

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005167.D
 Acq On : 06 Sep 2018 16:42
 Operator : SY/AP
 Sample : J4733-01RE
 Misc : 4.27G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 06 18:23:36 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	477977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	748910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	749491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	383798	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	247291	62.41	ug/l	0.00
Spiked Amount			Recovery	=	124.82%	
35) Dibromofluoromethane	7.89	113	227281	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.33	98	976172	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.63	95	350686	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

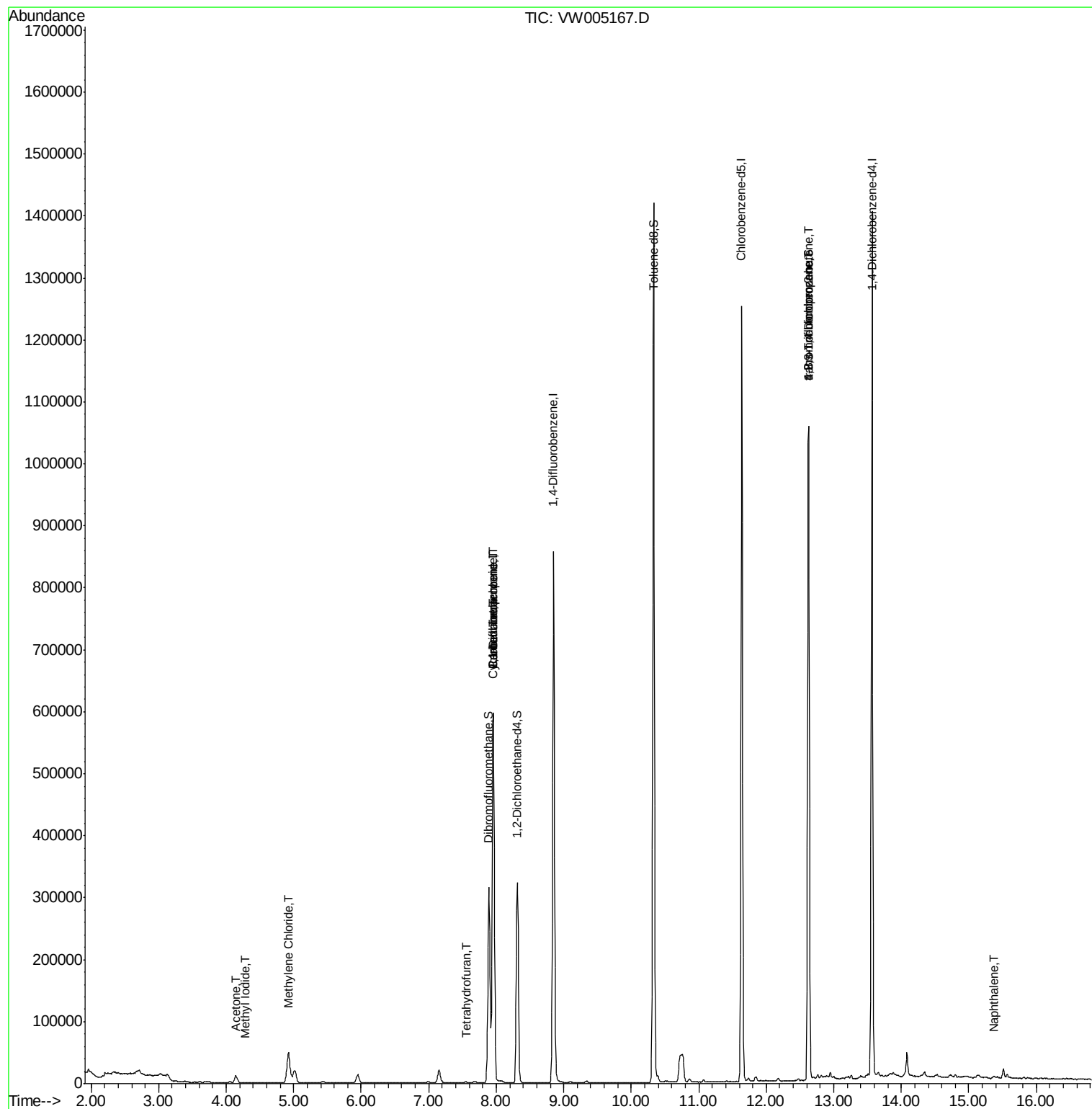
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	403	Below Cal		86
10) Methyl Iodide	4.28	142	41	3.825 ug/l #		44
11) Tert butyl alcohol	5.20	59	307	Below Cal #		72
16) Acetone	4.14	43	19560	24.616 ug/l		95
20) Methylene Chloride	4.92	84	39587	3.776 ug/l		98
29) Tetrahydrofuran	7.56	42	1291	1.833 ug/l #		60
31) Cyclohexane	7.95	56	9083	1.167 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	33410	4.684 ug/l #		48
38) Carbon Tetrachloride	7.95	117	43587	6.427 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	165319	57.385 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	165319	138.119 ug/l #		15
95) Naphthalene	15.37	128	2264	4.130 ug/l #		85

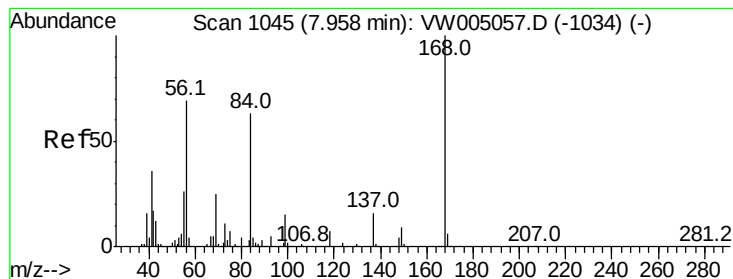
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005167.D
Acq On : 06 Sep 2018 16:42
Operator : SY/AP
Sample : J4733-01RE
Misc : 4.27G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 06 18:23:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

