

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002541.D
 Acq On : 15 May 2018 04:46
 Operator : JC/SY
 Sample : J2870-14
 Misc : 3.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-A2

Quant Time: May 15 07:33:40 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	138506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	225589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	194198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	84419	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	74161	51.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.64%	
35) Dibromofluoromethane	7.88	113	70730	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
50) Toluene-d8	10.33	98	210406	38.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.28%	
62) 4-Bromofluorobenzene	12.63	95	72899	36.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.22%	

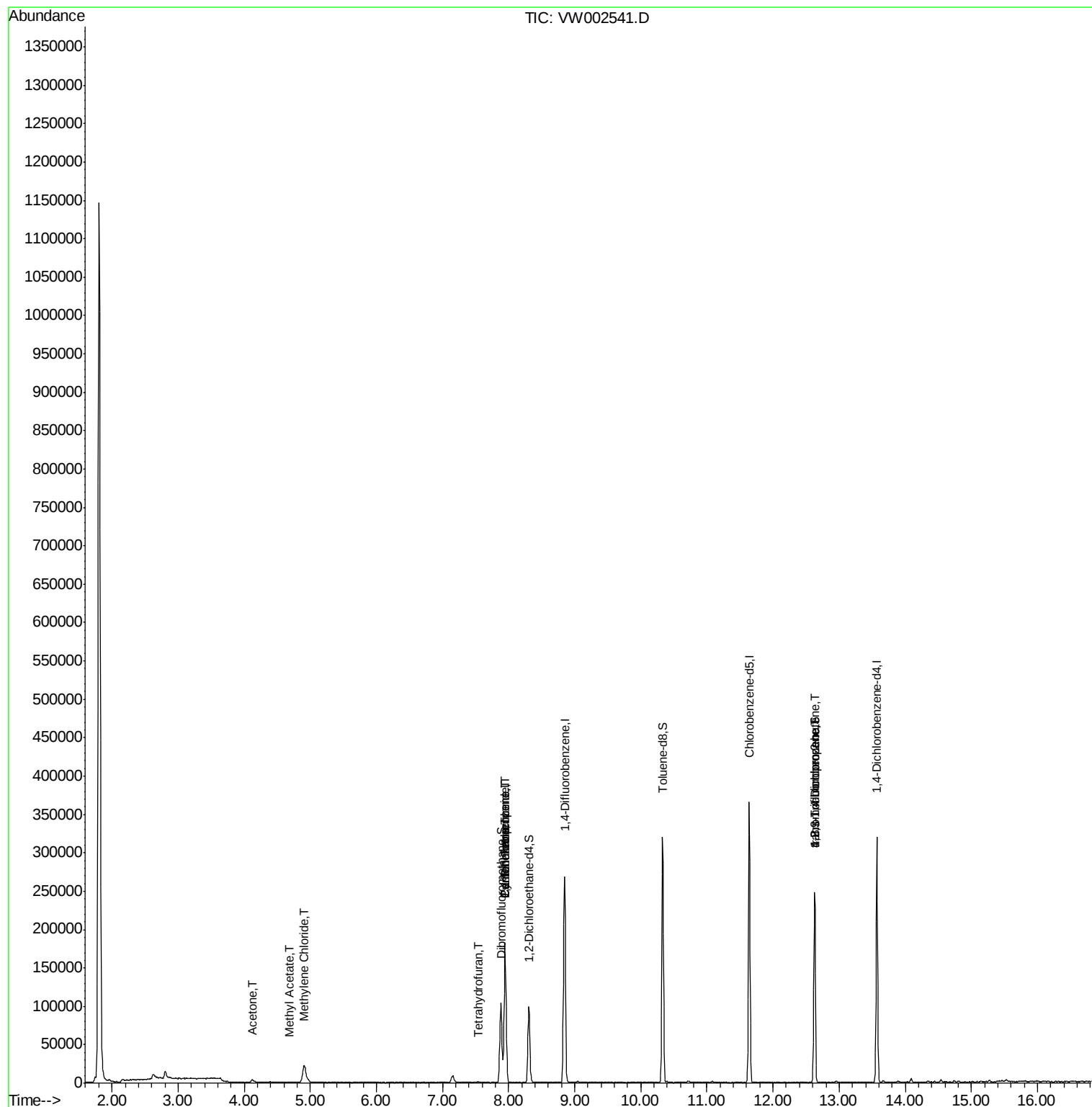
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5935	19.64	ug/l	98
18) Methyl Acetate	4.68	43	983	1.12	ug/l #	85
20) Methylene Chloride	4.91	84	20652	15.27	ug/l	97
29) Tetrahydrofuran	7.54	42	653	2.45	ug/l #	85
31) Cyclohexane	7.95	56	3178	1.56	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10293	5.17	ug/l #	51
38) Carbon Tetrachloride	7.95	117	13963	7.16	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	38251	47.93	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	38251	130.69	ug/l #	8

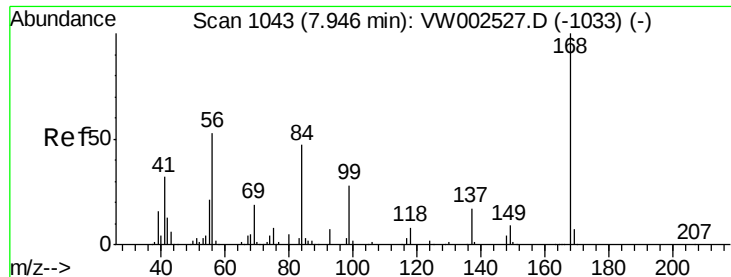
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002541.D

Acq: 15 May 2018 04:46

Instrument :

MSVOA_W

ClientSampled :

