

Data File : VW005136.D
Acq On : 05 Sep 2018 18:19
Operator : SY/AP
Sample : J4712-03RE
Misc : 6.66G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-15RE

Quant Time: Sep 06 01:21:20 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	596232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	929826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	939813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	484181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	323666	65.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.98%	
35) Dibromofluoromethane	7.89	113	292978	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.33	98	1339796	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.62	95	495938	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	

Target Compounds

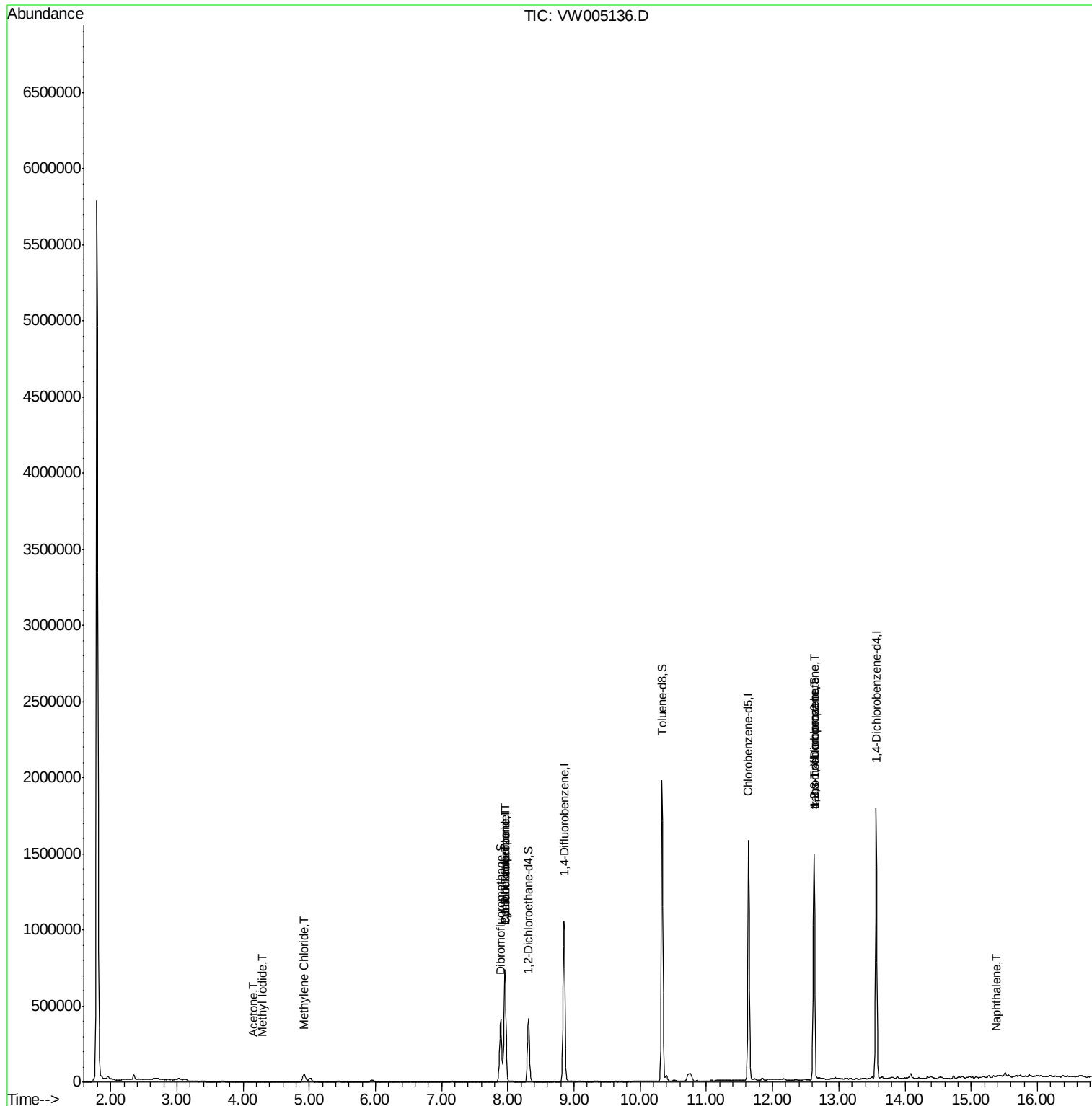
						Qvalue
5) Bromomethane	2.77	94	687	Below Cal	#	39
10) Methyl Iodide	4.28	142	499	3.878	ug/l #	74
11) Tert butyl alcohol	5.20	59	322	Below Cal	#	72
16) Acetone	4.15	43	2400	2.421	ug/l	91
20) Methylene Chloride	4.92	84	39567	2.186	ug/l	98
31) Cyclohexane	7.95	56	11251	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	42607	4.811	ug/l #	47
38) Carbon Tetrachloride	7.96	117	54093	6.424	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	233036	64.120	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	233036	154.330	ug/l #	14
95) Naphthalene	15.38	128	7776	4.389	ug/l #	89

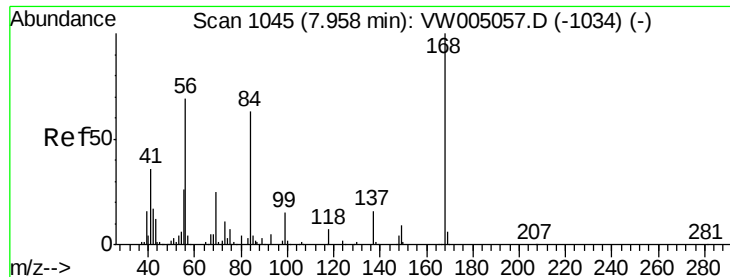
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005136.D

