

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005158.D
 Acq On : 06 Sep 2018 12:51
 Operator : SY/AP
 Sample : J4747-03RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-DRUM-3-STONERE

Quant Time: Sep 06 13:55:12 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	442981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	716726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	662184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245246	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	268859	73.22	ug/l	0.00
Spiked Amount			Recovery	=	146.44%	
35) Dibromofluoromethane	7.89	113	244006	58.91	ug/l	0.00
Spiked Amount			Recovery	=	117.82%	
50) Toluene-d8	10.33	98	981455	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.63	95	307976	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	

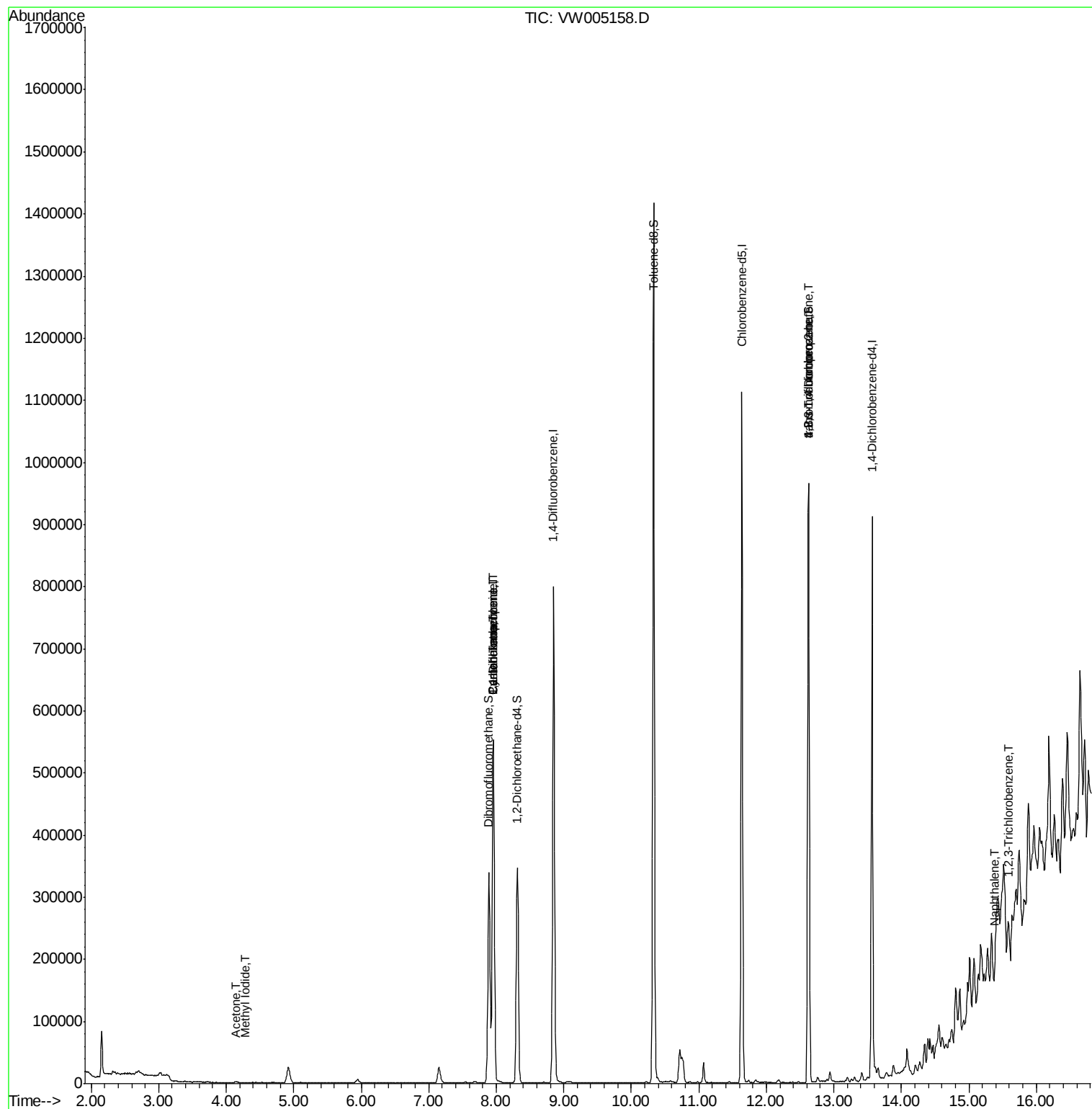
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	1451	Below Cal	#	67
10) Methyl Iodide	4.28	142	1060	3.987	ug/l #	78
11) Tert butyl alcohol	5.17	59	115	Below Cal	#	72
16) Acetone	4.15	43	2583	3.507	ug/l #	85
31) Cyclohexane	7.95	56	7849	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	30958	4.535	ug/l #	47
38) Carbon Tetrachloride	7.96	117	40921	6.305	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	144116	78.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	144116	188.428	ug/l #	15
95) Naphthalene	15.38	128	11127	5.138	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.58	180	7398	1.690	ug/l #	12

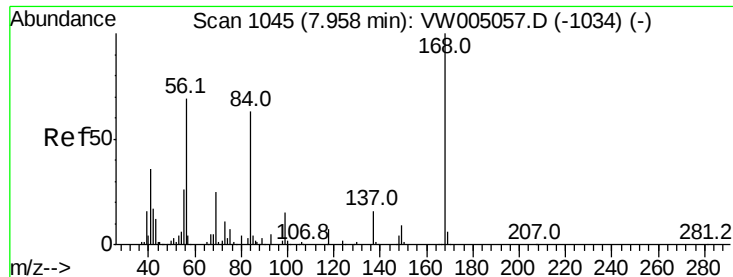
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

