

Data File : VW005099.D
Acq On : 04 Sep 2018 23:37
Operator : SY/AP
Sample : J4712-07
Misc : 6.13G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-05

Quant Time: Sep 05 04:16:55 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	317528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	476272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	423045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139260	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.89	113	134731	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.33	98	466877	36.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.62%	
62) 4-Bromofluorobenzene	12.62	95	123306	27.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.14%	

Target Compounds

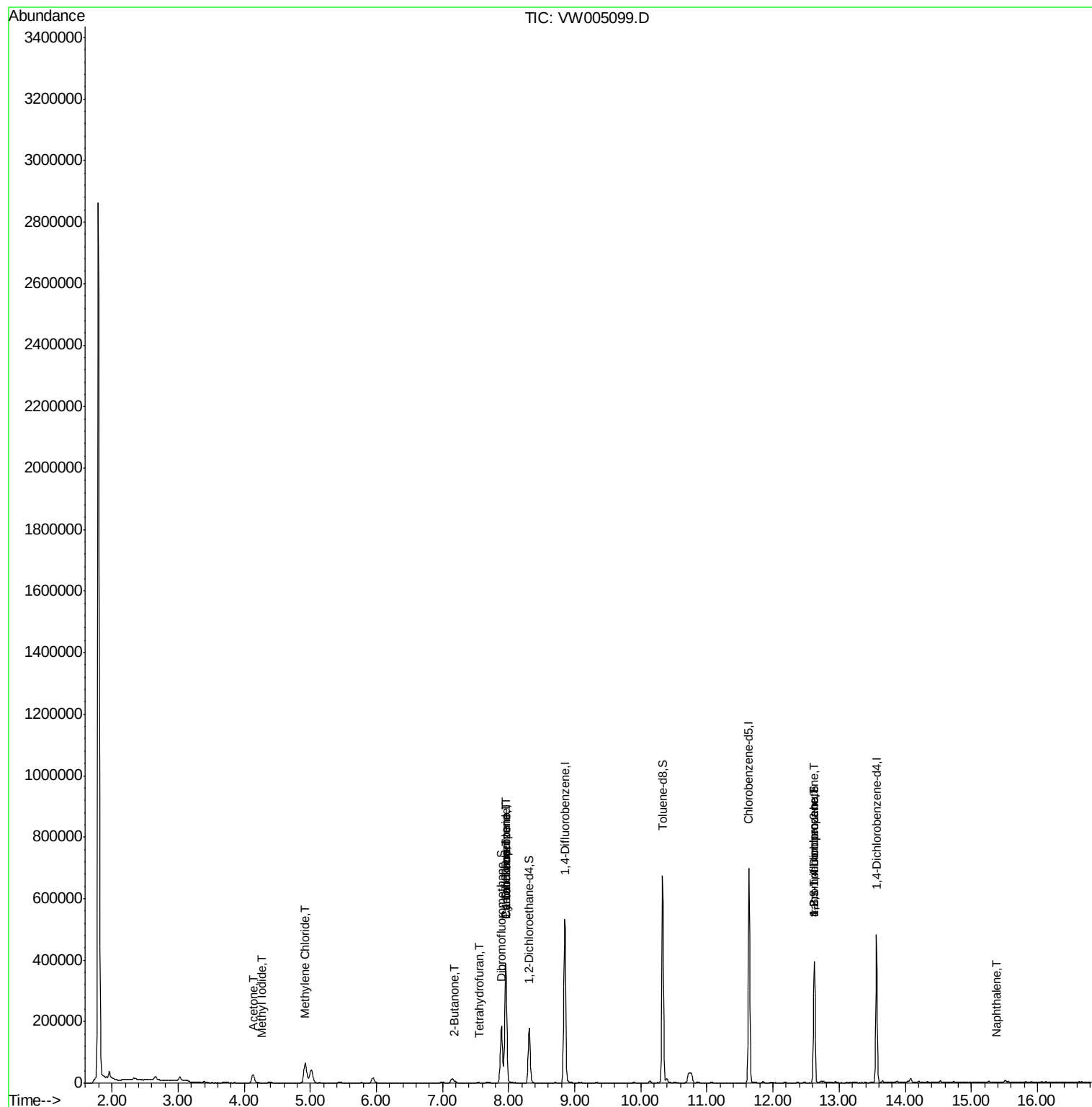
						Qvalue
5) Bromomethane	2.77	94	386	Below Cal	#	4
10) Methyl Iodide	4.28	142	22	3.824	ug/l #	44
11) Tert butyl alcohol	5.18	59	250	Below Cal	#	72
16) Acetone	4.13	43	45154	85.539	ug/l	94
20) Methylene Chloride	4.93	84	50682	11.191	ug/l	96
25) 2-Butanone	7.18	43	7603	8.304	ug/l	90
29) Tetrahydrofuran	7.54	42	759	1.622	ug/l #	59
31) Cyclohexane	7.96	56	5753	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	21311	4.698	ug/l #	47
38) Carbon Tetrachloride	7.96	117	27757	6.436	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	56801	55.626	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56801	133.884	ug/l #	14
95) Naphthalene	15.38	128	1649	4.289	ug/l #	83

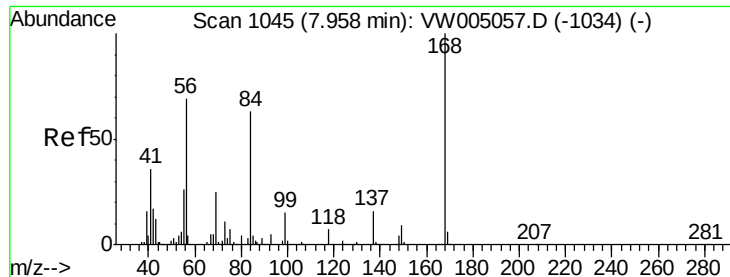
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

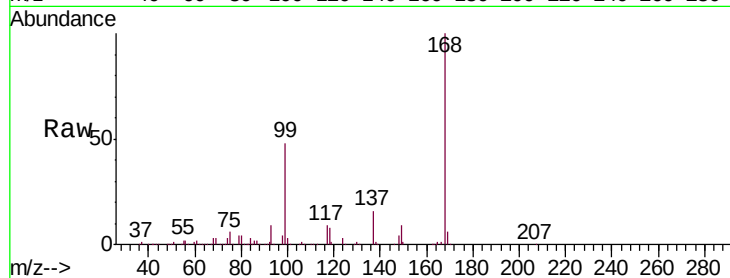
SB-05

Tgt Ion:168 Resp: 317528

Ion Ratio Lower Upper

168 100

99 47.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

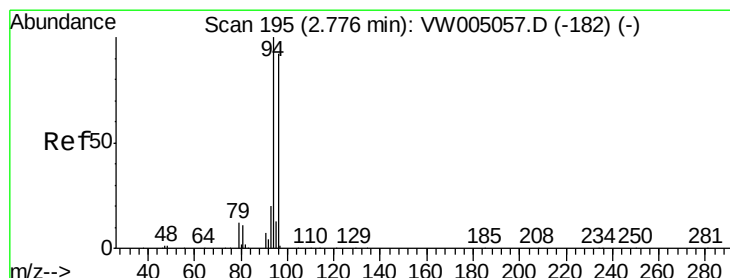
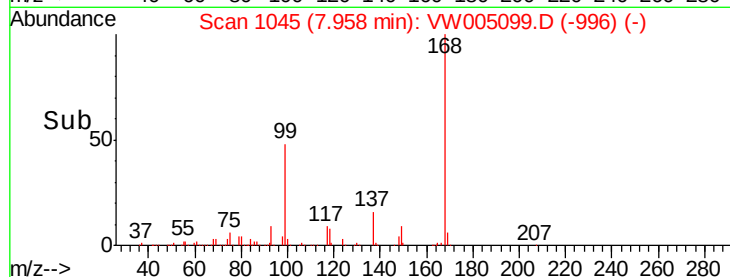
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005099.D

