

Data File : VW005097.D
Acq On : 04 Sep 2018 22:46
Operator : SY/AP
Sample : J4712-05
Misc : 6.59G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-03

Quant Time: Sep 05 04:16:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	335610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	496750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	519519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	269766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140493	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	141135	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.33	98	540536	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
62) 4-Bromofluorobenzene	12.62	95	186227	39.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.86%	

Target Compounds

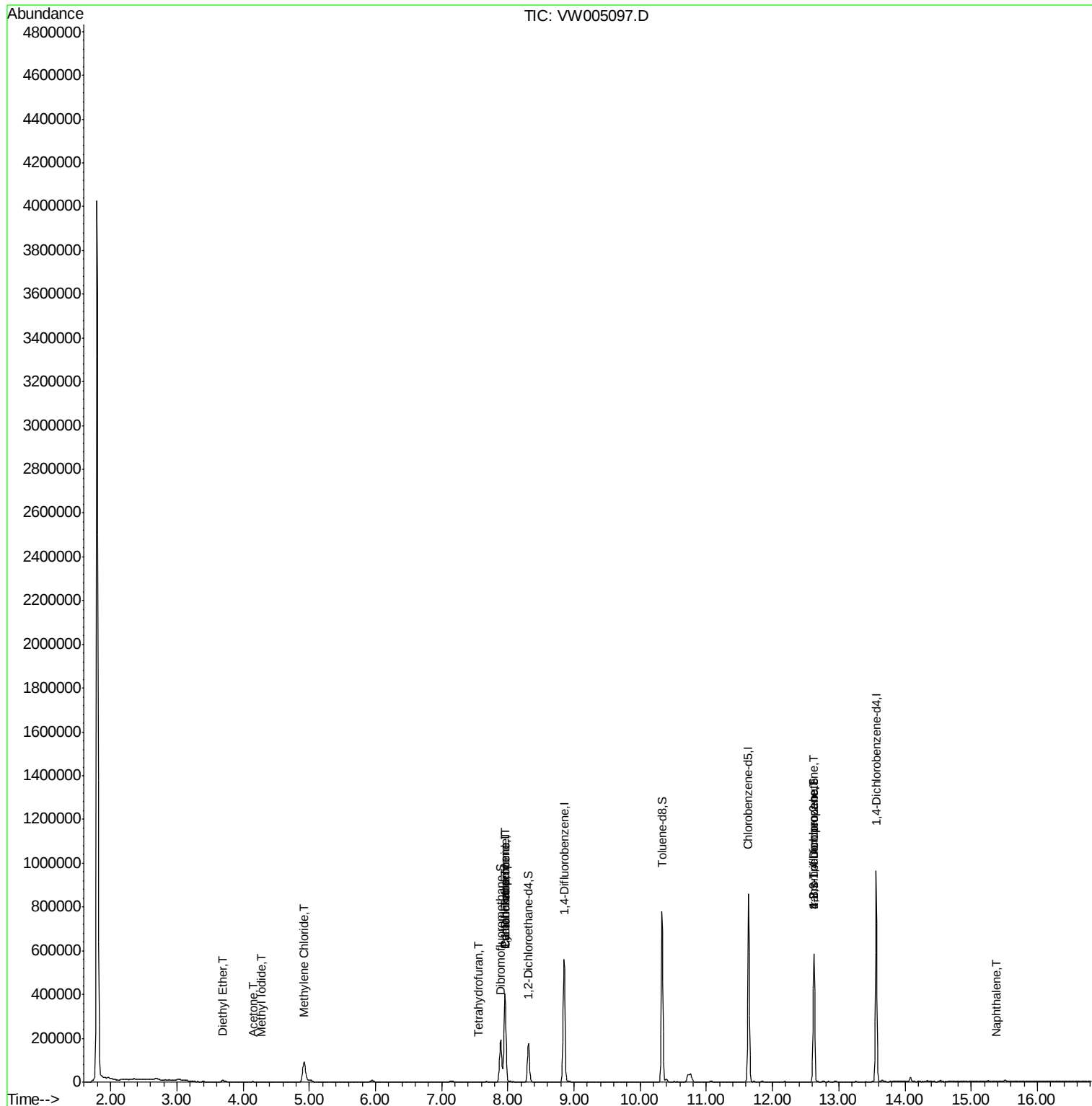
					Qvalue
5) Bromomethane	2.78	94	737	Below Cal	95
8) Diethyl Ether	3.70	74	3479	2.240 ug/l	94
10) Methyl Iodide	4.28	142	20	3.823 ug/l #	44
11) Tert butyl alcohol	5.19	59	102	Below Cal #	72
16) Acetone	4.15	43	2842	5.094 ug/l	93
20) Methylene Chloride	4.92	84	77316	18.024 ug/l	97
29) Tetrahydrofuran	7.55	42	540	1.092 ug/l #	66
31) Cyclohexane	7.96	56	5610	1.027 ug/l #	1
36) 1,1-Dichloropropene	7.96	75	20730	4.382 ug/l #	48
38) Carbon Tetrachloride	7.96	117	28803	6.403 ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	84870	41.913 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84870	100.879 ug/l #	15
95) Naphthalene	15.38	128	973	4.072 ug/l #	79

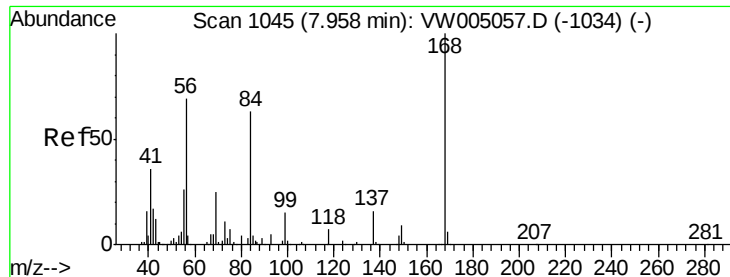
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampled :