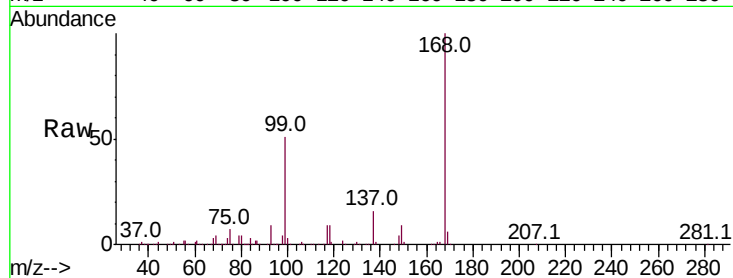
FL-DRUM-3-STONERE

Tot Ion:168 Resp: 442981

Ion Ratio Lower Upper

168 100

99 50.6 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

200000

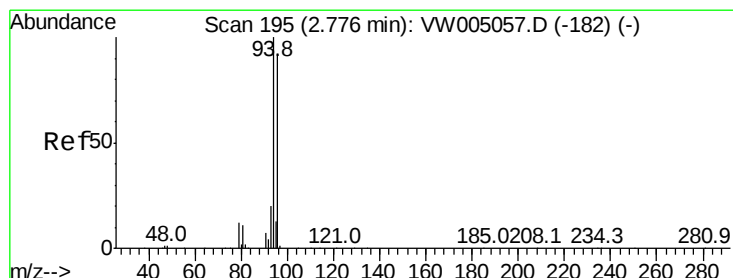
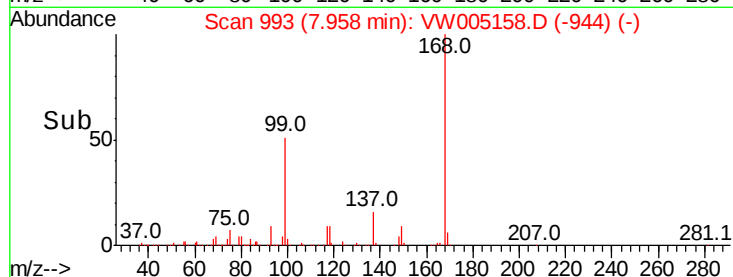
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005158.D

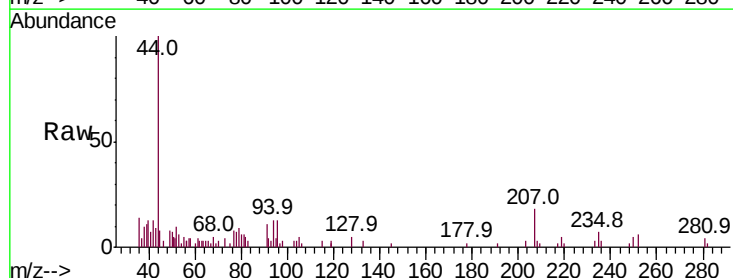
Acq: 06 Sep 2018 12:51

Tgt Ion: 94 Resp: 1451

Ion Ratio Lower Upper

94 100

96 60.6 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

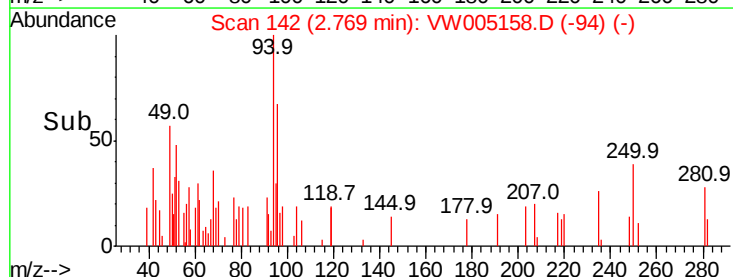
300

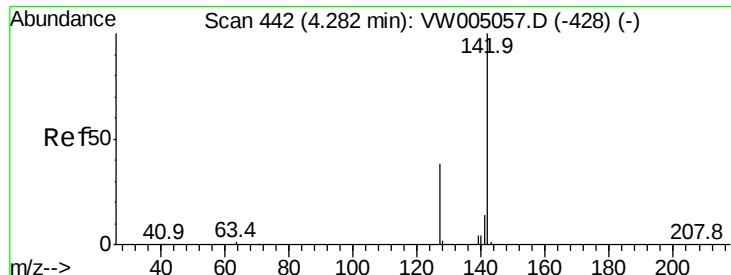
200

100

0

Time-->

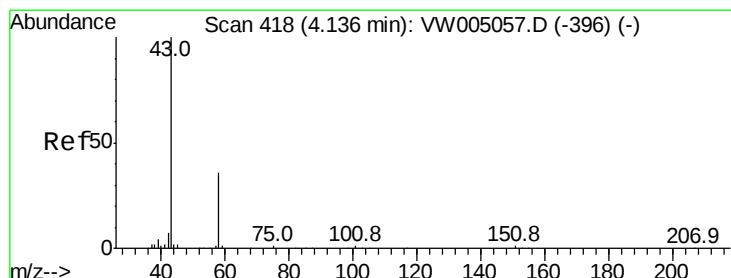
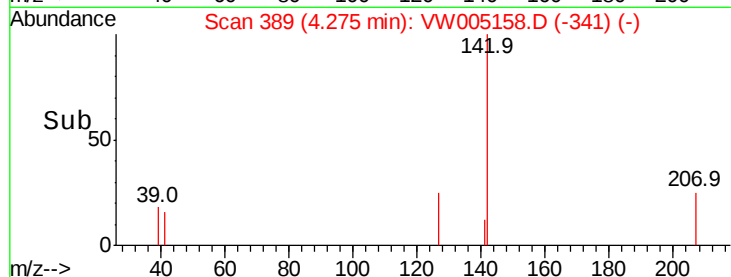
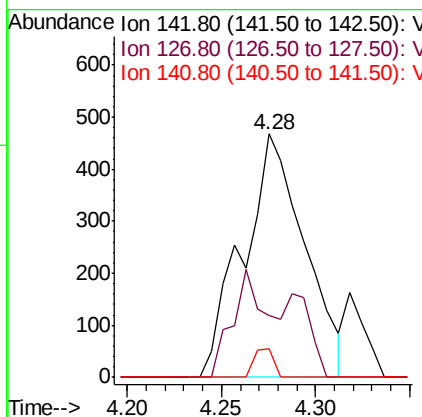
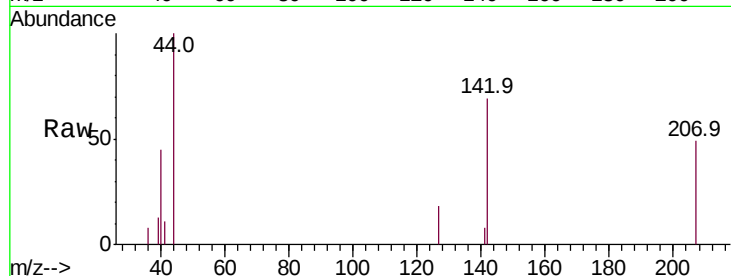




