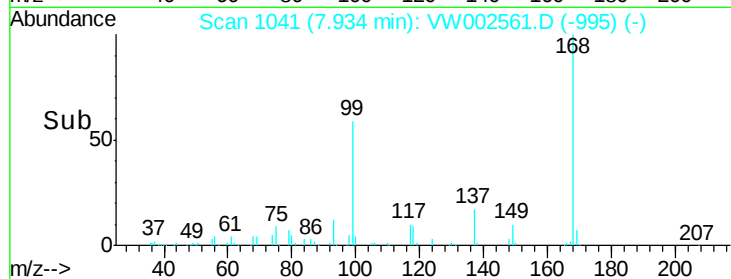
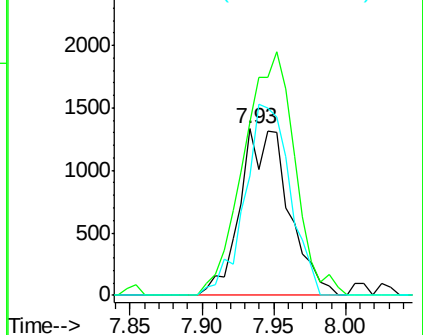
#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.93 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
26KV-S2

Tgt Ion: 56 Resp: 3128
Ion Ratio Lower Upper
56 100
69 104.3 27.0 40.4#
84 72.0 72.2 108.2#

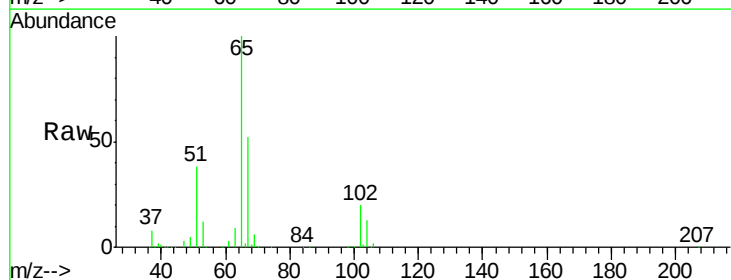


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

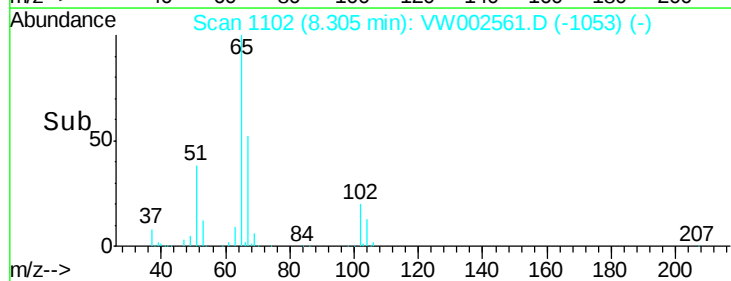
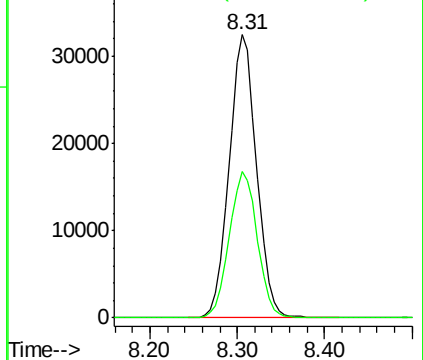


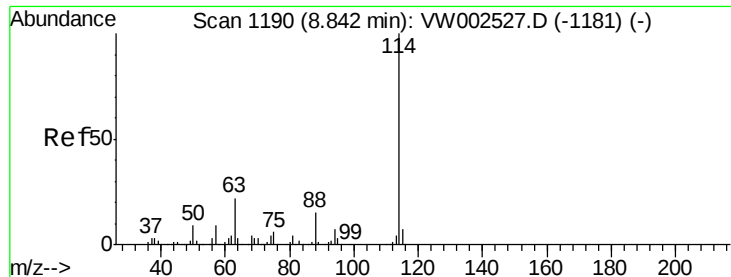
#33
1,2-Dichloroethane-d4
Concen: 50.83 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