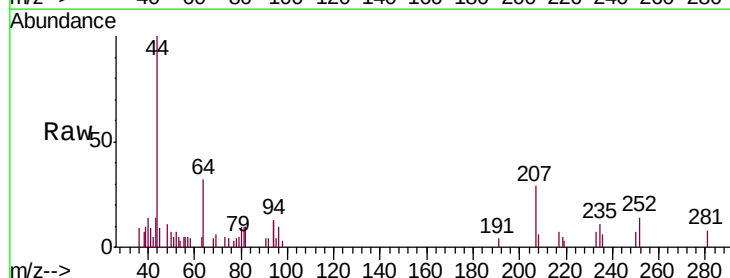
Acq: 04 Sep 2018 23:37

Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

500

400

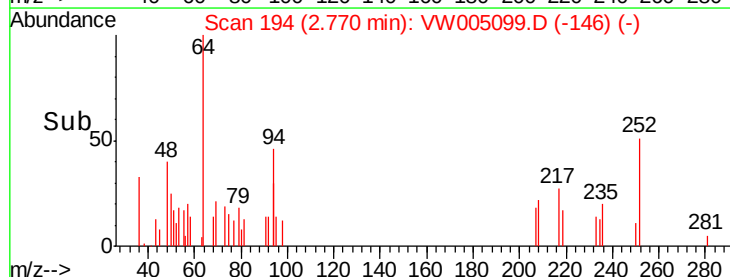
300

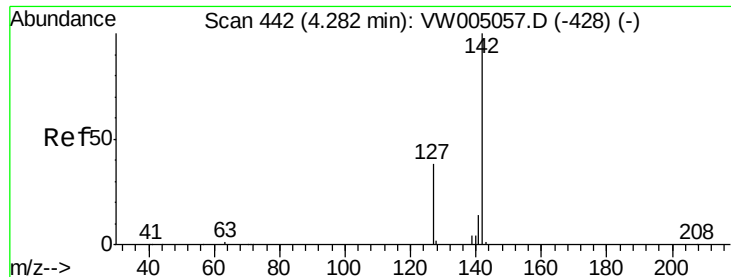
200

100

0

Time-->

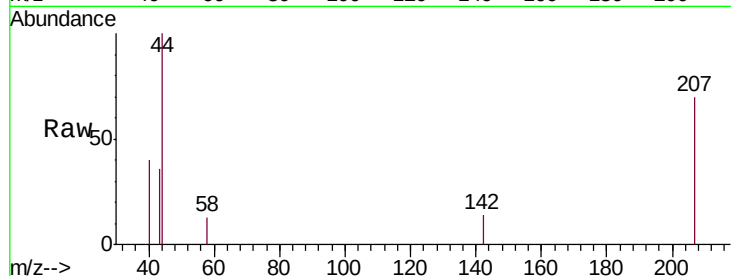




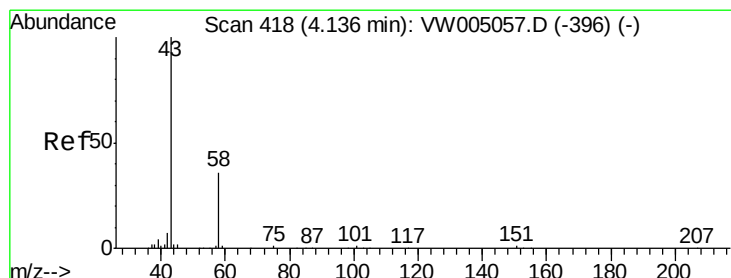
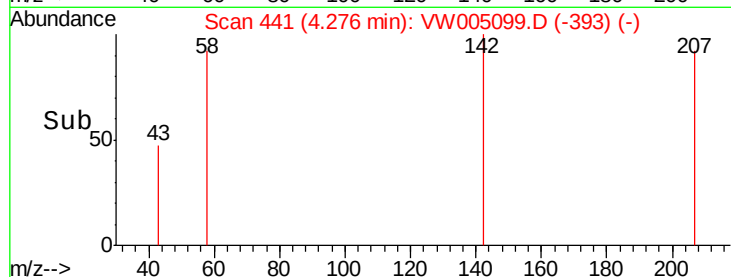
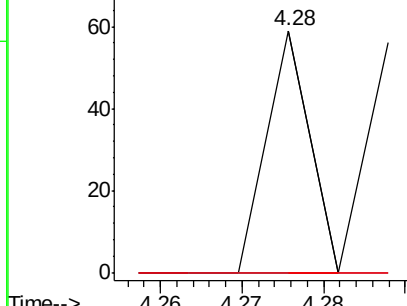
#10
Methyl Iodide
Concen: 3.824 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
SB-05

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

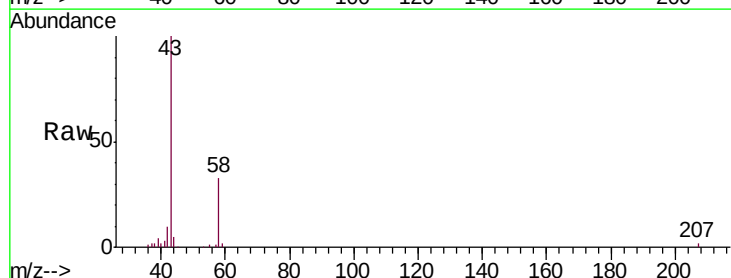


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

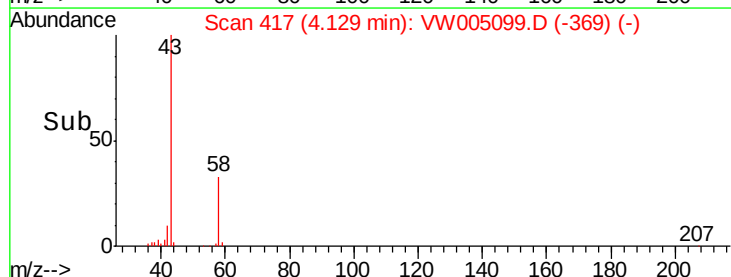
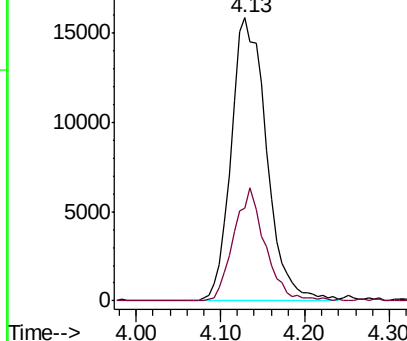