#10
Methvl Iodide
Concen: 3.987 ug/l
RT: 4.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

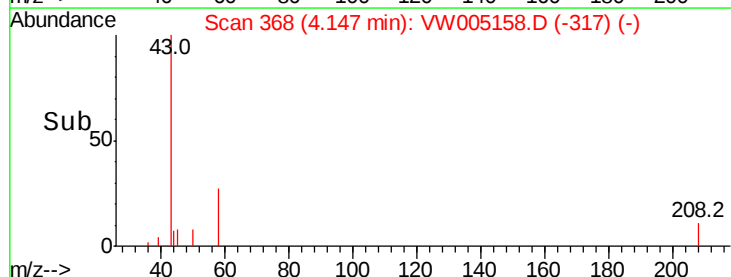
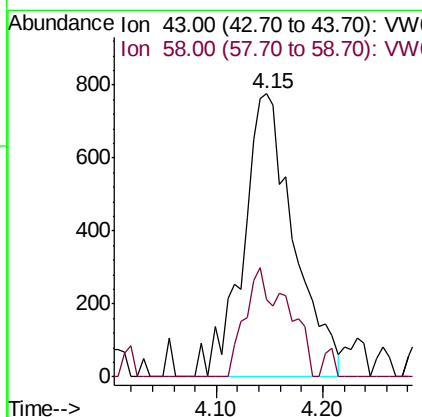
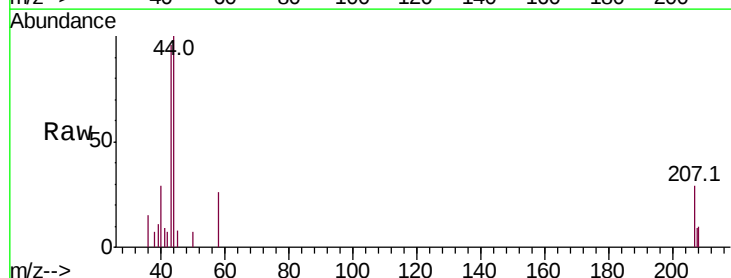
Instrument :
MSVOA_W
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FL-DRUM-3-STONERE

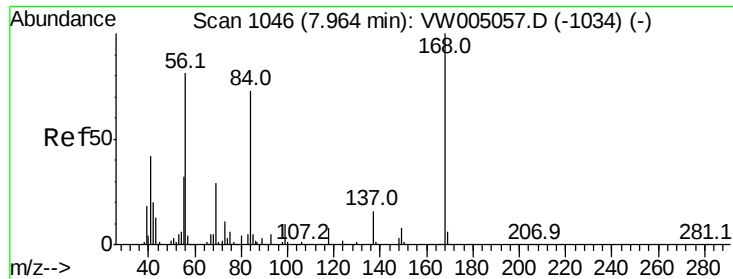
Tot Ion:142 Resp: 1060
Ion Ratio Lower Upper
142 100
127 26.3 30.8 46.2#
141 3.8 11.6 17.4#



#16
Acetone
Concen: 3.507 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
58 27.3 29.0 43.6#

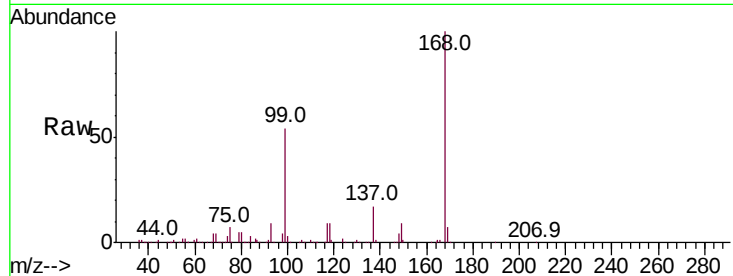




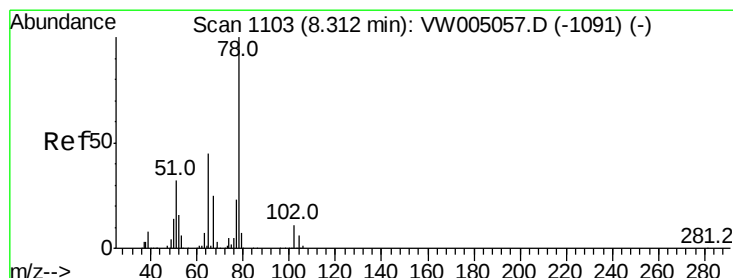
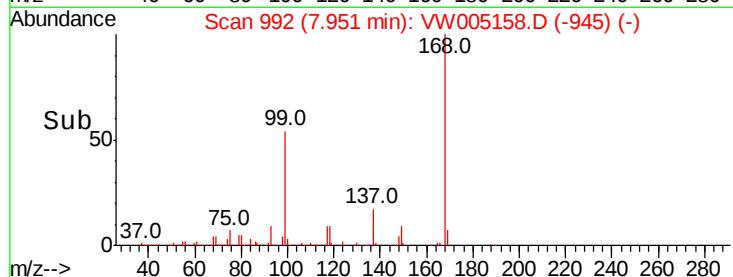
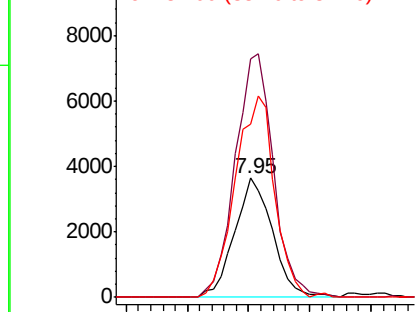
#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONERE

Tot Ion: 56 Resp: 7849
Ion Ratio Lower Upper
56 100
69 199.8 28.2 42.2#
84 145.1 71.8 107.8#

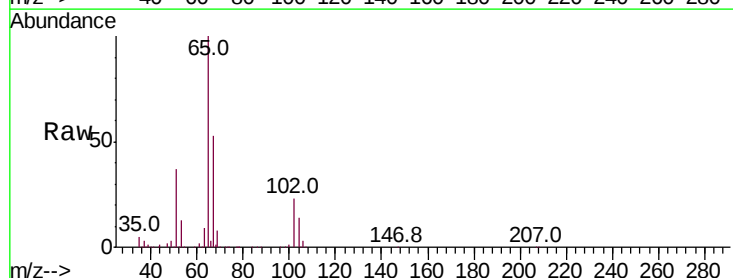


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

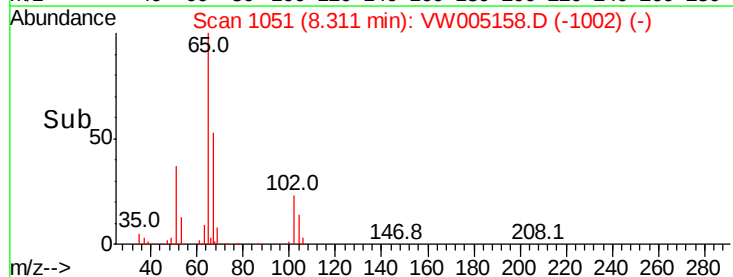
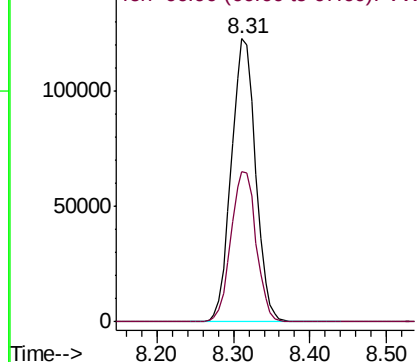


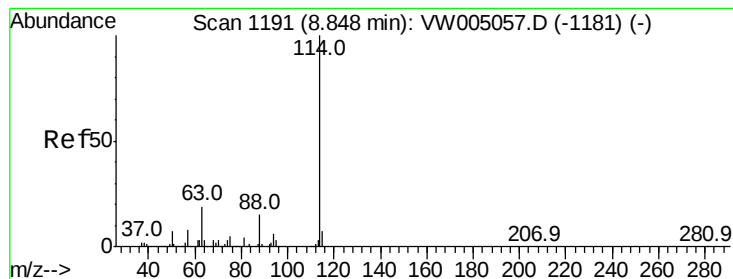
#33
1,2-Dichloroethane-d4
Concen: 73.216 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Tgt Ion: 65 Resp: 268859
Ion Ratio Lower Upper
65 100
67 54.8 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# 1139

Delta R.T. -0.00 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

FL-DRUM-3-STONERE

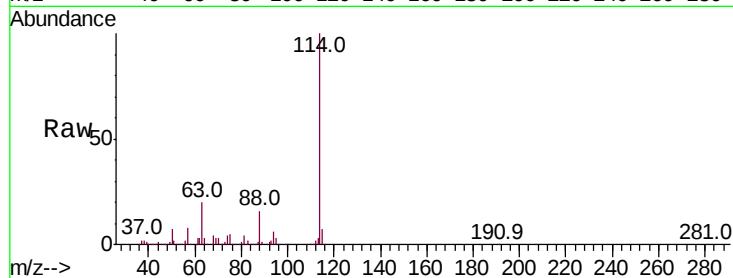
Tot Ion:114 Resp: 716726

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

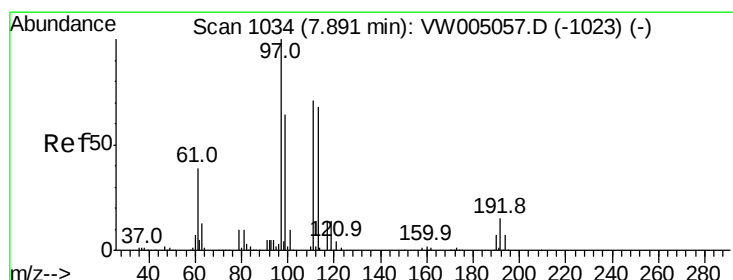
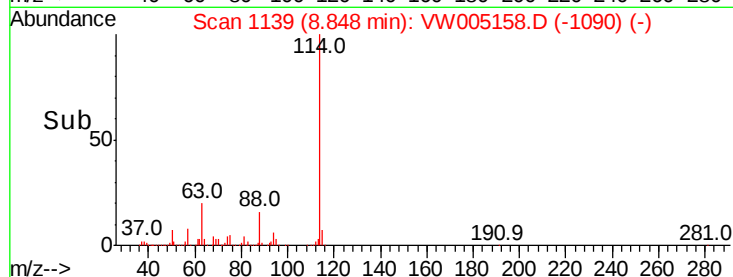
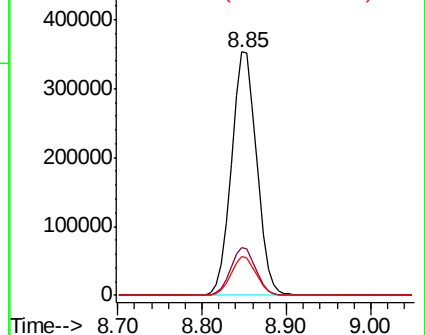
88 15.8 0.0 30.2