Tgt Ion: 65 Resp: 70473
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4



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

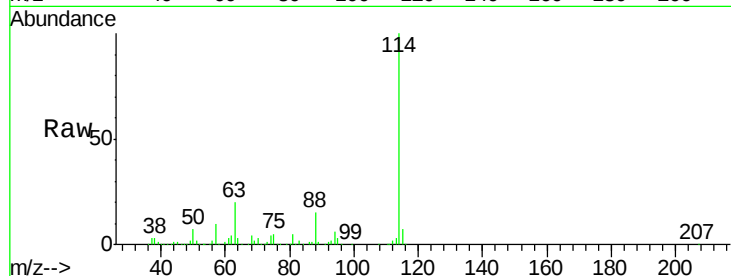




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002561.D
 Acq: 15 May 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 26KV-S2

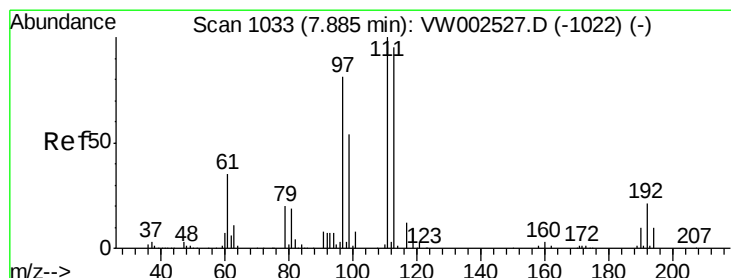
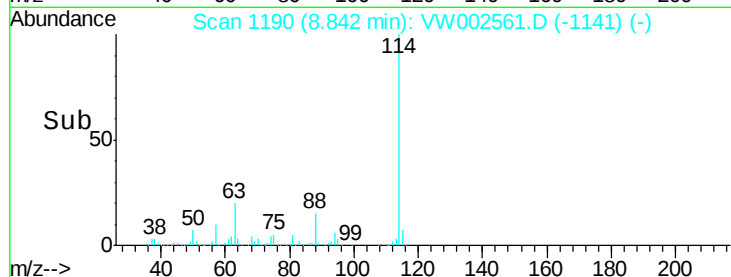
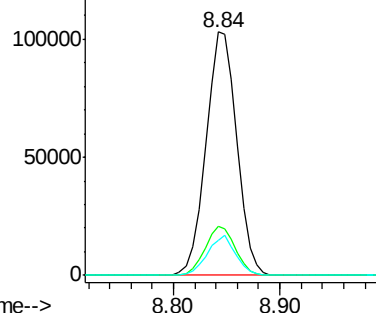
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	14.6	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

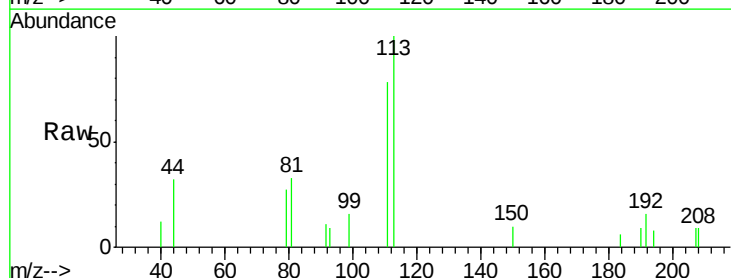
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 1.34 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW002561.D
 Acq: 15 May 2018 19:54

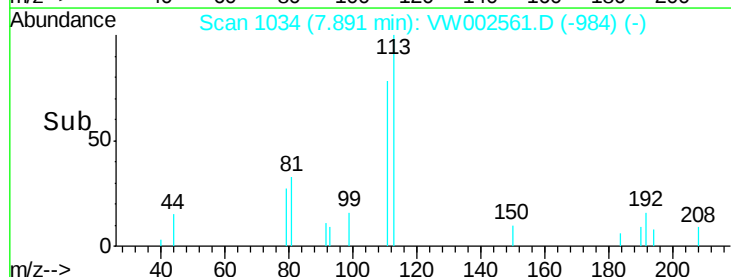
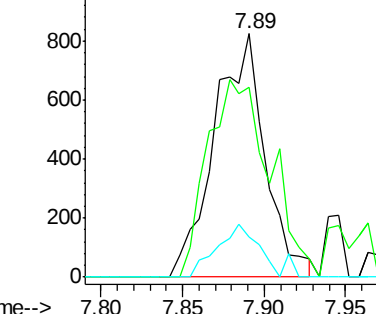
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.8	122.8
192	17.4	17.5	26.3#