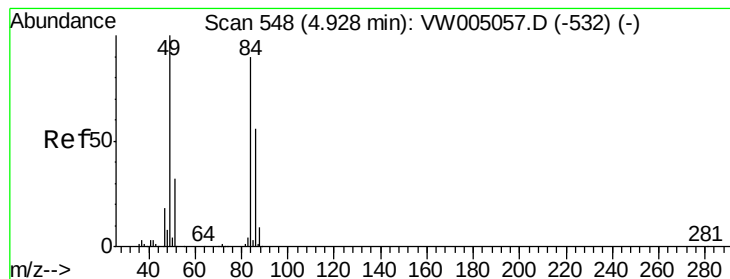
#16
Acetone
Concen: 85.539 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Tgt Ion: 43 Resp: 45154
Ion Ratio Lower Upper
43 100
58 32.7 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: 11.191 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW005099.D

Acq: 04 Sep 2018 23:37

Instrument :

MSVOA_W

ClientSampled :

SB-05

Tgt Ion: 84 Resp: 50682

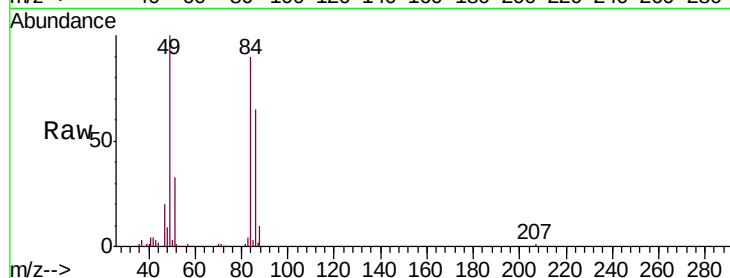
Ion Ratio Lower Upper

84 100

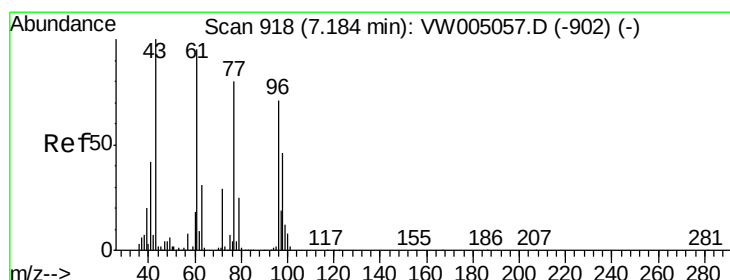
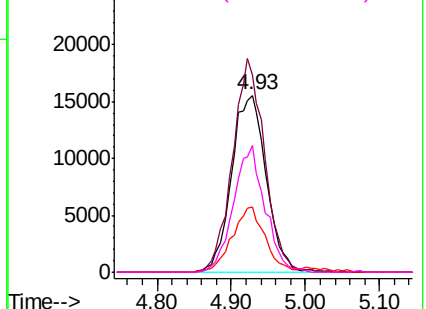
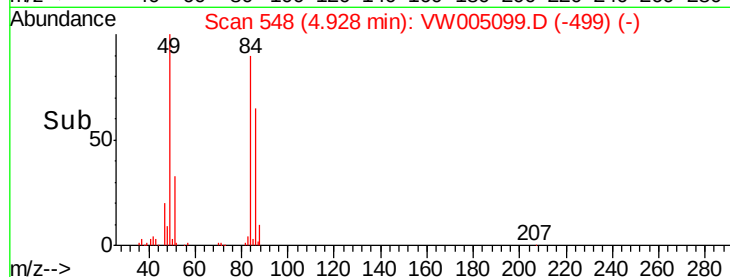
49 111.2 88.7 133.1

51 36.7 28.6 42.8

86 71.8 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



#25

2-Butanone

Concen: 8.304 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005099.D

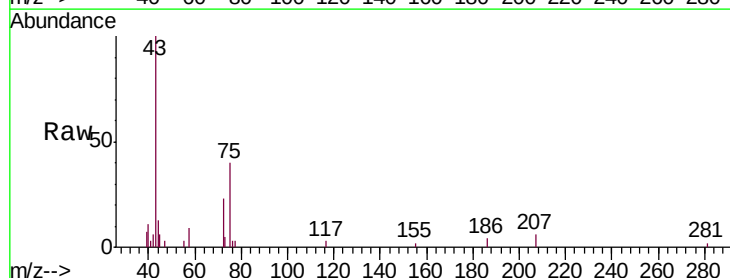
Acq: 04 Sep 2018 23:37

Tgt Ion: 43 Resp: 7603

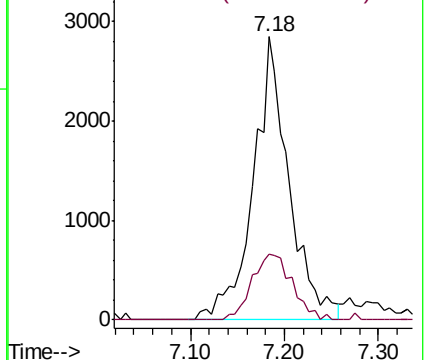
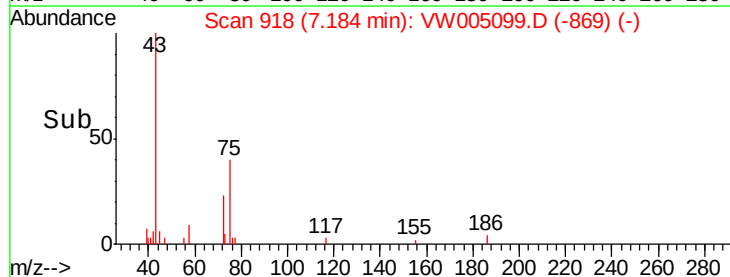
Ion Ratio Lower Upper