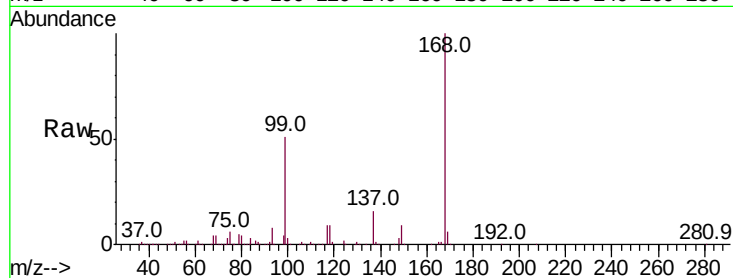
TP-LEX-3(0-5)RE

Tot Ion:168 Resp: 477977

Ion Ratio Lower Upper

168 100

99 50.9 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

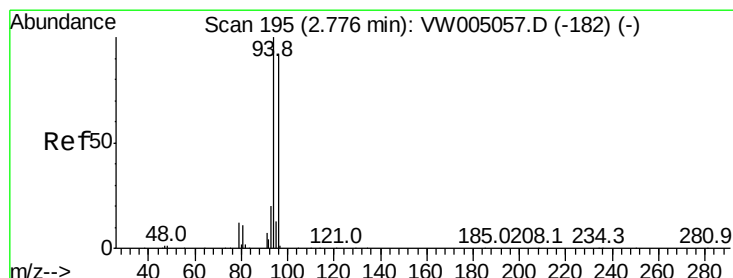
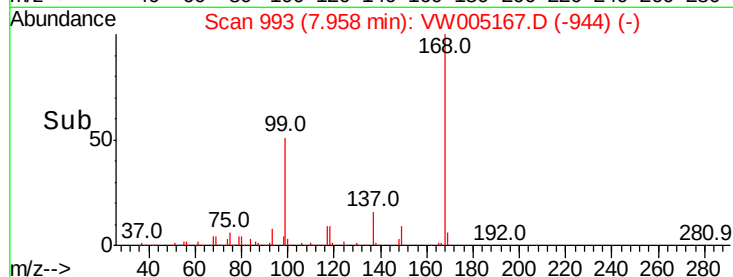
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005167.D

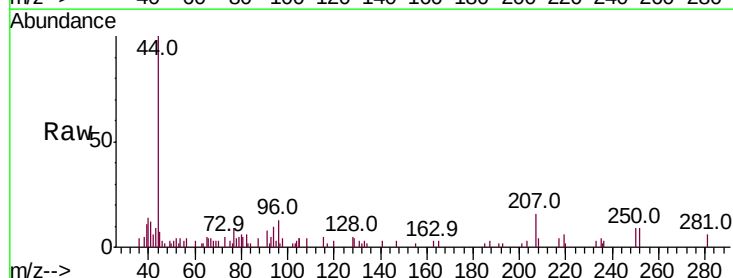
Acq: 06 Sep 2018 16:42

Tgt Ion: 94 Resp: 403

Ion Ratio Lower Upper

94 100

96 104.7 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

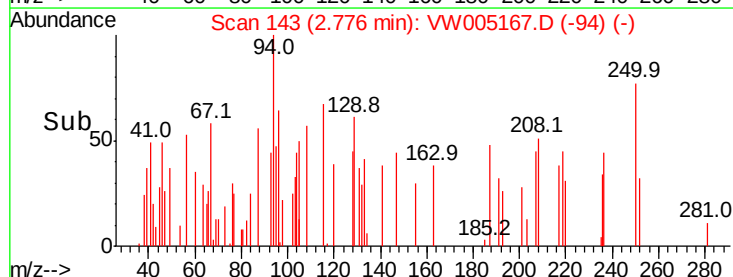
300

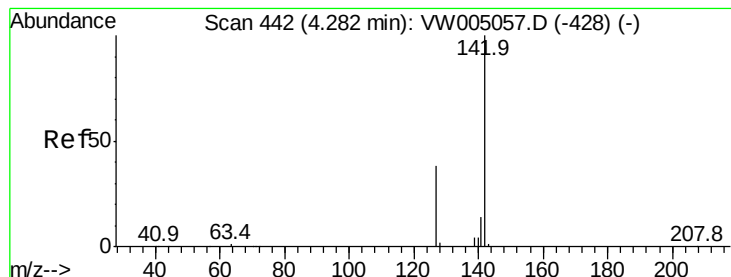
200

100

0

Time-->





#10

Methvl Iodide

Concen: 3.825 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

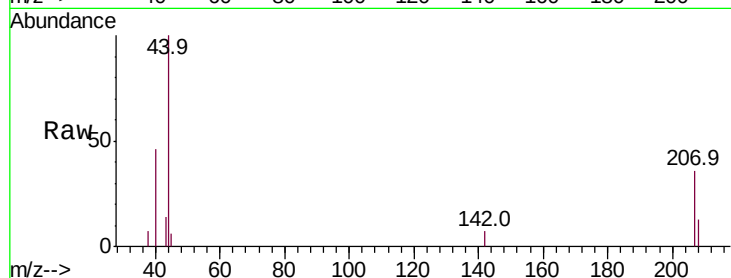
Tot Ion:142 Resp: 41

Ion Ratio Lower Upper

142 100

127 0.0 30.8 46.2#

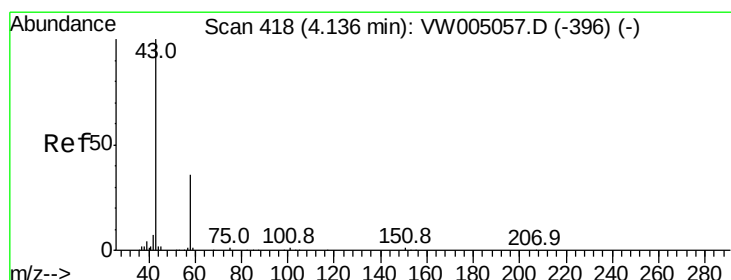
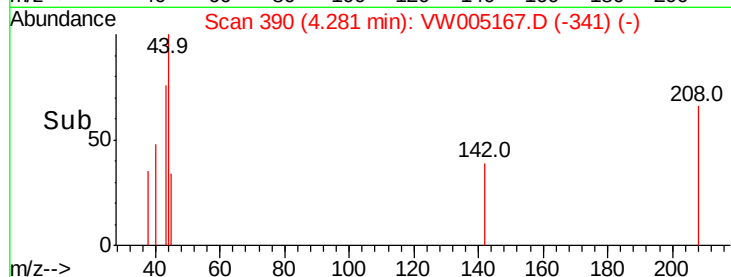
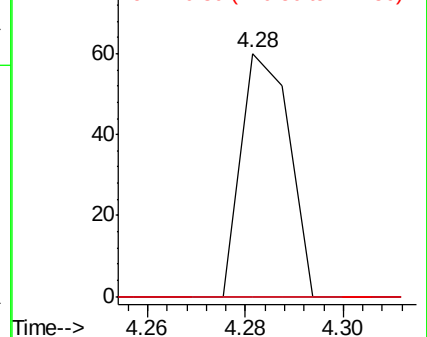
141 0.0 11.6 17.4#



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: 24.616 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005167.D