Acq: 05 Sep 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

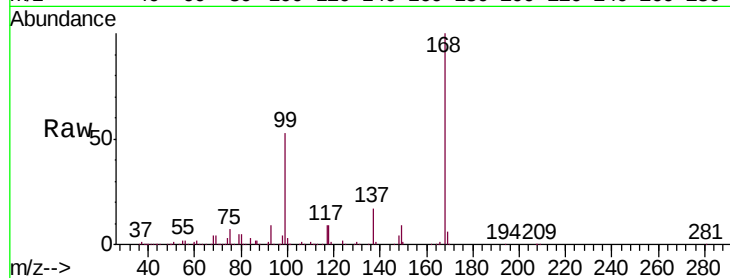
SB-15RE

Tgt Ion:168 Resp: 596232

Ion Ratio Lower Upper

168 100

99 52.5 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

250000

200000

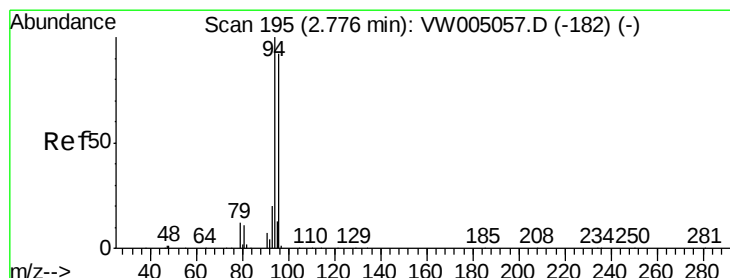
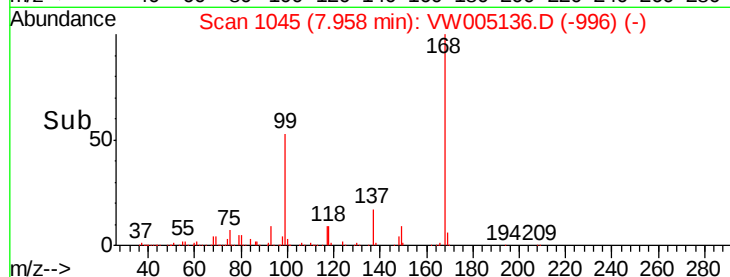
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005136.D

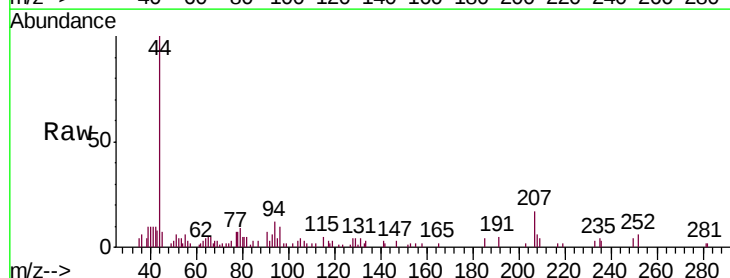
Acq: 05 Sep 2018 18:19

Tgt Ion: 94 Resp: 687

Ion Ratio Lower Upper

94 100

96 33.2 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

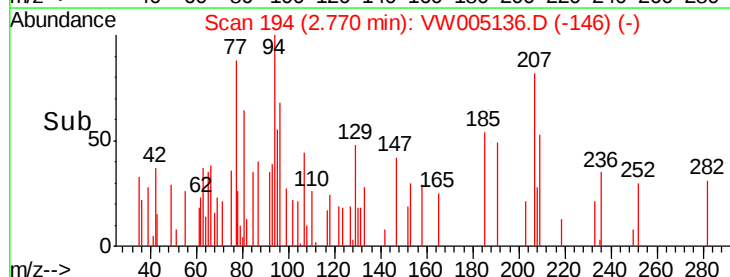
300

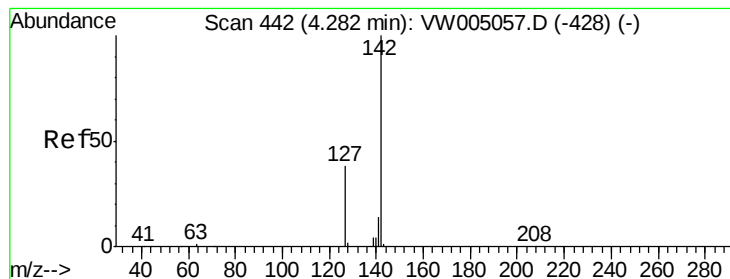
200

100

0

Time-->





#10

Methyl Iodide

Concen: 3.878 ug/l

RT: 4.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: VW005136.D

Acq: 05 Sep 2018 18:19

Instrument :

MSVOA_W

ClientSampled :

SB-15RE

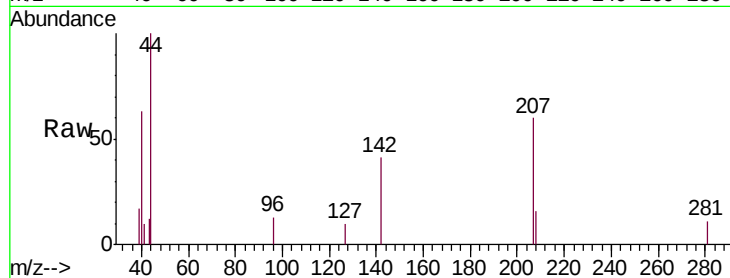
Tgt Ion:142 Resp: 499

Ion Ratio Lower Upper

142 100

127 24.6 30.8 46.2#

141 0.0 11.6 17.4#



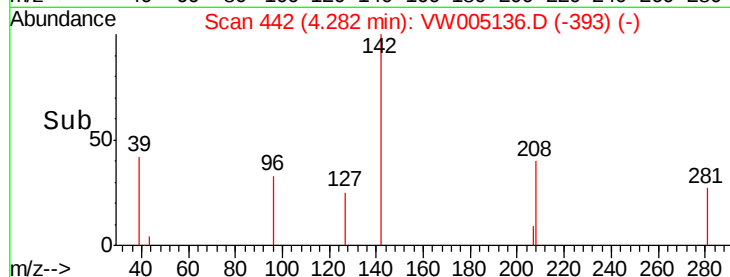
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