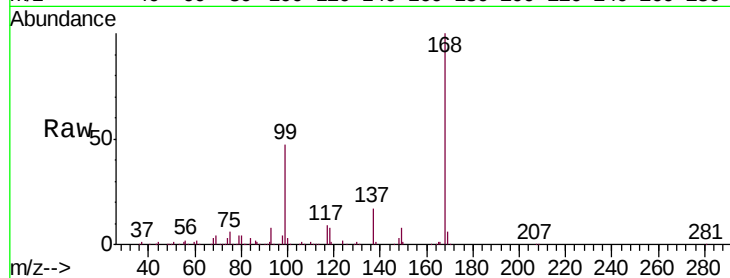
SB-03

Tgt Ion: 168 Resp: 335610

Ion Ratio Lower Upper

168 100

99 46.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

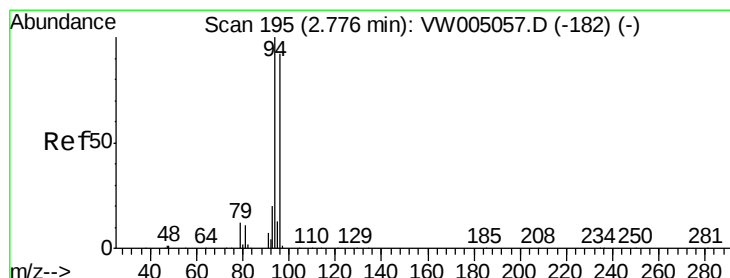
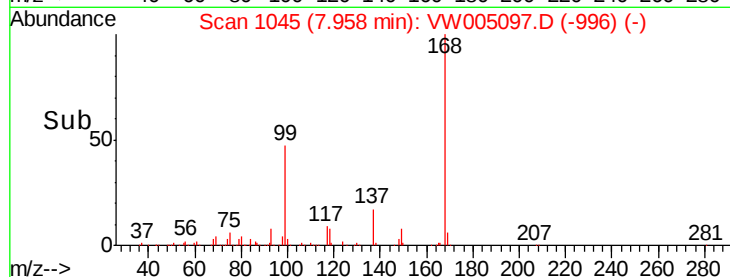
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005097.D

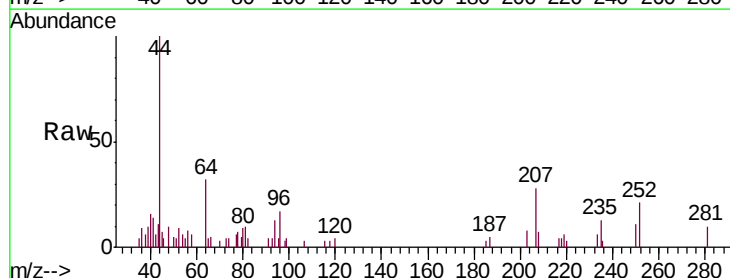
Acq: 04 Sep 2018 22:46

Tgt Ion: 94 Resp: 737

Ion Ratio Lower Upper

94 100

96 96.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

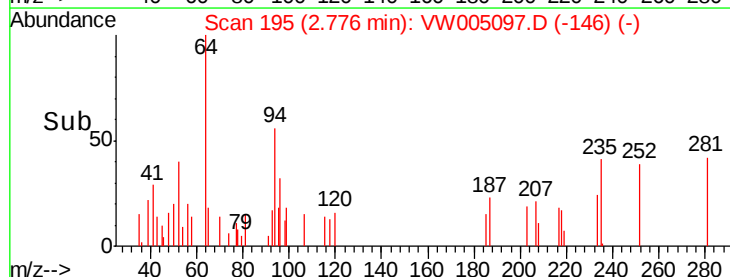
300

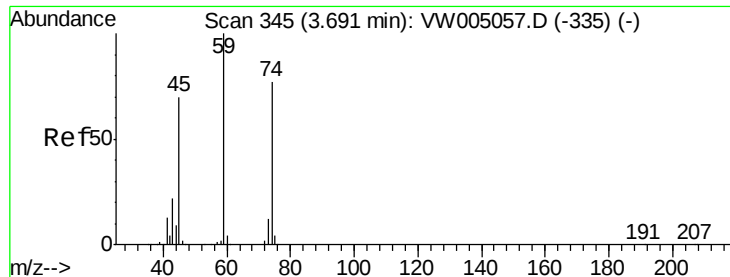
200

100

0

Time-->





#8

Diethyl Ether

Concen: 2.240 ug/l

RT: 3.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

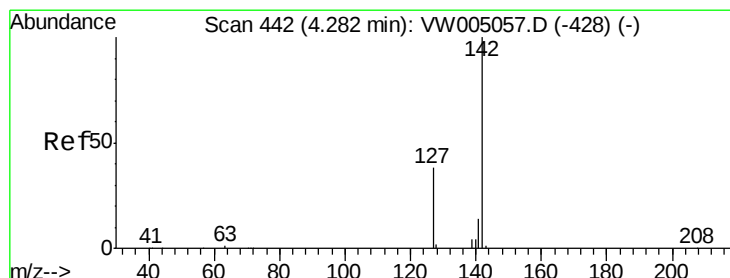
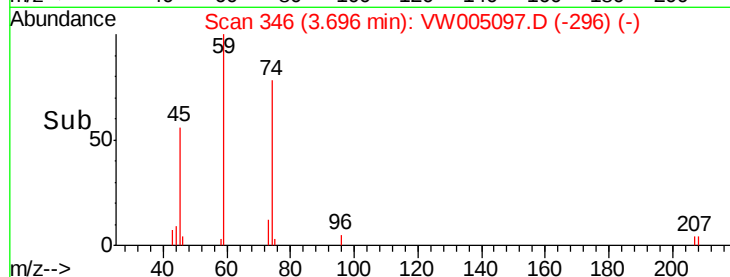
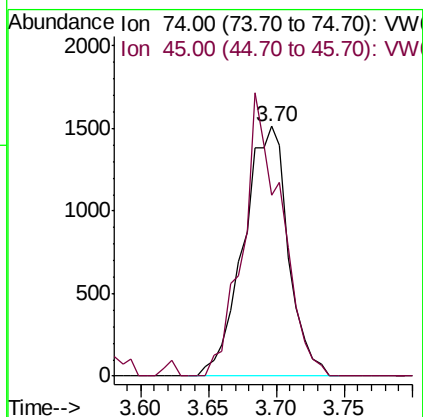
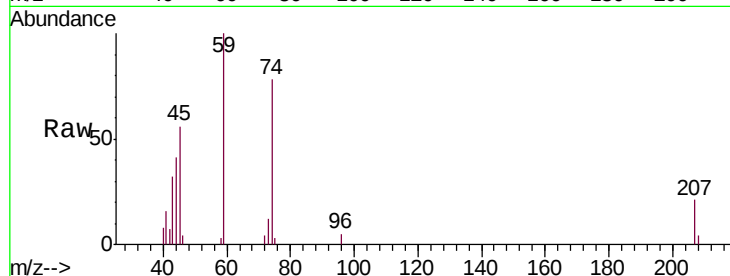
SB-03