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: 58.912 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

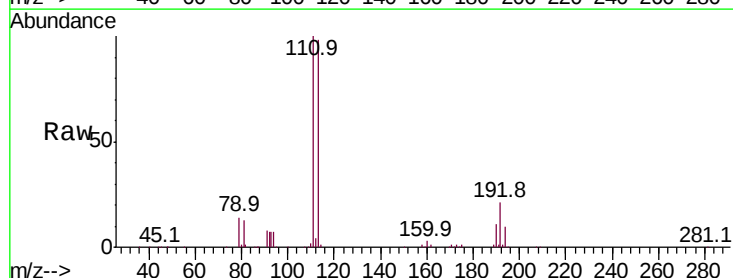
Tgt Ion:113 Resp: 244006

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

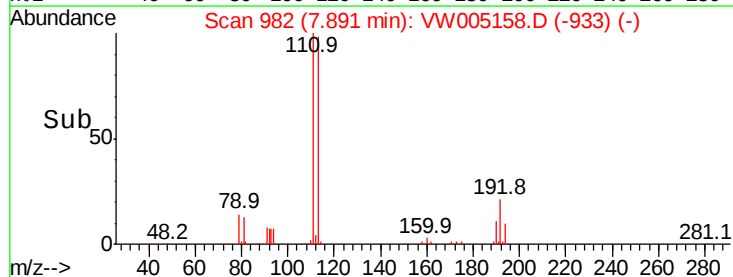
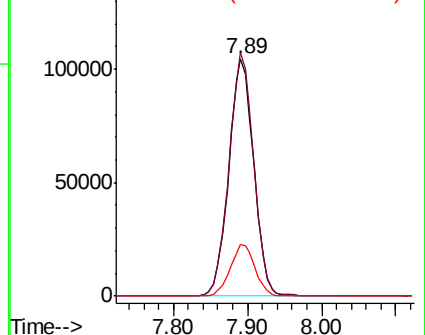
192 21.6 18.1 27.1

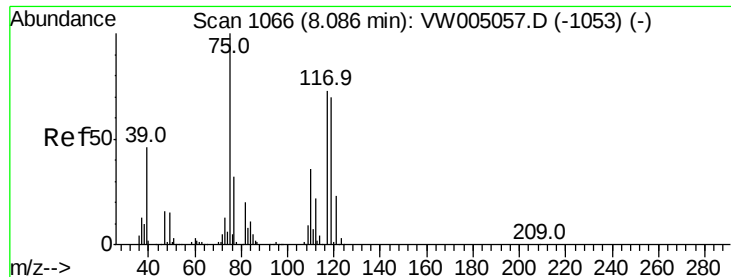


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

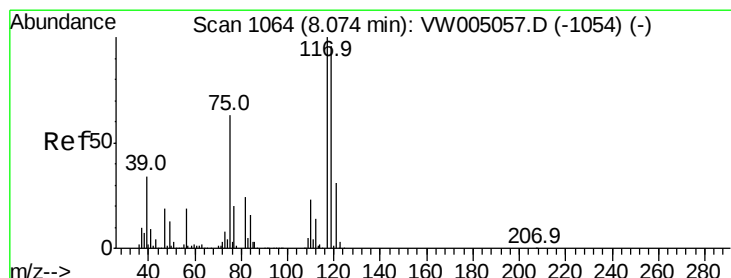
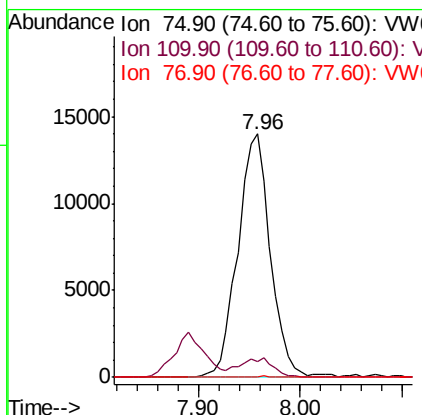
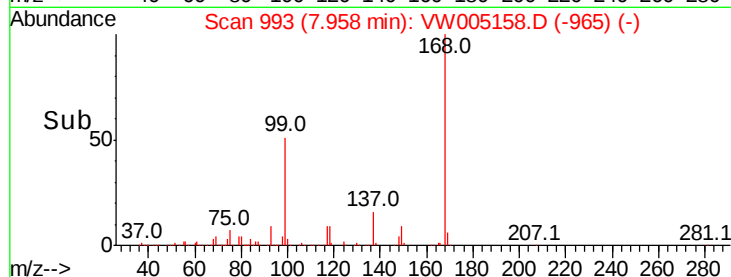
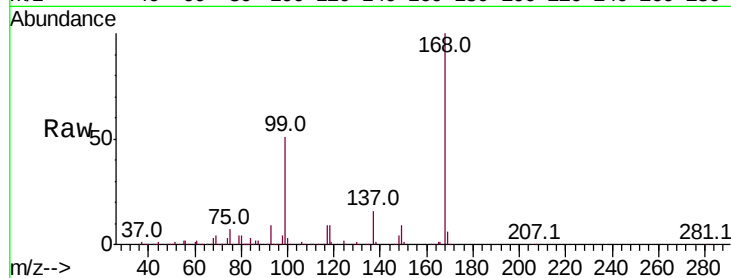




#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005158.D
 Acq: 06 Sep 2018 12:51

