

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002554.D
 Acq On : 15 May 2018 16:57
 Operator : JC/SY
 Sample : J2888-01
 Misc : 5.05G/6ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RRT-N1

Quant Time: May 16 05:44:52 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	162322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	247059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123630	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	77775	46.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.74%	
35) Dibromofluoromethane	7.88	113	73865	47.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.26%	
50) Toluene-d8	10.33	98	245859	41.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.46%	
62) 4-Bromofluorobenzene	12.63	95	97654	44.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.58%	

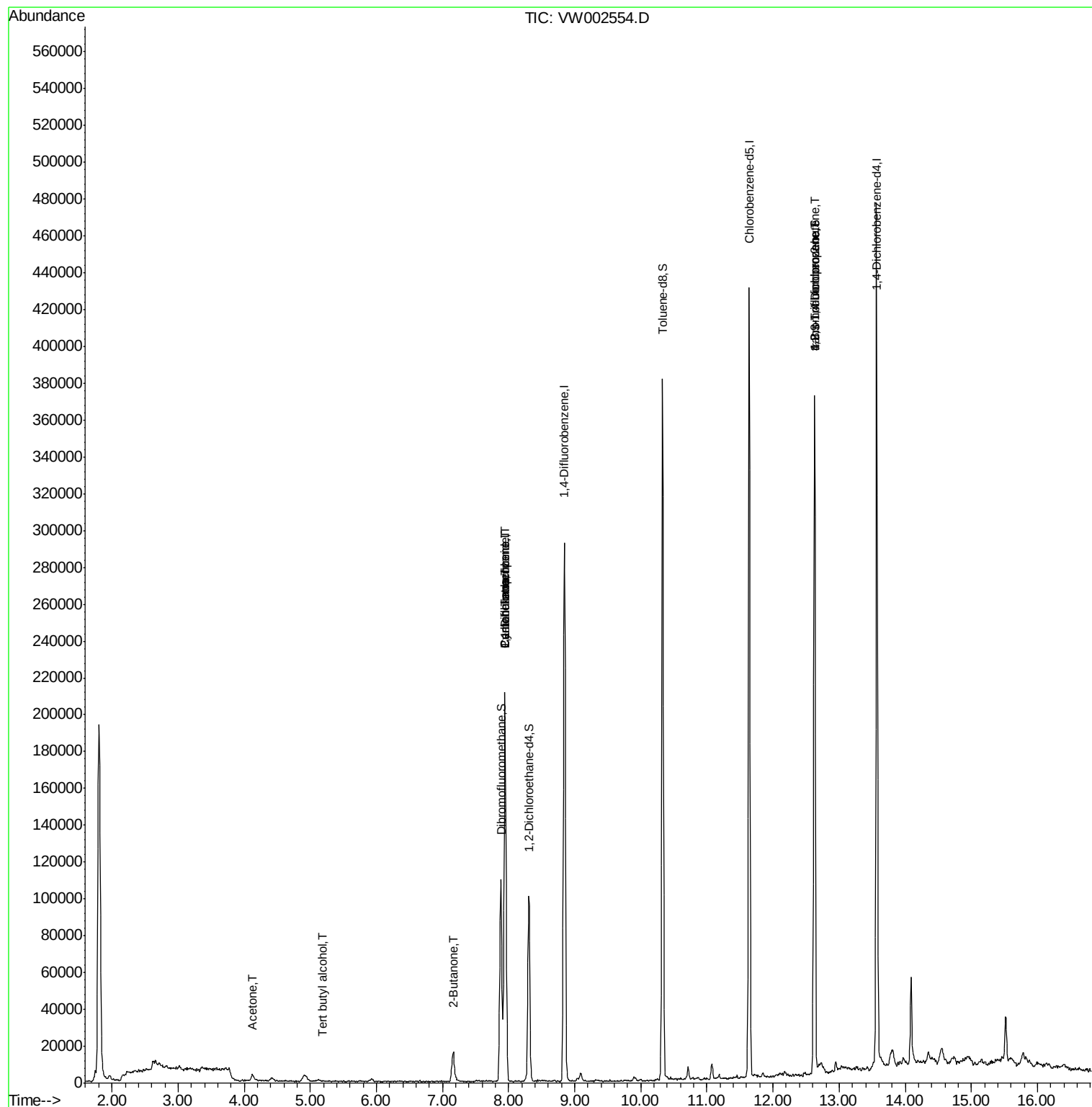
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	326	2.53	ug/l	# 72
16) Acetone	4.12	43	6329	17.87	ug/l	90
20) Methylene Chloride	4.90	84	1100	Below	Cal	89
25) 2-Butanone	7.16	43	1211	2.42	ug/l	# 74
31) Cyclohexane	7.95	56	3801	1.60	ug/l	# 37
36) 1,1-Dichloropropene	7.95	75	12258	5.62	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	15645	7.33	ug/l	# 20
76) 1,2,3-Trichloropropane	12.63	75	53086	45.43	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	53086	123.85	ug/l	# 9

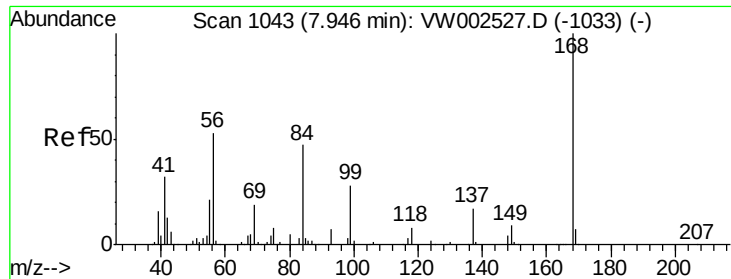
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002554.D

Acq: 15 May 2018 16:57

Instrument :

MSVOA_W

ClientSampled :

