

Data File : VW005152.D
Acq On : 06 Sep 2018 01:08
Operator : SY/AP
Sample : J4733-01
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-LEX-3(0-5)

Quant Time: Sep 06 01:26:10 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	514737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	830640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	809175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	409741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	275741	64.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.24%	
35) Dibromofluoromethane	7.89	113	247301	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.33	98	979922	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	12.62	95	371874	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

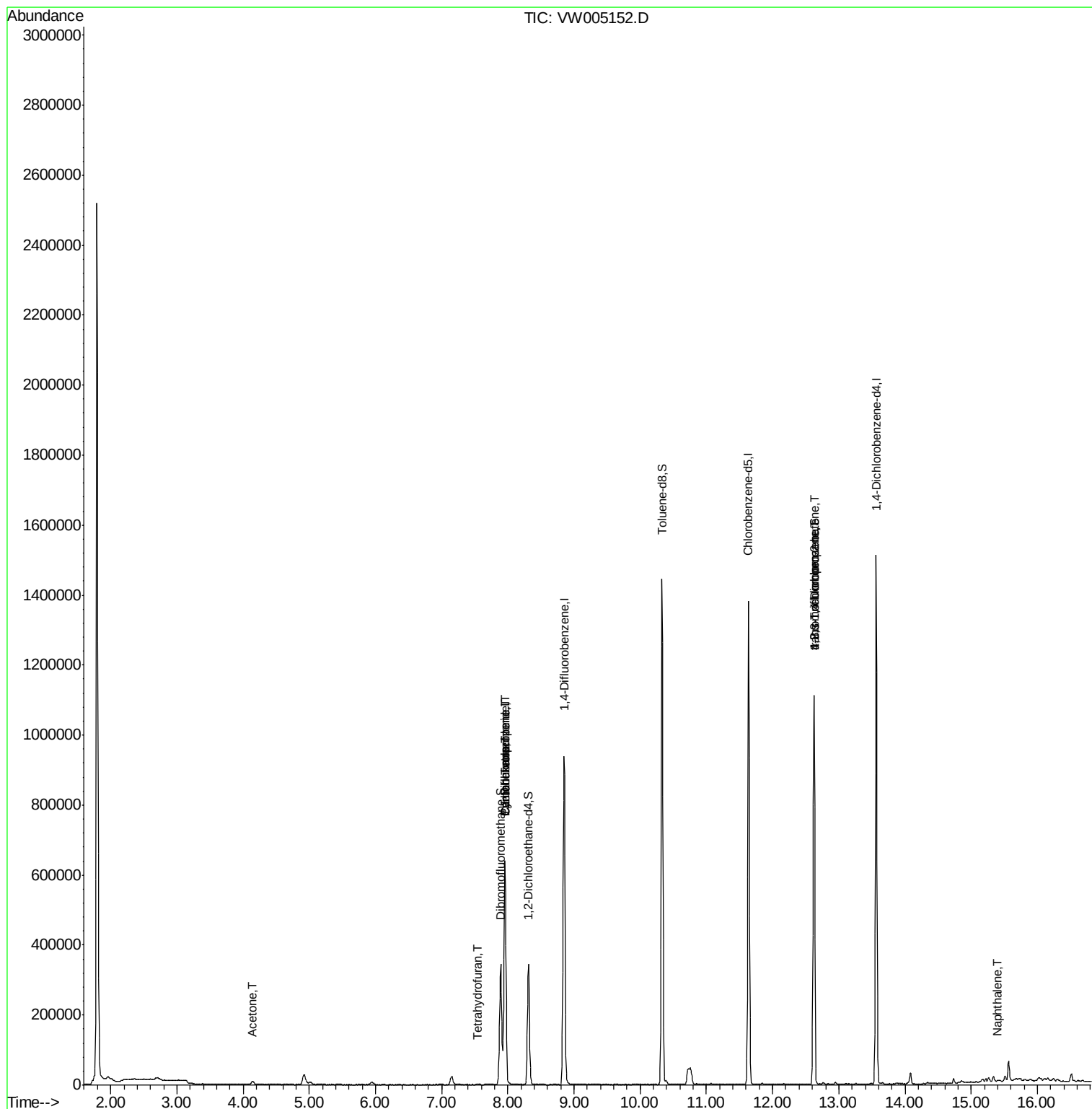
						Qvalue
5) Bromomethane	2.78	94	1007	Below Cal	#	27
11) Tert butyl alcohol	5.20	59	478	Below Cal	#	72
16) Acetone	4.15	43	15710	18.359	ug/l	89
29) Tetrahydrofuran	7.55	42	1179	1.555	ug/l #	81
31) Cyclohexane	7.96	56	9453	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	36138	4.568	ug/l #	46
38) Carbon Tetrachloride	7.96	117	47155	6.269	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	173790	56.506	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	173790	136.003	ug/l #	15
95) Naphthalene	15.38	128	1272	4.059	ug/l #	77

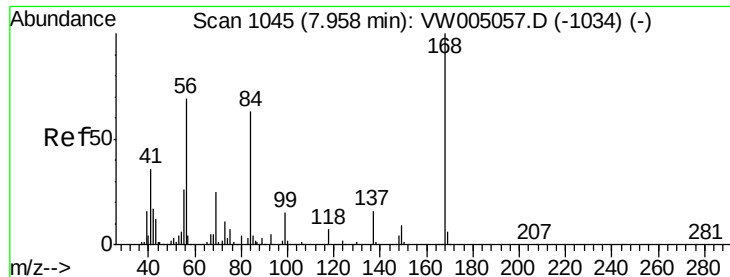
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005152.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