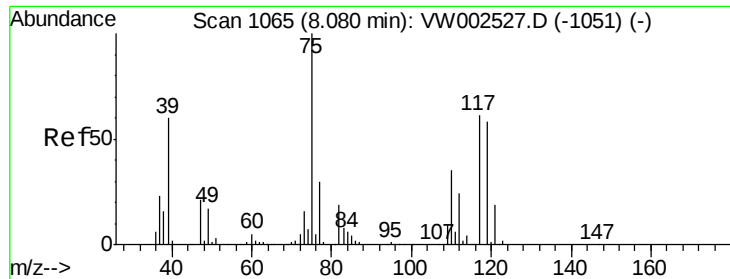


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

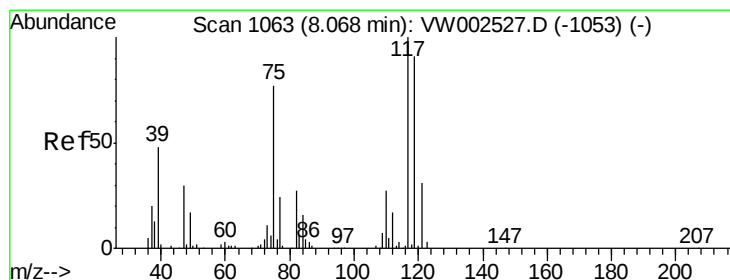
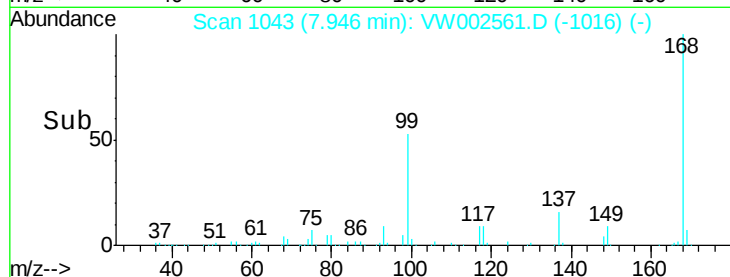
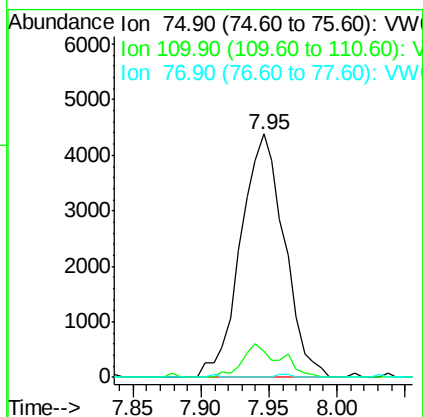
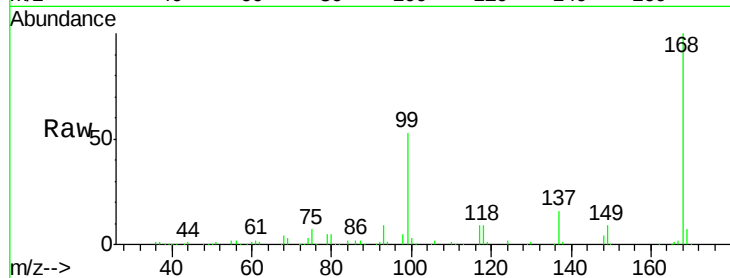




#36
 1,1-Dichloropropene
 Concen: 5.34 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002561.D
 Acq: 15 May 2018 19:54