Tgt Ion: 74 Resp: 3479

Ion Ratio Lower Upper

74 100

45 97.6 46.0 137.8



#10

Methyl Iodide

Concen: 3.823 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

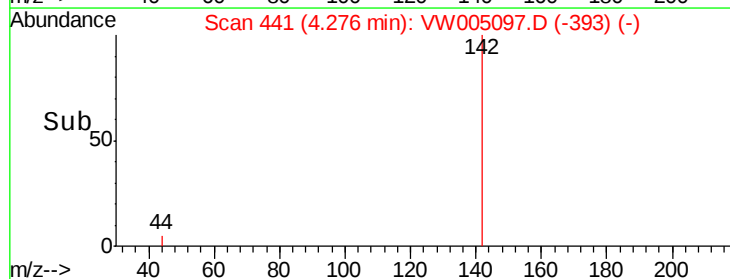
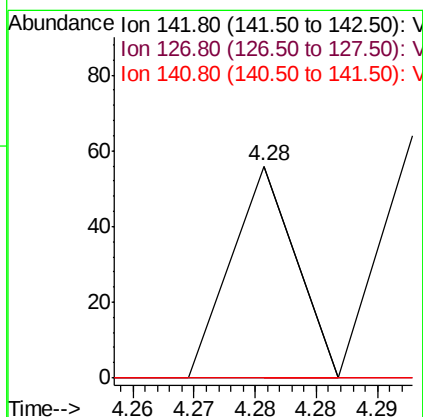
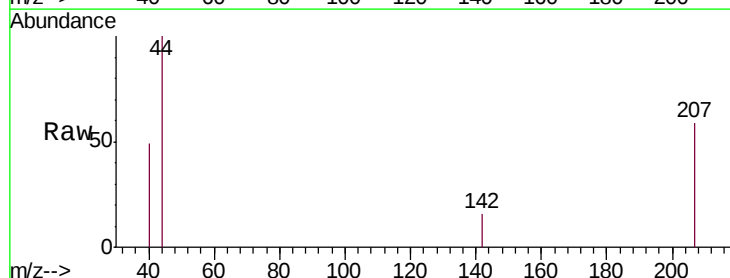
Tgt Ion: 142 Resp: 20

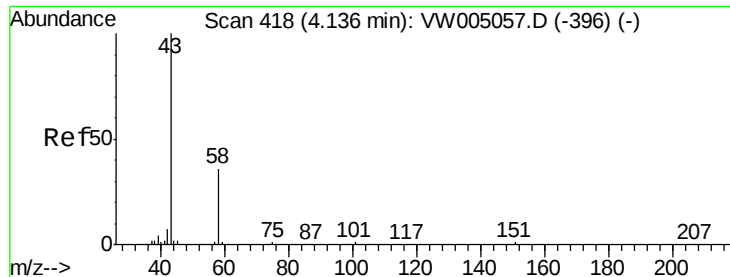
Ion Ratio Lower Upper

142 100

127 0.0 30.8 46.2#

141 0.0 11.6 17.4#





#16

Acetone

Concen: 5.094 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

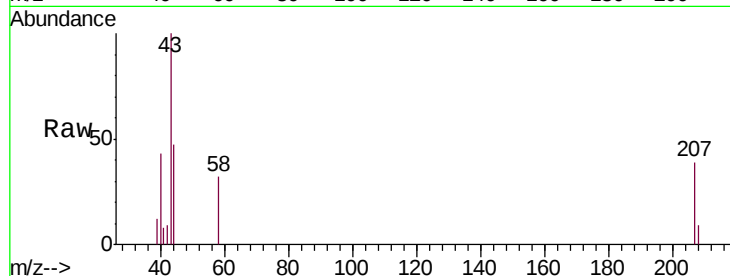
SB-03

Tgt Ion: 43 Resp: 2842

Ion Ratio Lower Upper

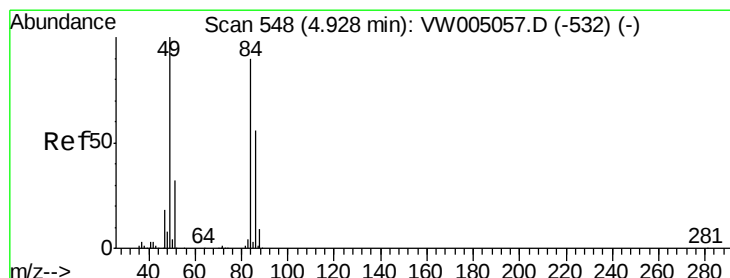
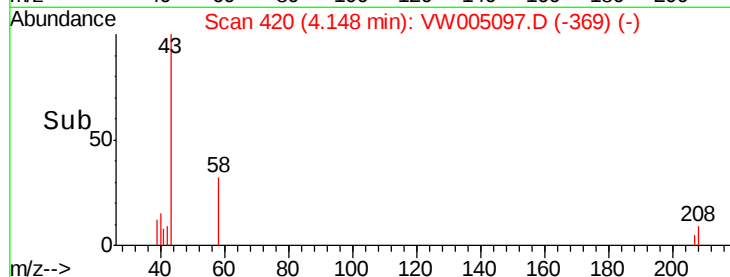
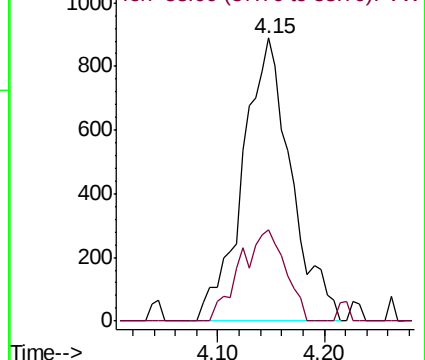
43 100

58 32.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 18.024 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Tgt Ion: 84 Resp: 77316