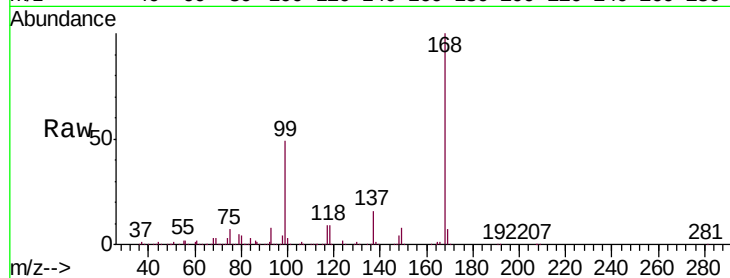
TP-LEX-3(0-5)

Tgt Ion:168 Resp: 514737

Ion Ratio Lower Upper

168 100

99 49.0 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

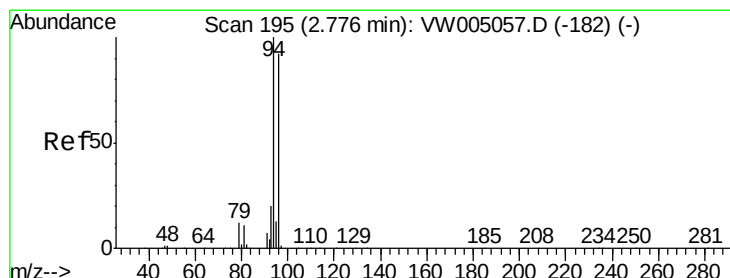
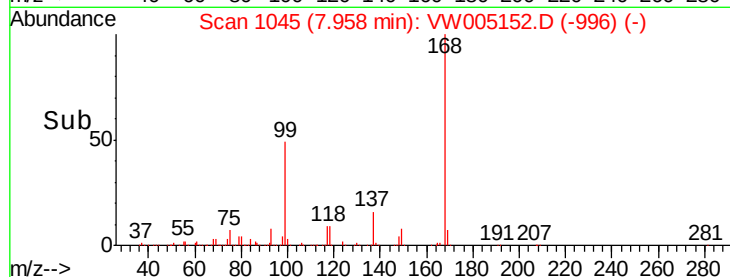
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005152.D

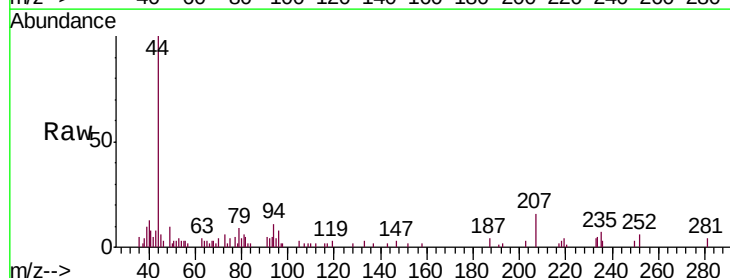
Acq: 06 Sep 2018 01:08

Tgt Ion: 94 Resp: 1007

Ion Ratio Lower Upper

94 100

96 21.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

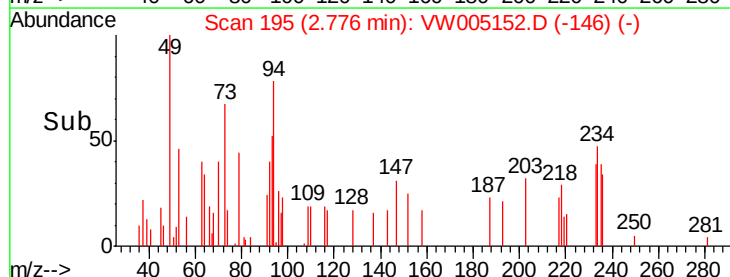
300

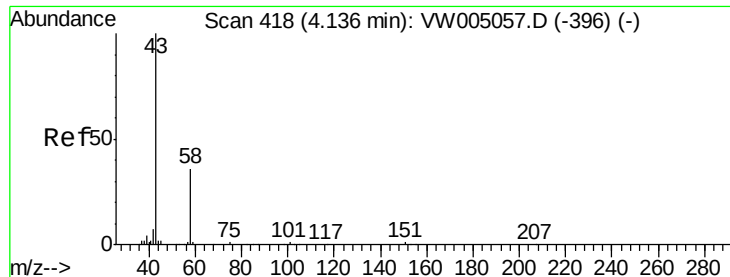
200

100

0

Time-->





#16

Acetone

Concen: 18.359 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

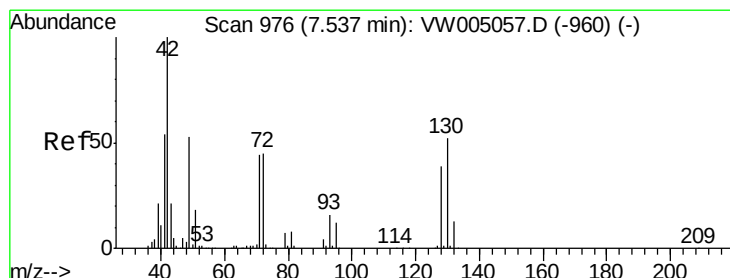
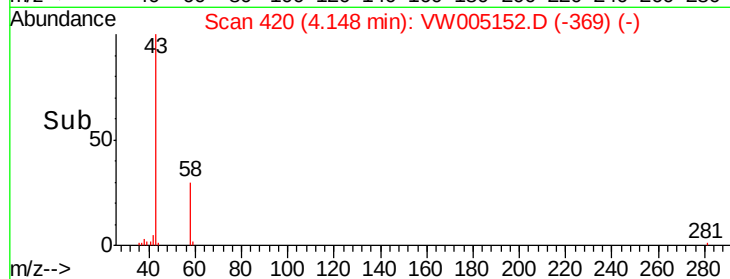
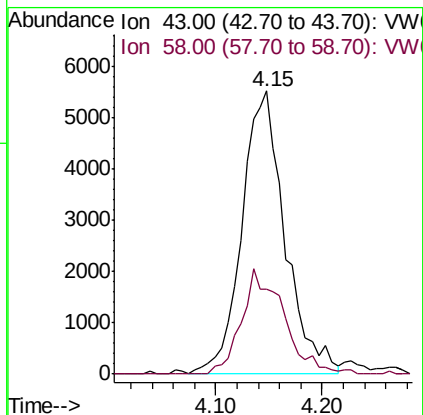
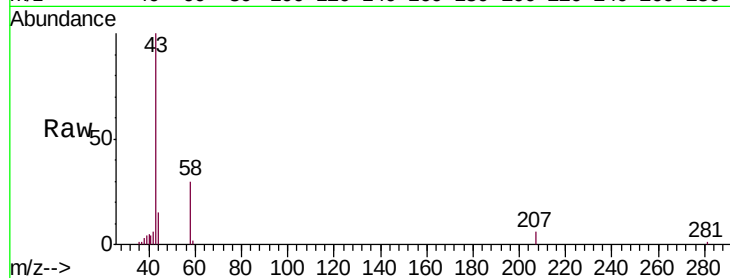
TP-LEX-3(0-5)