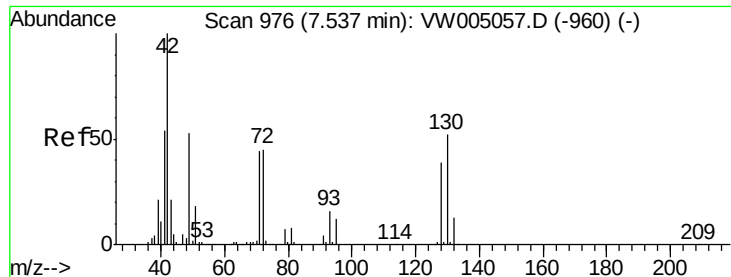
43 100

72 23.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

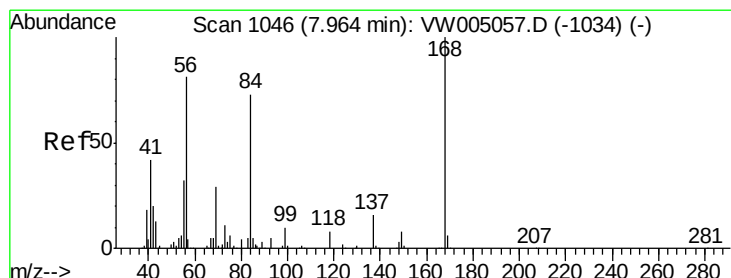
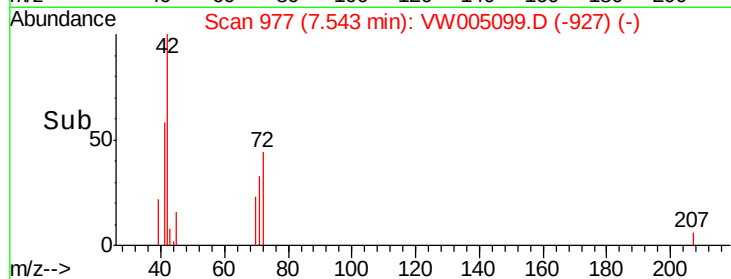
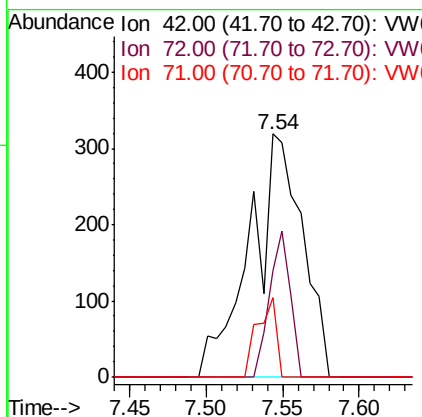
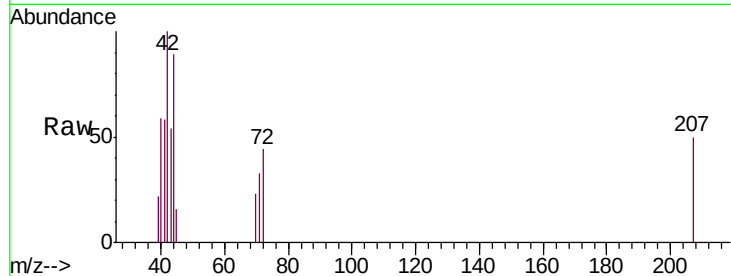




#29
Tetrahydrofuran
Concen: 1.622 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

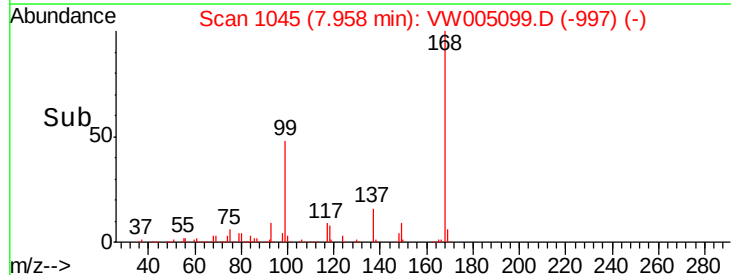
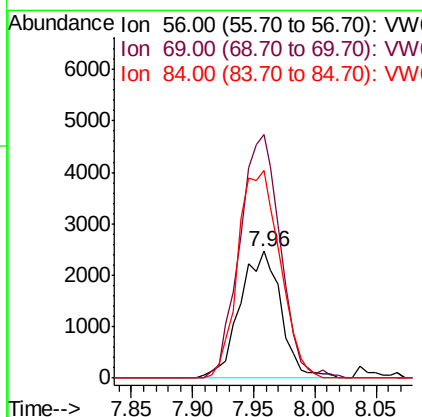
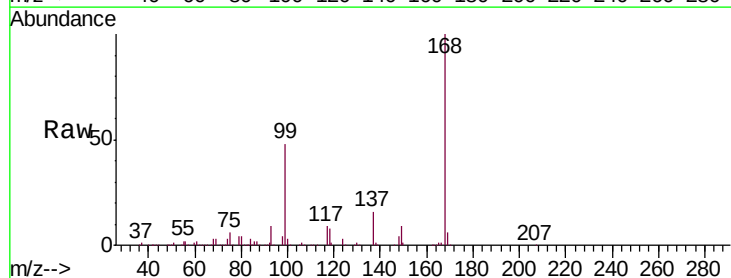
Instrument :
MSVOA_W
ClientSampled :
SB-05

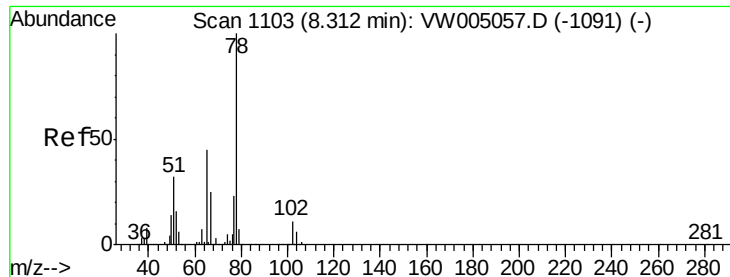
Tgt Ion: 42 Resp: 759
Ion Ratio Lower Upper
42 100
72 24.0 37.0 55.4#
71 11.7 35.0 52.6#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Tgt Ion: 56 Resp: 5753
Ion Ratio Lower Upper
56 100
69 191.6 28.2 42.2#
84 163.2 71.8 107.8#

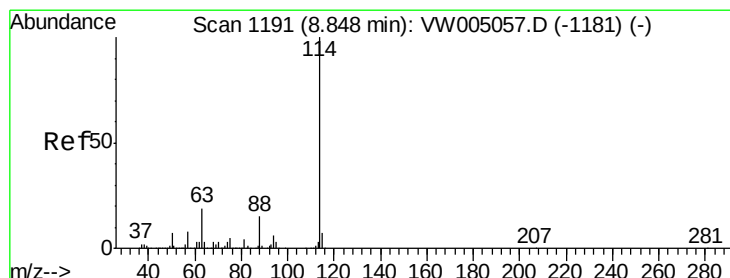
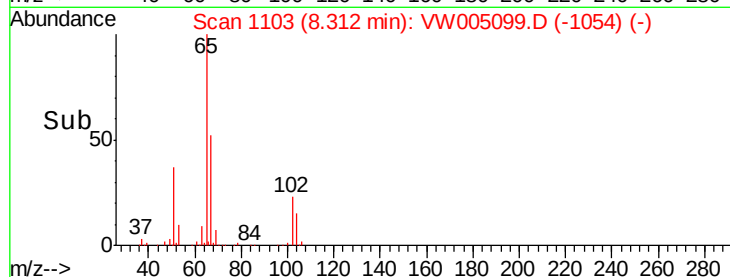
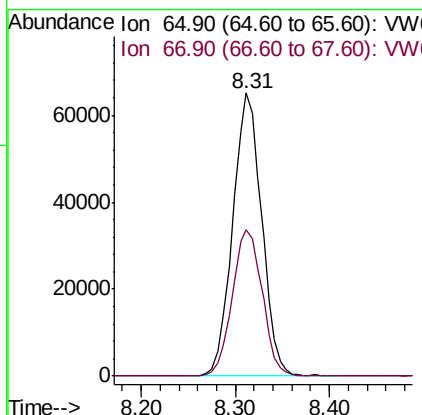
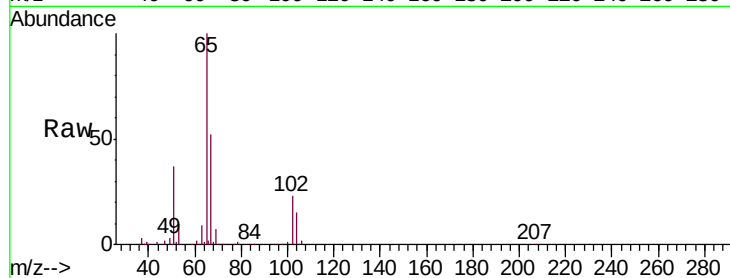