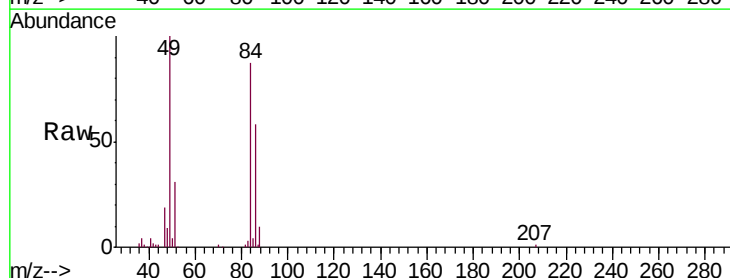
Ion Ratio Lower Upper

84 100

49 114.4 88.7 133.1

51 35.6 28.6 42.8

86 66.2 49.4 74.2

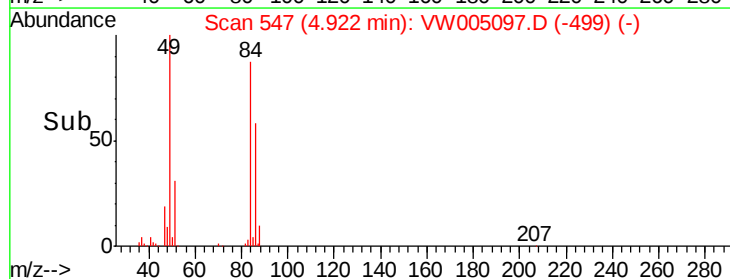
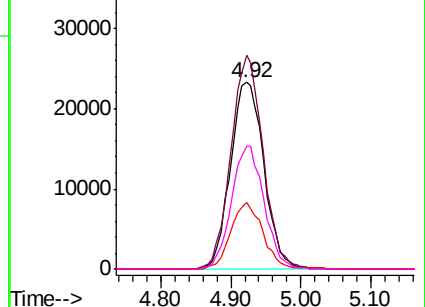


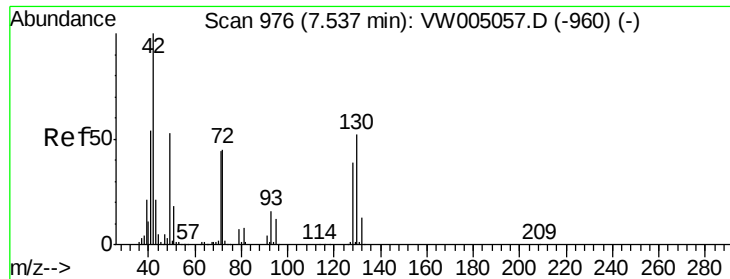
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 1.092 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

SB-03

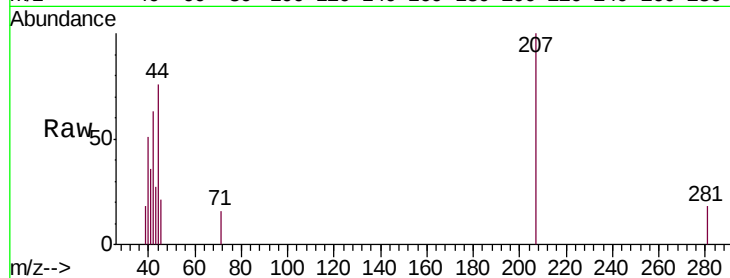
Tgt Ion: 42 Resp: 540

Ion Ratio Lower Upper

42 100

72 8.5 37.0 55.4#

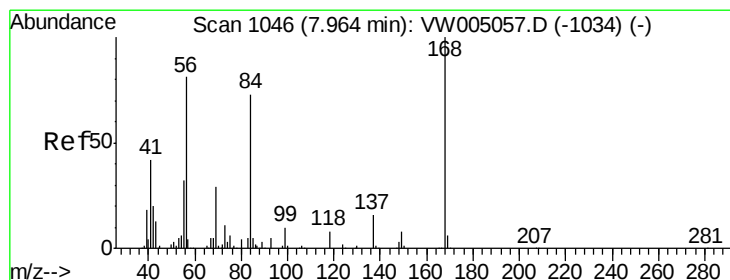
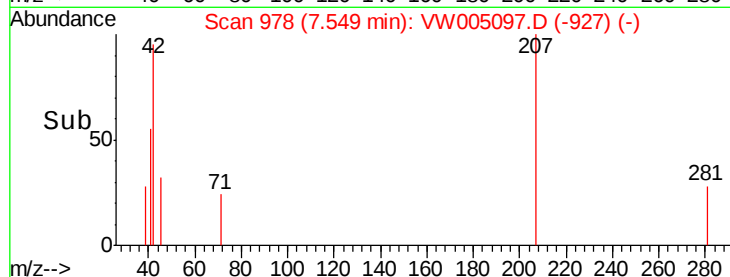
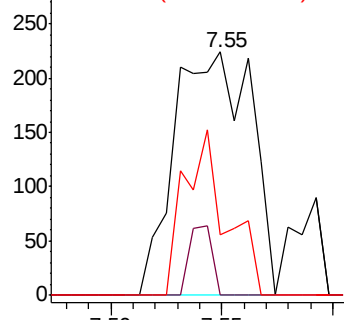
71 37.2 35.0 52.6



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: 1.027 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

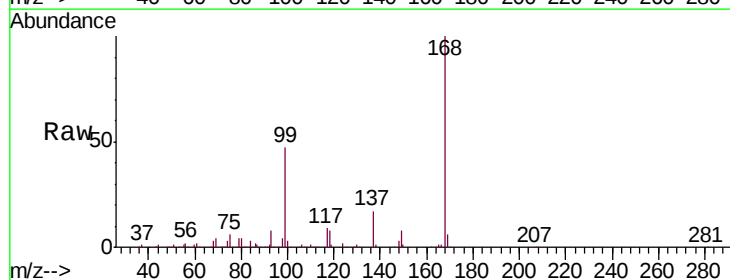
Tgt Ion: 56 Resp: 5610

Ion Ratio Lower Upper

56 100

69 206.6 28.2 42.2#

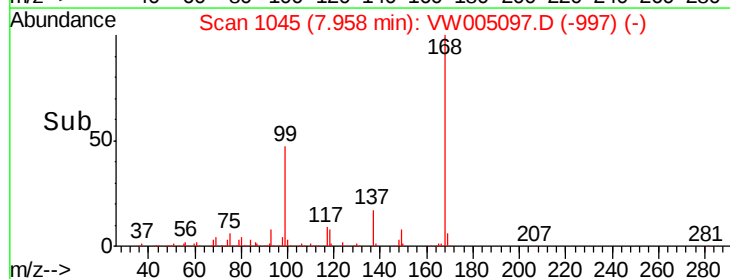
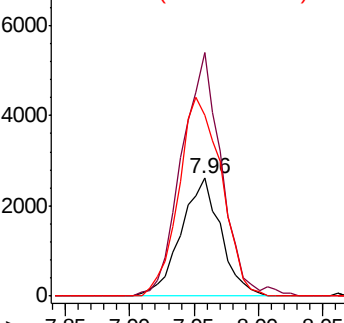
84 153.1 71.8 107.8#