Tgt Ion: 43 Resp: 15710

Ion Ratio Lower Upper

43 100

58 29.9 29.0 43.6



#29

Tetrahydrofuran

Concen: 1.555 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

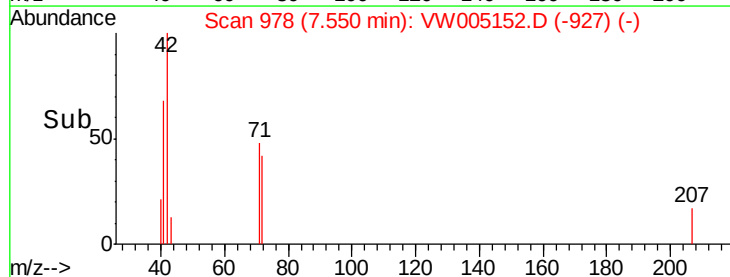
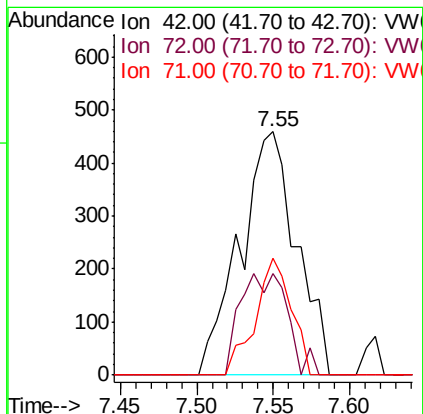
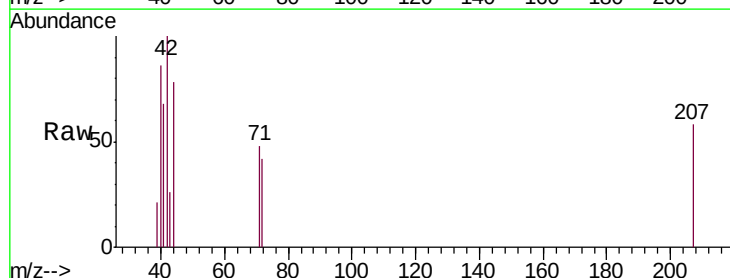
Tgt Ion: 42 Resp: 1179

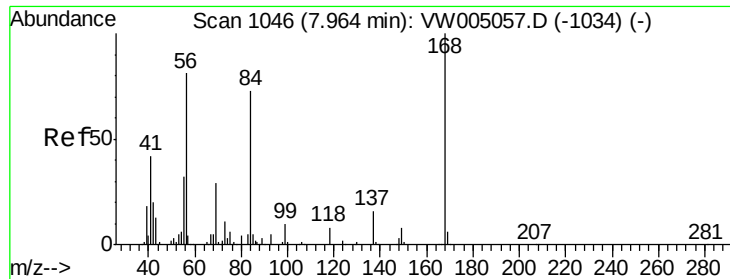
Ion Ratio Lower Upper

42 100

72 35.0 37.0 55.4#

71 30.5 35.0 52.6#

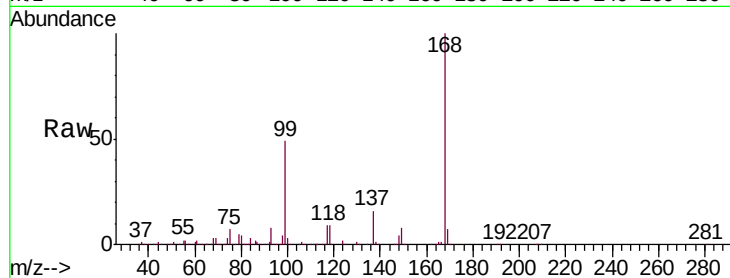




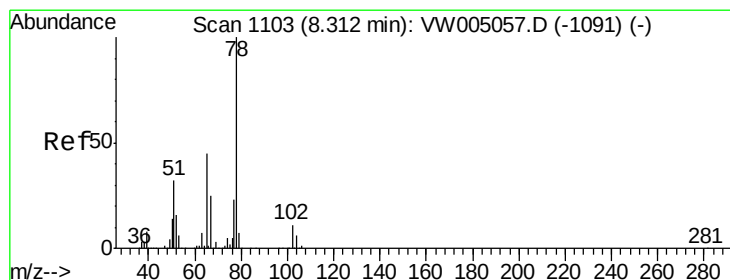
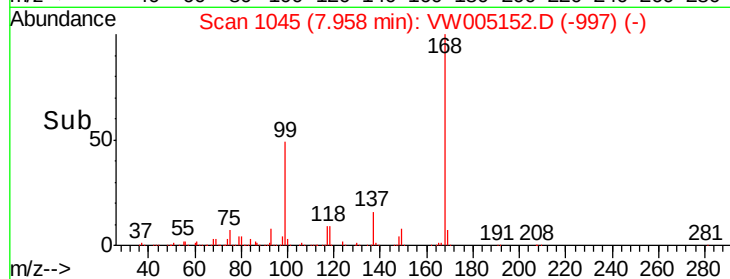
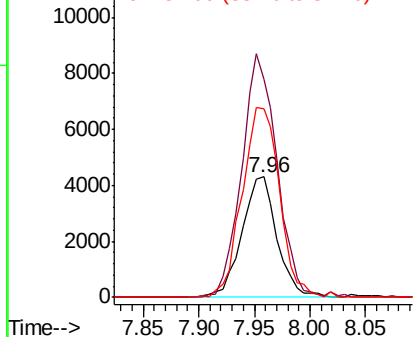
#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005152.D
Acq: 06 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
TP-LEX-3(0-5)