#33
 1,2-Dichloroethane-d4
 Concen: 52.907 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005099.D
 Acq: 04 Sep 2018 23:37

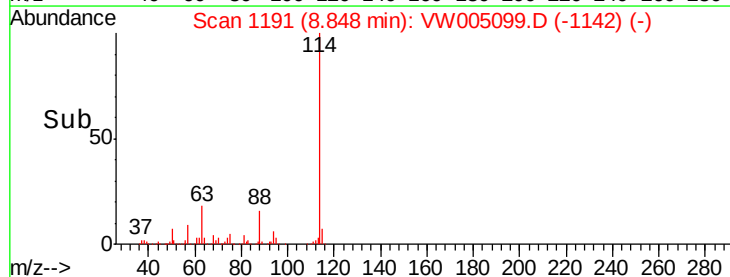
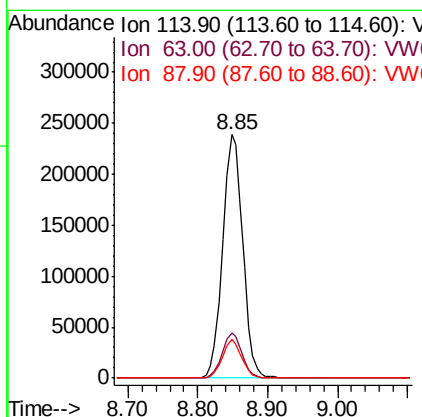
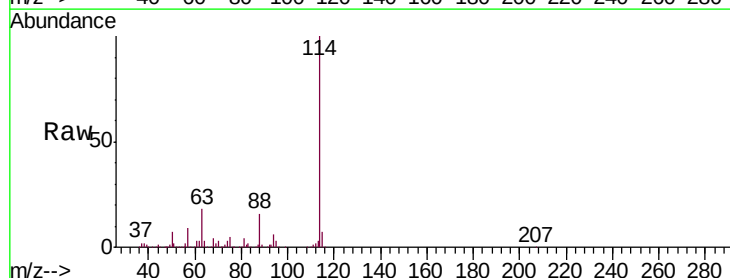
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05

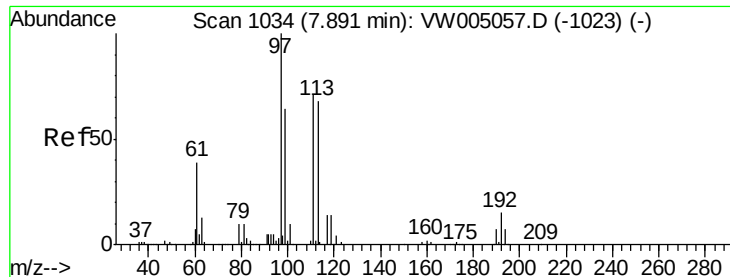
Tgt Ion: 65 Resp: 139260
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005099.D
 Acq: 04 Sep 2018 23:37

Tgt Ion: 114 Resp: 476272
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.9 0.0 30.2

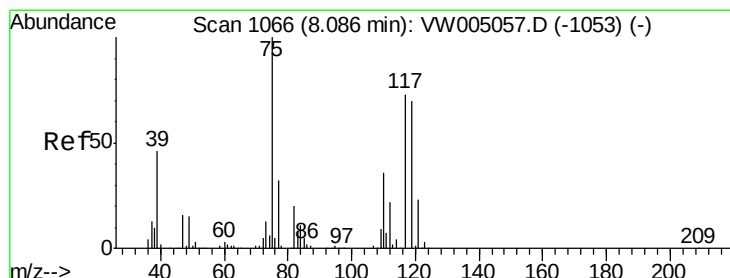
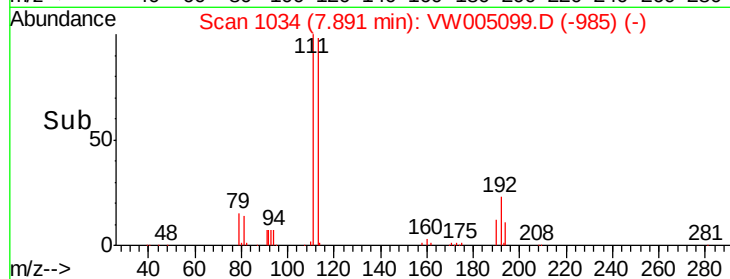
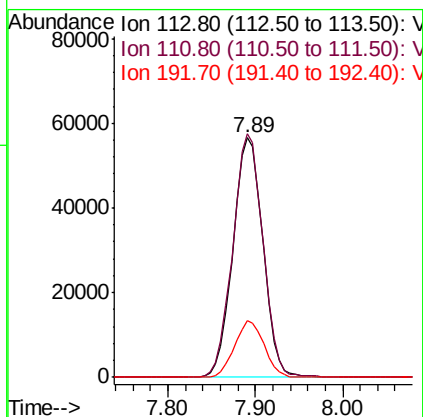
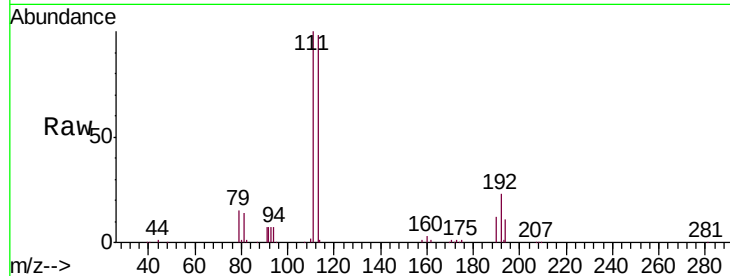




#35
 Dibromofluoromethane
 Concen: 48.952 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005099.D
 Acq: 04 Sep 2018 23:37