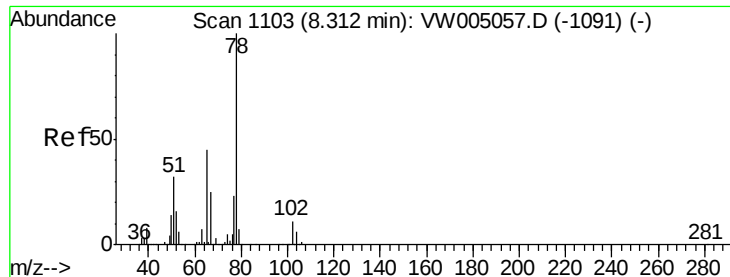


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 50.500 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

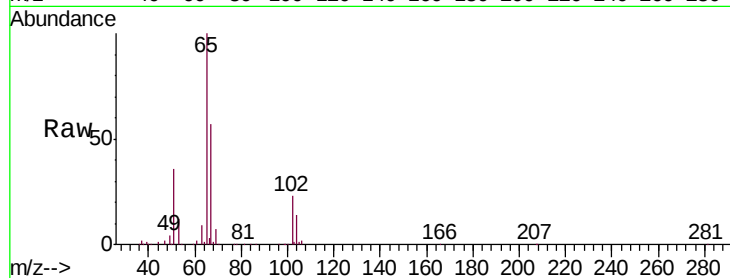
SB-03

Tgt Ion: 65 Resp: 140493

Ion Ratio Lower Upper

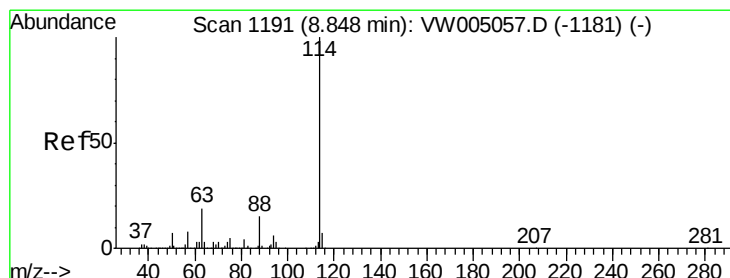
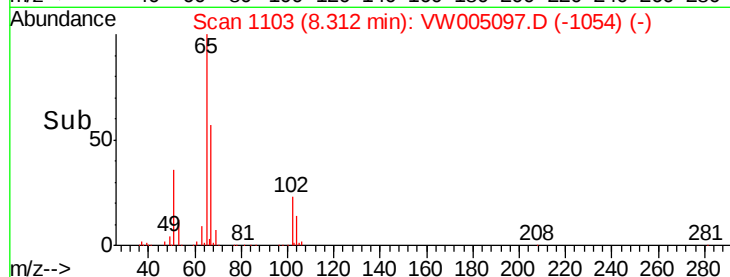
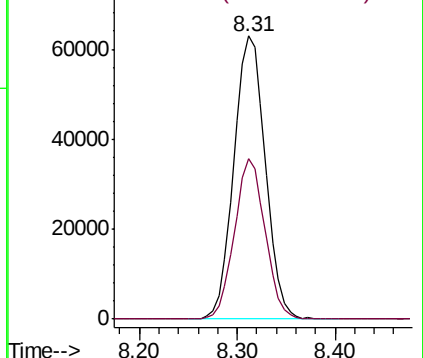
65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

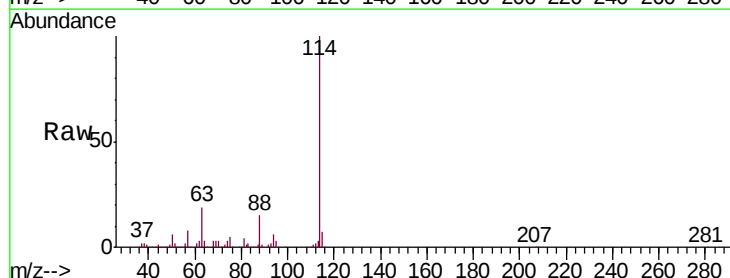
Tgt Ion: 114 Resp: 496750

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

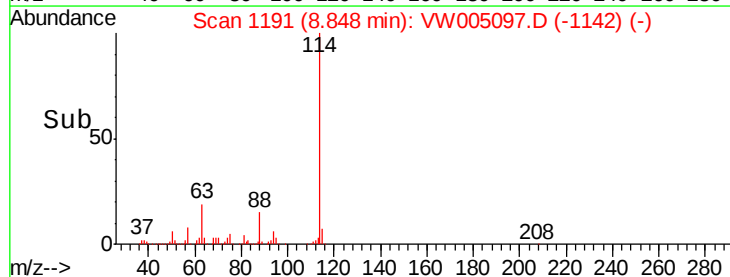
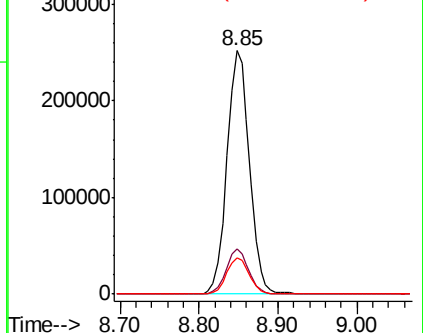
88 14.8 0.0 30.2