Tgt Ion: 56 Resp: 9453
Ion Ratio Lower Upper
56 100
69 181.1 28.2 42.2#
84 156.9 71.8 107.8#

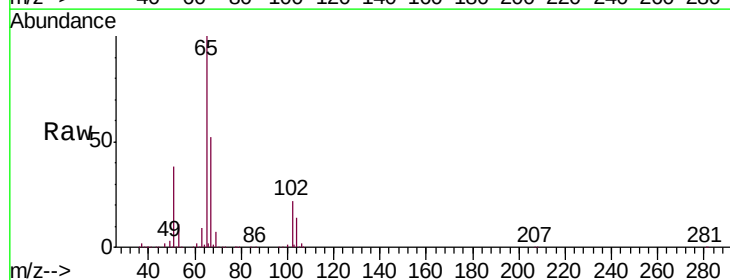


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

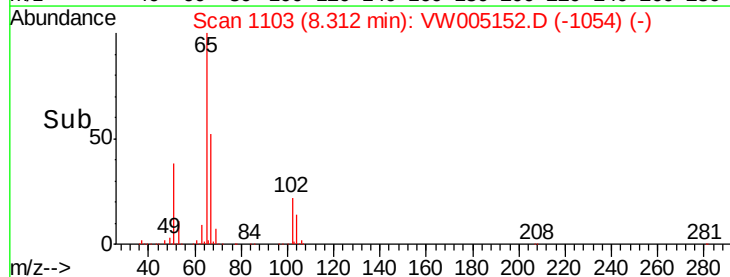
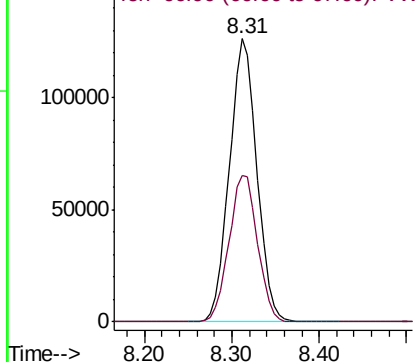


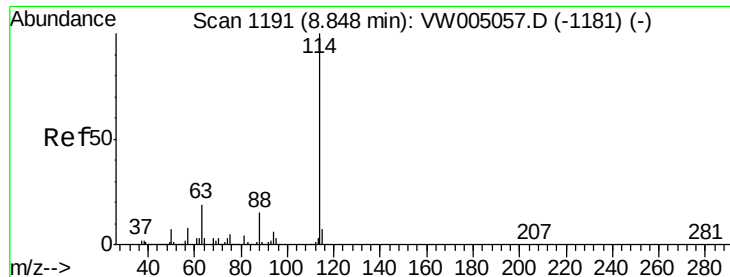
#33
1,2-Dichloroethane-d4
Concen: 64.623 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005152.D
Acq: 06 Sep 2018 01:08

Tgt Ion: 65 Resp: 275741
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

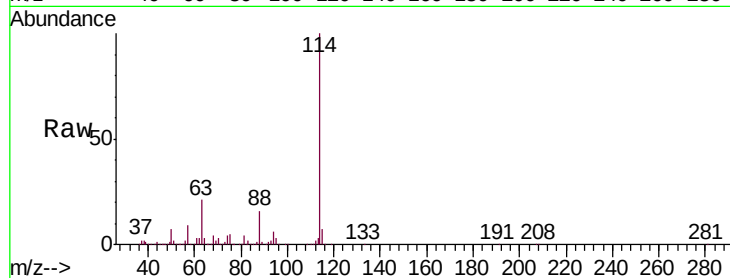




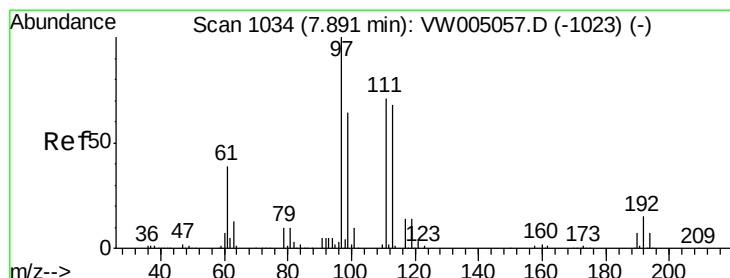
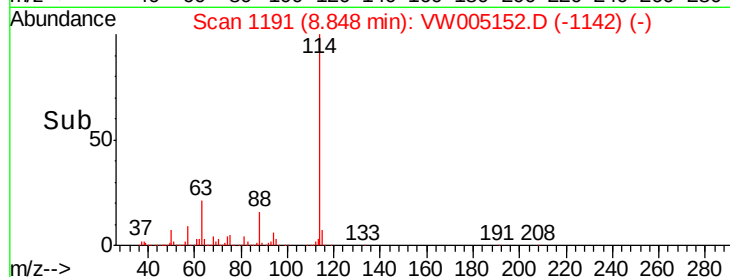
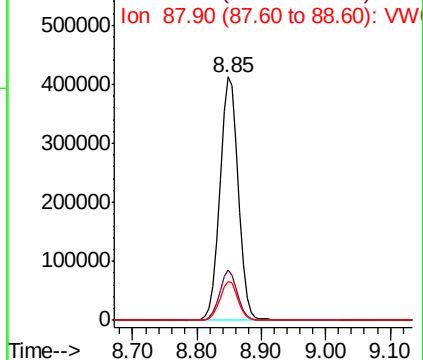
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005152.D
 Acq: 06 Sep 2018 01:08