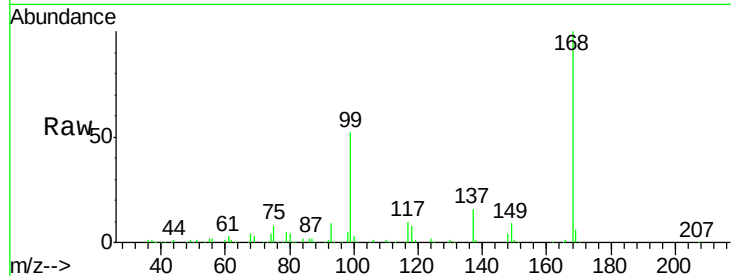
RRT-N1

Tgt Ion: 168 Resp: 162322

Ion Ratio Lower Upper

168 100

99 52.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

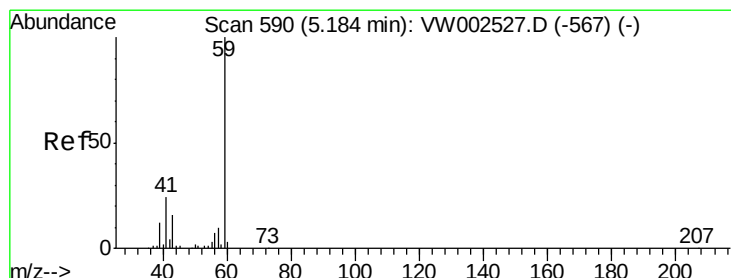
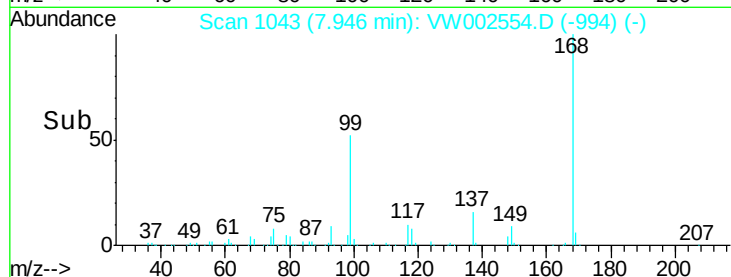
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 2.53 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002554.D

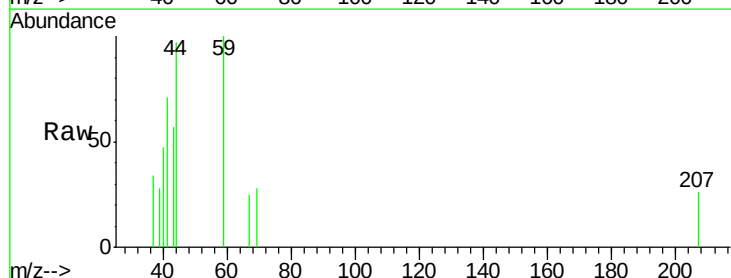
Acq: 15 May 2018 16:57

Tgt Ion: 59 Resp: 326

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

150

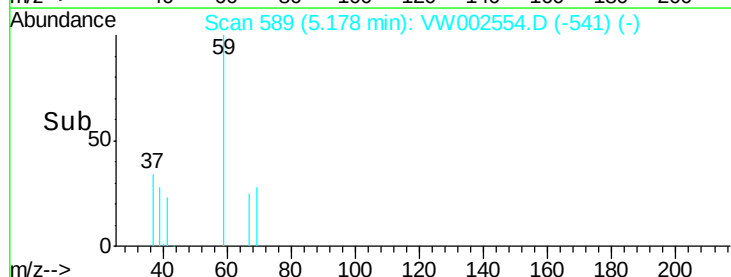
100

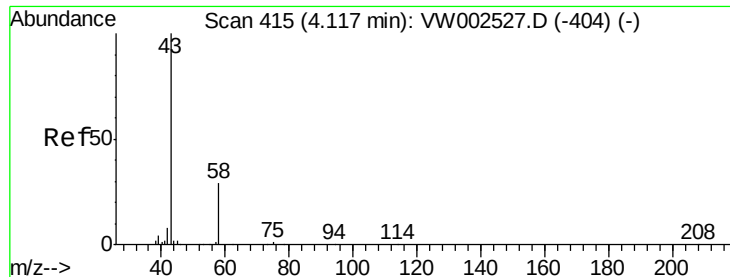
50

0

5.16 5.18 5.20 5.22

Time-->





#16

Acetone

Concen: 17.87 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002554.D

Acq: 15 May 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

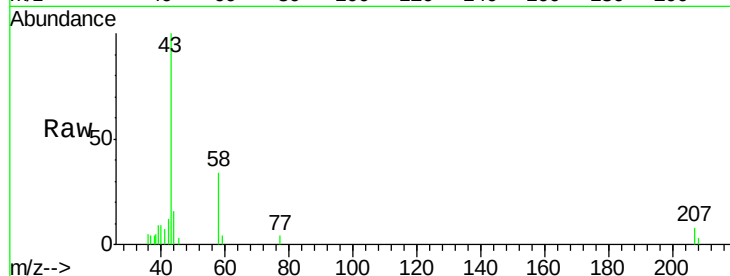
RRT-N1

Tgt Ion: 43 Resp: 6329

Ion Ratio Lower Upper

43 100

58 34.6 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

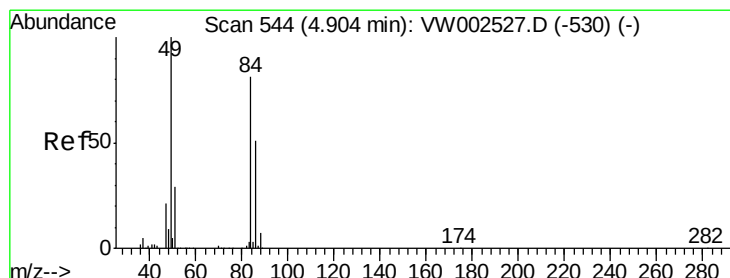
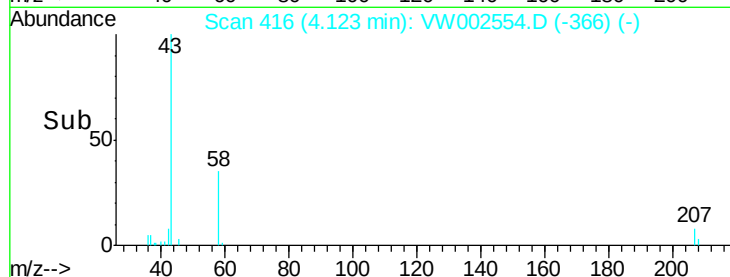
1000