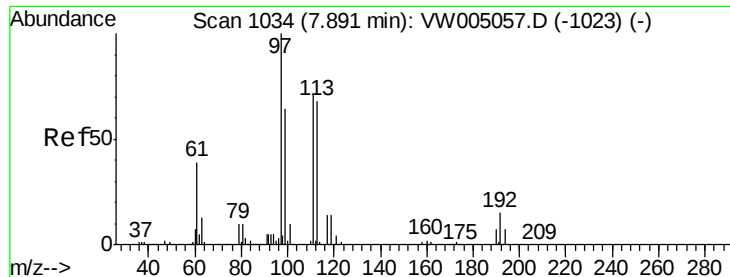


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

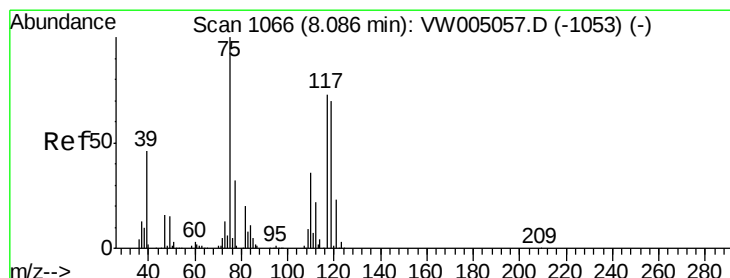
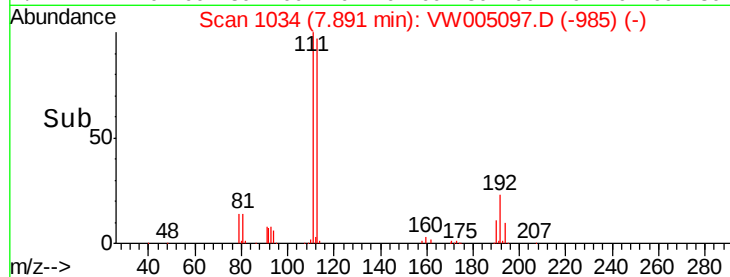
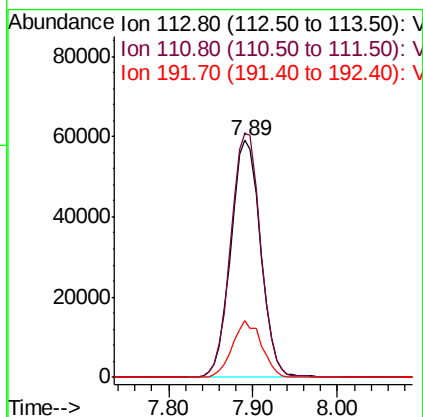
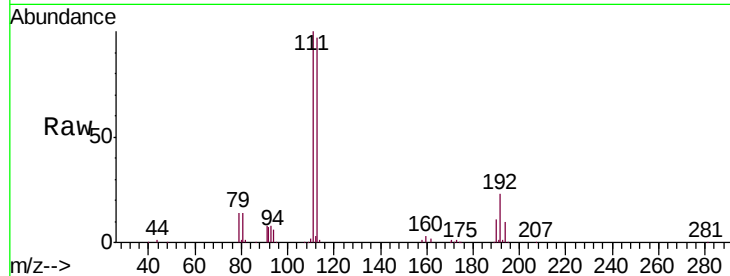




#35
 Dibromofluoromethane
 Concen: 49.165 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

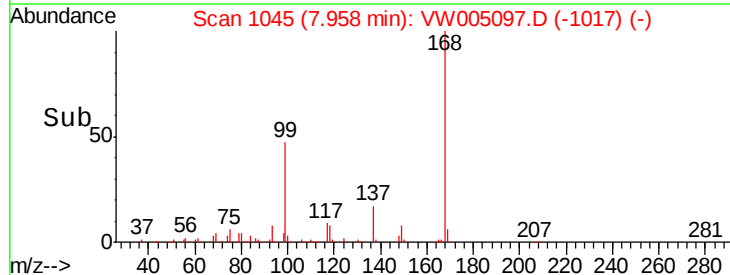
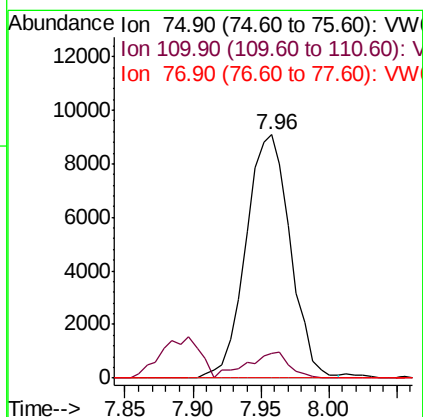
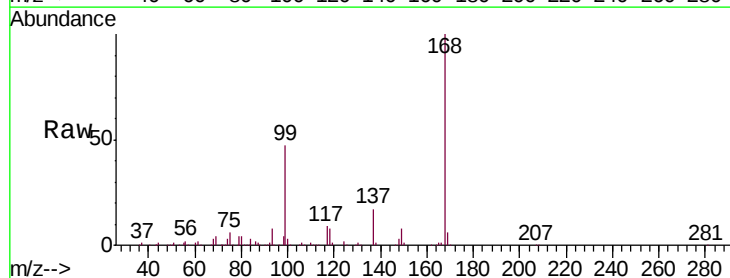
Instrument :
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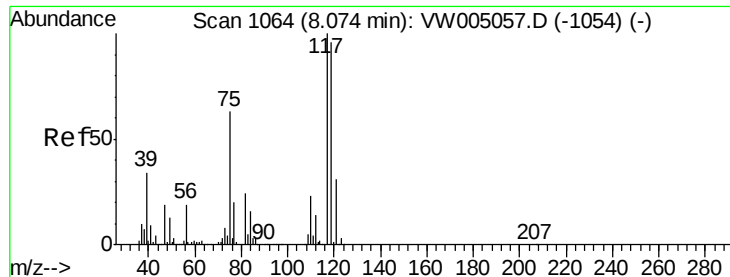
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	23.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.382 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.9	56.7#
77	0.0	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.403 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