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-LEX-3(0-5)

Tgt Ion:114 Resp: 830640
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 16.1 0.0 30.2

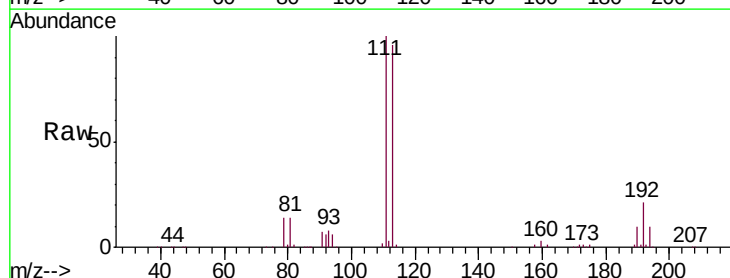


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

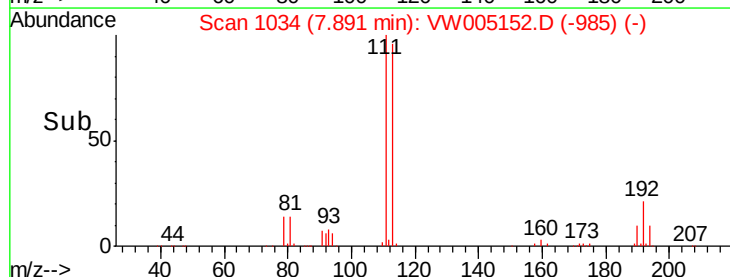
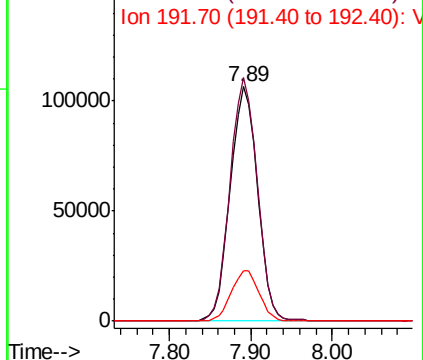


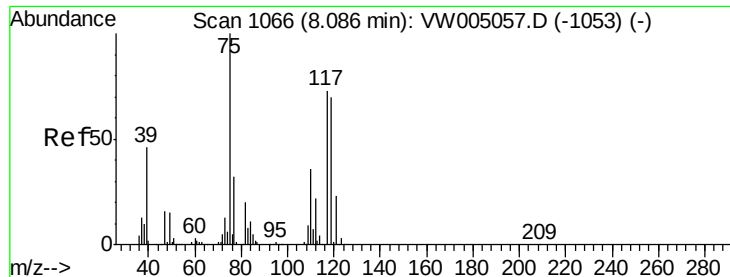
#35
 Dibromofluoromethane
 Concen: 51.520 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005152.D
 Acq: 06 Sep 2018 01:08

Tgt Ion:113 Resp: 247301
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 21.8 18.1 27.1



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: 4.568 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)

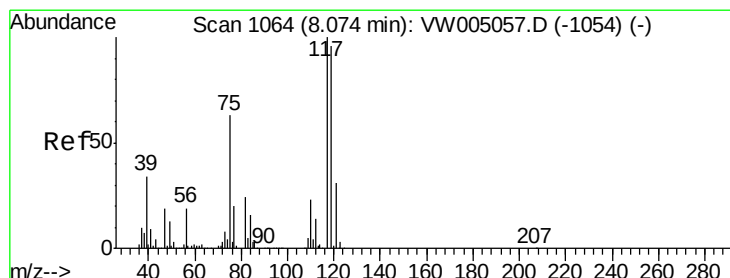
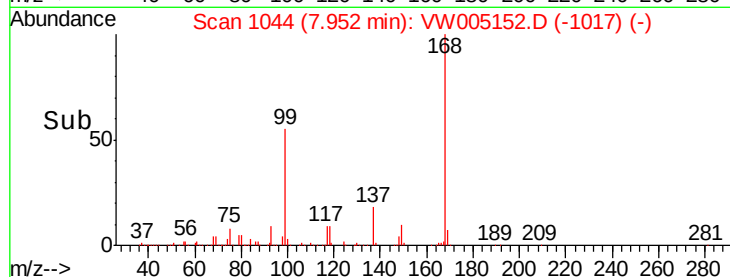
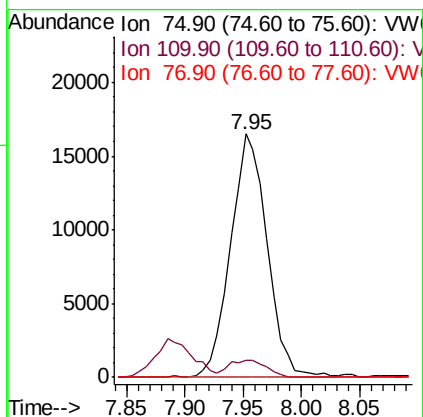
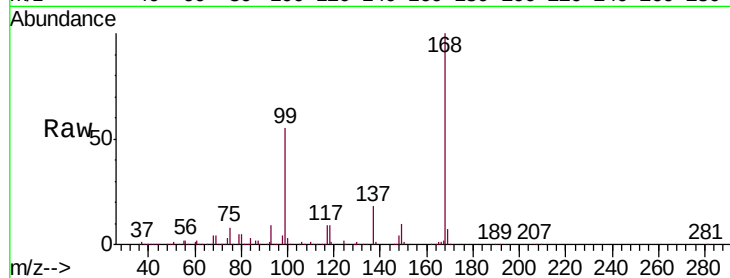
Tgt Ion: 75 Resp: 36138