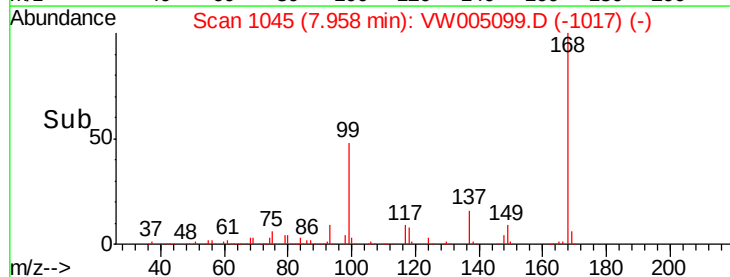
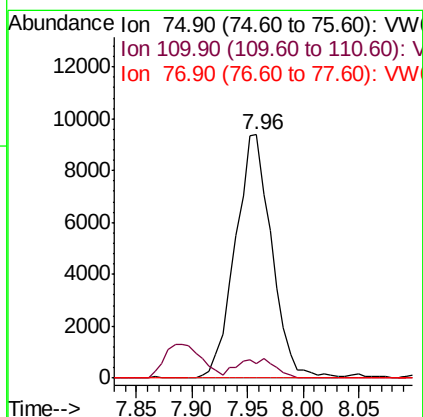
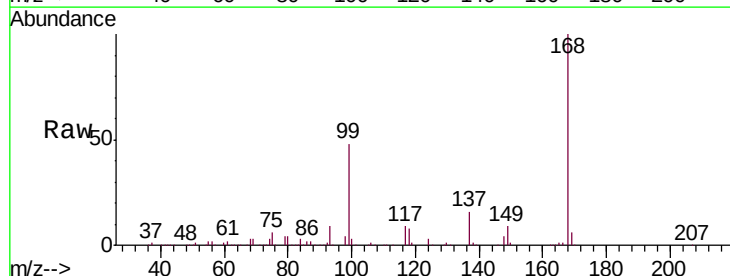
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05

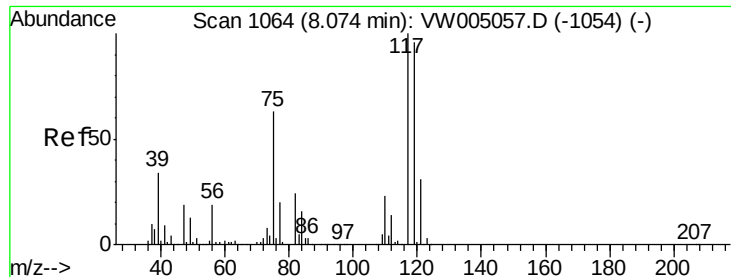
Tgt Ion: 113 Resp: 134731
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 23.1 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.698 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005099.D
 Acq: 04 Sep 2018 23:37

Tgt Ion: 75 Resp: 21311
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.9 56.7#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.436 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005099.D

Acq: 04 Sep 2018 23:37

Instrument :

MSVOA_W

ClientSampled :

SB-05

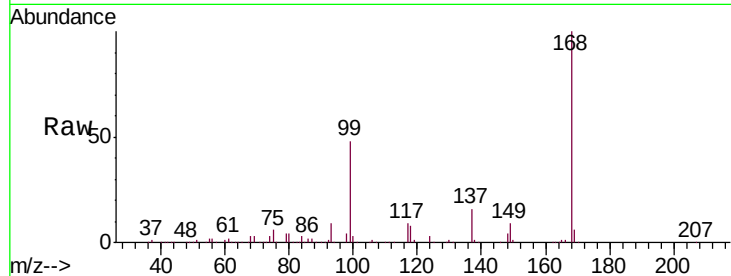
Tgt Ion:117 Resp: 27757

Ion Ratio Lower Upper

117 100

119 5.8 76.6 115.0#

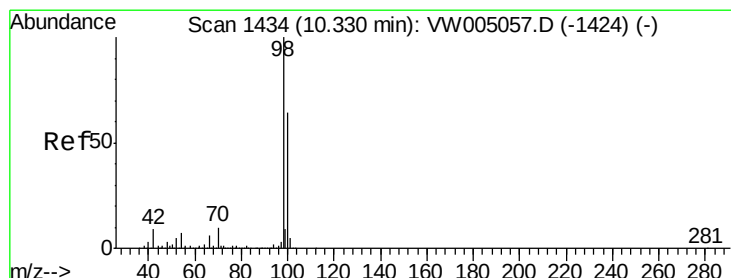
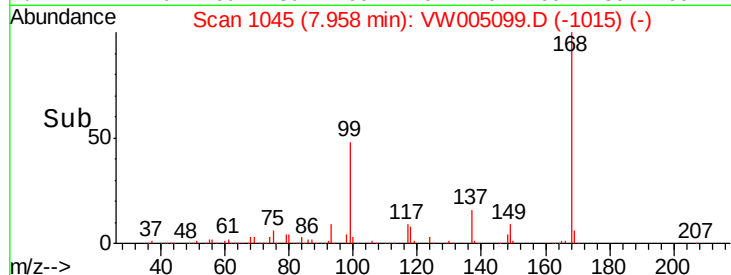
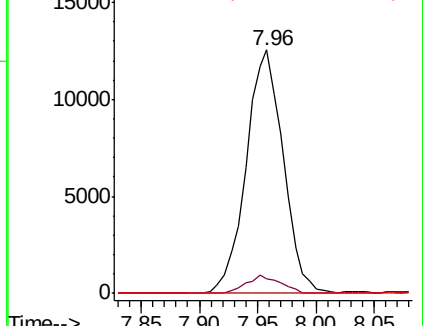
121 0.0 24.8 37.2#



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: 36.814 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005099.D

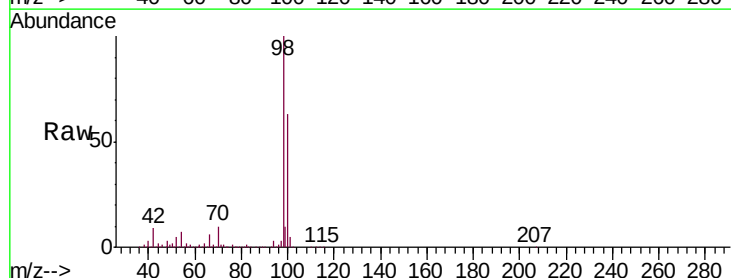
Acq: 04 Sep 2018 23:37

Tgt Ion: 98 Resp: 466877

Ion Ratio Lower Upper

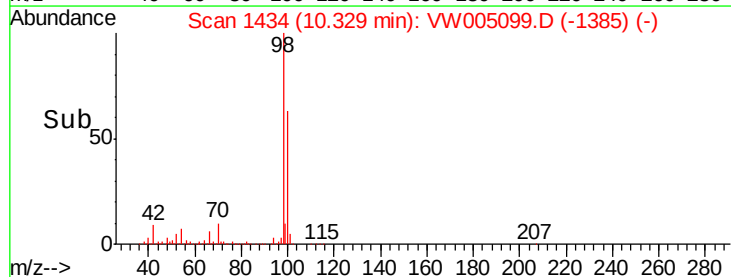
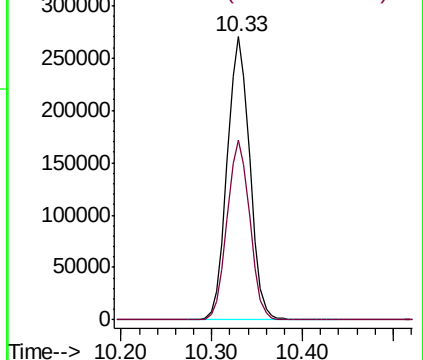
98 100