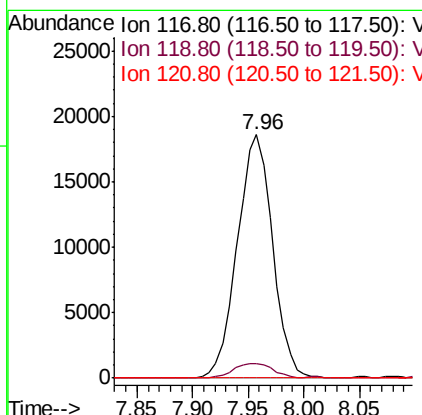
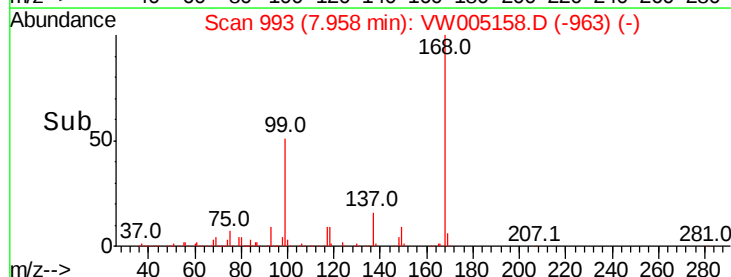
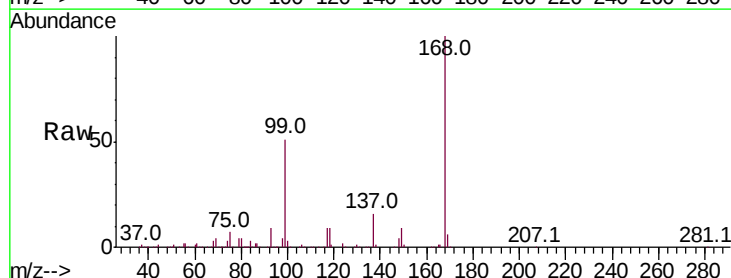
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-DRUM-3-STONERE

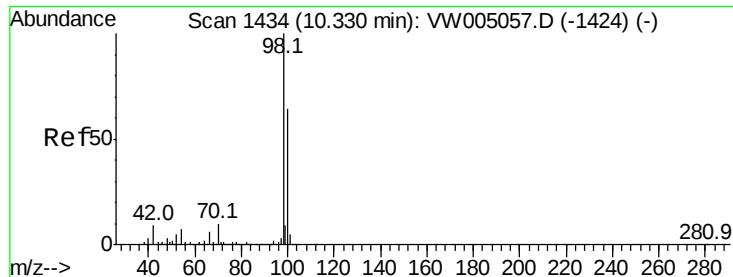
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.9	56.7#
77	0.1	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.305 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005158.D
 Acq: 06 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 51.426 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

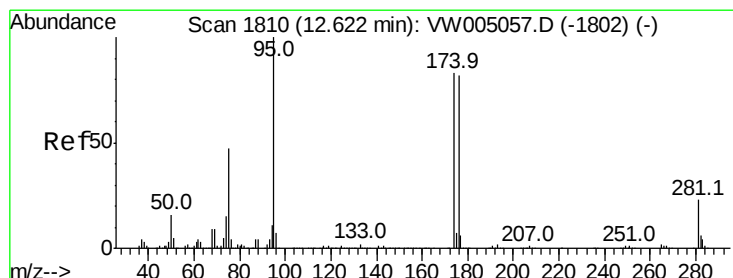
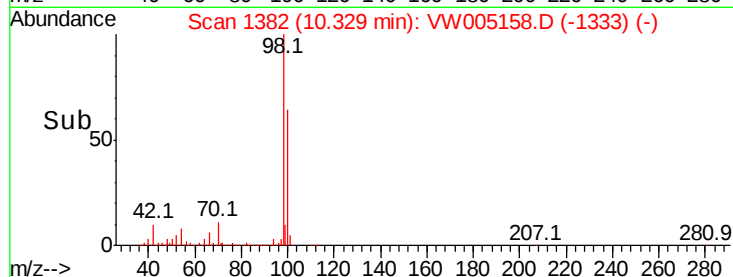
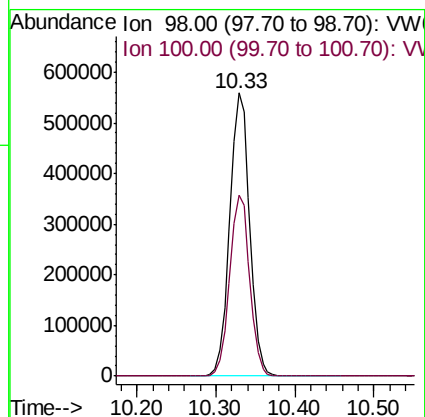
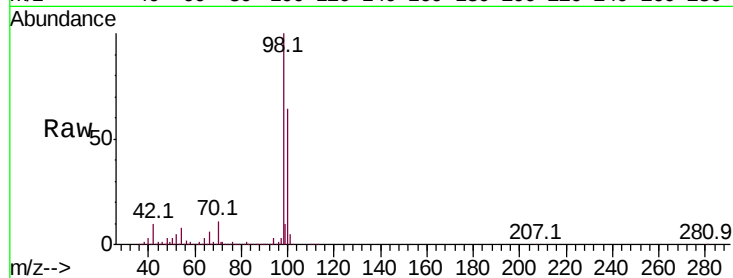
FL-DRUM-3-STONERE

Tot Ion: 98 Resp: 981455

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.765 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