500

0

4.00 4.10 4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002554.D

Acq: 15 May 2018 16:57

Tgt Ion: 84 Resp: 1100

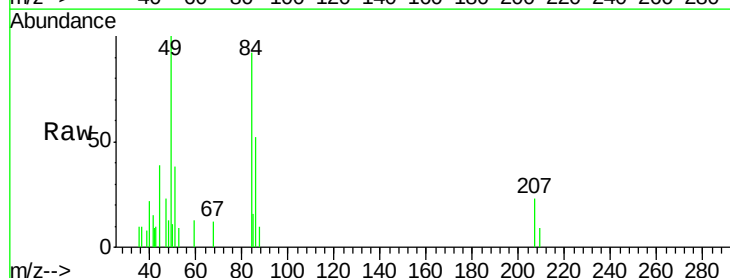
Ion Ratio Lower Upper

84 100

49 108.9 99.4 149.0

51 40.8 29.0 43.6

86 57.1 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

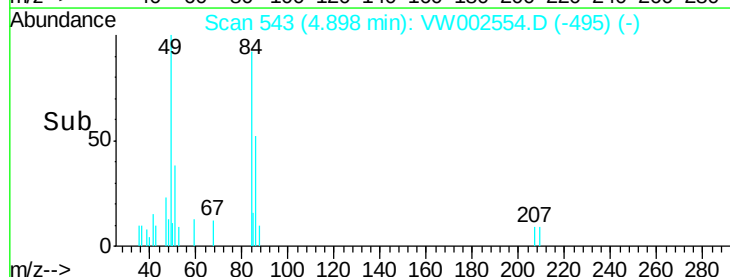
1000

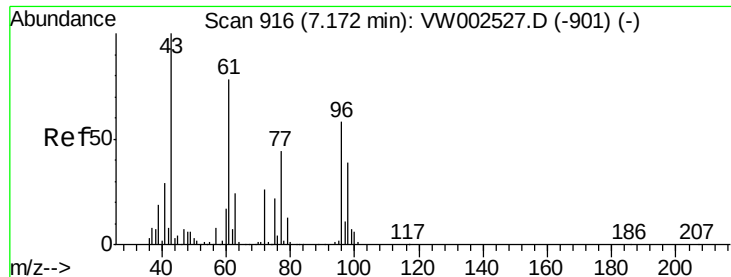
500

0

4.85 4.90

Time-->





#25

2-Butanone

Concen: 2.42 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002554.D

Acq: 15 May 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

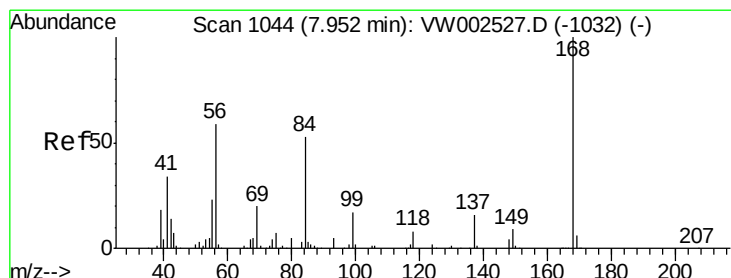
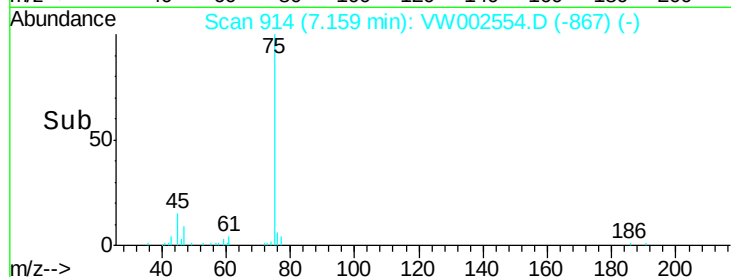
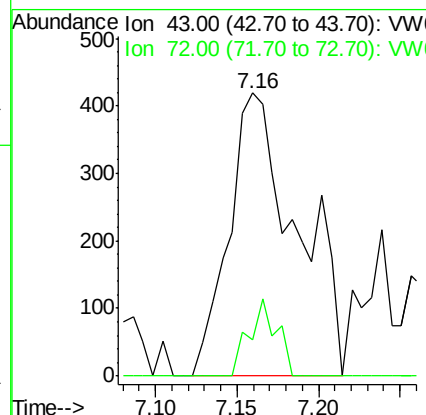
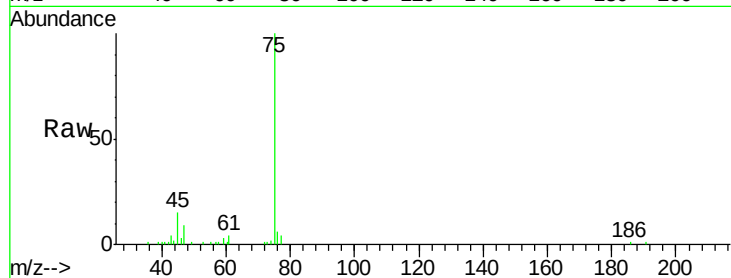
RRT-N1

Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

72 12.9 20.9 31.3#



#31

Cyclohexane

Concen: 1.60 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002554.D

Acq: 15 May 2018 16:57

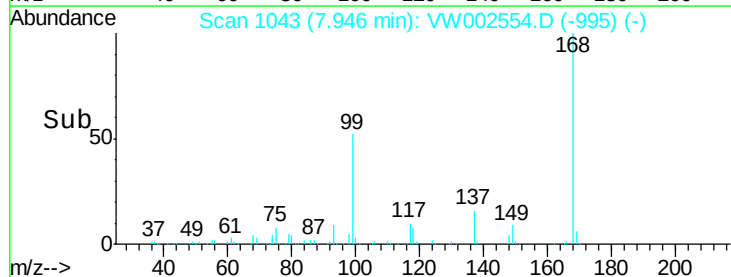
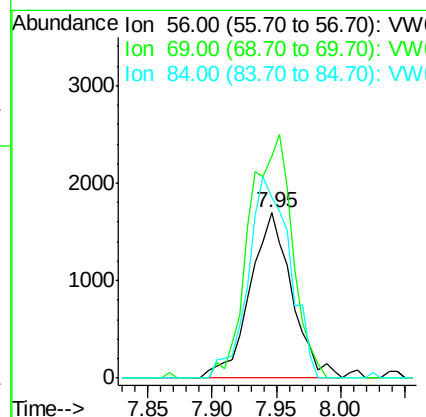
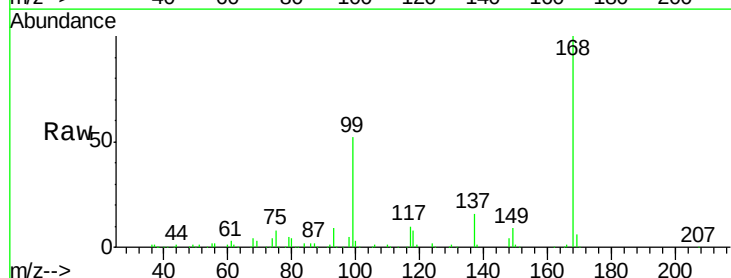
Tgt Ion: 56 Resp: 3801

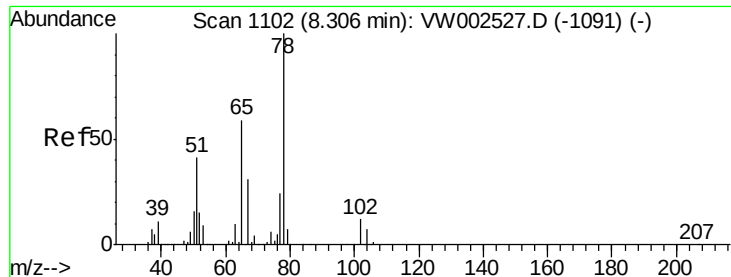
Ion Ratio Lower Upper

56 100

69 134.5 27.0 40.4#

84 109.3 72.2 108.2#

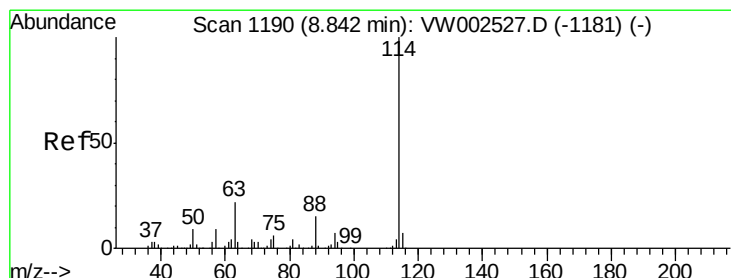
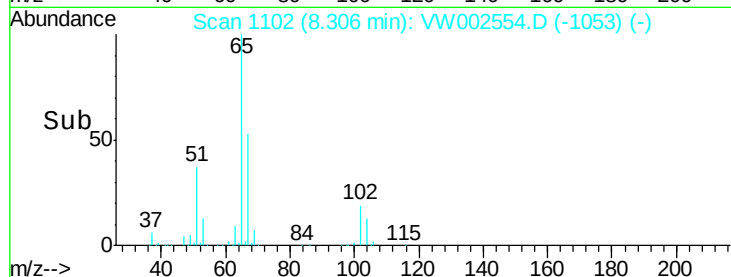
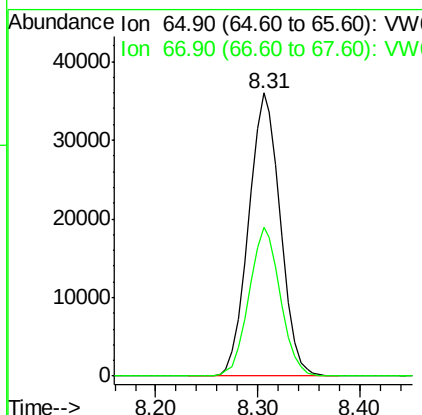
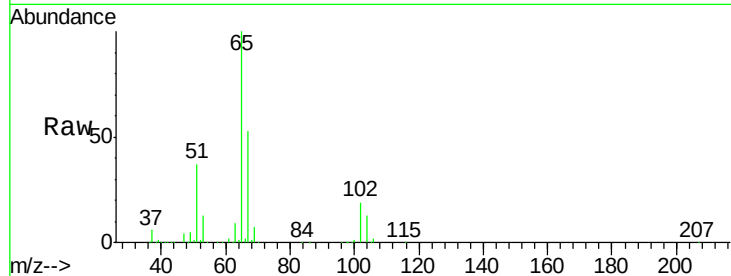




#33
 1,2-Dichloroethane-d4
 Concen: 46.37 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002554.D
 Acq: 15 May 2018 16:57

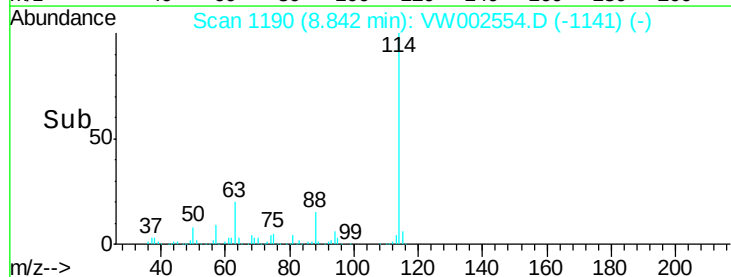
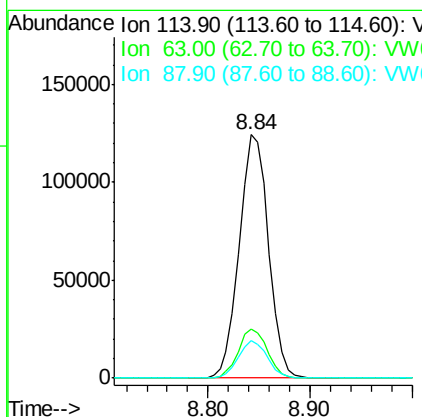
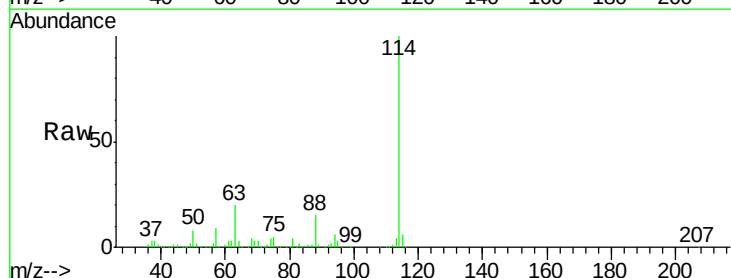
Instrument :
 MSVOA_W
 ClientSampleId :
 RRT-N1