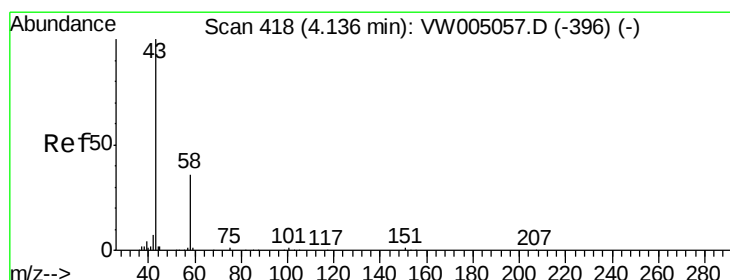
Ion 140.80 (140.50 to 141.50): V

Time--> 4.20 4.25 4.30

4.28



Time--> 4.20 4.25 4.30



#16

Acetone

Concen: 2.421 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW005136.D

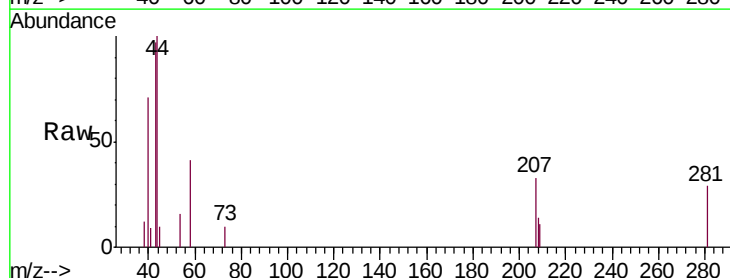
Acq: 05 Sep 2018 18:19

Tgt Ion: 43 Resp: 2400

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6

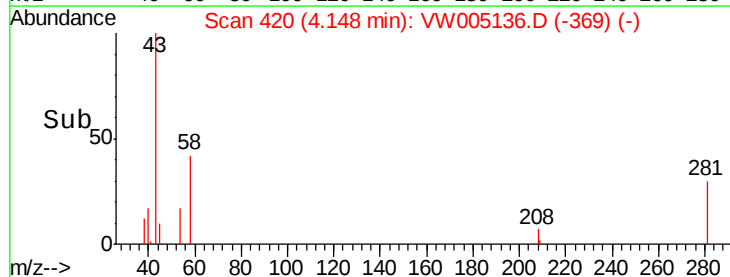


Abundance Ion 43.00 (42.70 to 43.70): VW

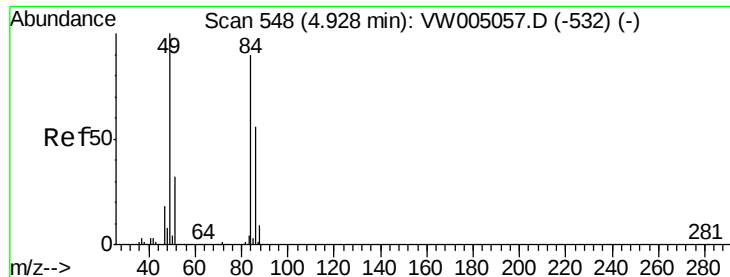
Ion 58.00 (57.70 to 58.70): VW

Time--> 4.05 4.10 4.15 4.20

4.15



Time--> 4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 2.186 ug/l

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW005136.D

Acq: 05 Sep 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15RE

Tgt Ion: 84 Resp: 39567

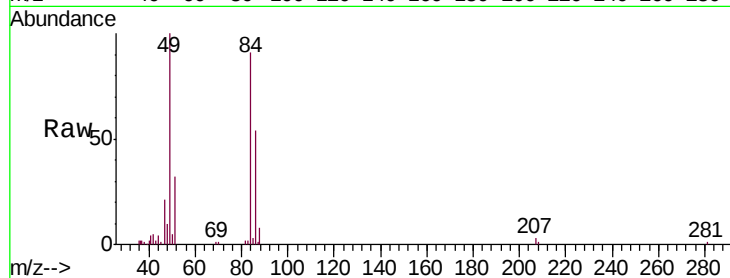
Ion Ratio Lower Upper

84 100

49 109.4 88.7 133.1

51 34.8 28.6 42.8

86 59.4 49.4 74.2

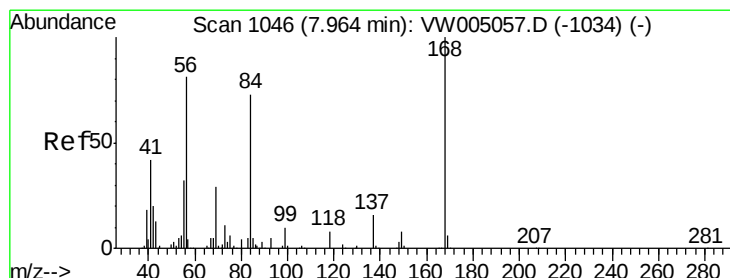
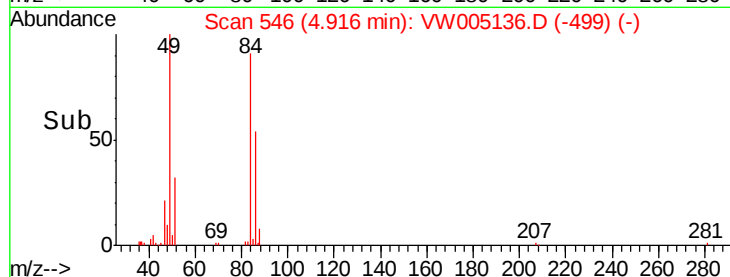
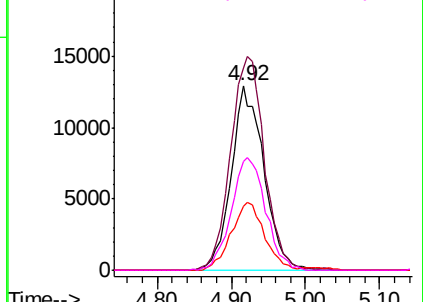


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005136.D

Acq: 05 Sep 2018 18:19

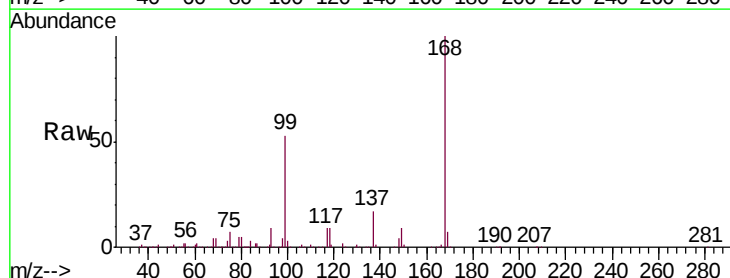
Tgt Ion: 56 Resp: 11251

Ion Ratio Lower Upper

56 100

69 192.4 28.2 42.2#

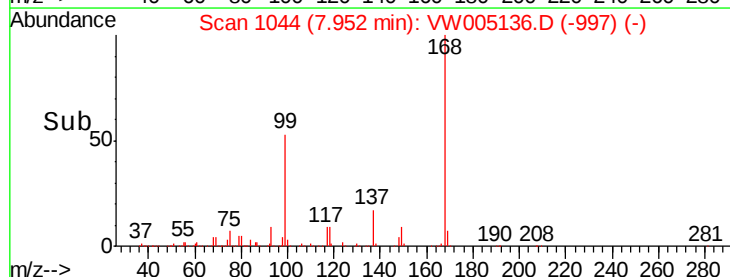
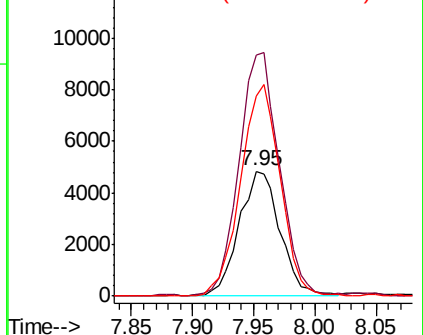
84 160.3 71.8 107.8#