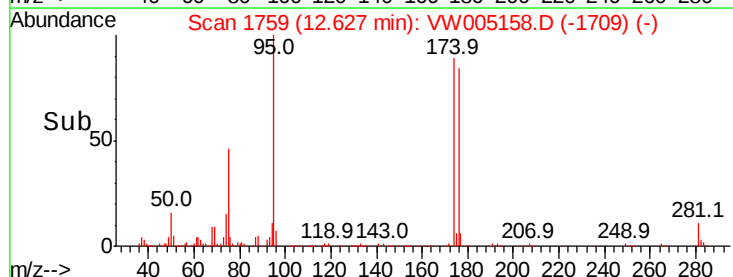
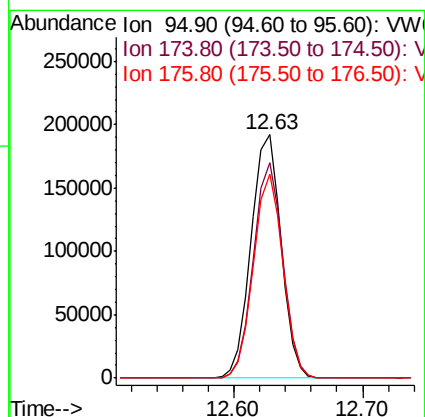
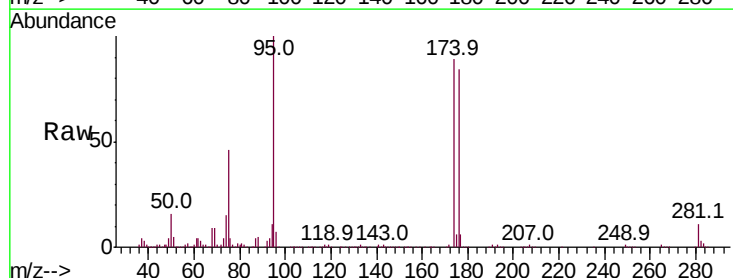
Tgt Ion: 95 Resp: 307976

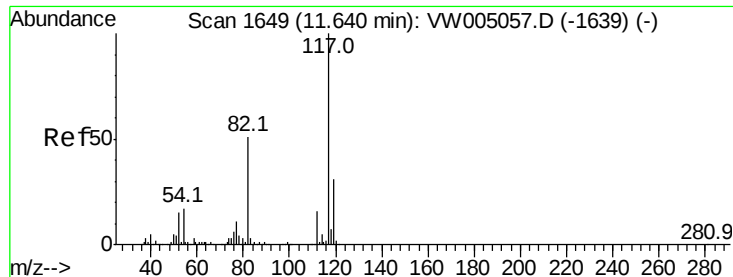
Ion Ratio Lower Upper

95 100

174 86.7 0.0 173.4

176 82.1 0.0 167.4

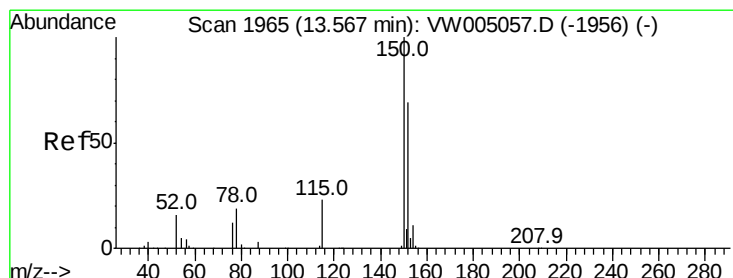
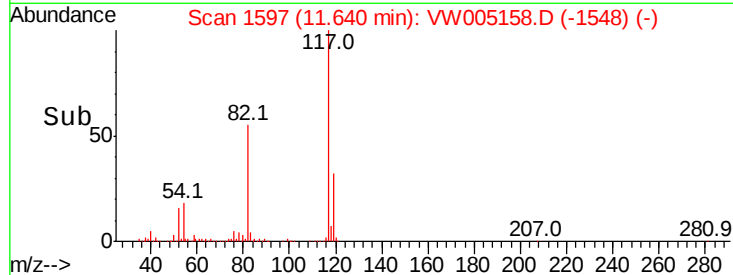
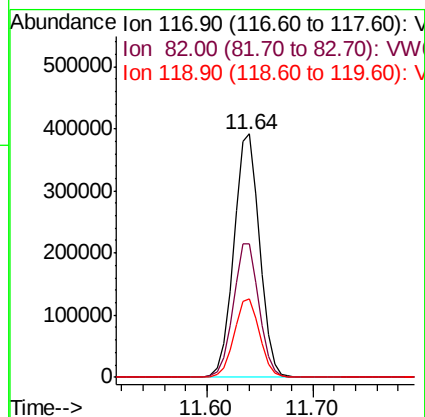
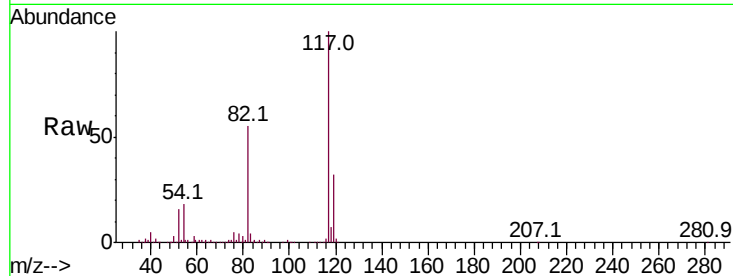