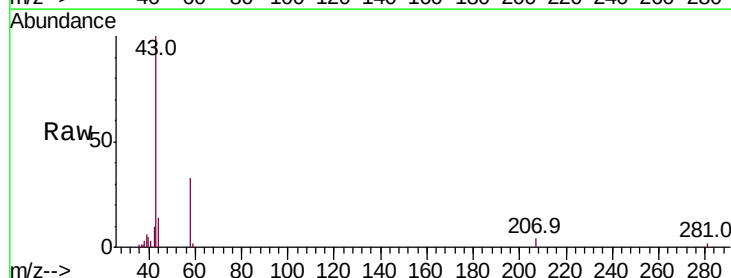
Acq: 06 Sep 2018 16:42

Tgt Ion: 43 Resp: 19560

Ion Ratio Lower Upper

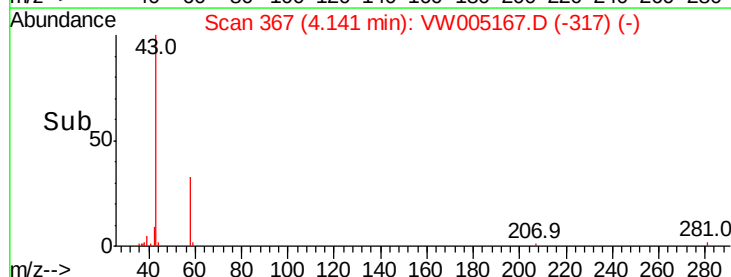
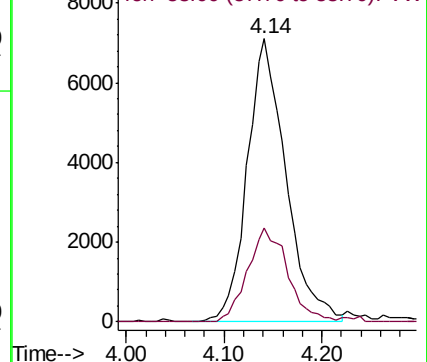
43 100

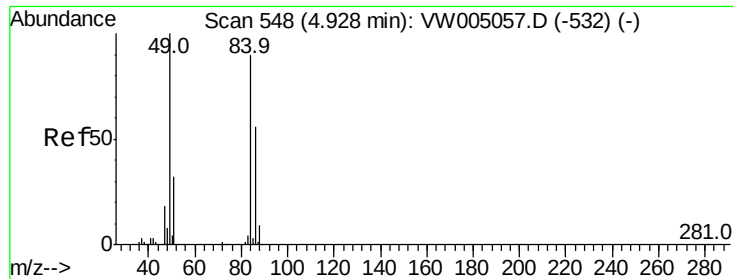
58 33.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 3.776 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

Tot Ion: 84 Resp: 39587

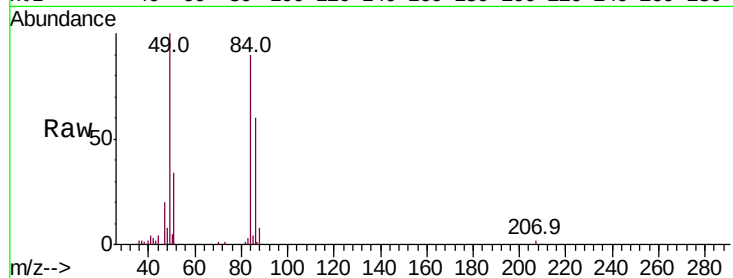
Ion Ratio Lower Upper

84 100

49 110.8 88.7 133.1

51 37.3 28.6 42.8

86 66.0 49.4 74.2

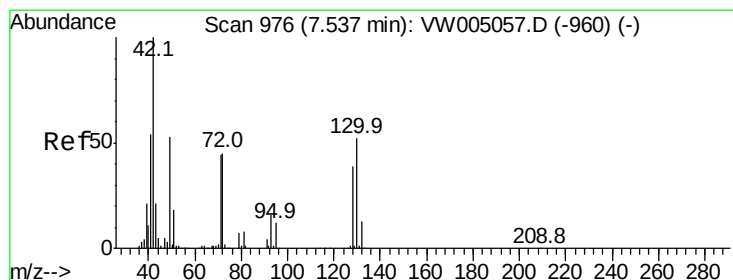
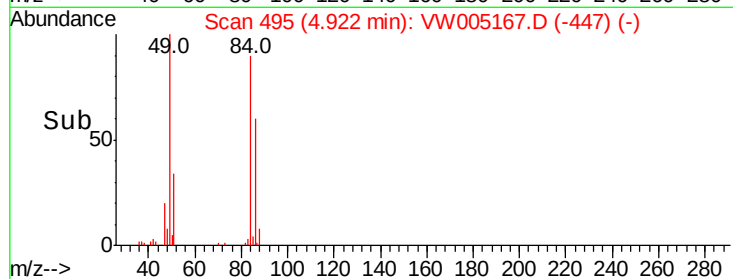
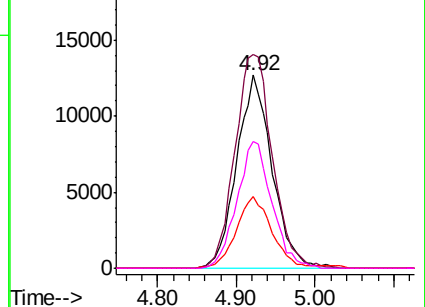


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.833 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.02 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

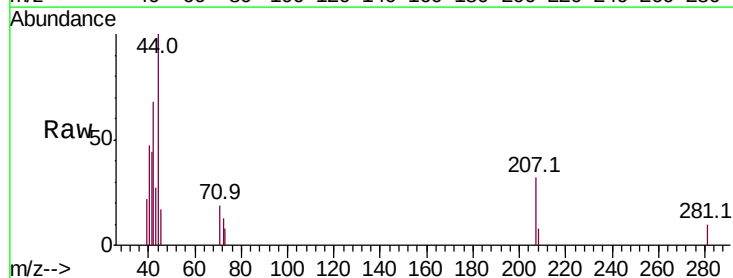
Tgt Ion: 42 Resp: 1291

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.4#

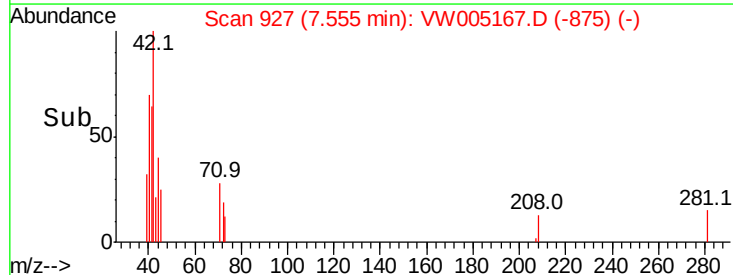
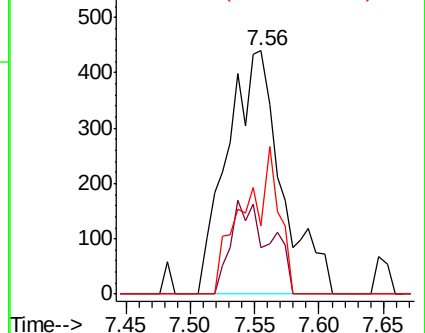
71 38.8 35.0 52.6