Ion Ratio Lower Upper

75 100

110 7.3 18.9 56.7#

77 0.1 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.269 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

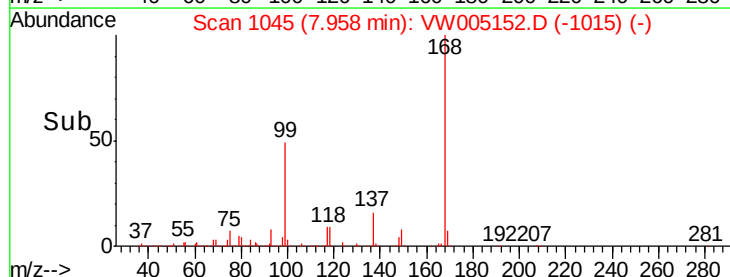
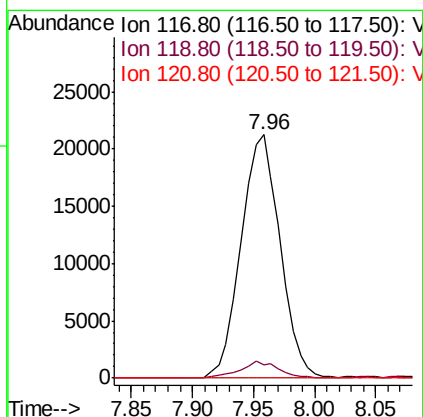
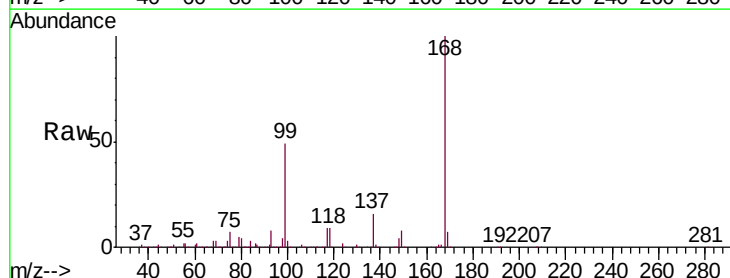
Tgt Ion: 117 Resp: 47155

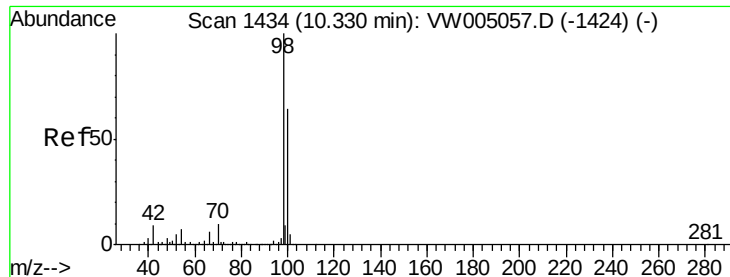
Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 44.304 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

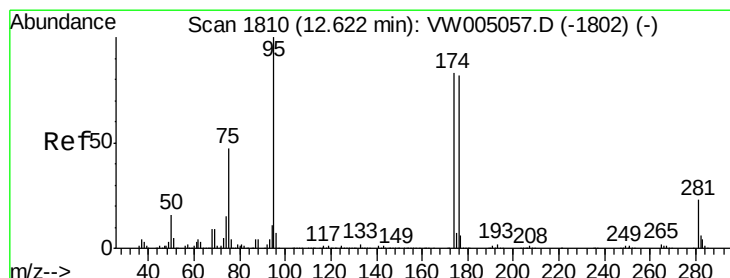
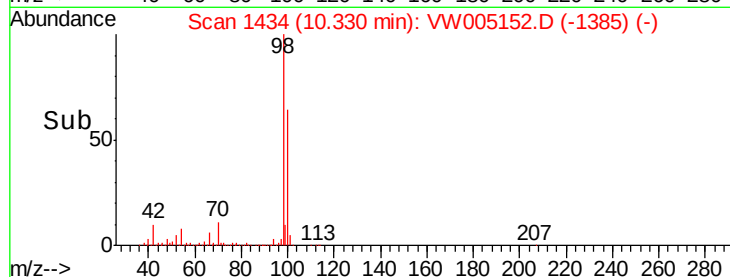
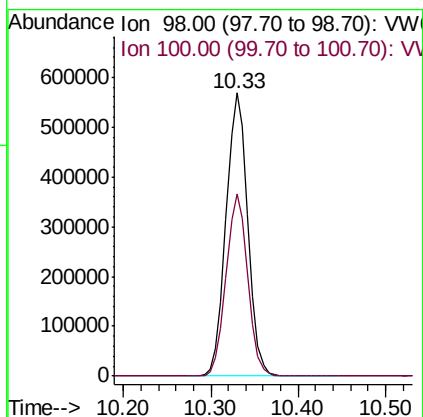
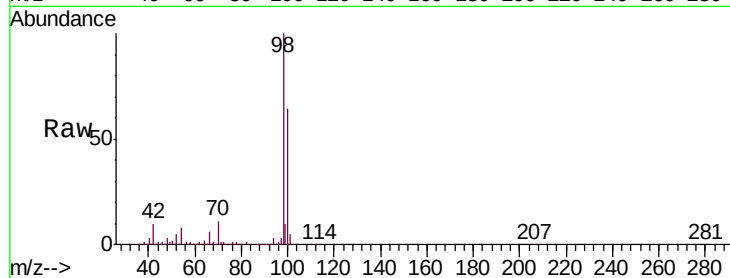
TP-LEX-3(0-5)