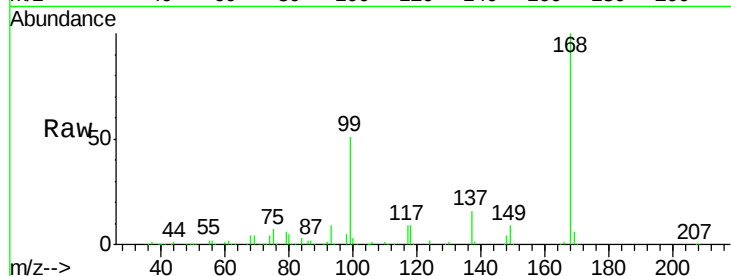
SP-A2

Tgt Ion:168 Resp: 138506

Ion Ratio Lower Upper

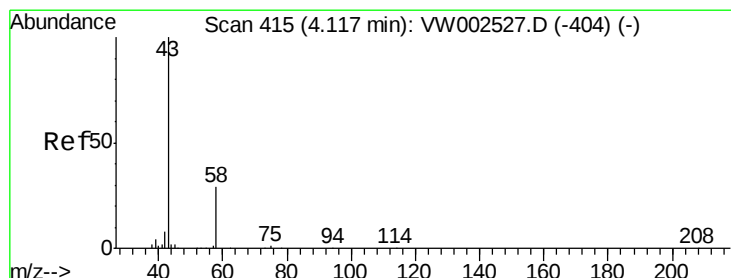
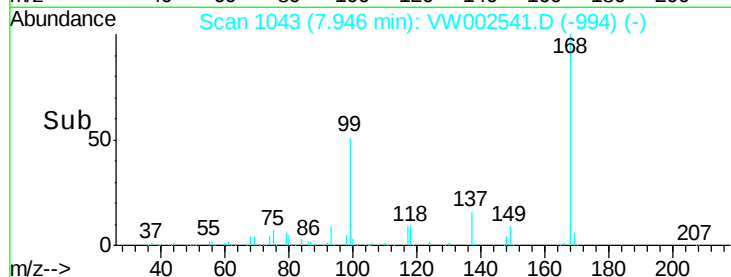
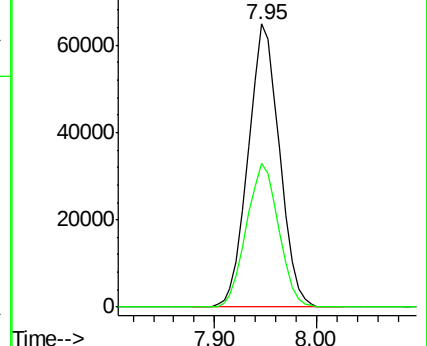
168 100

99 50.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.64 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002541.D

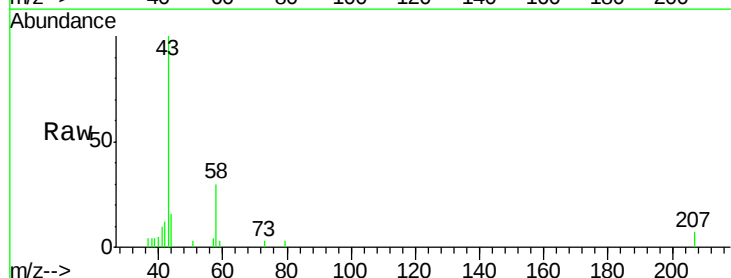
Acq: 15 May 2018 04:46

Tgt Ion: 43 Resp: 5935

Ion Ratio Lower Upper

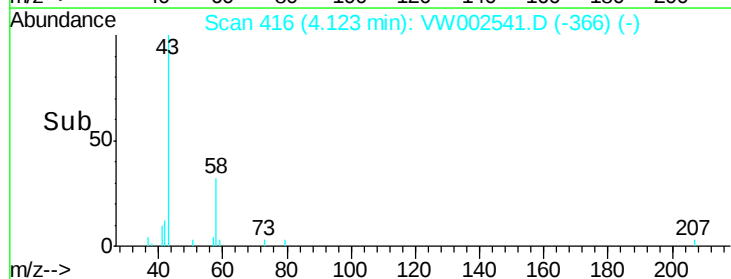
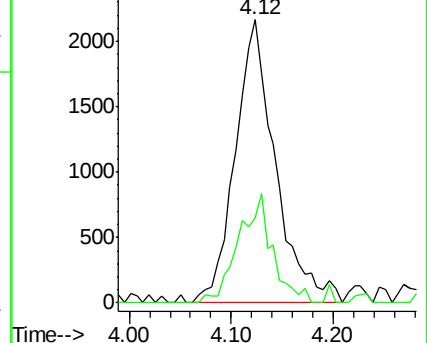
43 100

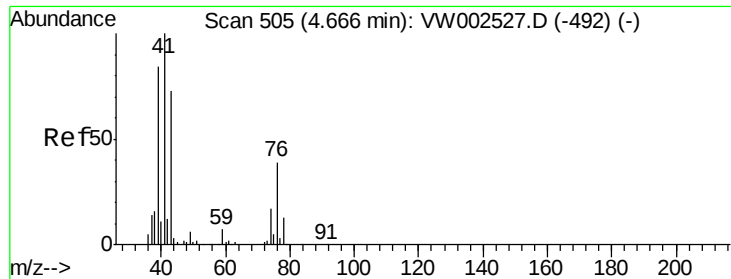
58 30.1 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

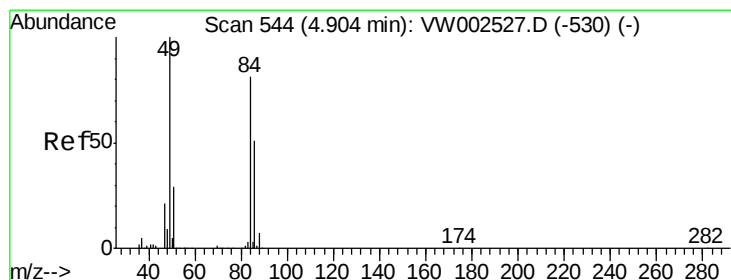
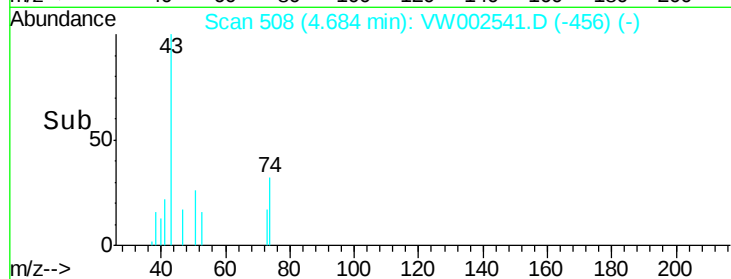
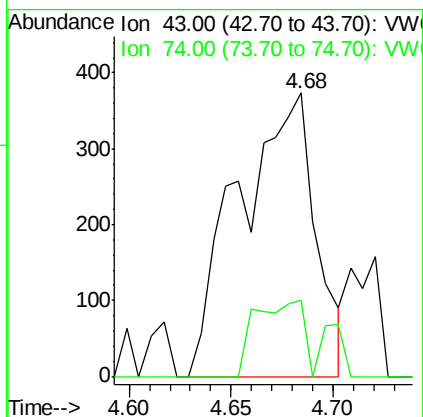
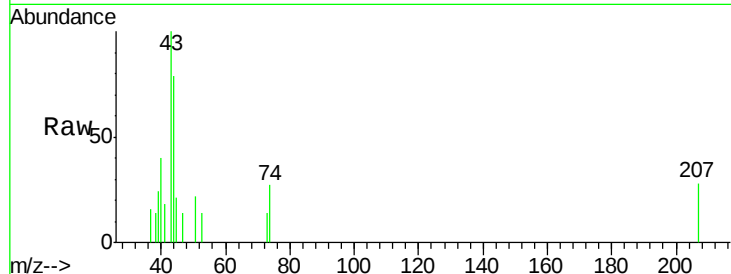