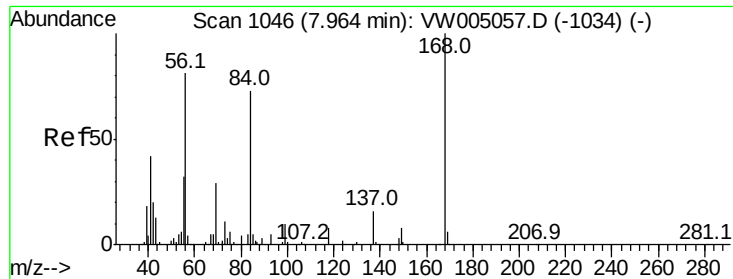


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.167 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.02 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

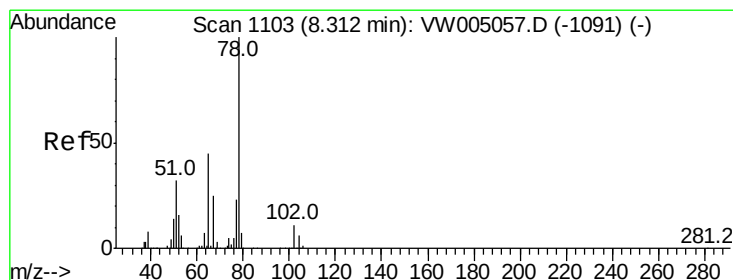
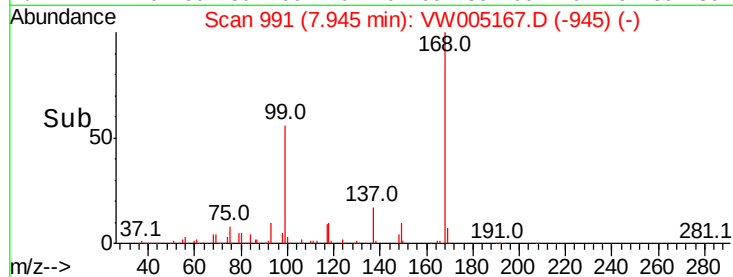
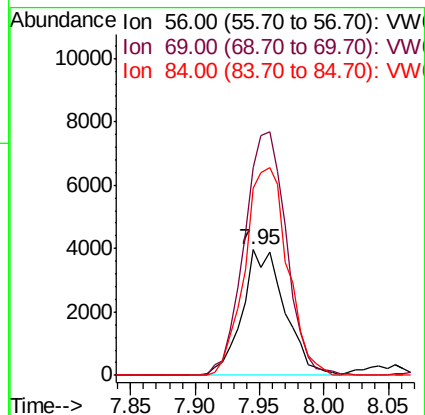
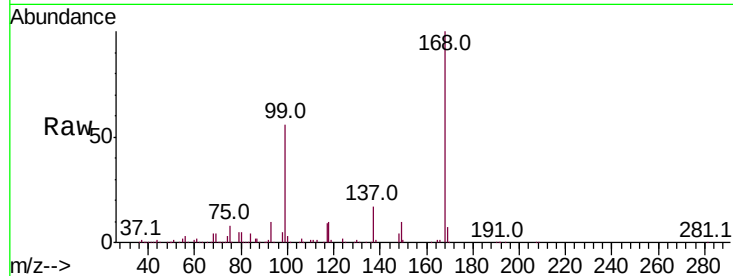
Tot Ion: 56 Resp: 9083

Ion Ratio Lower Upper

56 100

69 165.4 28.2 42.2#

84 148.8 71.8 107.8#



#33

1,2-Dichloroethane-d4

Concen: 62.412 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005167.D

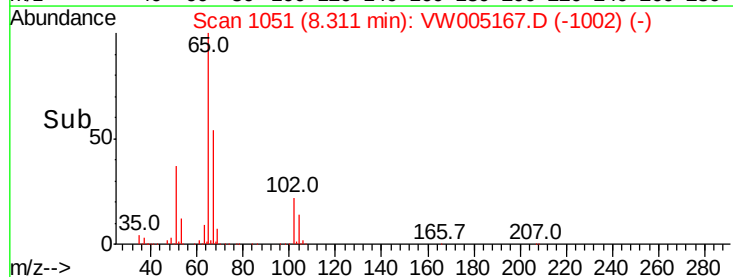
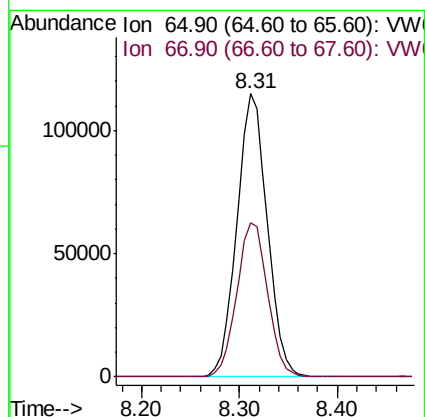
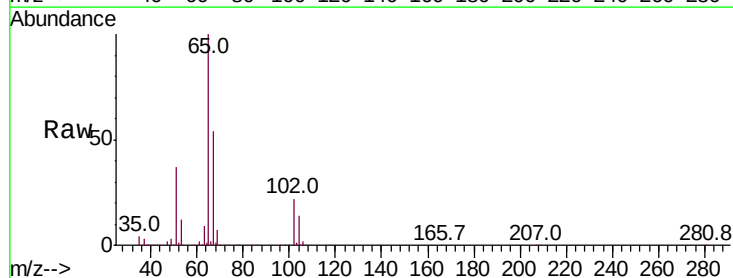
Acq: 06 Sep 2018 16:42