Tgt Ion: 98 Resp: 979922

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.682 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

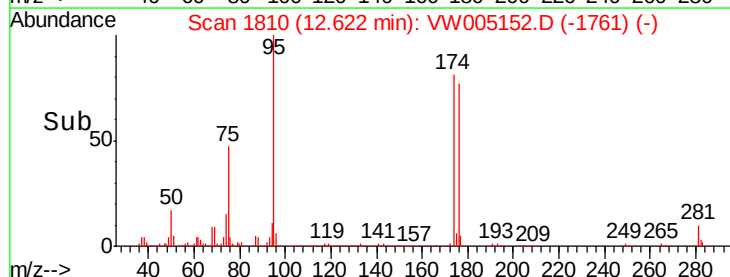
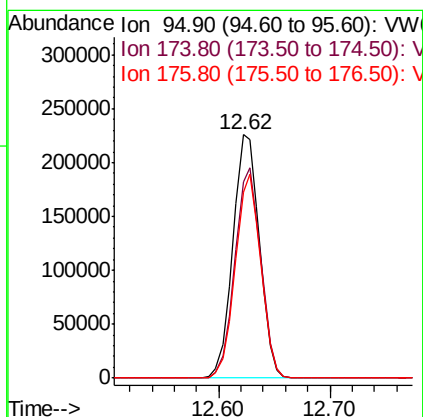
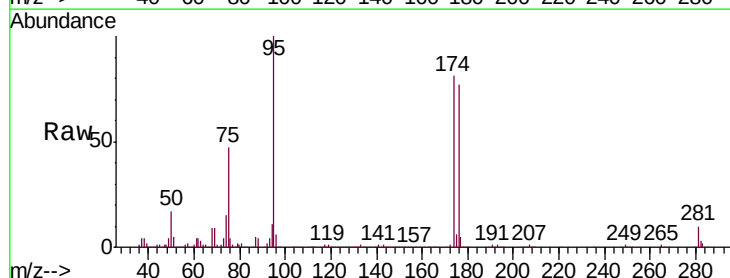
Tgt Ion: 95 Resp: 371874

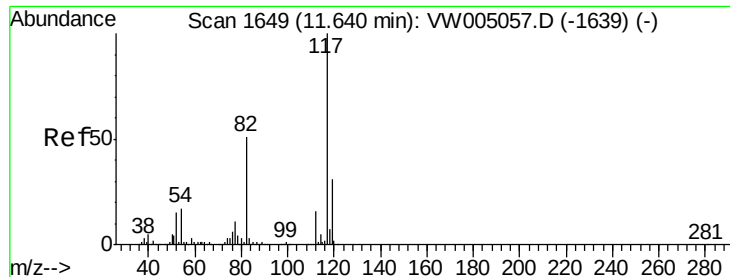
Ion Ratio Lower Upper

95 100

174 84.4 0.0 173.4

176 80.6 0.0 167.4

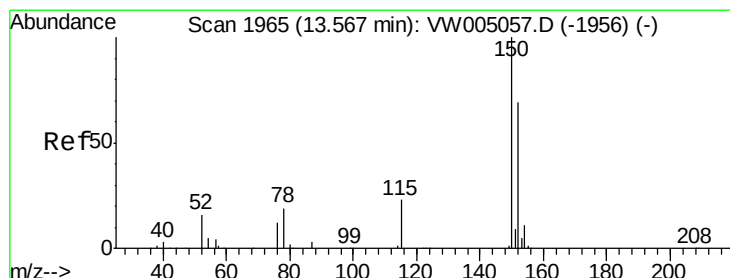
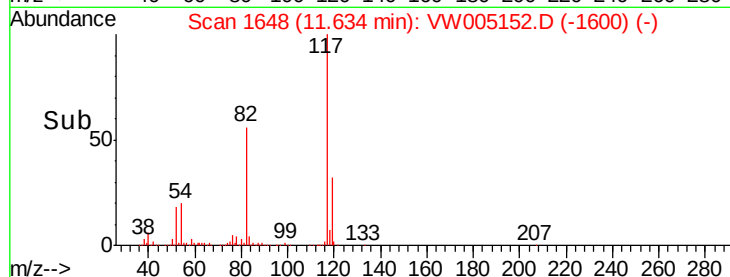
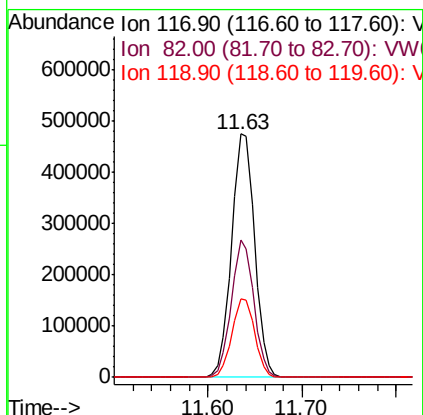
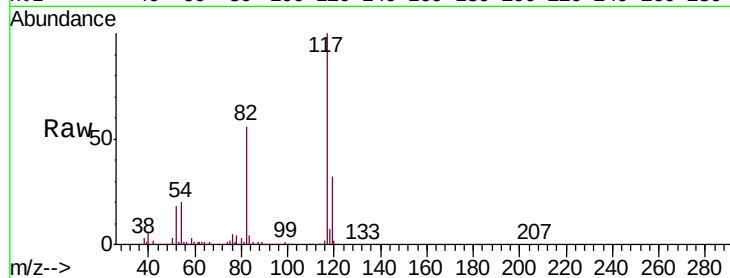




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005152.D
Acq: 06 Sep 2018 01:08