#18
Methyl Acetate
Concen: 1.12 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.02 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

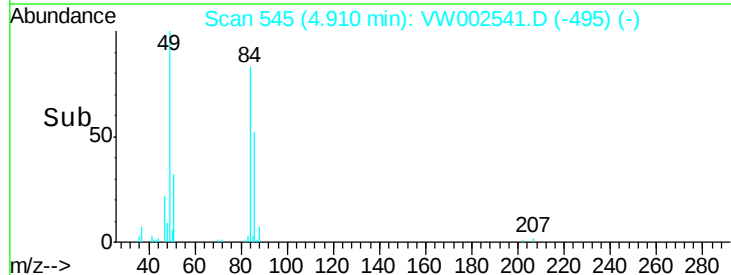
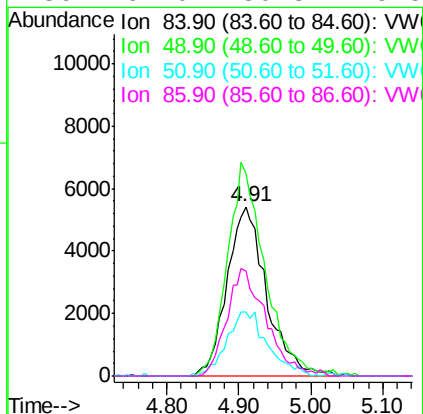
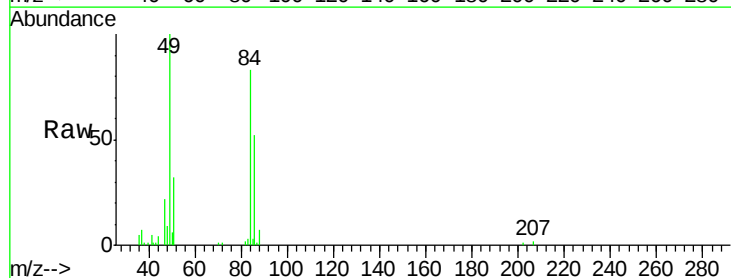
Instrument :
MSVOA_W
ClientSampled :
SP-A2

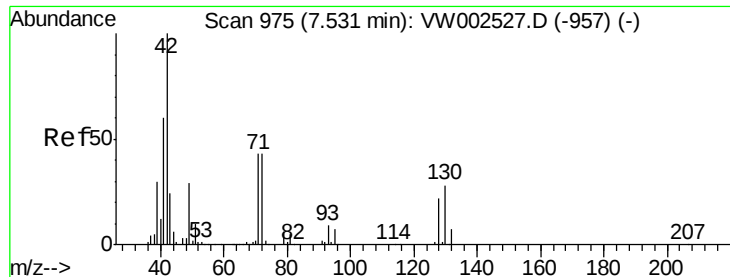
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
74 16.8 19.2 28.8#



#20
Methylene Chloride
Concen: 15.27 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

Tgt Ion: 84 Resp: 20652
Ion Ratio Lower Upper
84 100
49 120.0 99.4 149.0
51 38.1 29.0 43.6
86 62.0 50.3 75.5





#29

Tetrahydrofuran

Concen: 2.45 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW002541.D

Acq: 15 May 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

SP-A2

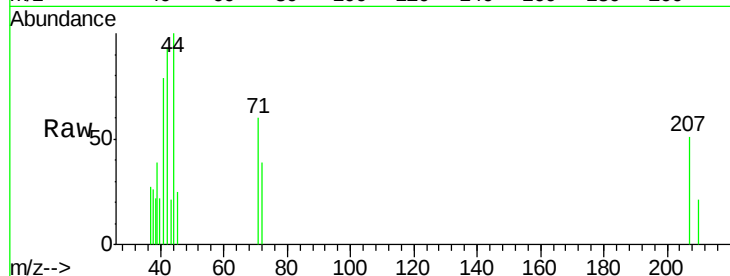
Tgt Ion: 42 Resp: 653

Ion Ratio Lower Upper

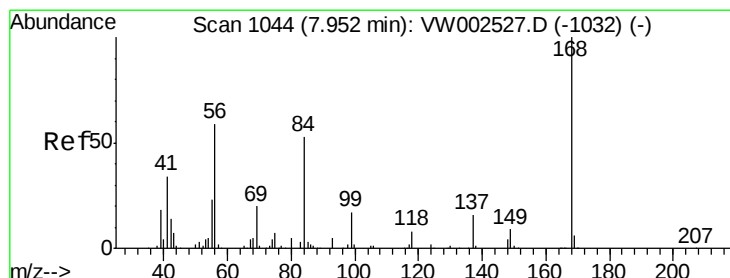
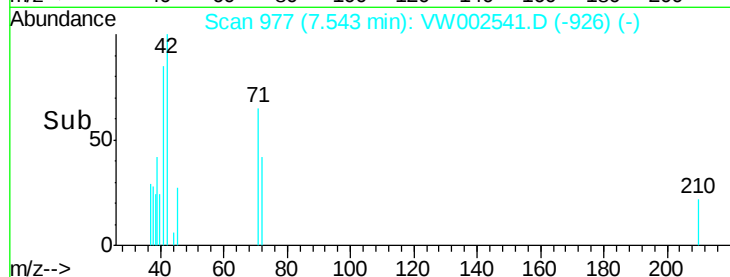
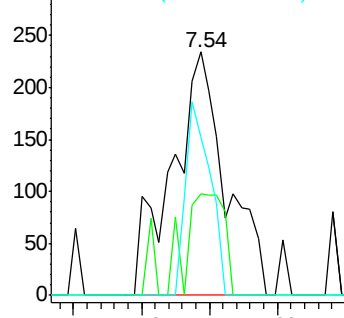
42 100