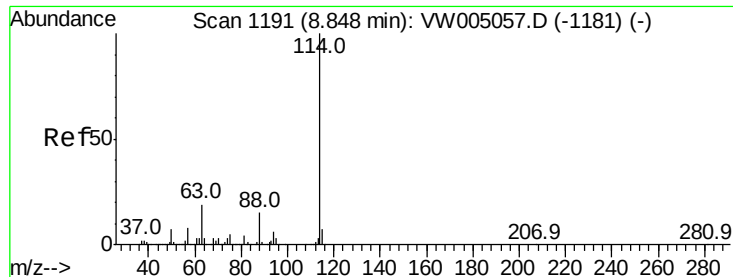
Tgt Ion: 65 Resp: 247291

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.4

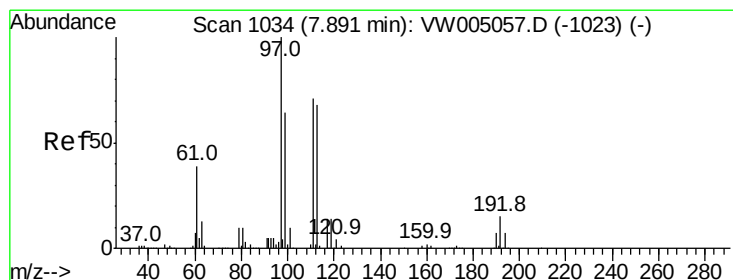
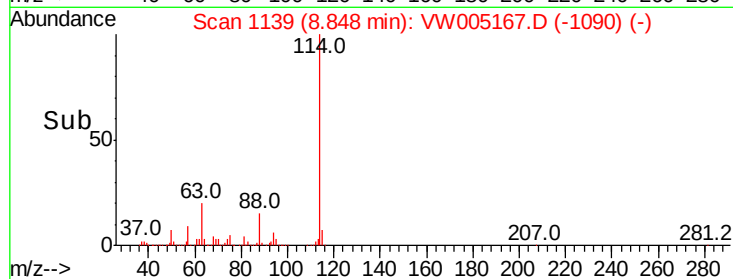
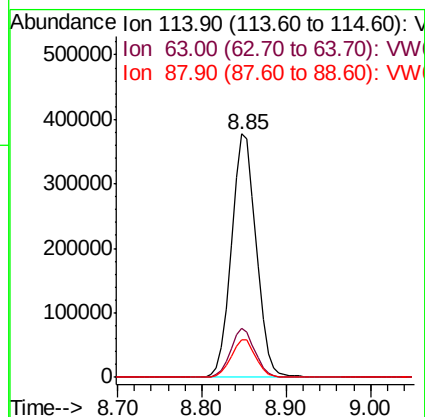
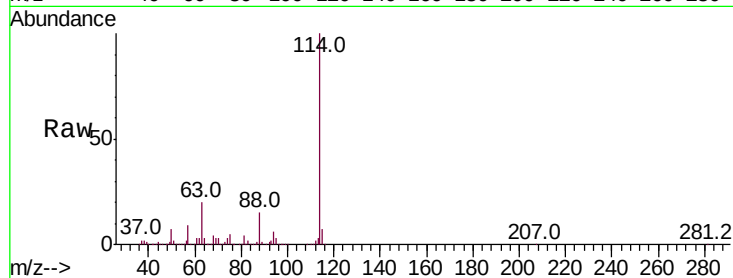




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005167.D
 Acq: 06 Sep 2018 16:42

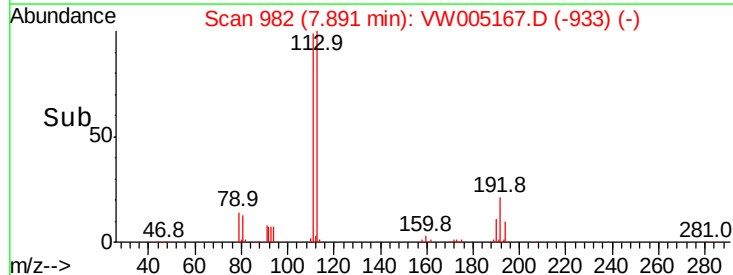
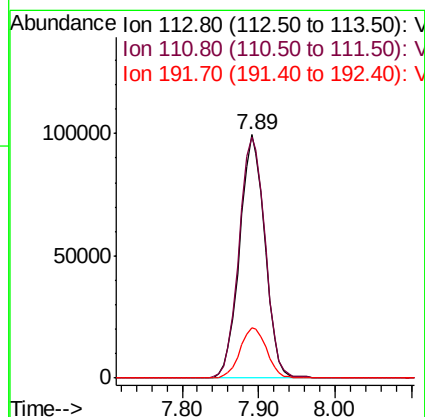
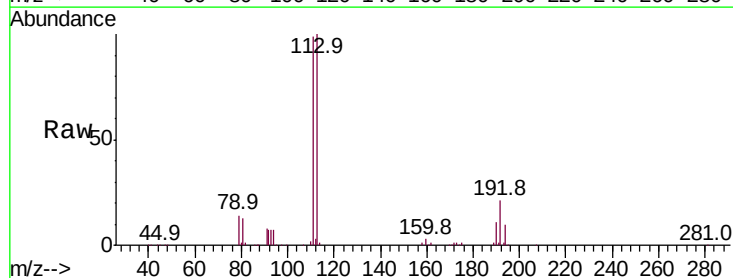
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-LEX-3(0-5)RE

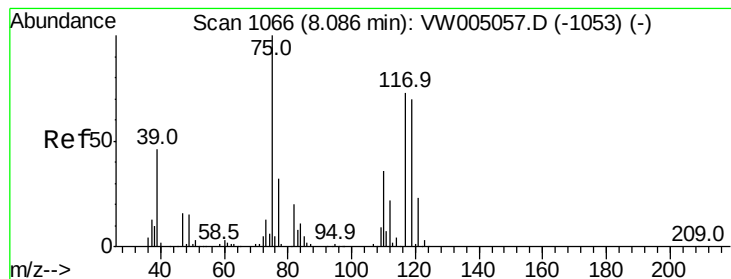
Tot Ion:	114	Resp:	748910
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.0
88	15.4	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 52.516 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005167.D
 Acq: 06 Sep 2018 16:42

Tgt Ion:	113	Resp:	227281
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	21.8	18.1	27.1





#36

1,1-Dichloropropene

Concen: 4.684 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

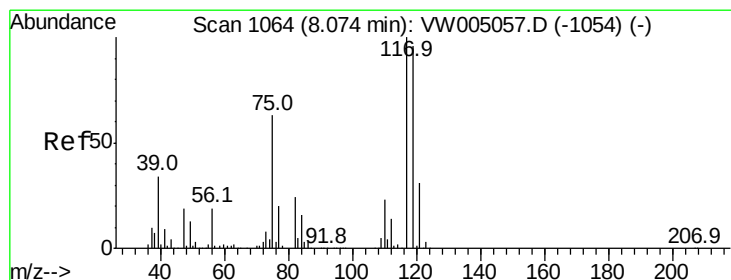
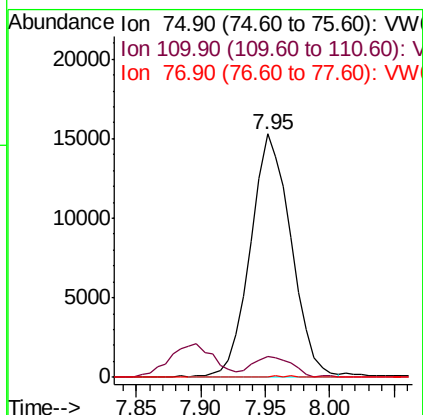
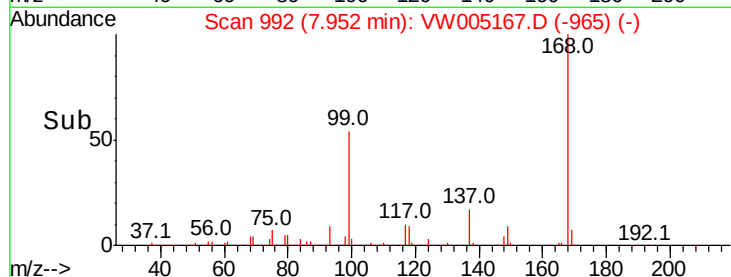
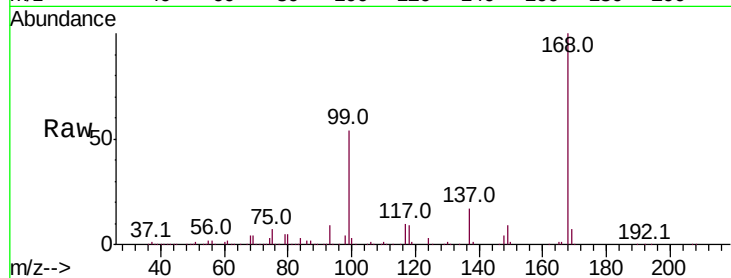
Tot Ion: 75 Resp: 33410