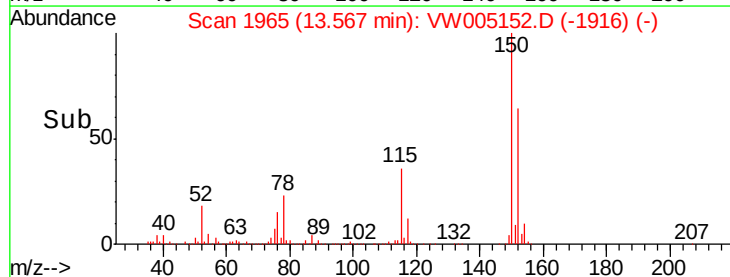
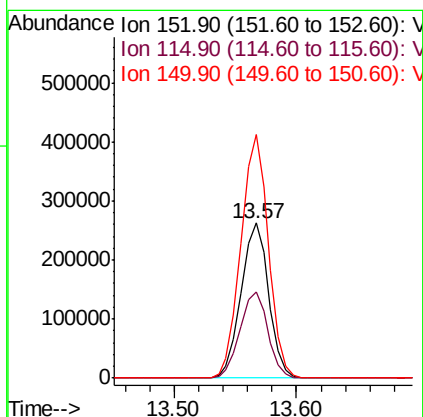
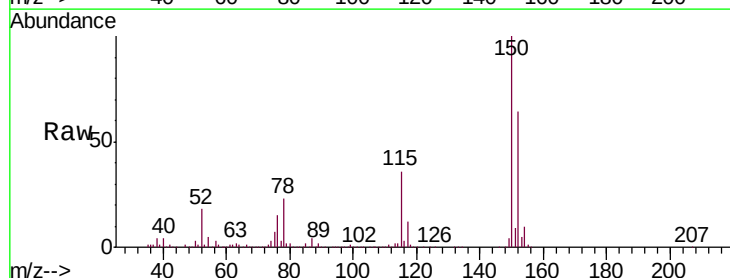
Instrument :
MSVOA_W
ClientSampleId :
TP-LEX-3(0-5)

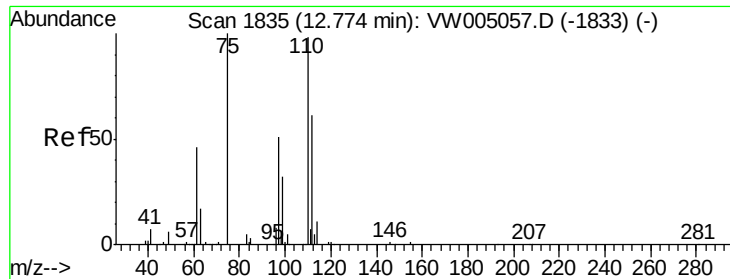
Tgt Ion:117 Resp: 809175
Ion Ratio Lower Upper
117 100
82 56.3 40.9 61.3
119 32.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005152.D
Acq: 06 Sep 2018 01:08

Tgt Ion:152 Resp: 409741
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 156.3 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 56.506 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

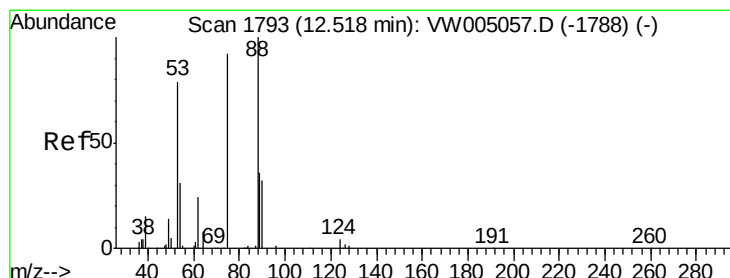
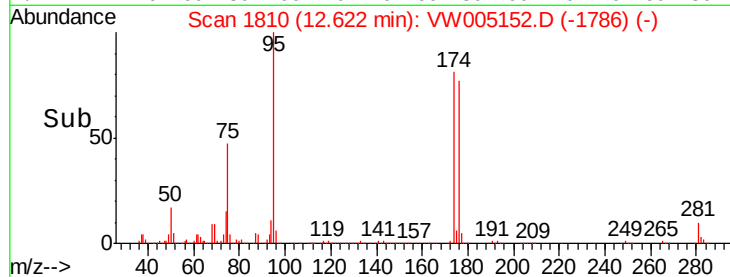
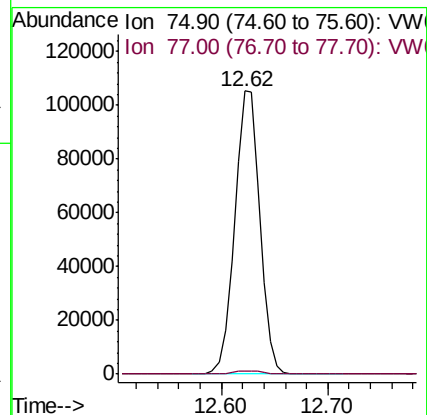
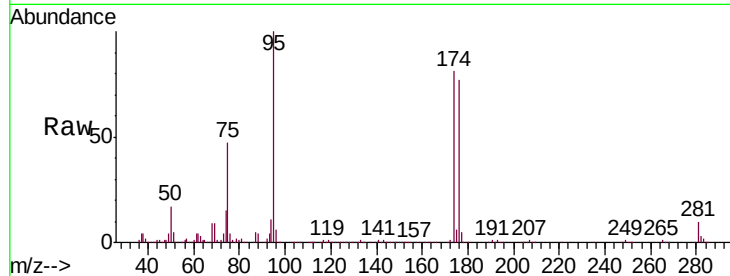
TP-LEX-3(0-5)

Tgt Ion: 75 Resp: 173790

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.003 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005152.D

Acq: 06 Sep 2018 01:08

Tgt Ion: 75 Resp: 173790

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.2 36.0 54.0#