72 29.9 35.0 52.4#

71 36.1 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: 1.56 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002541.D

Acq: 15 May 2018 04:46

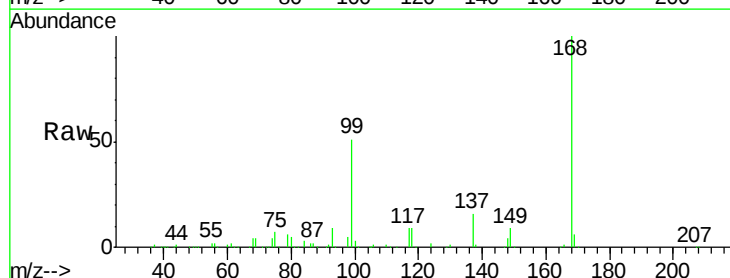
Tgt Ion: 56 Resp: 3178

Ion Ratio Lower Upper

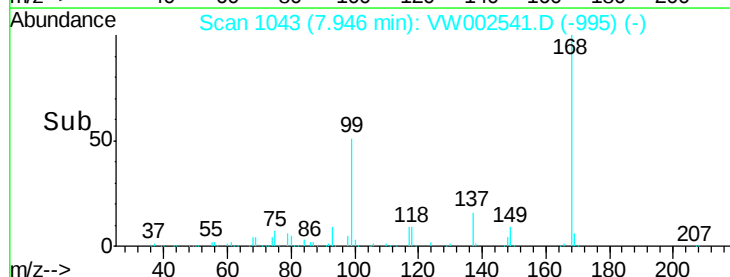
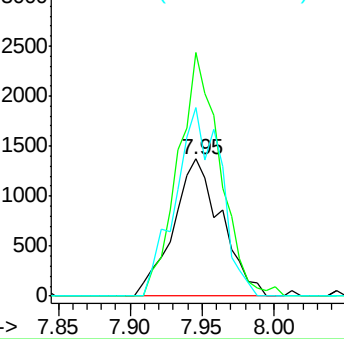
56 100

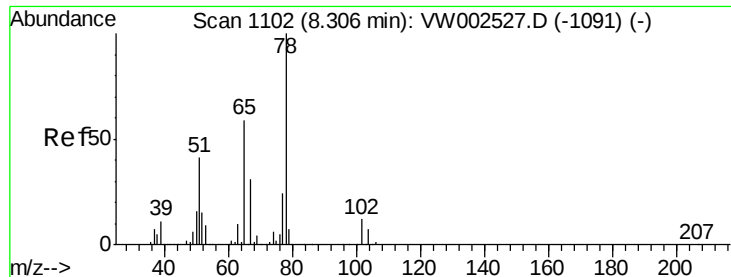
69 177.5 27.0 40.4#

84 137.8 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

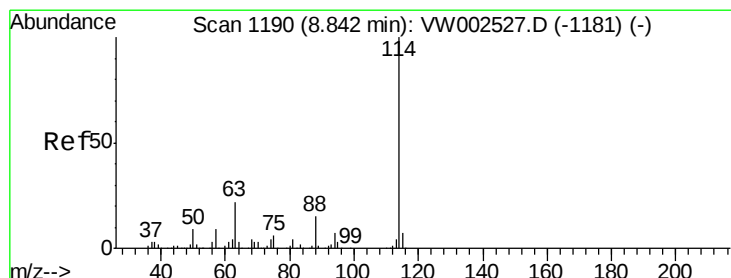
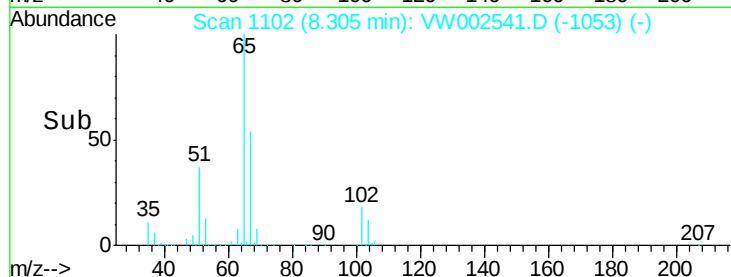
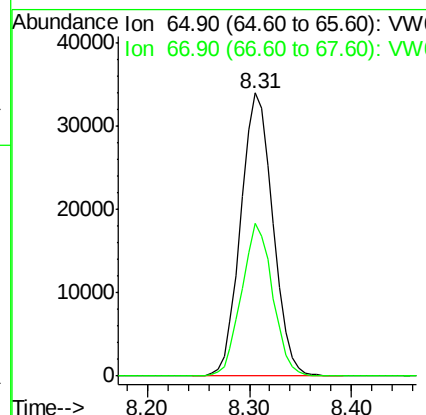
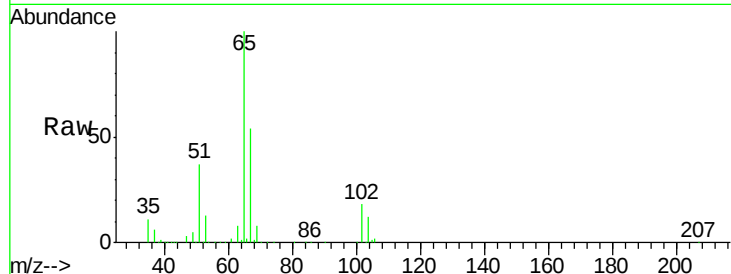




#33
 1,2-Dichloroethane-d4
 Concen: 51.82 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002541.D
 Acq: 15 May 2018 04:46