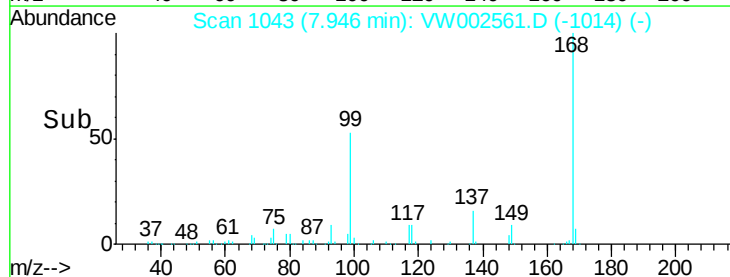
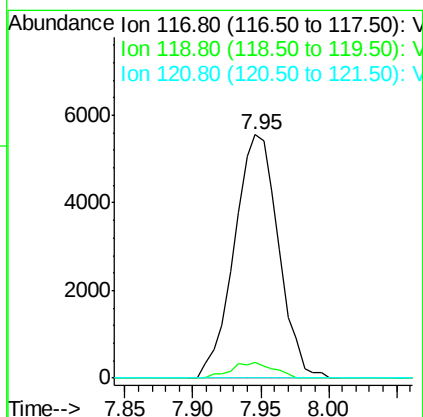
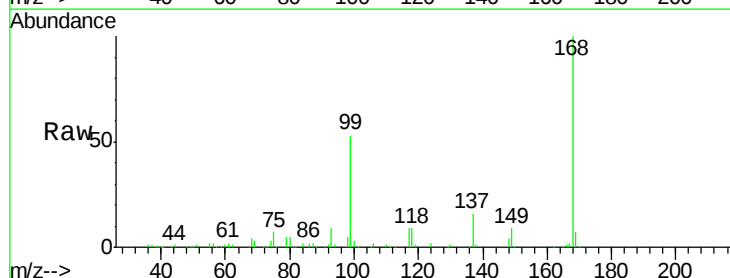
Instrument :
 MSVOA_W
 ClientSampleId :
 26KV-S2

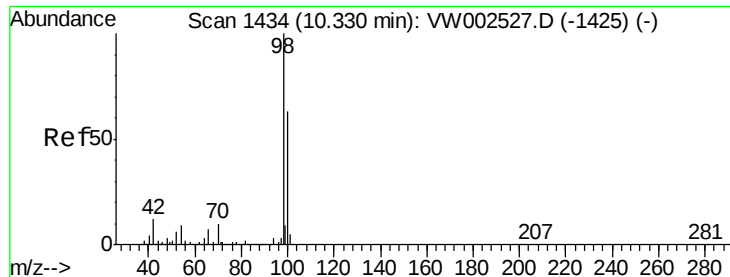
Tgt Ion: 75 Resp: 9830
 Ion Ratio Lower Upper
 75 100
 110 11.9 17.8 53.5#
 77 0.4 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.98 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002561.D
 Acq: 15 May 2018 19:54

Tgt Ion: 117 Resp: 12585
 Ion Ratio Lower Upper
 117 100
 119 6.7 73.1 109.7#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 41.56 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

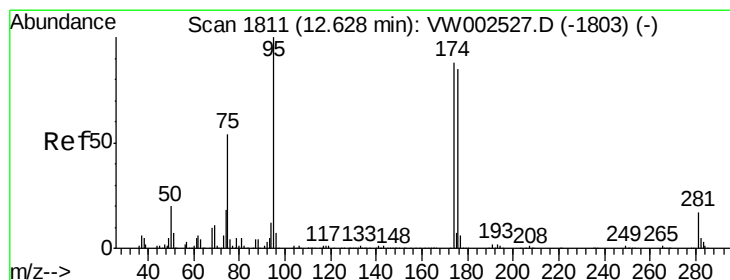
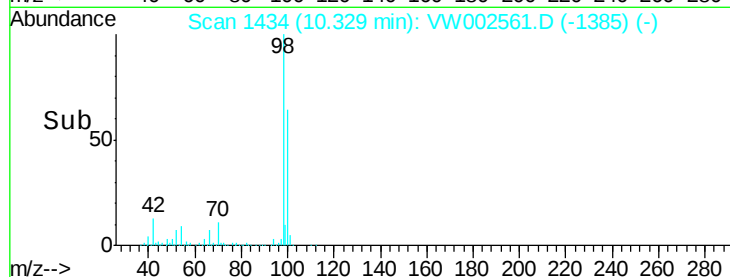
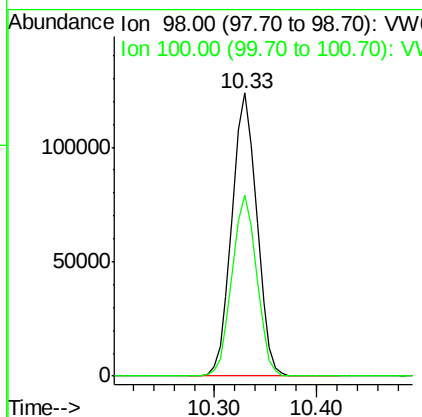
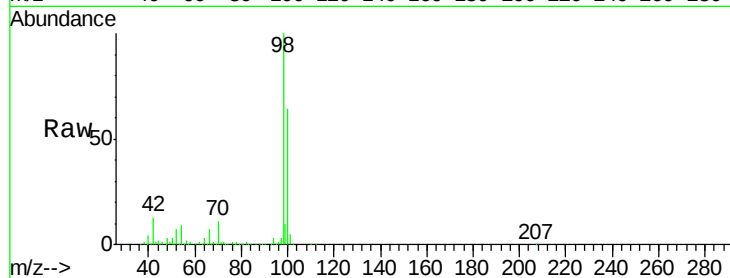
26KV-S2