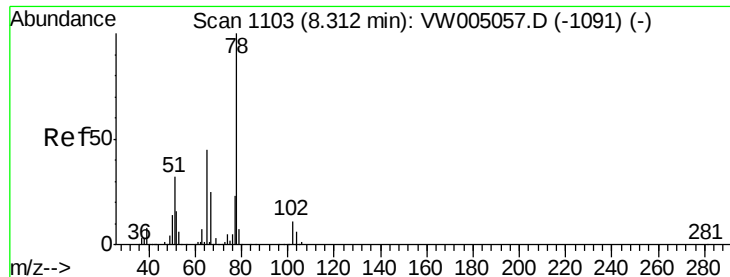


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

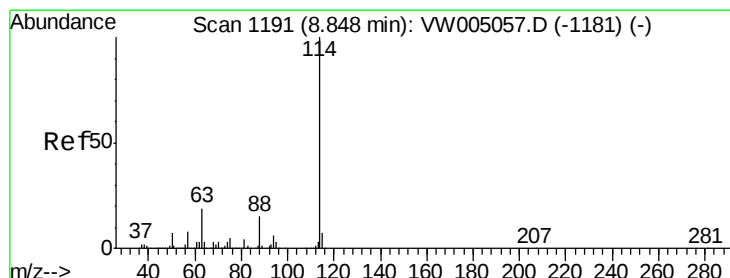
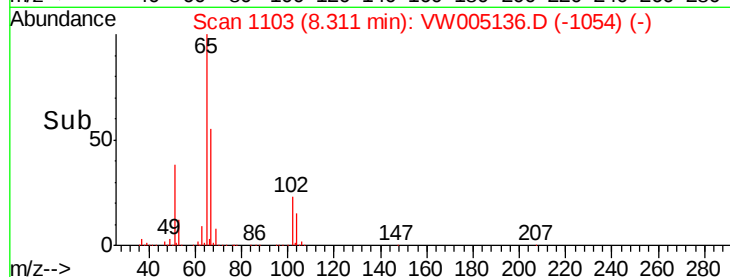
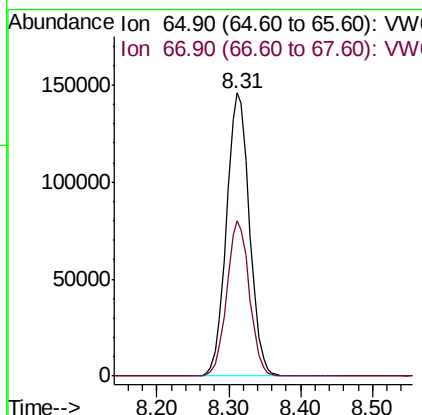
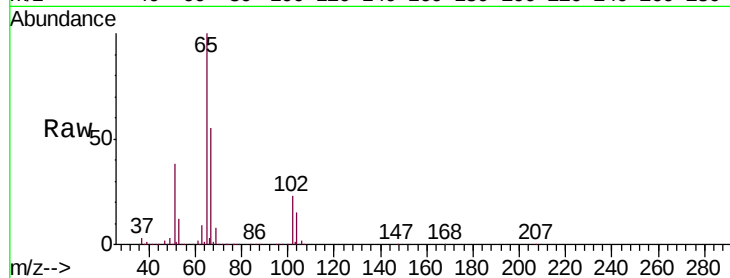




#33
 1,2-Dichloroethane-d4
 Concen: 65.486 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005136.D
 Acq: 05 Sep 2018 18:19

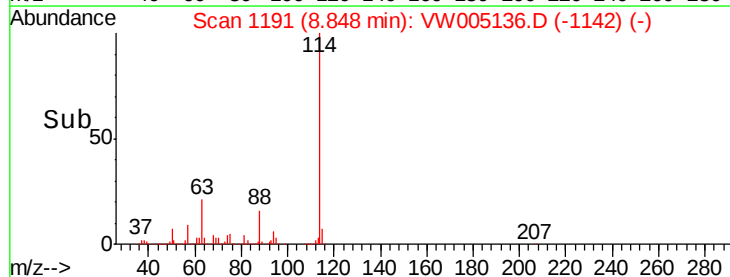
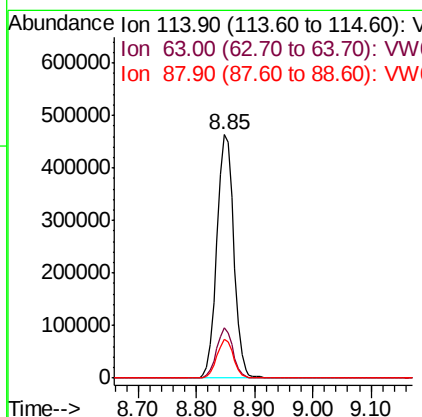
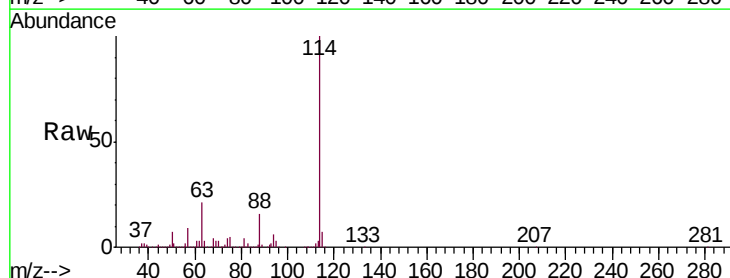
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15RE