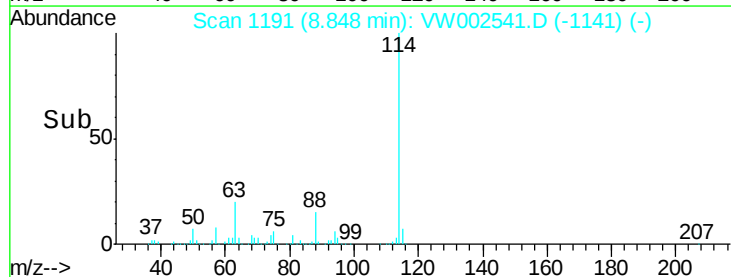
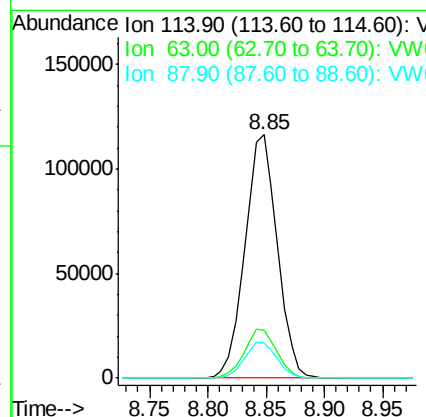
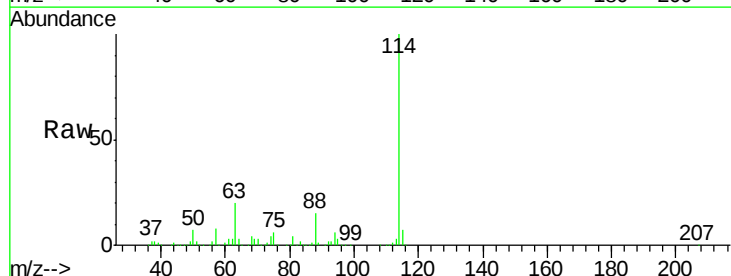
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-A2

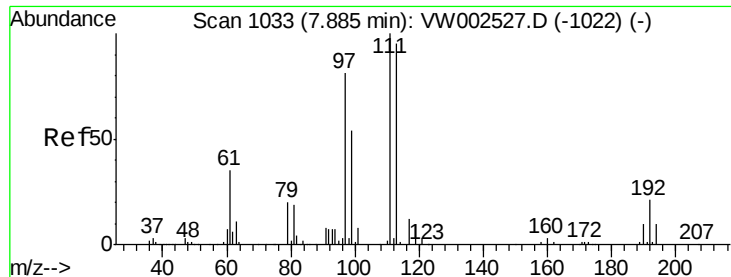
Tgt Ion: 65 Resp: 74161
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002541.D
 Acq: 15 May 2018 04:46

Tgt Ion: 114 Resp: 225589
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.42 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002541.D

Acq: 15 May 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

SP-A2

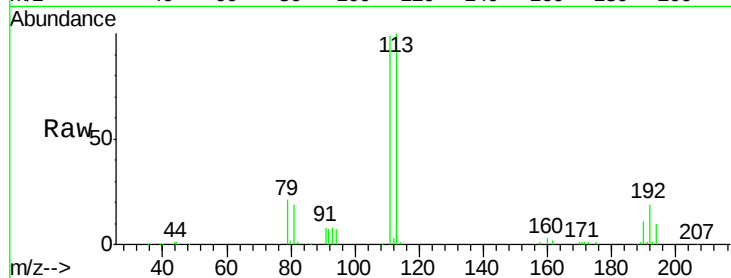
Tgt Ion:113 Resp: 70730

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

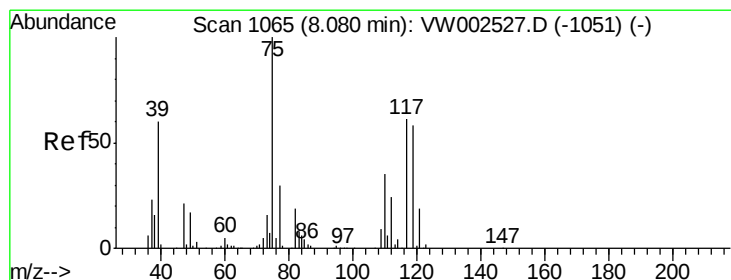
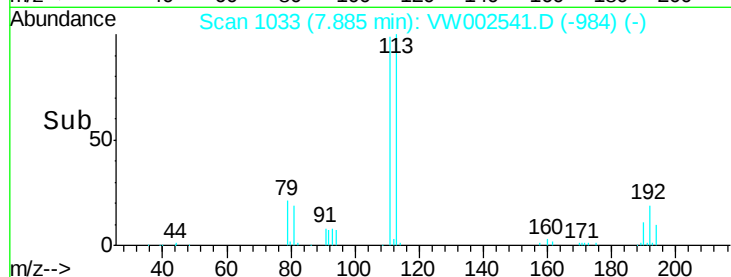
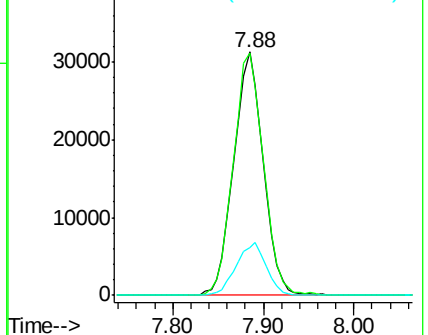
192 21.9 17.5 26.3



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: 5.17 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW002541.D

Acq: 15 May 2018 04:46

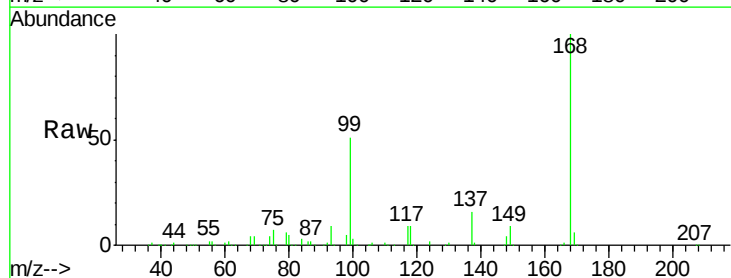
Tgt Ion: 75 Resp: 10293

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.5#

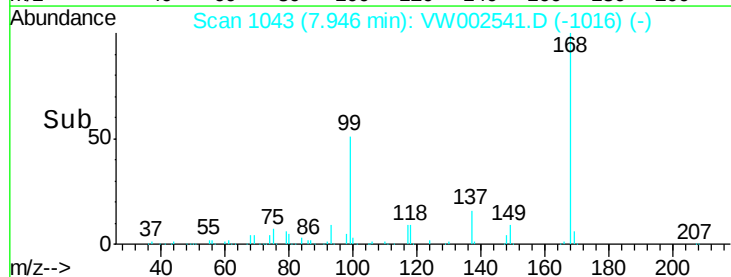
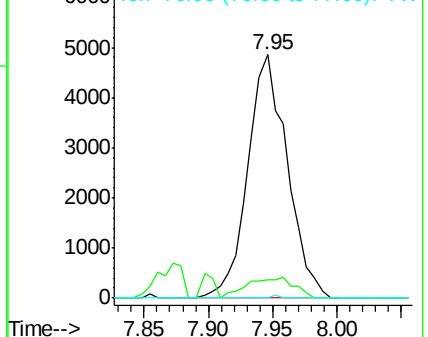
77 0.2 24.5 36.7#