Tgt Ion: 98 Resp: 209201

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 43.70 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

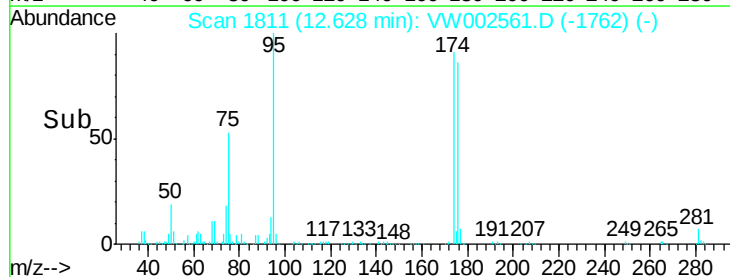
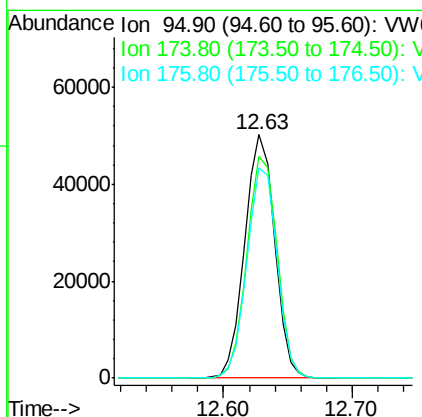
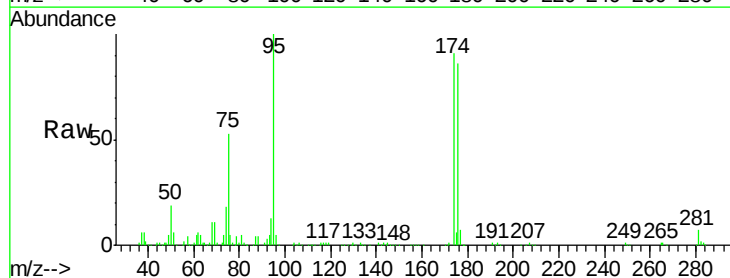
Tgt Ion: 95 Resp: 80431