Ion Ratio Lower Upper

75 100

110 8.5 18.9 56.7#

77 0.2 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.427 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

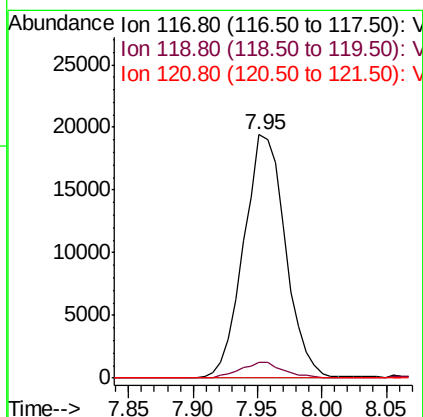
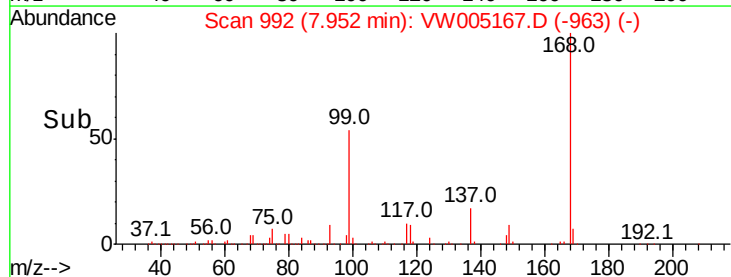
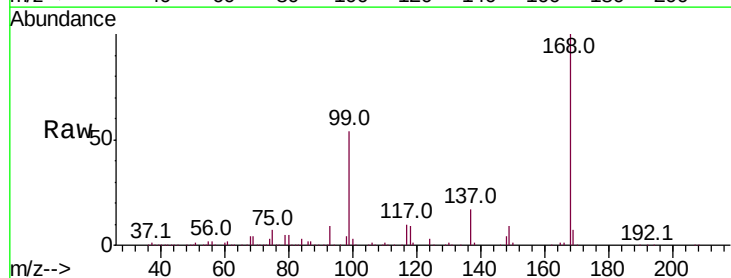
Tgt Ion: 117 Resp: 43587

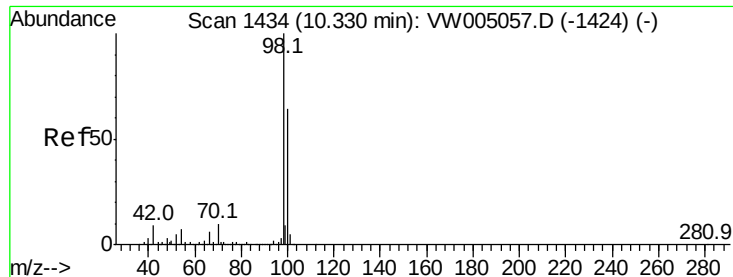
Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

121 0.0 24.8 37.2#

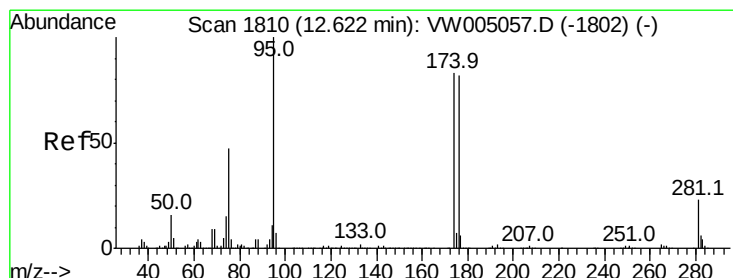
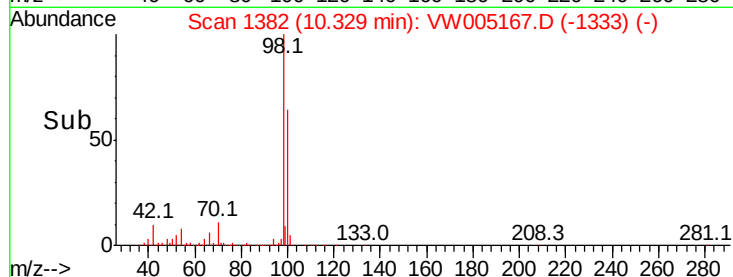
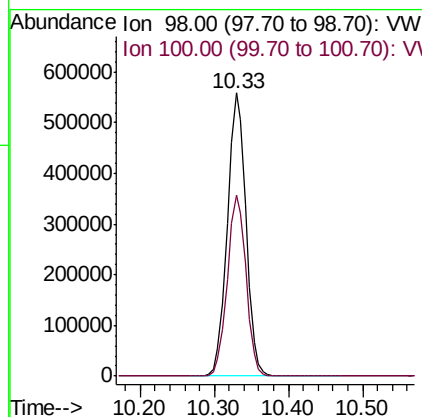
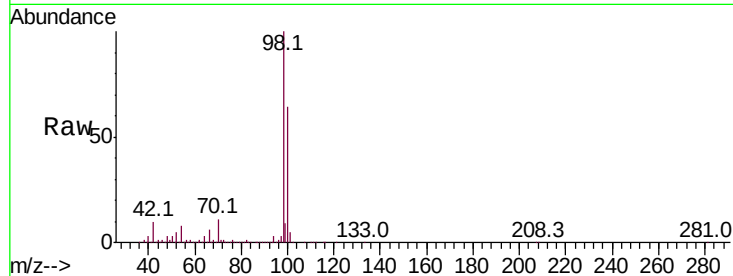




#50
Toluene-d8
Concen: 48.951 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005167.D
Acq: 06 Sep 2018 16:42