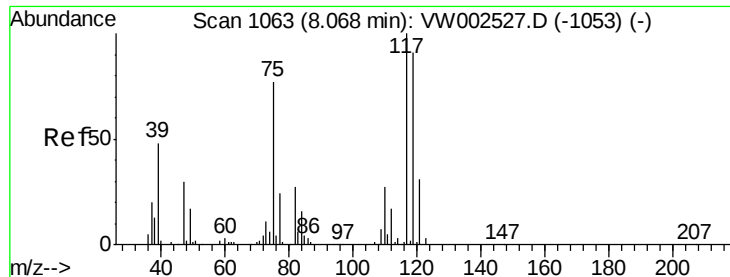


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

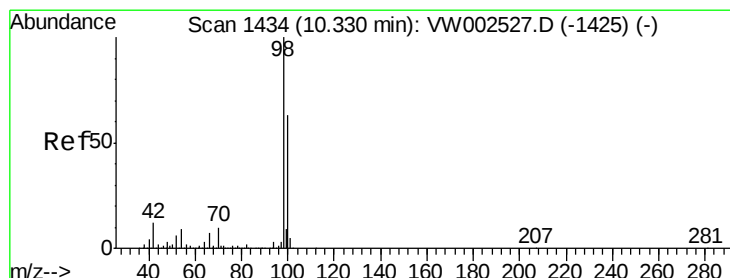
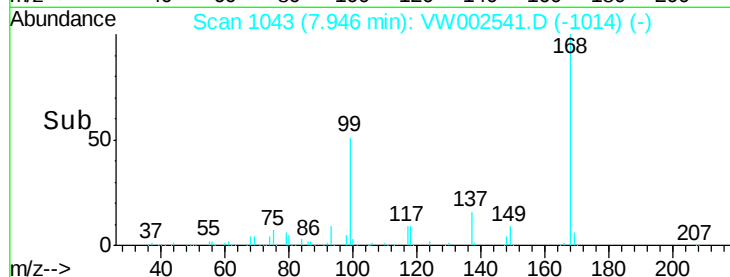
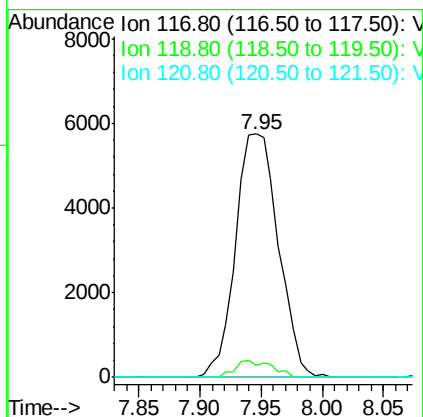
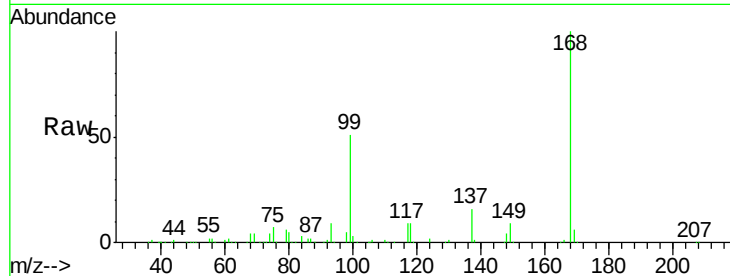




#38
Carbon Tetrachloride
Concen: 7.16 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

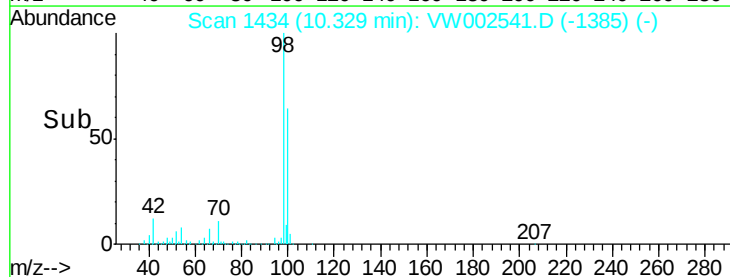
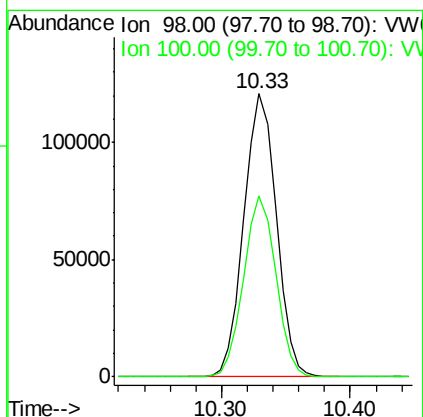
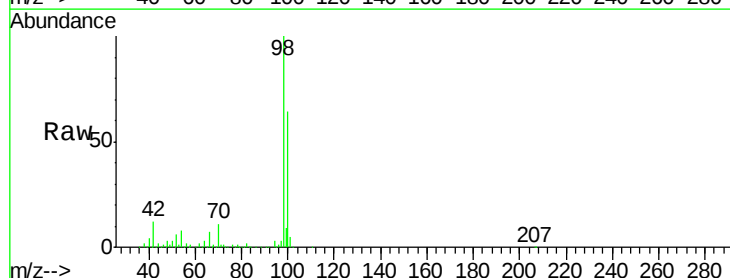
Instrument :
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SP-A2