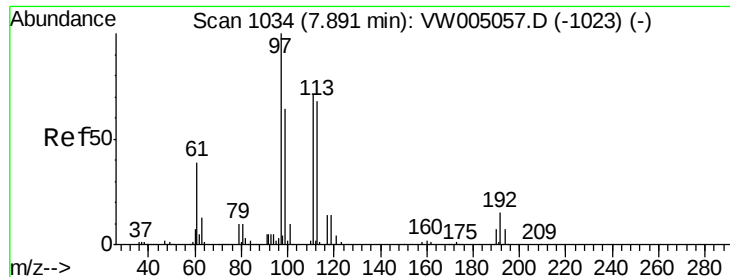
Tgt Ion: 65 Resp: 323666
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005136.D
 Acq: 05 Sep 2018 18:19

Tgt Ion: 114 Resp: 929826
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.0
 88 16.0 0.0 30.2

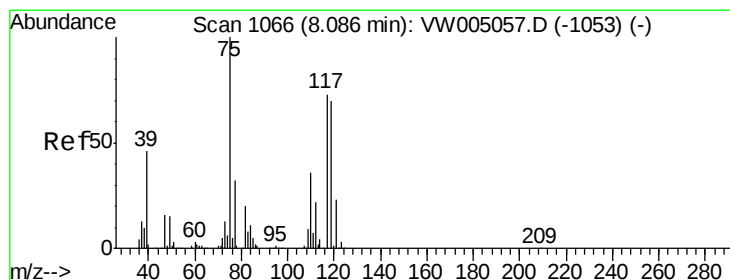
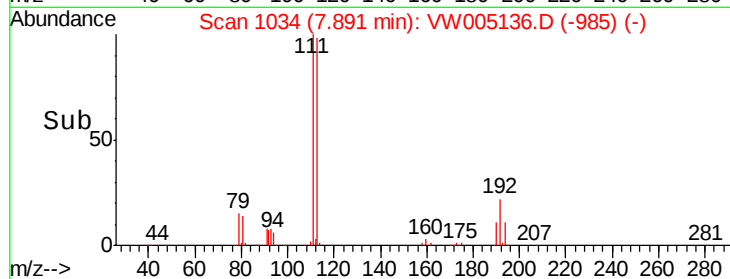
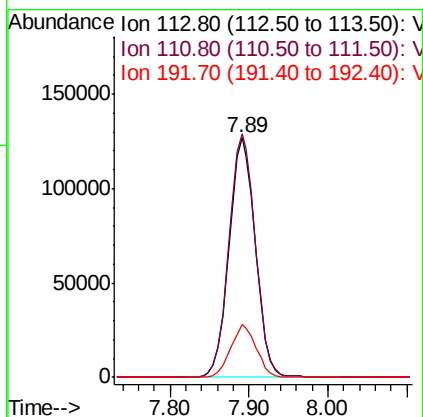
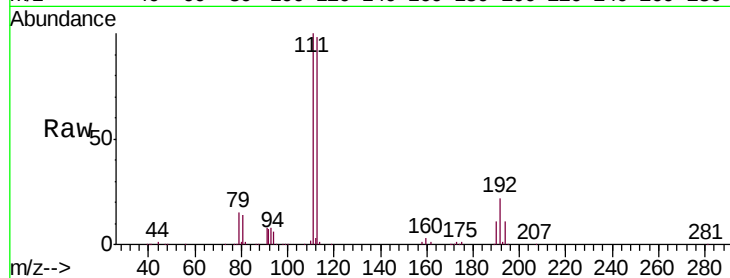




#35
 Dibromofluoromethane
 Concen: 54.525 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005136.D
 Acq: 05 Sep 2018 18:19

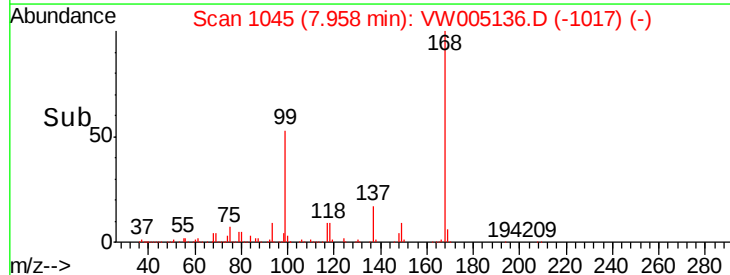
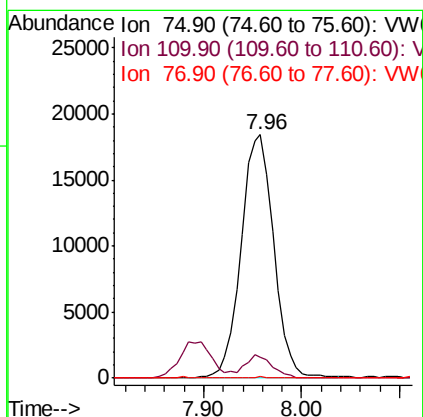
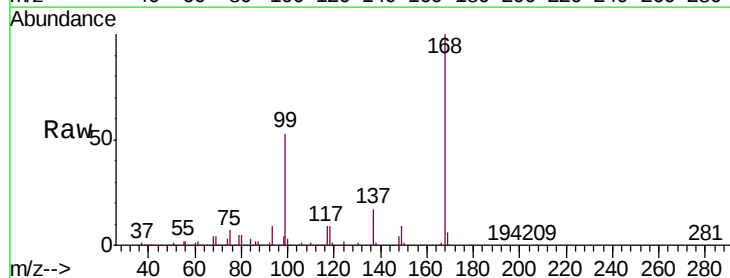
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15RE

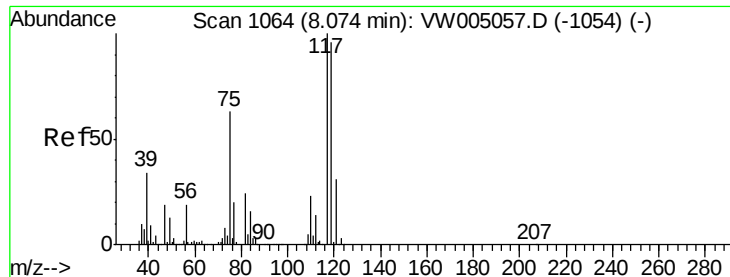
Tgt Ion:113 Resp: 292978
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 21.5 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.811 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005136.D
 Acq: 05 Sep 2018 18:19

Tgt Ion: 75 Resp: 42607
 Ion Ratio Lower Upper
 75 100
 110 7.5 18.9 56.7#
 77 0.4 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.424 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005136.D