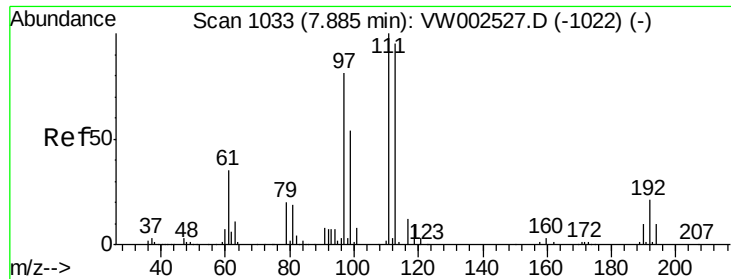
Tgt Ion: 65 Resp: 77775
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VW002554.D
 Acq: 15 May 2018 16:57

Tgt Ion: 114 Resp: 247059
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 15.5 0.0 29.2

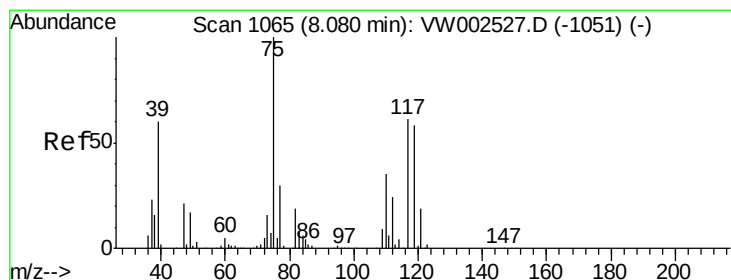
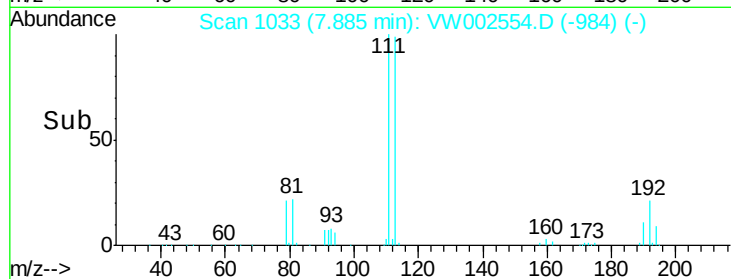
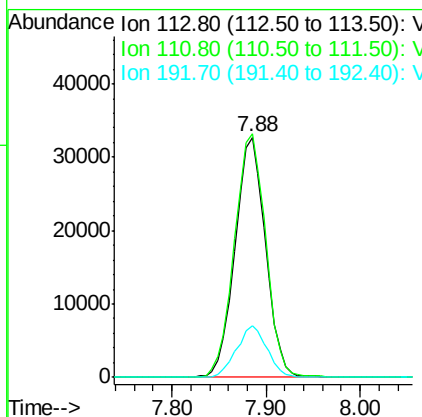
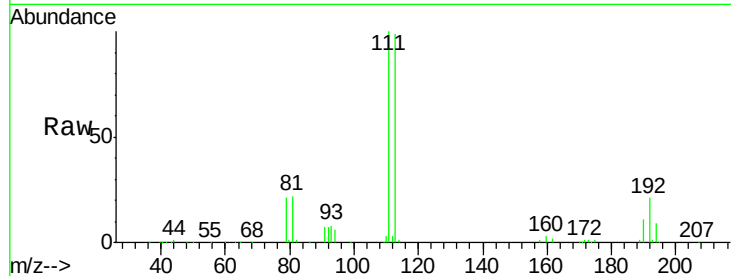




#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002554.D
 Acq: 15 May 2018 16:57

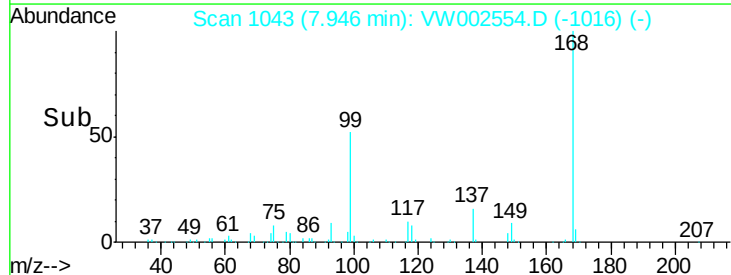
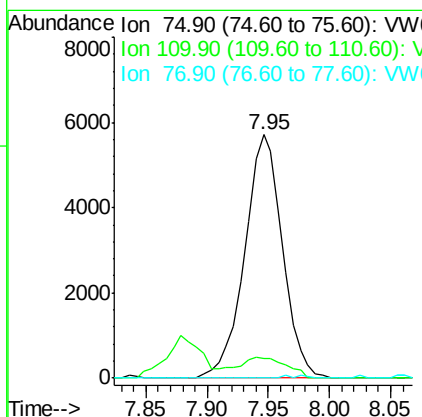
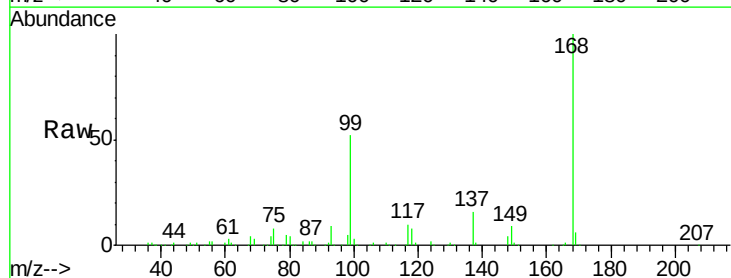
Instrument :
 MSVOA_W
 ClientSampleId :
 RRT-N1