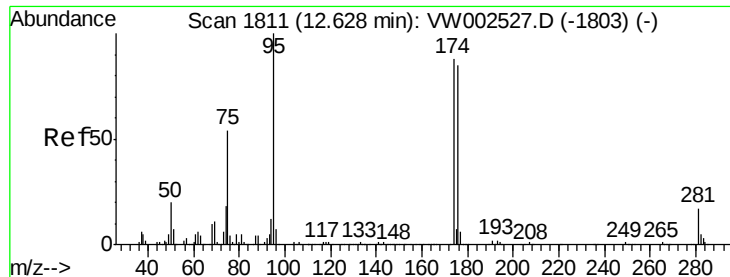
Tgt Ion: 117 Resp: 13963
Ion Ratio Lower Upper
117 100
119 4.8 73.1 109.7#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 38.64 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

Tgt Ion: 98 Resp: 210406
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4

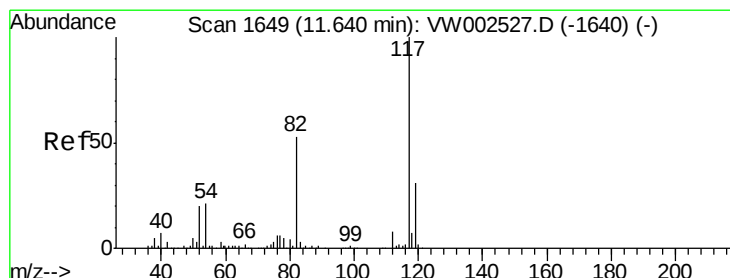
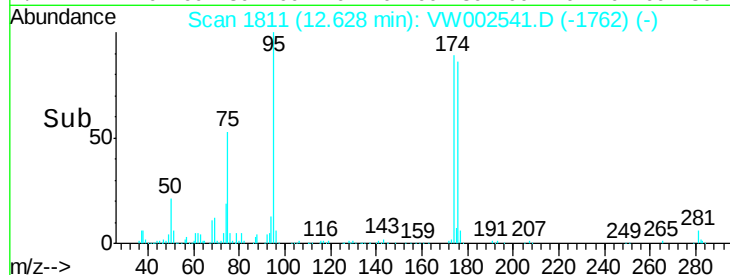
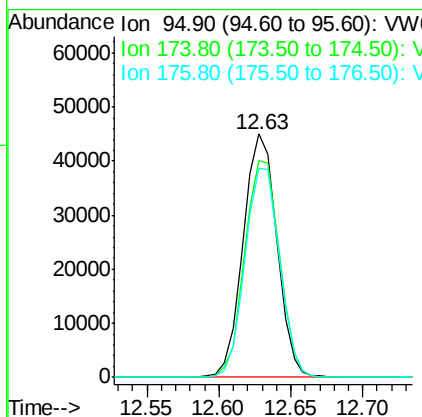
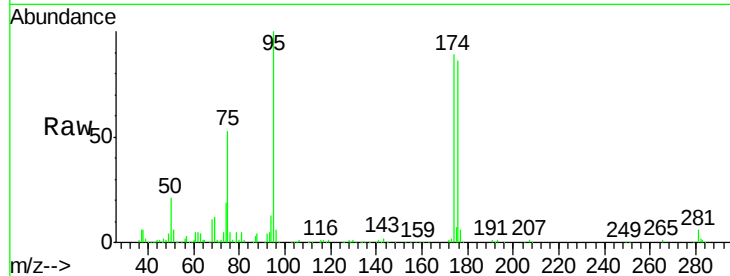




#62
4-Bromofluorobenzene
Concen: 36.61 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

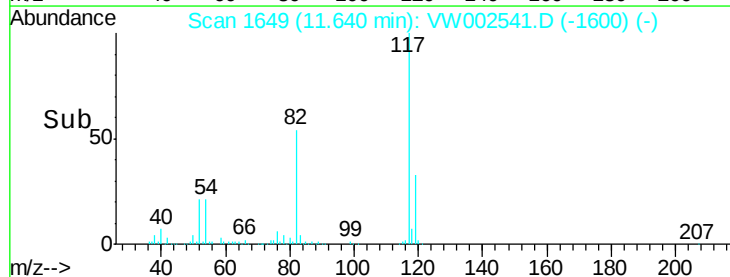
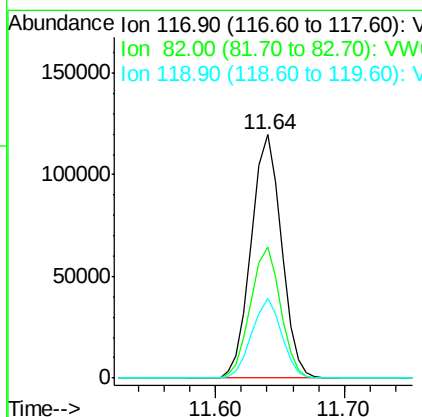
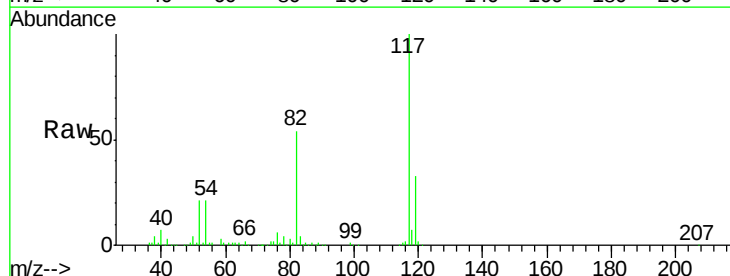
Instrument :
MSVOA_W
ClientSampleId :
SP-A2

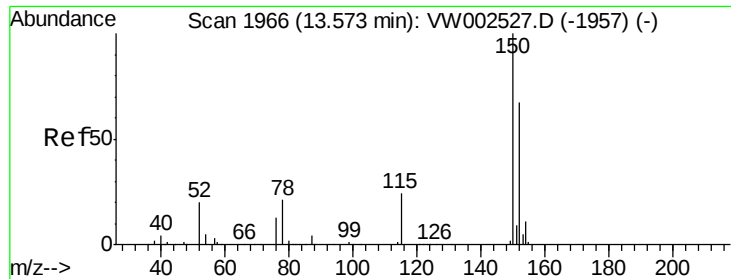
Tgt Ion: 95 Resp: 72899
Ion Ratio Lower Upper
95 100
174 91.8 0.0 176.6
176 87.9 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002541.D
Acq: 15 May 2018 04:46

Tgt Ion: 117 Resp: 194198
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.8 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: VW002541.D