Acq: 05 Sep 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15RE

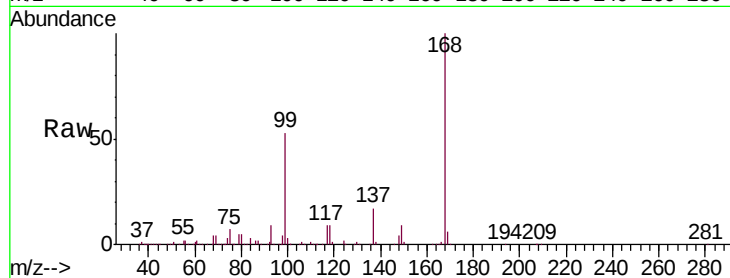
Tgt Ion:117 Resp: 54093

Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

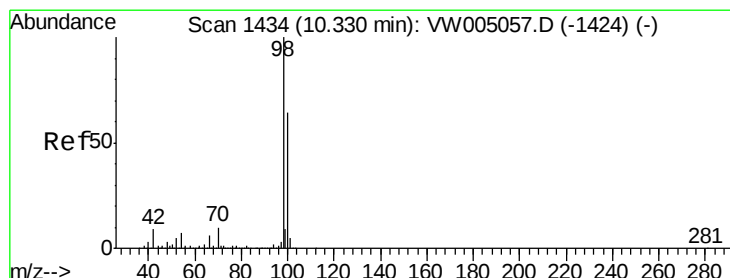
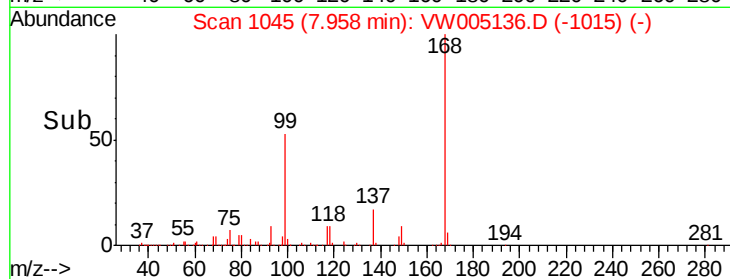
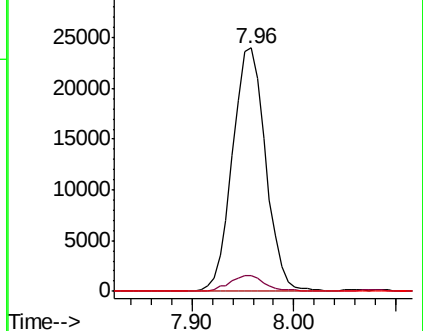
121 0.0 24.8 37.2#



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: 54.113 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005136.D

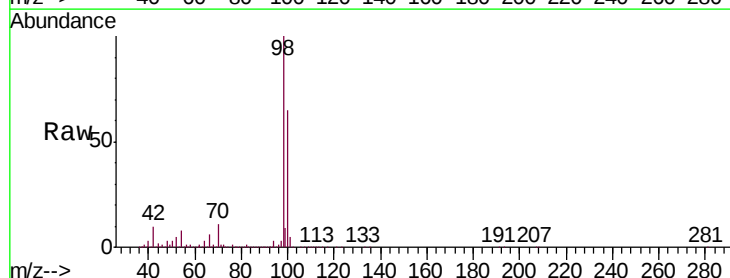
Acq: 05 Sep 2018 18:19

Tgt Ion: 98 Resp: 1339796

Ion Ratio Lower Upper

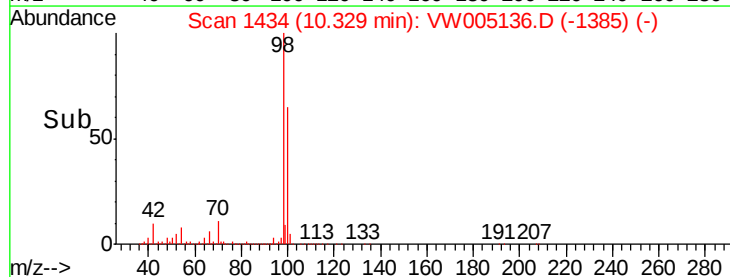
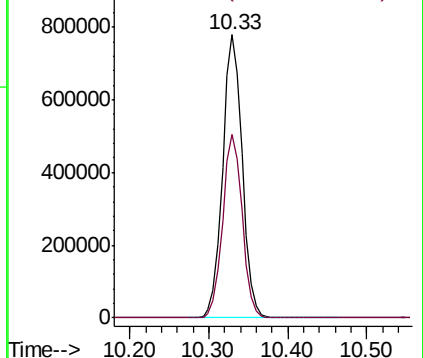
98 100

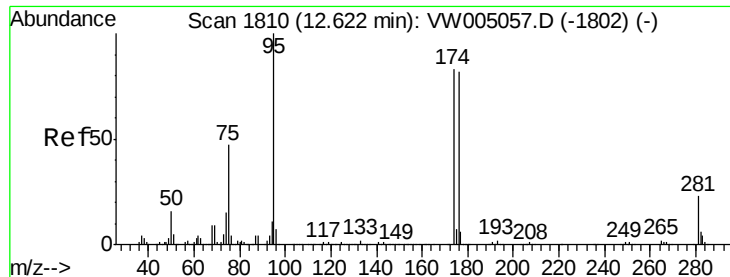
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