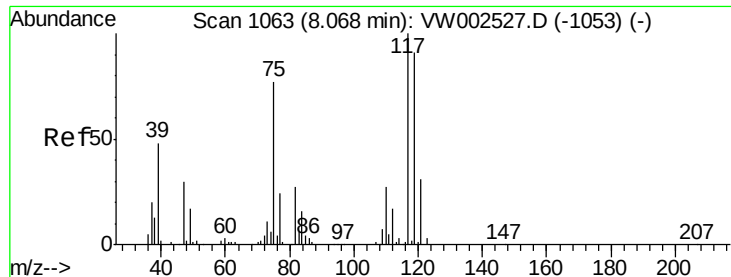
Tgt Ion: 113 Resp: 73865
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.8 122.8
 192 21.5 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.62 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002554.D
 Acq: 15 May 2018 16:57

Tgt Ion: 75 Resp: 12258
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.8 53.5#
 77 0.0 24.5 36.7#

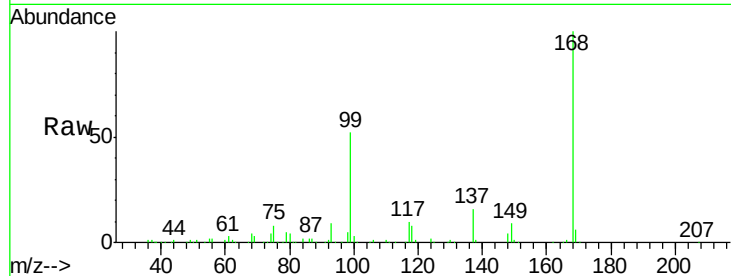




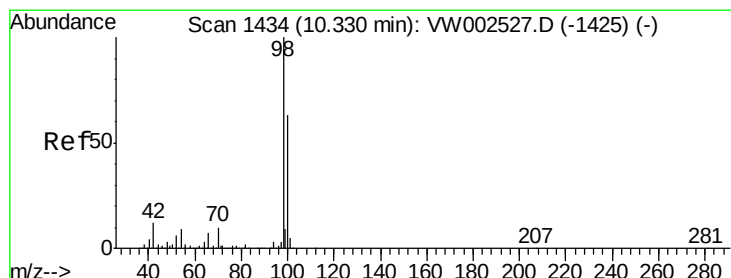
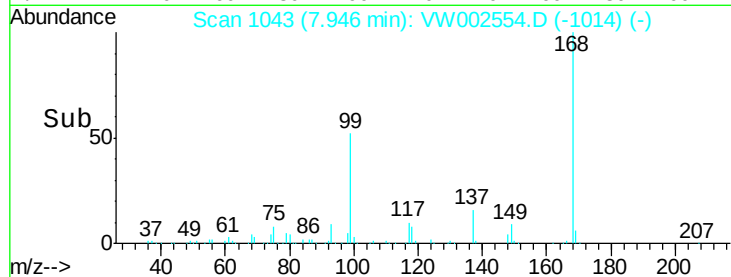
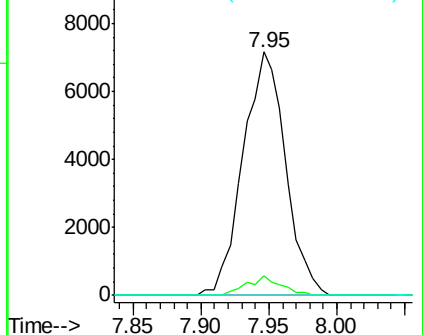
#38
Carbon Tetrachloride
Concen: 7.33 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

Instrument :
MSVOA_W
ClientSampleId :
RRT-N1

Tgt Ion: 117 Resp: 15645
Ion Ratio Lower Upper
117 100
119 8.1 73.1 109.7#
121 0.0 24.4 36.6#

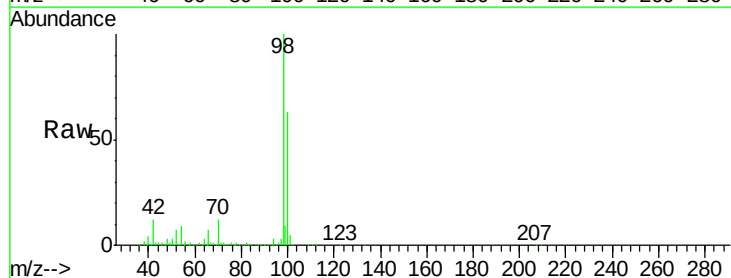


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

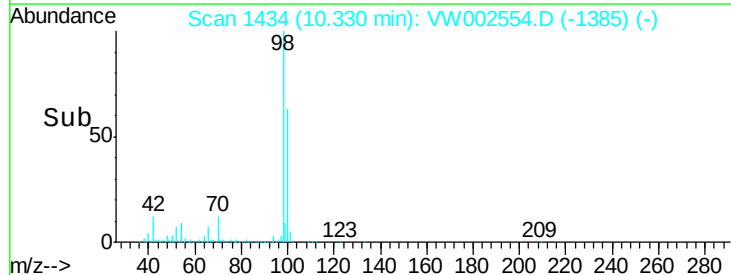
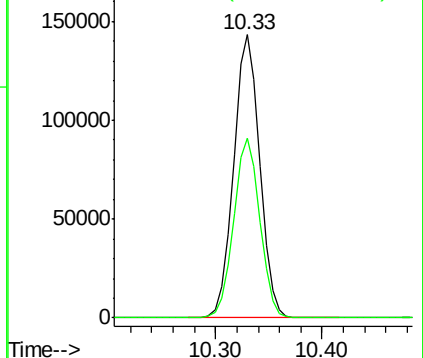


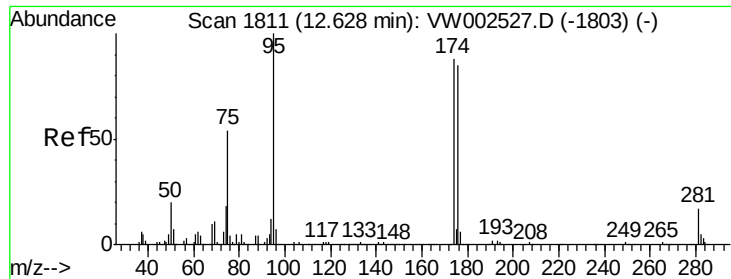
#50
Toluene-d8
Concen: 41.23 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