Acq: 15 May 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

SP-A2

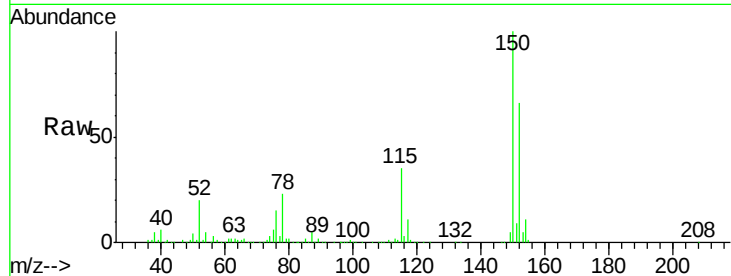
Tgt Ion:152 Resp: 84419

Ion Ratio Lower Upper

152 100

115 54.5 28.0 84.0

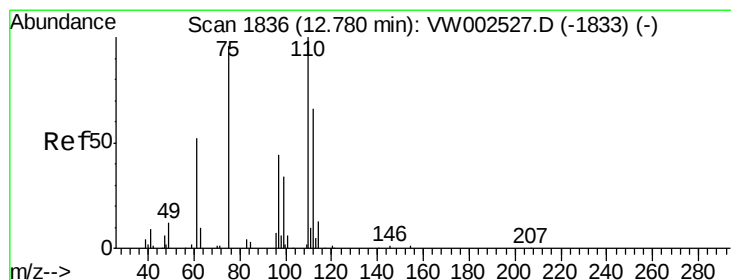
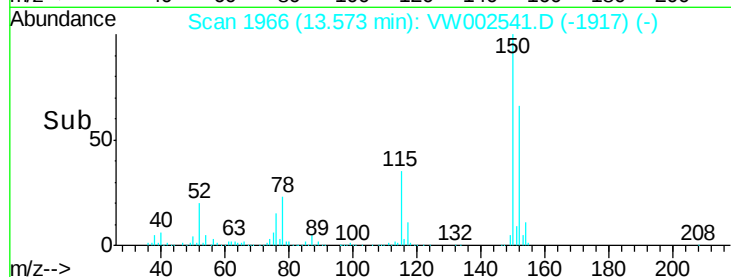
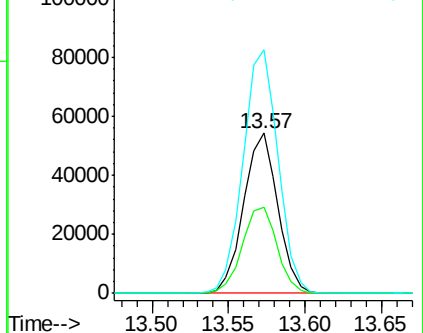
150 155.5 0.0 345.4



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: 47.93 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002541.D

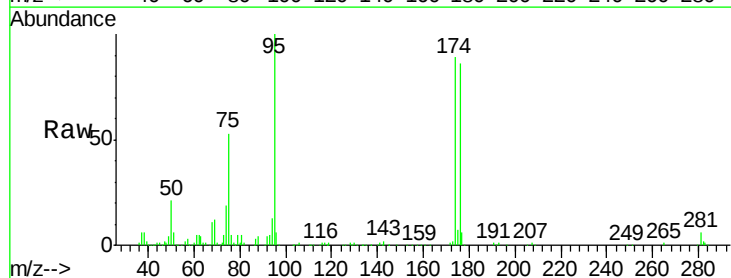
Acq: 15 May 2018 04:46

Tgt Ion: 75 Resp: 38251

Ion Ratio Lower Upper

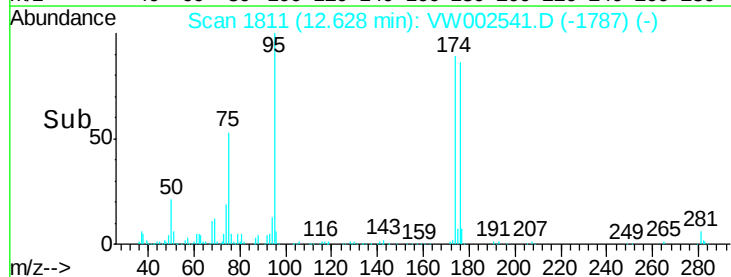
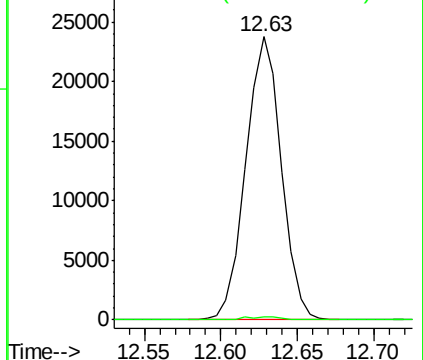
75 100

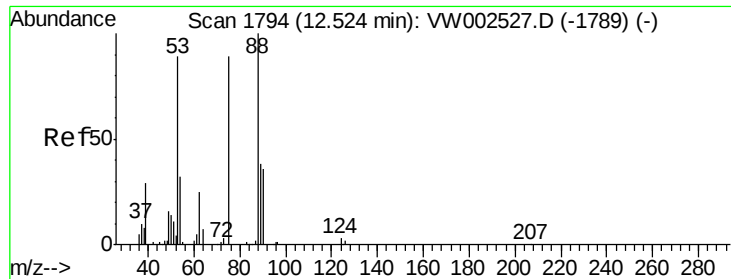
77 1.4 0.0 0.0#



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: 130.69 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002541.D

Acq: 15 May 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

SP-A2

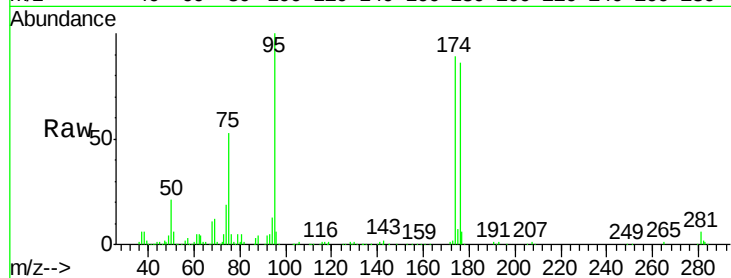
Tgt Ion: 75 Resp: 38251

Ion Ratio Lower Upper

75 100

53 0.3 82.6 124.0#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