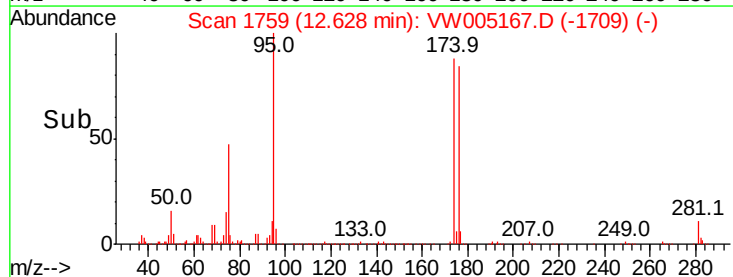
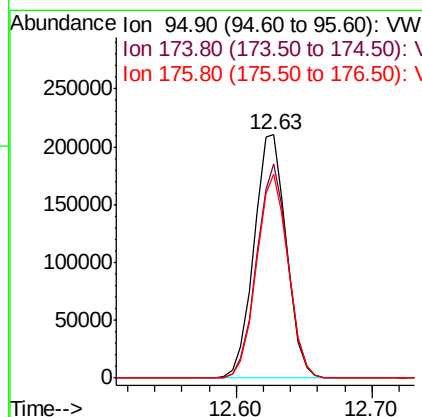
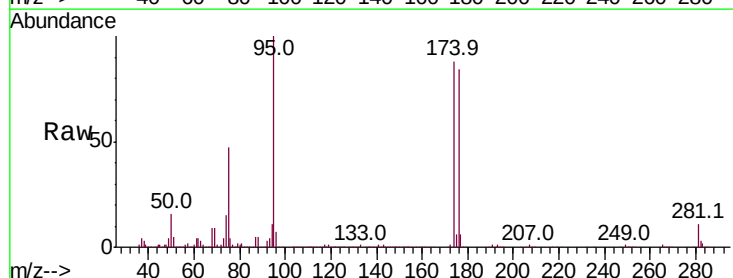
Instrument :
MSVOA_W
ClientSampleId :
TP-LEX-3(0-5)RE

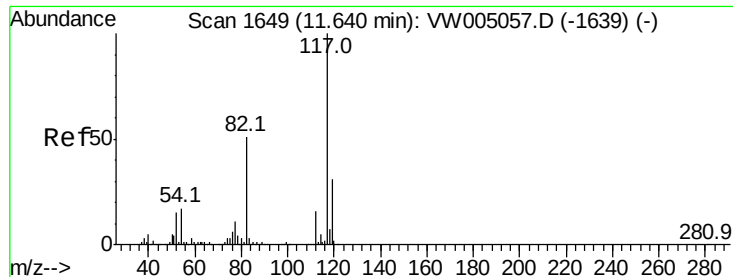
Tot Ion: 98 Resp: 976172
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.872 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005167.D
Acq: 06 Sep 2018 16:42

Tgt Ion: 95 Resp: 350686
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.4
176 82.0 0.0 167.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

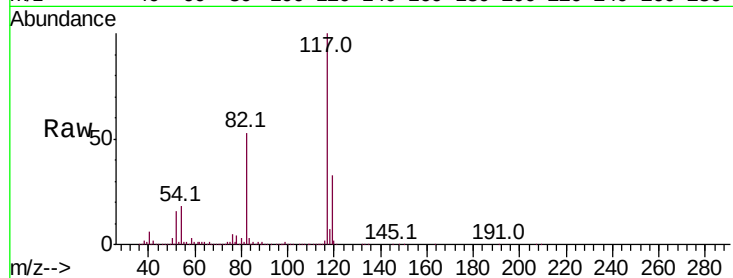
Tot Ion:117 Resp: 749491

Ion Ratio Lower Upper

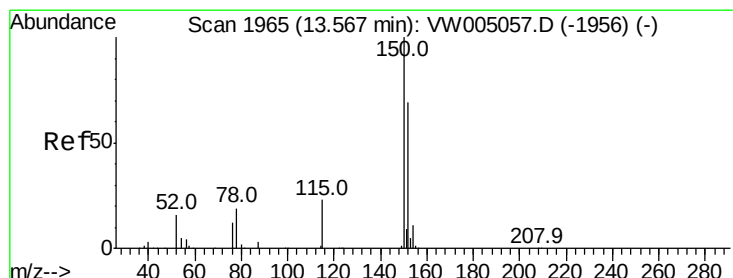
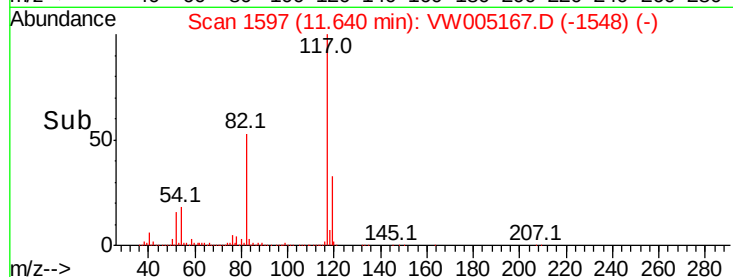
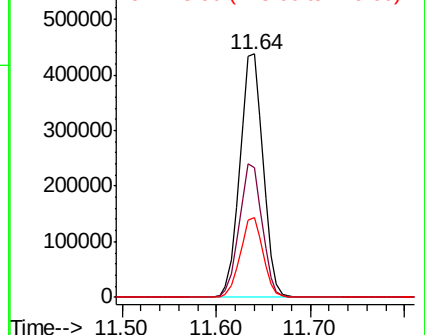
117 100

82 53.0 40.9 61.3

119 32.9 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

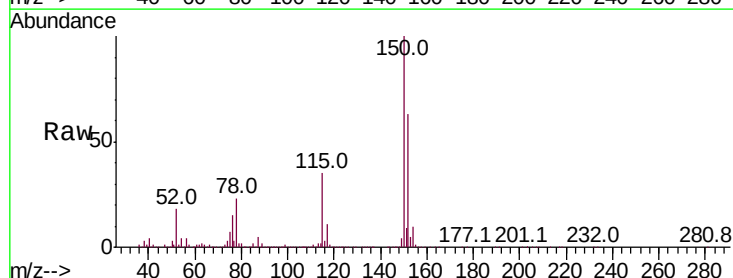
Tgt Ion:152 Resp: 383798

Ion Ratio Lower Upper

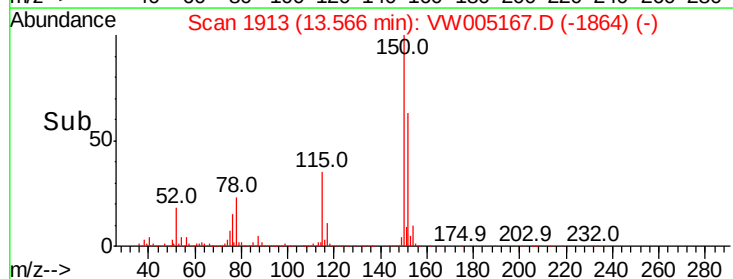
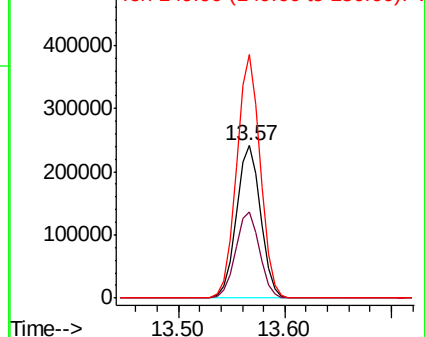
152 100