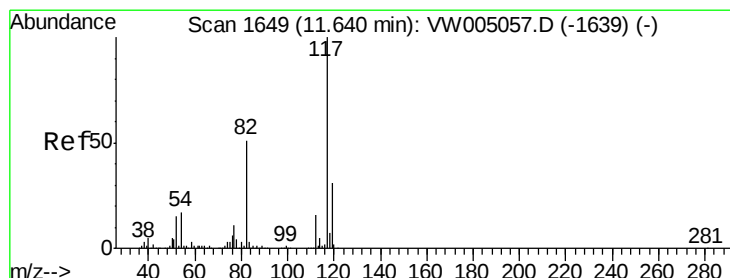
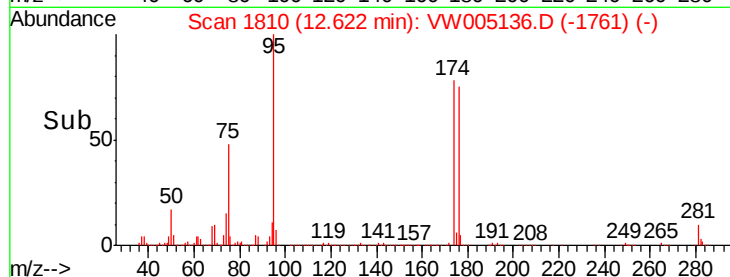
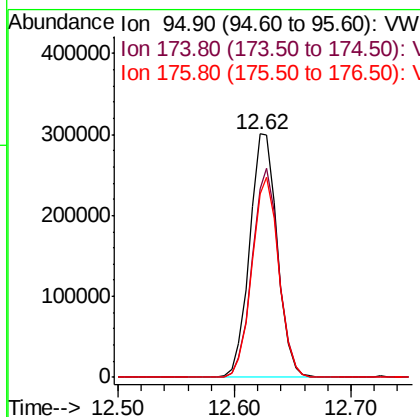
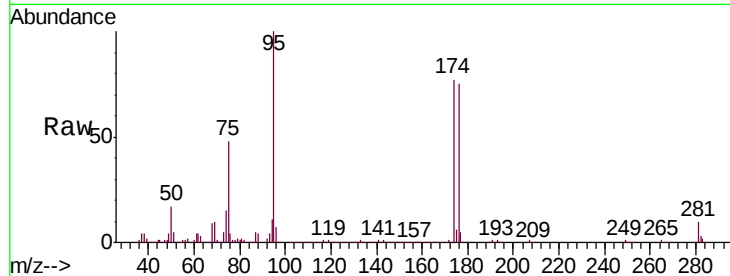




#62
4-Bromofluorobenzene
Concen: 56.806 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

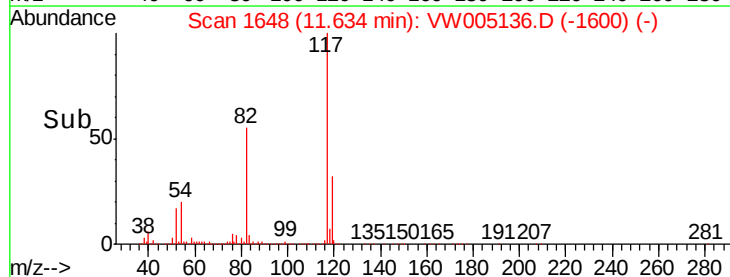
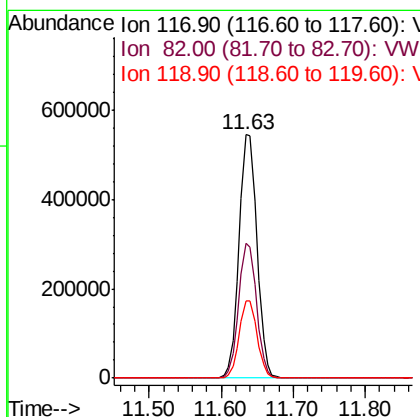
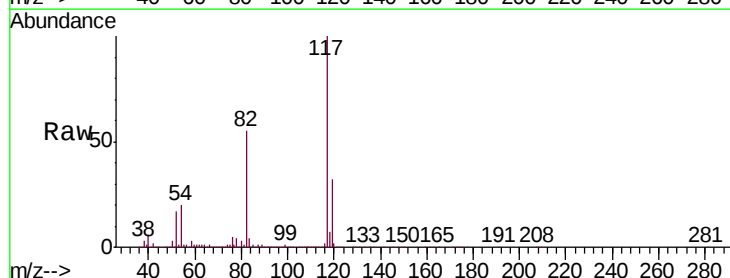
Instrument :
MSVOA_W
ClientSampleId :
SB-15RE

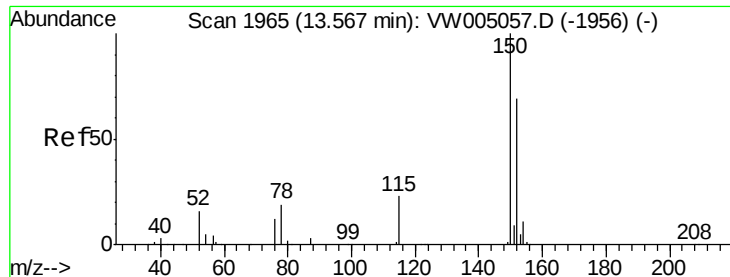
Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	173.4
176	80.1	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.9	61.3
119	31.6	24.9	37.3



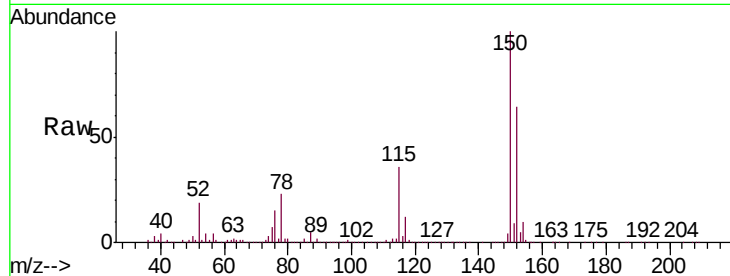


#72

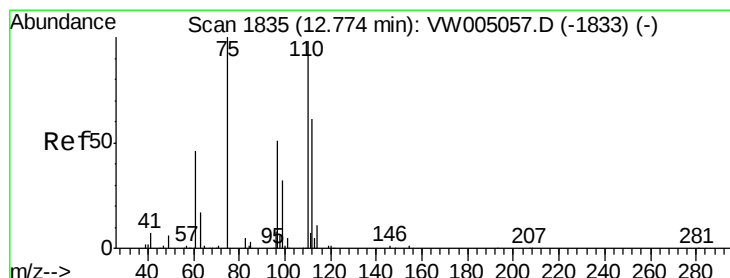
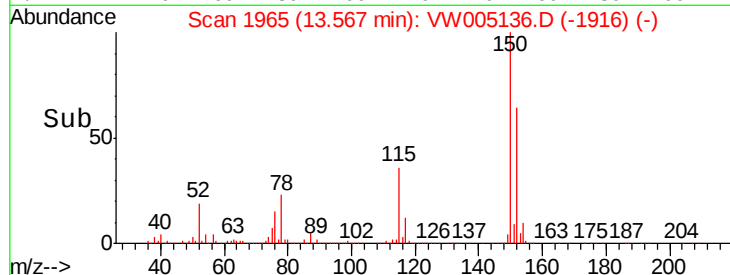
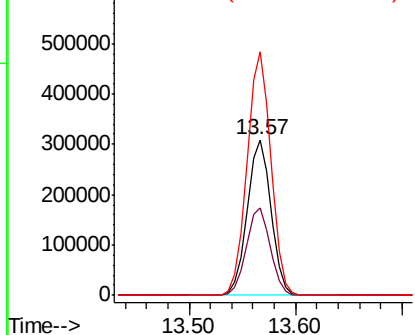
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