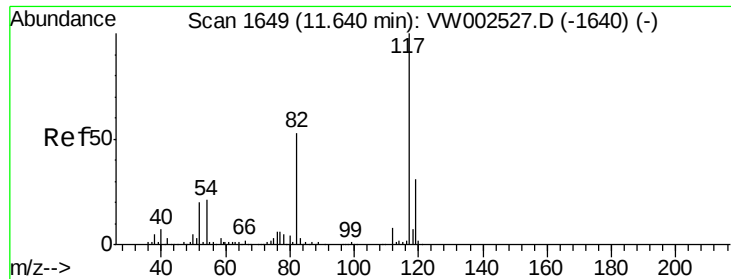
Ion Ratio Lower Upper

95 100

174 91.9 0.0 176.6

176 87.0 0.0 172.2

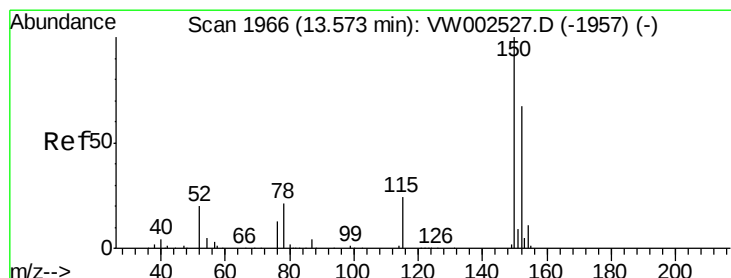
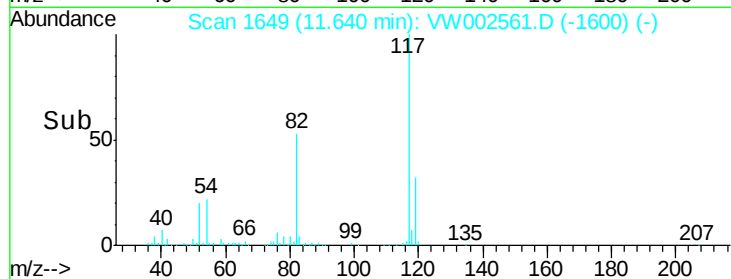
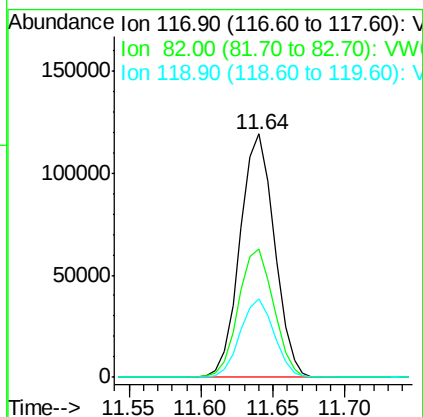
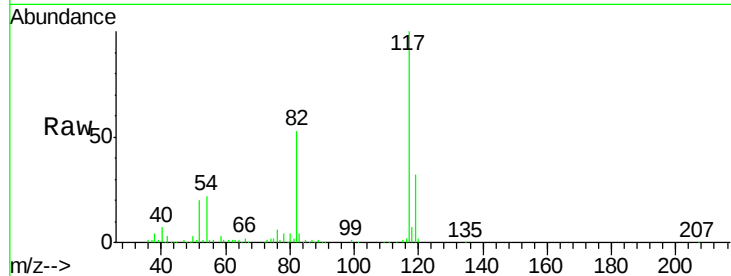




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

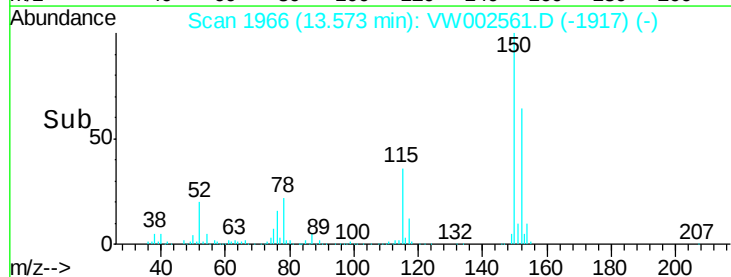
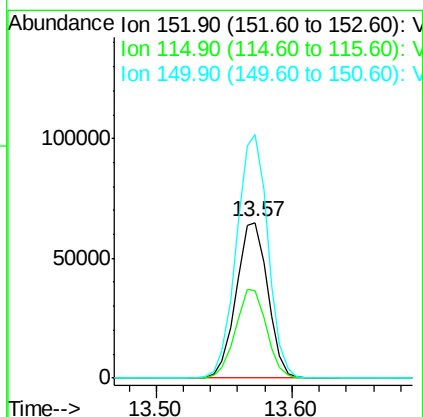
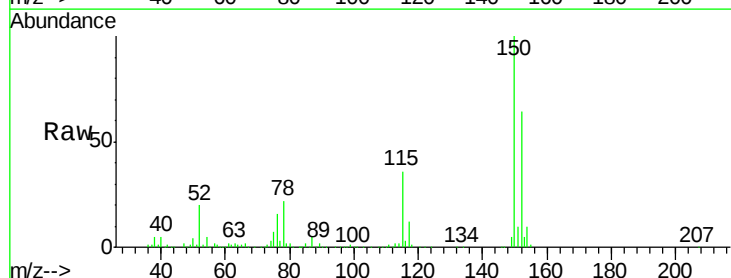
Instrument :
MSVOA_W
ClientSampleId :
26KV-S2