Tgt Ion: 98 Resp: 245859
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

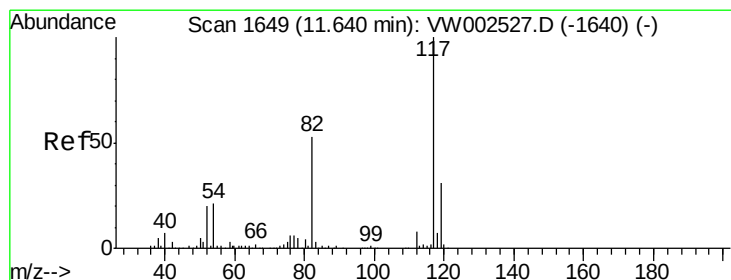
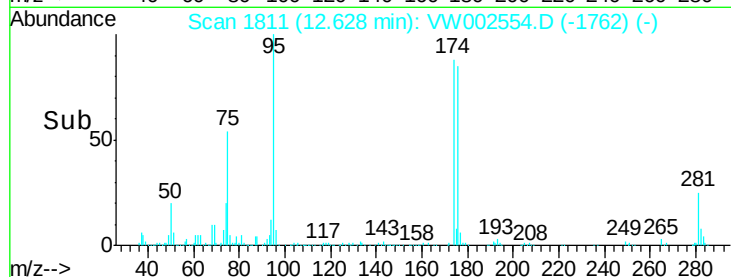
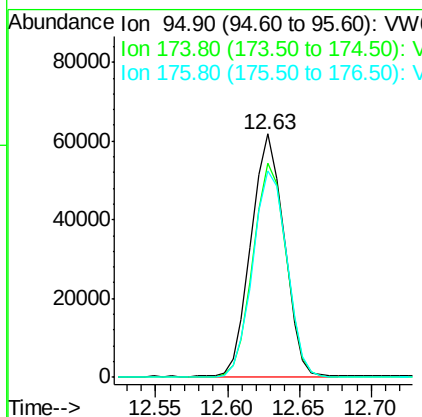
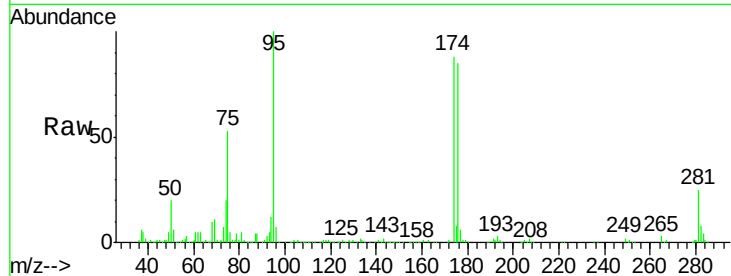




#62
4-Bromofluorobenzene
Concen: 44.79 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

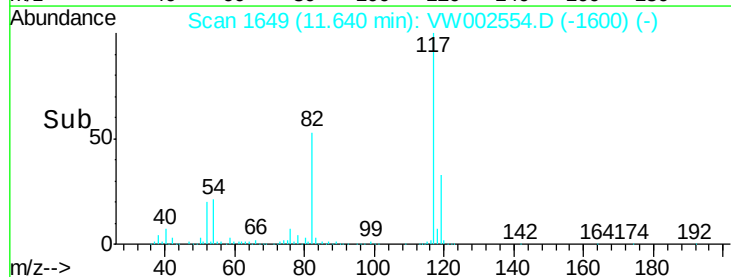
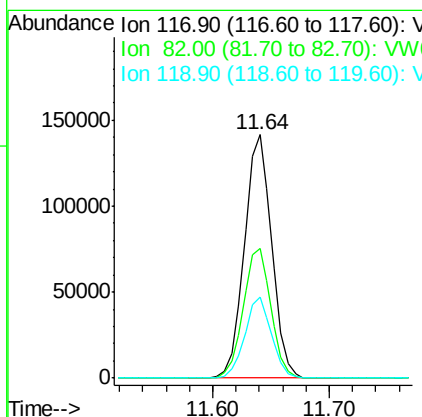
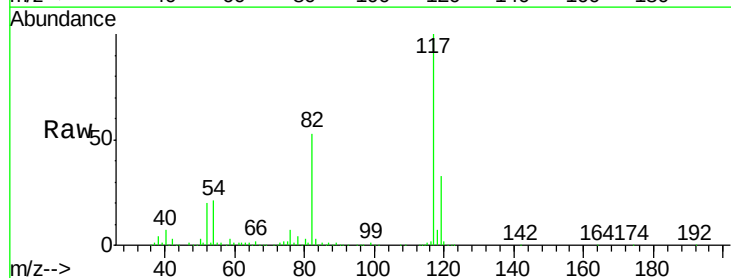
Instrument :
MSVOA_W
ClientSampleId :
RRT-N1

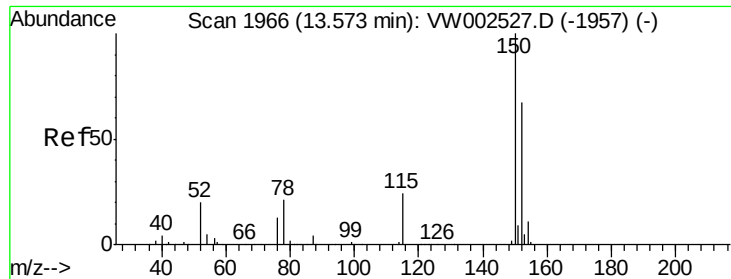
Tgt Ion: 95 Resp: 97654
Ion Ratio Lower Upper
95 100
174 89.0 0.0 176.6
176 87.9 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

Tgt Ion: 117 Resp: 231026
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 33.2 25.0 37.6