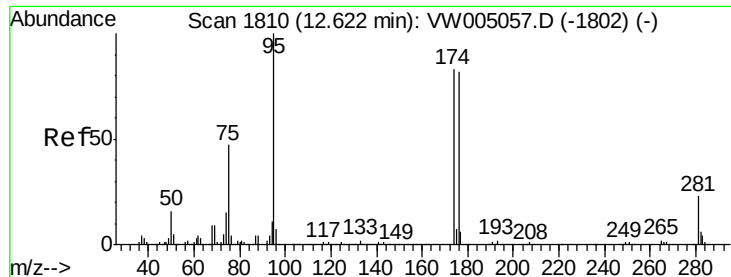
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

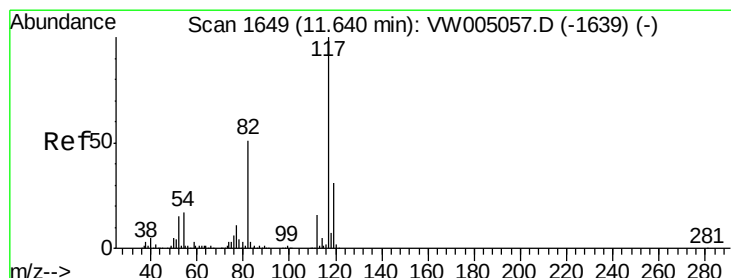
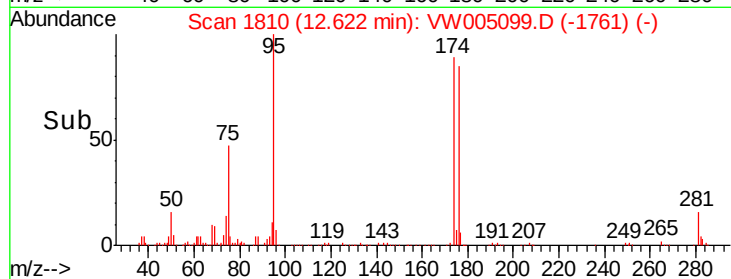
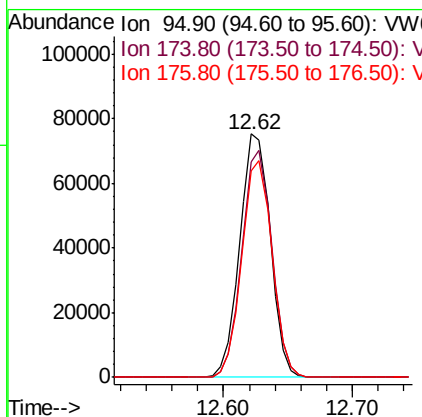
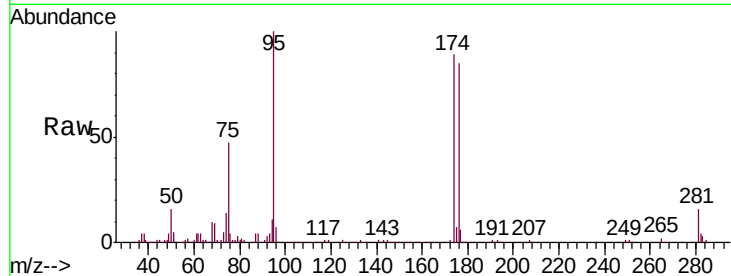




#62
4-Bromofluorobenzene
Concen: 27.574 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

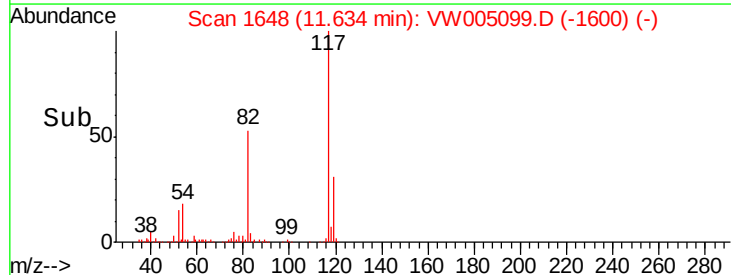
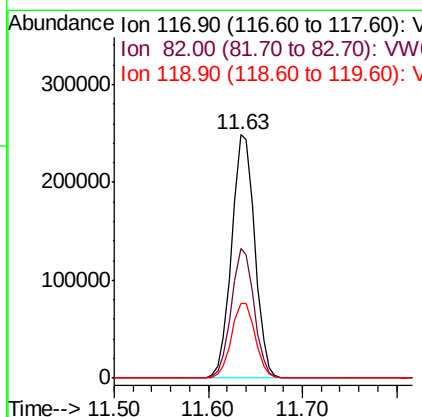
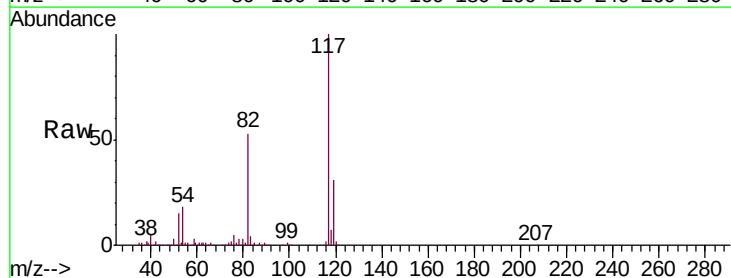
Instrument :
MSVOA_W
ClientSampleId :
SB-05

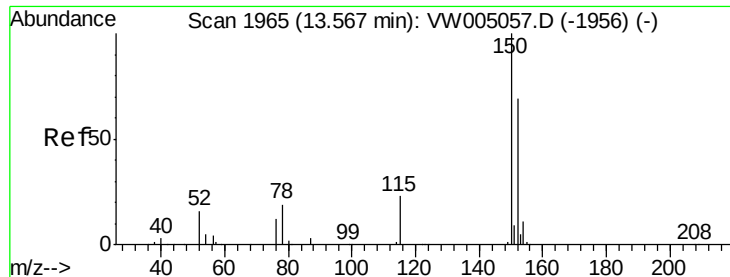
Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	173.4
176	88.4	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.9	61.3
119	30.9	24.9	37.3