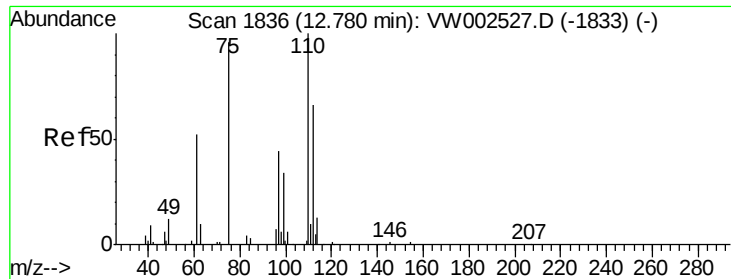
Tgt Ion:117 Resp: 198160
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002561.D
Acq: 15 May 2018 19:54

Tgt Ion:152 Resp: 104977
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 156.0 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 41.54 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

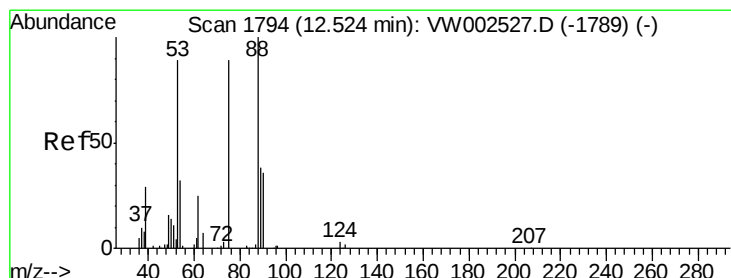
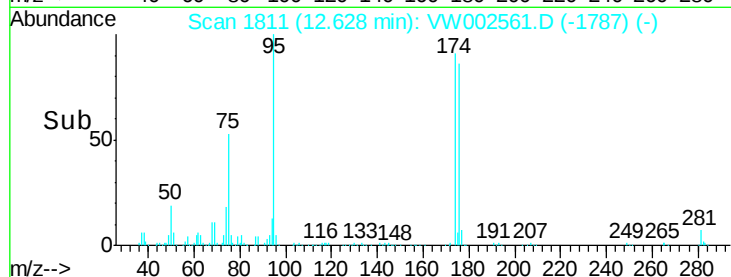
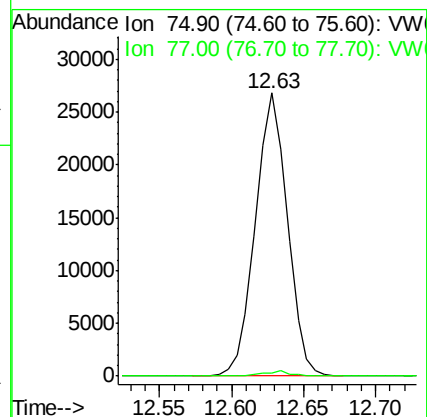
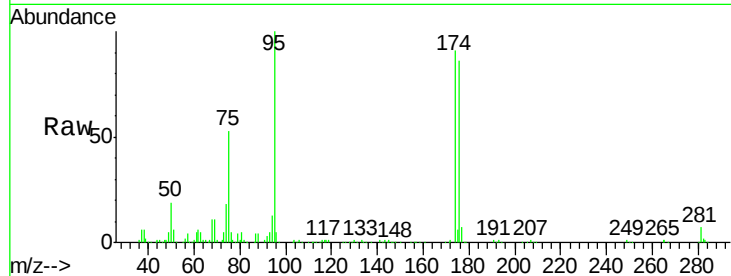
26KV-S2

Tgt Ion: 75 Resp: 41222

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.26 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002561.D

Acq: 15 May 2018 19:54

Tgt Ion: 75 Resp: 41222

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 39.2 58.8#