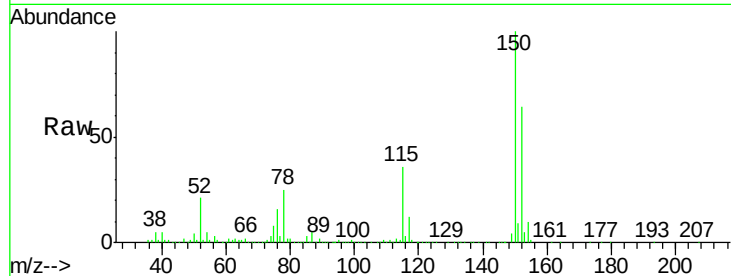


#72

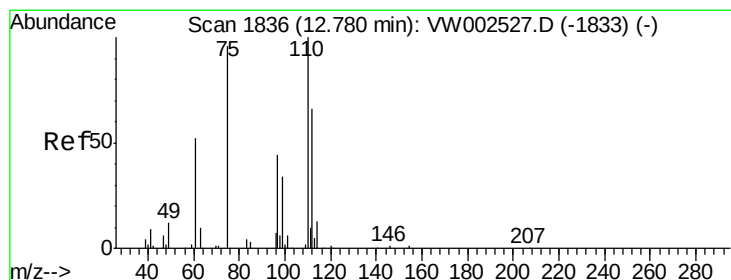
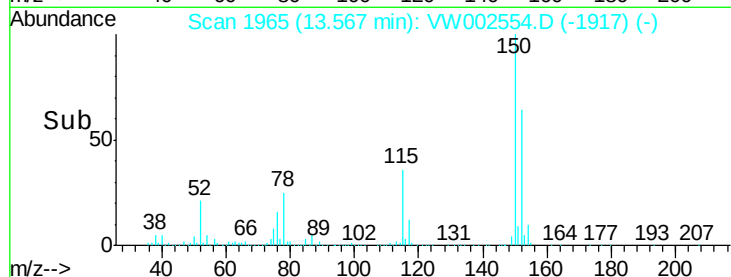
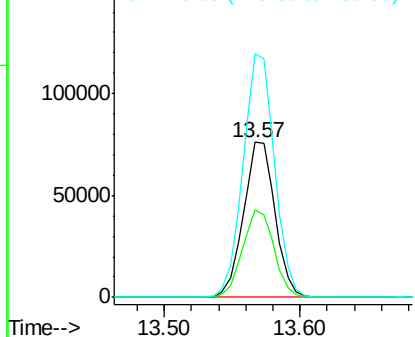
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

Instrument :
MSVOA_W
ClientSampleId :
RRT-N1

Tgt Ion:152 Resp: 123630
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 156.5 0.0 345.4



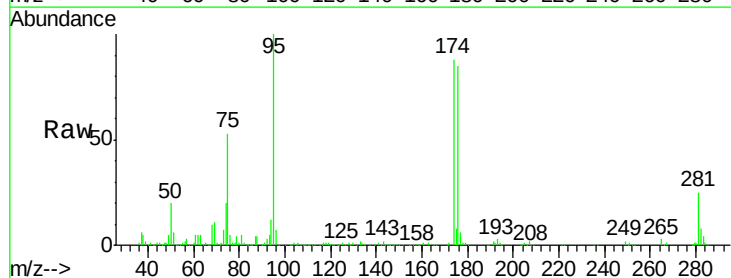
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



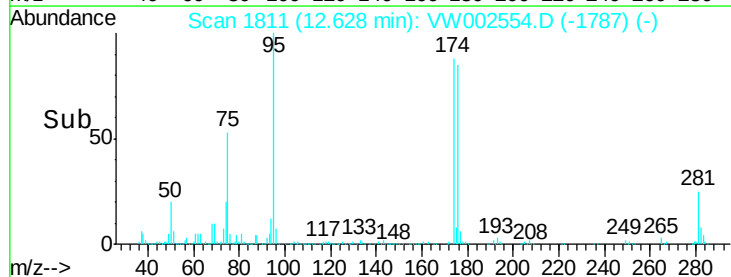
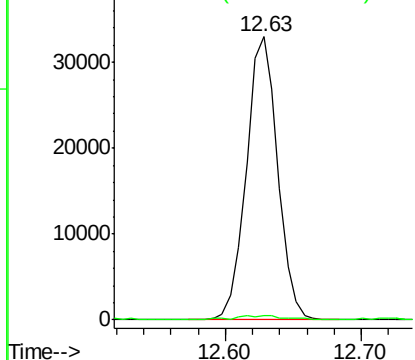
#76

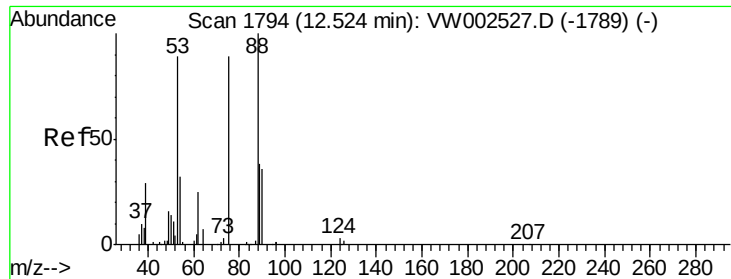
1,2,3-Trichloropropane
Concen: 45.43 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW002554.D
Acq: 15 May 2018 16:57

Tgt Ion: 75 Resp: 53086
Ion Ratio Lower Upper
75 100
77 2.5 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: 123.85 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002554.D

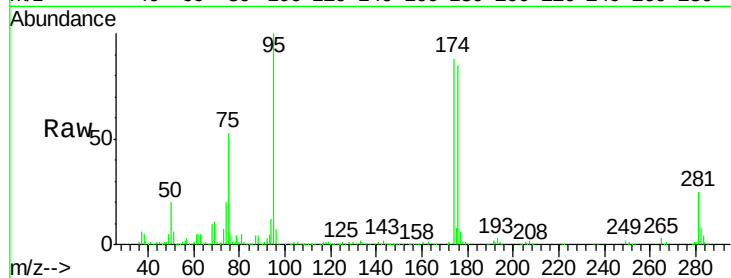
Acq: 15 May 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

RRT-N1



Tgt Ion:	75	Resp:	53086
Ion	Ratio	Lower	Upper
75	100		
53	0.6	82.6	124.0#
89	0.1	39.2	58.8#