Instrument :
MSVOA_W
ClientSampled :
SB-15RE

Tgt Ion:152 Resp: 484181
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 156.9 0.0 351.4



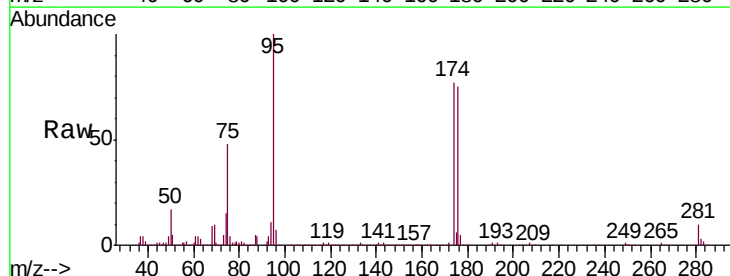
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



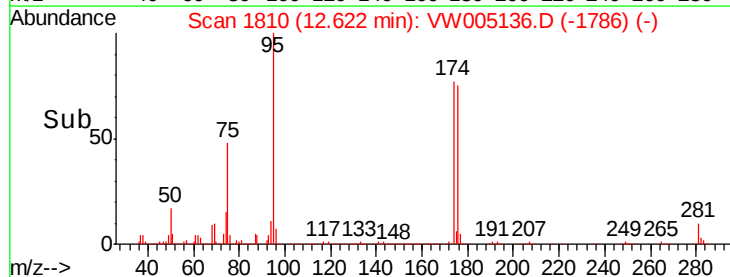
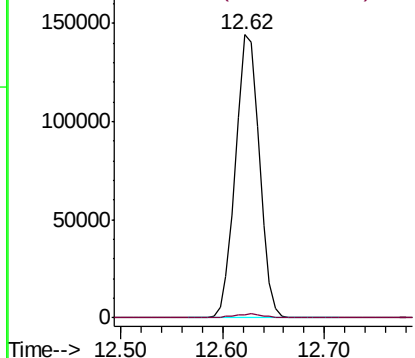
#76

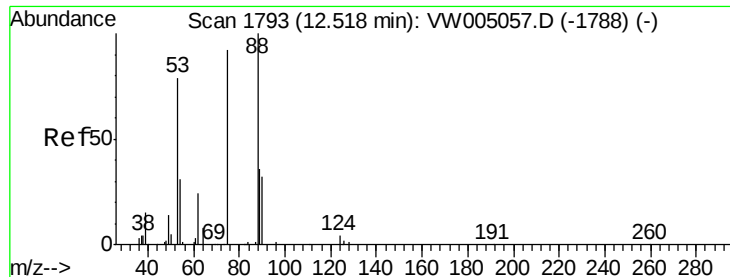
1,2,3-Trichloropropane
Concen: 64.120 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

Tgt Ion: 75 Resp: 233036
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



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

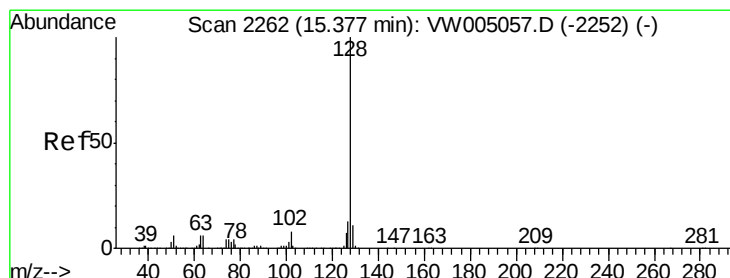
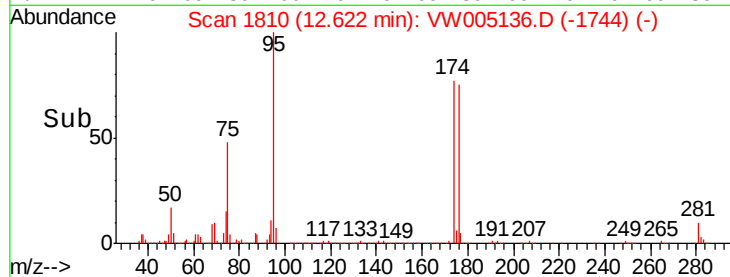
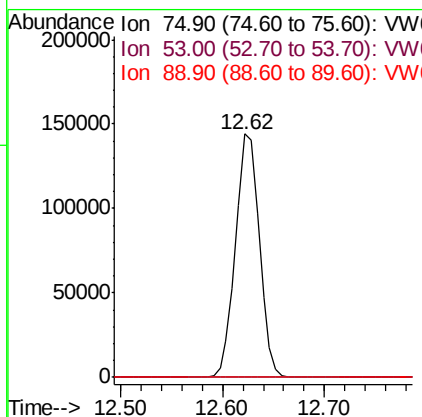
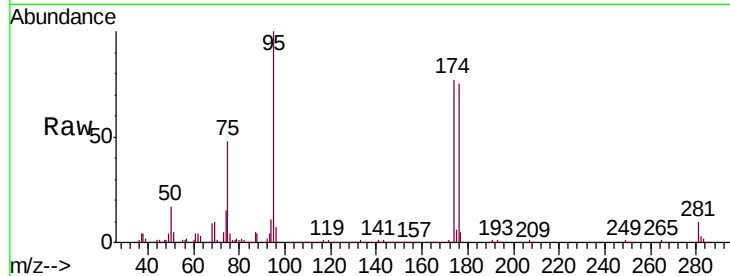




#81
trans-1,4-Dichloro-2-butene
Concen: 154.330 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

Instrument :
MSVOA_W
ClientSampleId :
SB-15RE

Tgt Ion: 75 Resp: 233036
Ion Ratio Lower Upper
75 100
53 0.1 69.8 104.8#
89 0.0 36.0 54.0#



#95
Naphthalene
Concen: 4.389 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005136.D
Acq: 05 Sep 2018 18:19

Tgt Ion: 128 Resp: 7776
Ion Ratio Lower Upper
128 100
127 17.3 10.4 15.6#
129 15.1 8.7 13.1#