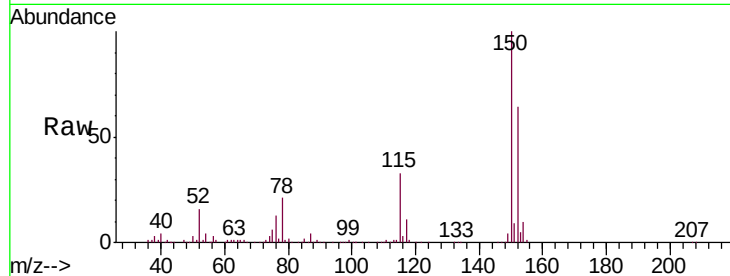


#72

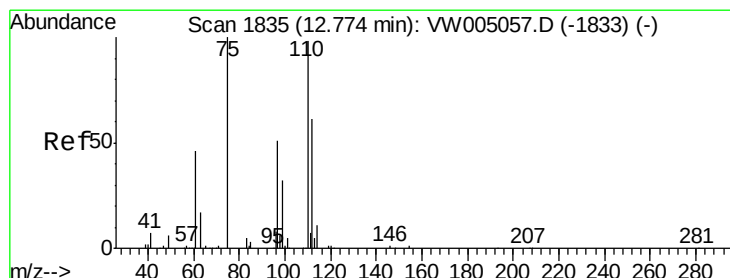
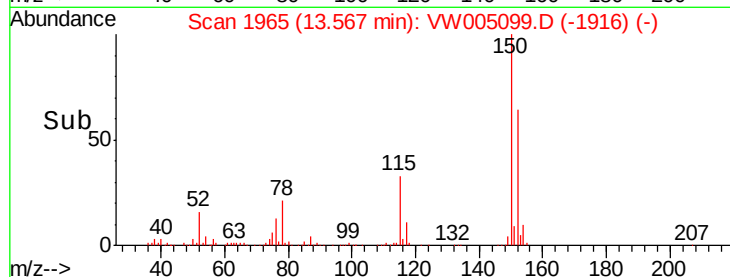
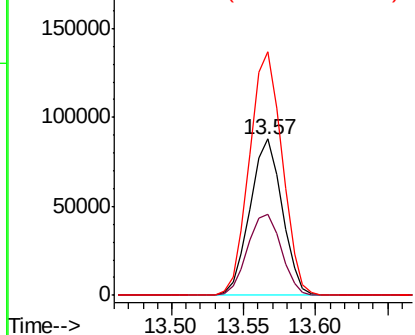
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Instrument :
MSVOA_W
ClientSampled :
SB-05

Tgt Ion:152 Resp: 136038
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 157.8 0.0 351.4



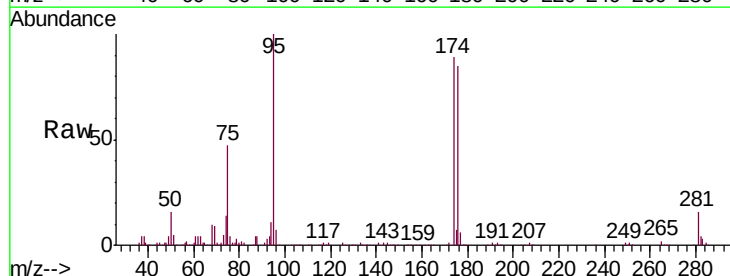
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



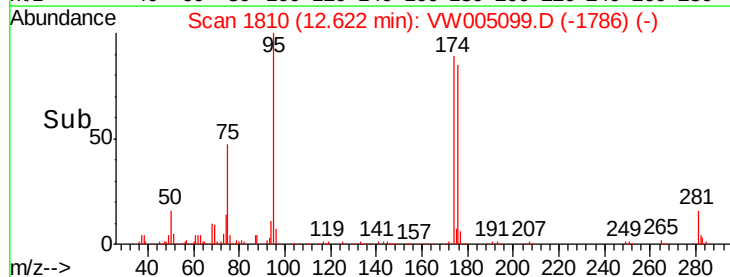
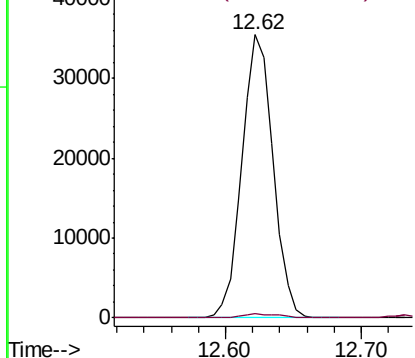
#76

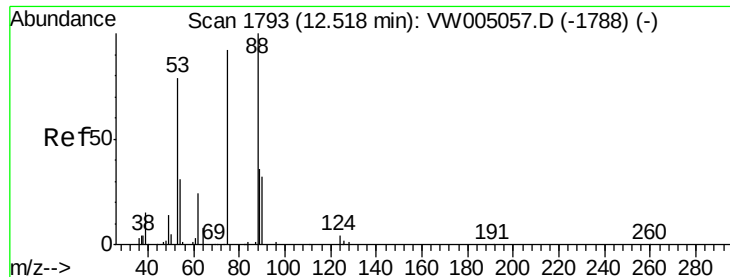
1,2,3-Trichloropropane
Concen: 55.626 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005099.D
Acq: 04 Sep 2018 23:37

Tgt Ion: 75 Resp: 56801
Ion Ratio Lower Upper
75 100
77 1.7 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: 133.884 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005099.D

Acq: 04 Sep 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

SB-05

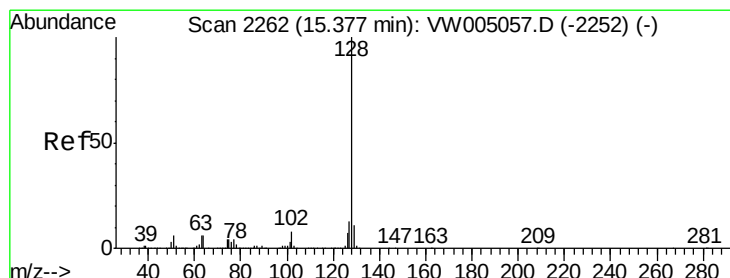
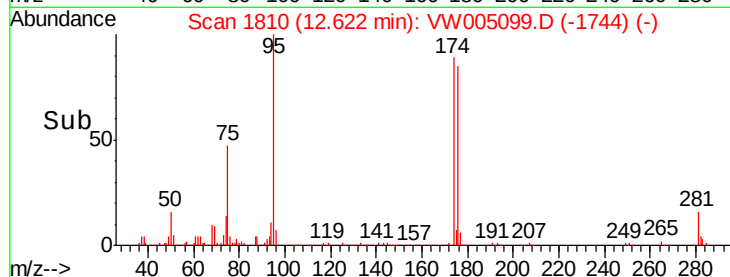
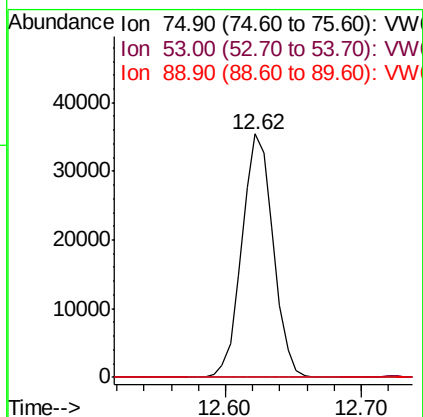
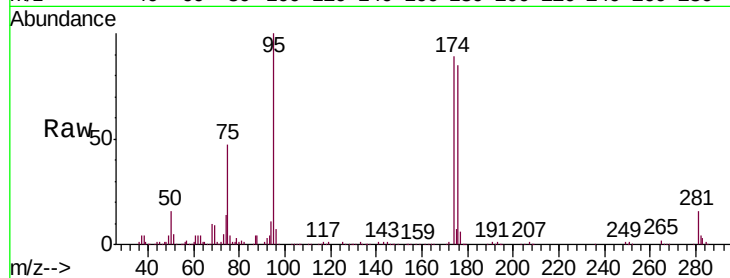
Tgt Ion: 75 Resp: 56801

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 36.0 54.0#



#95

Naphthalene

Concen: 4.289 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005099.D

Acq: 04 Sep 2018 23:37

Tgt Ion: 128 Resp: 1649

Ion Ratio Lower Upper

128 100

127 9.2 10.4 15.6#

129 1.2 8.7 13.1#