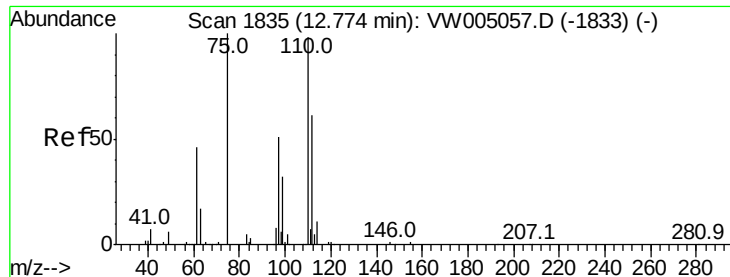
115 56.1 27.8 83.4

150 155.8 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

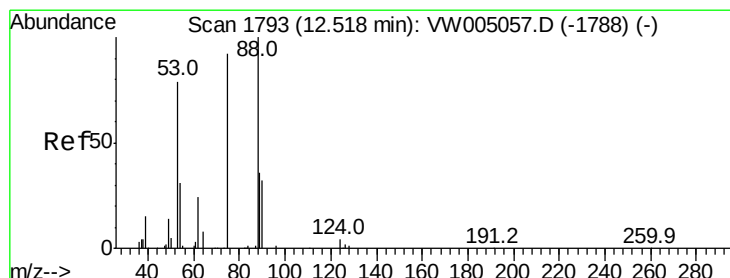
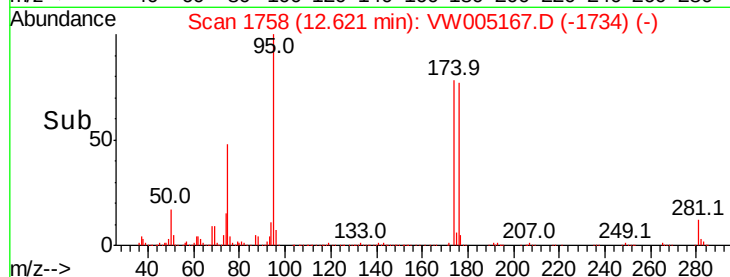
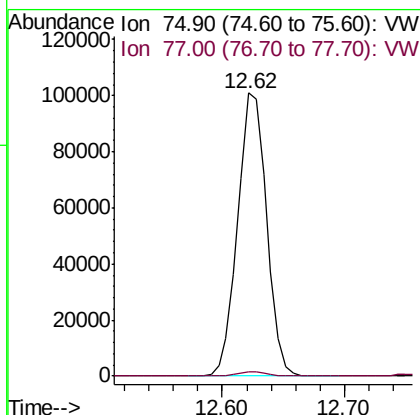
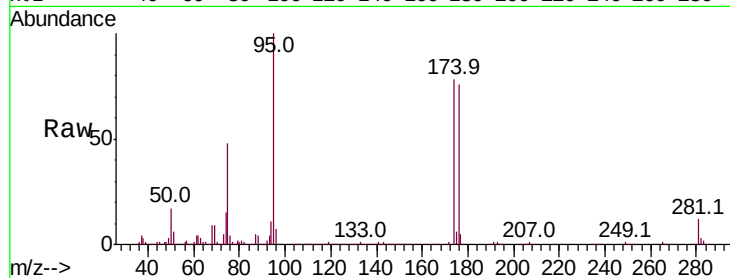




#76
 1,2,3-Trichloropropane
 Concen: 57.385 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005167.D
 Acq: 06 Sep 2018 16:42

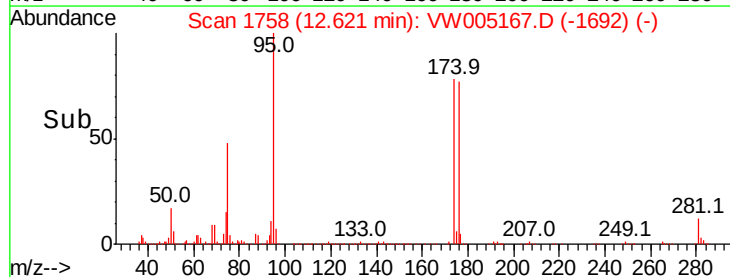
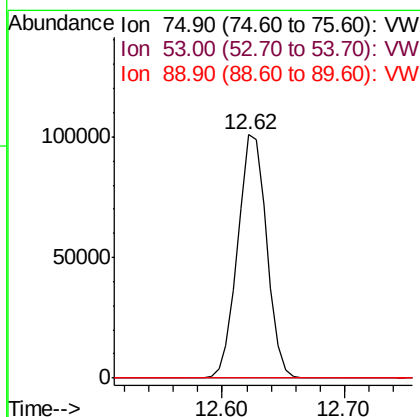
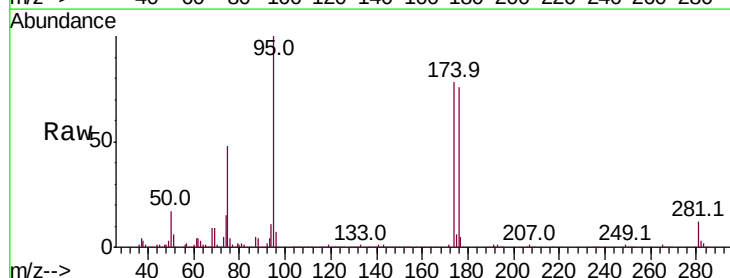
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-LEX-3(0-5)RE

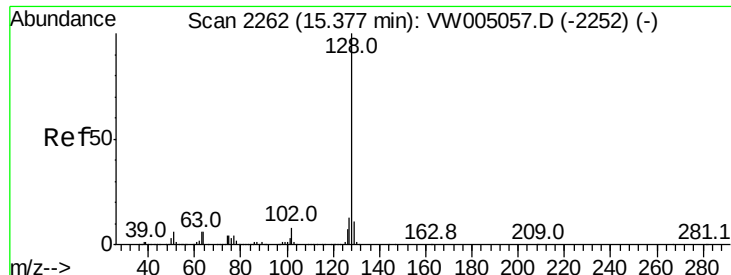
Tot Ion: 75 Resp: 165319
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.119 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005167.D
 Acq: 06 Sep 2018 16:42

Tgt Ion: 75 Resp: 165319
 Ion Ratio Lower Upper
 75 100
 53 0.4 69.8 104.8#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.130 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW005167.D

Acq: 06 Sep 2018 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-LEX-3(0-5)RE

Tot Ion:128 Resp: 2264

Ion Ratio Lower Upper

128 100

127 17.6 10.4 15.6#

129 17.8 8.7 13.1#