SB-03

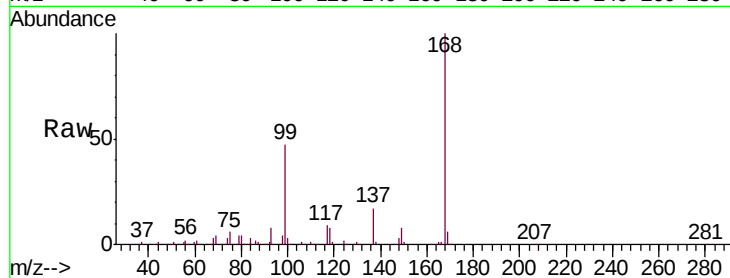
Tgt Ion: 117 Resp: 28803

Ion Ratio Lower Upper

117 100

119 6.6 76.6 115.0#

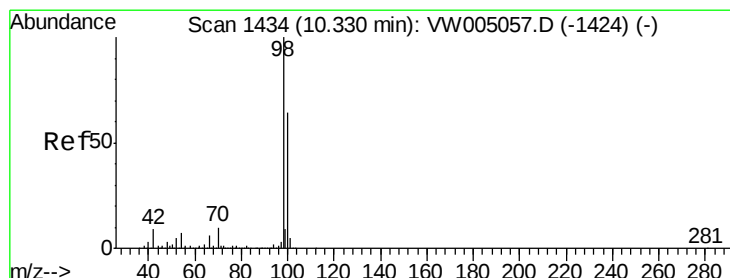
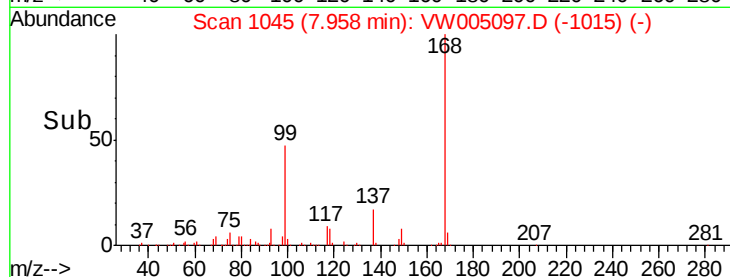
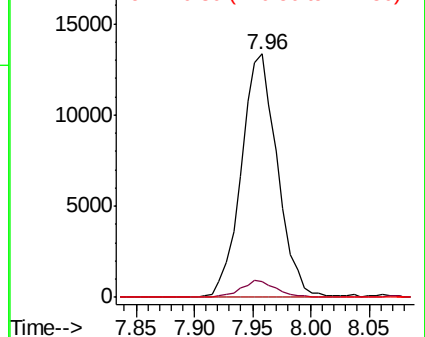
121 0.0 24.8 37.2#



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: 40.865 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005097.D

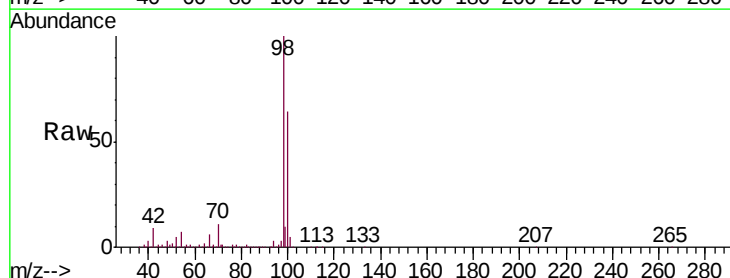
Acq: 04 Sep 2018 22:46

Tgt Ion: 98 Resp: 540536

Ion Ratio Lower Upper

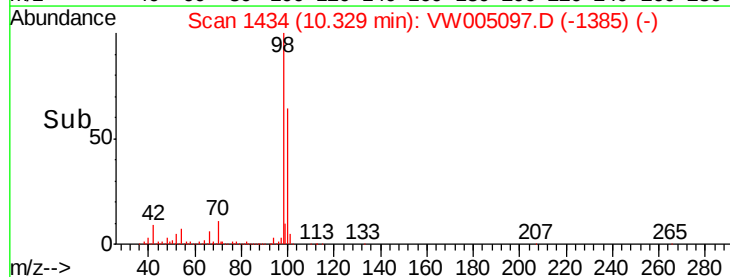
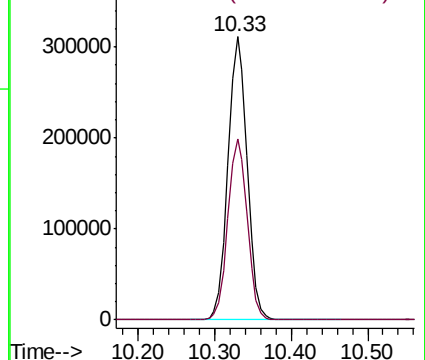
98 100

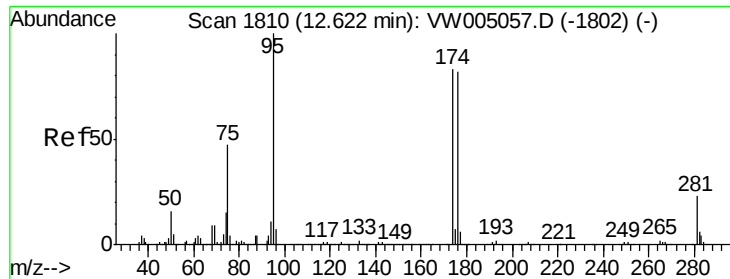
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

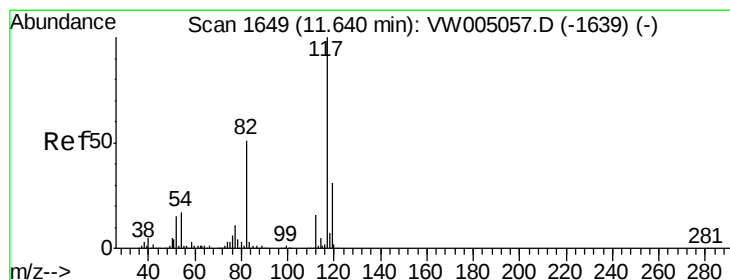
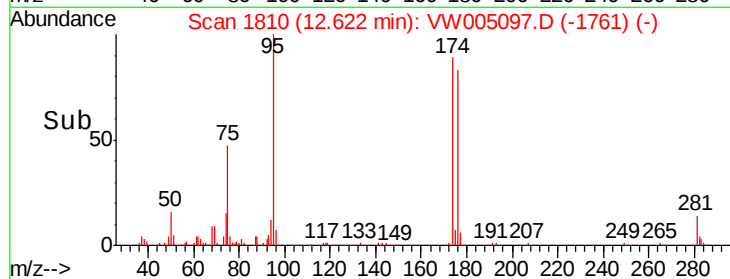
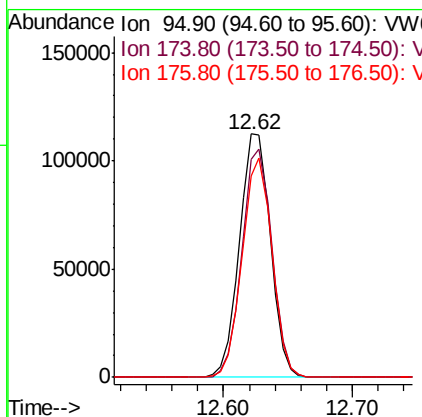
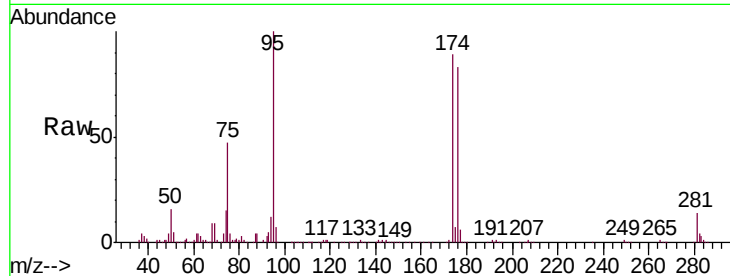




#62
4-Bromofluorobenzene
Concen: 39.928 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

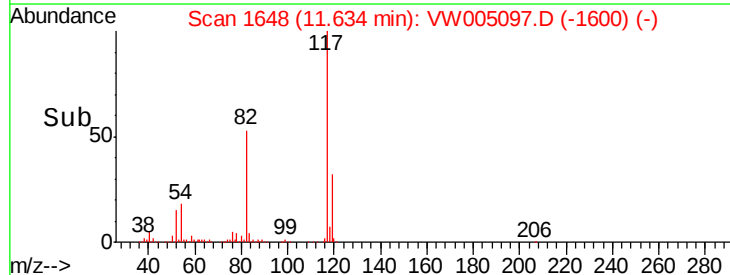
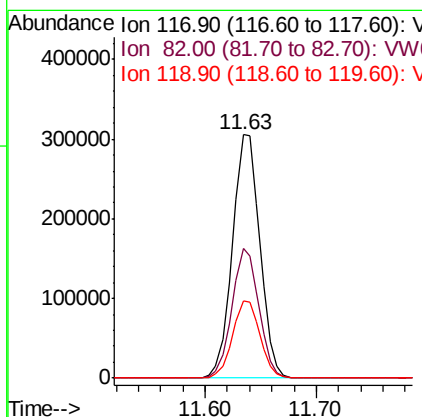
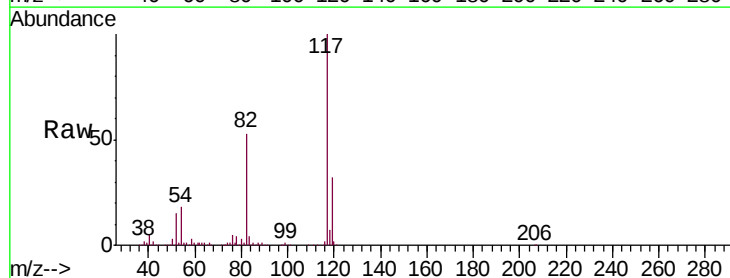
Instrument :
MSVOA_W
ClientSampled :
SB-03

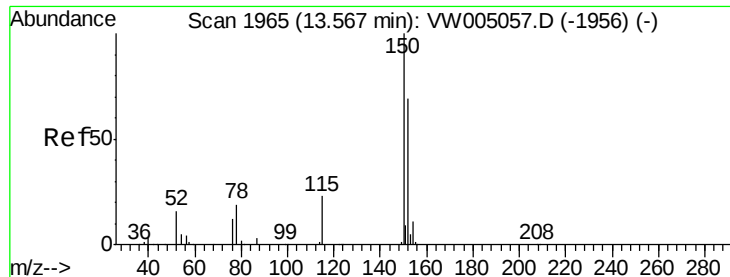
Tgt Ion: 95 Resp: 186227
Ion Ratio Lower Upper
95 100
174 91.5 0.0 173.4
176 87.0 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

Tgt Ion: 117 Resp: 519519
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 31.8 24.9 37.3



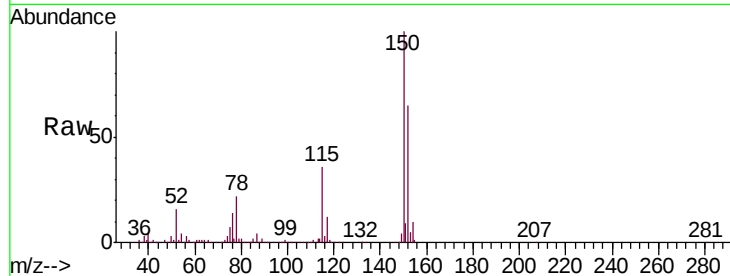


#72

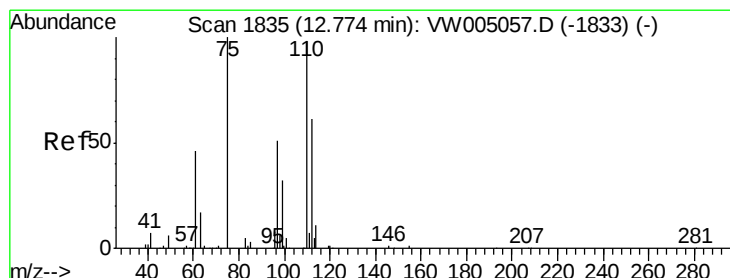
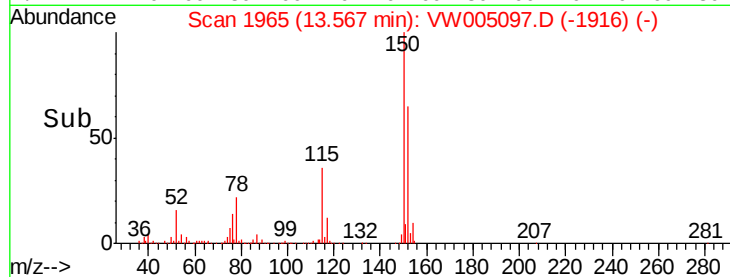
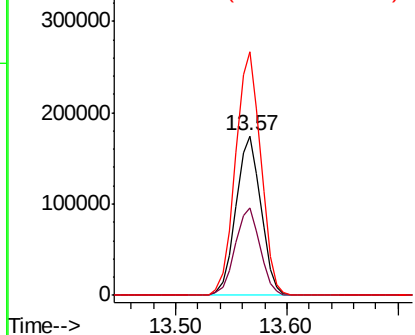
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

Instrument :
MSVOA_W
ClientSampleId :
SB-03

Tgt Ion: 152 Resp: 269766
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 155.3 0.0 351.4



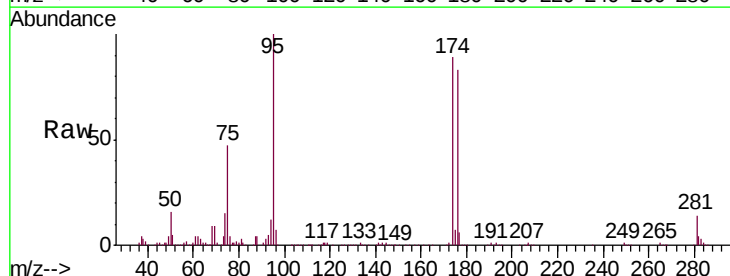
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 41.913 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

Tgt Ion: 75 Resp: 84870
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