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

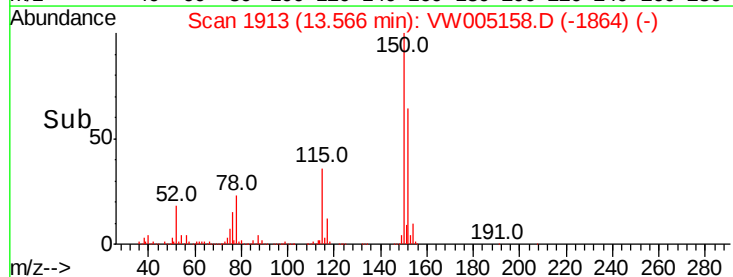
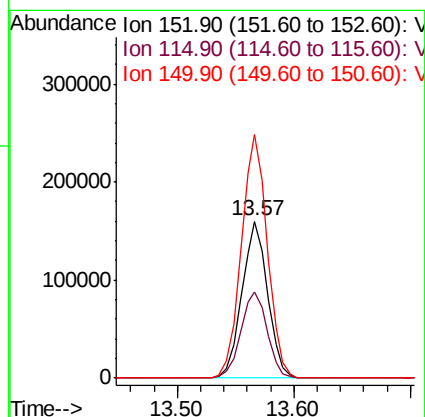
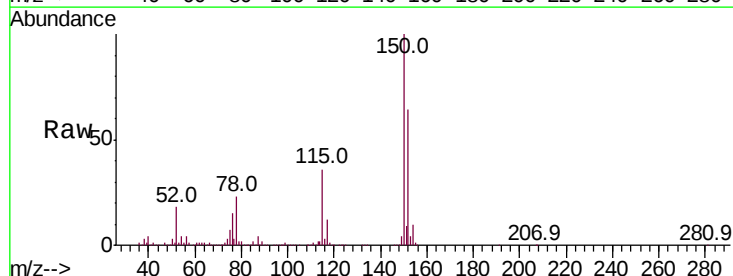
Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONERE

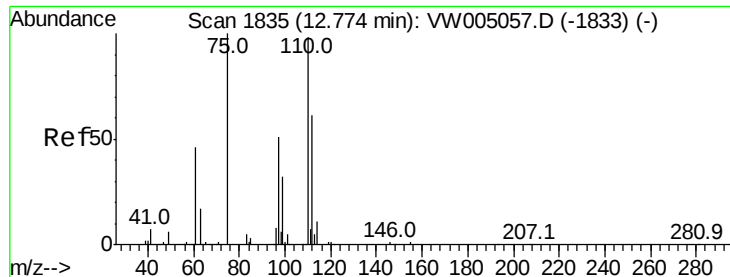
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.9	61.3
119	32.2	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.4
150	157.2	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 78.287 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

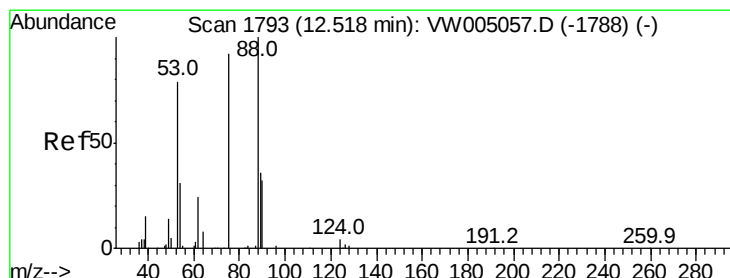
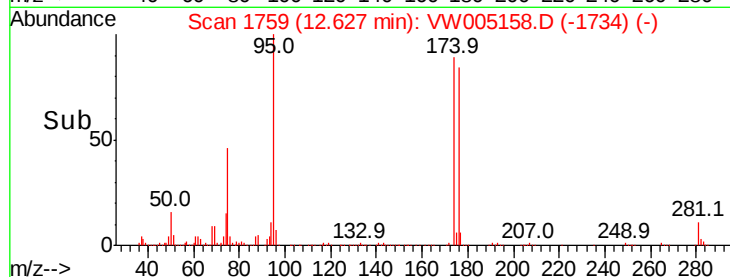
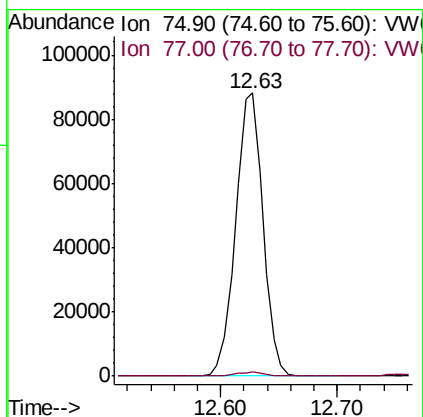
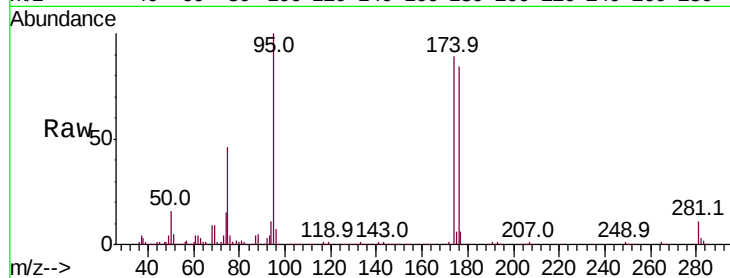
FL-DRUM-3-STONERE

Tot Ion: 75 Resp: 144116

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 188.428 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005158.D

Acq: 06 Sep 2018 12:51

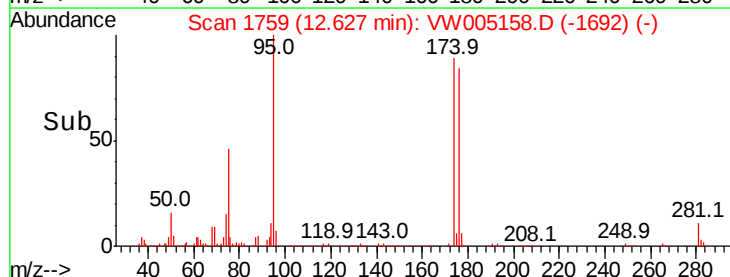
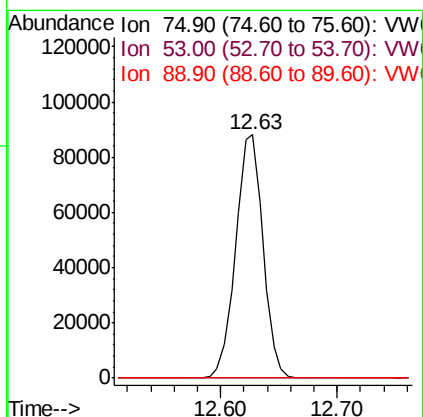
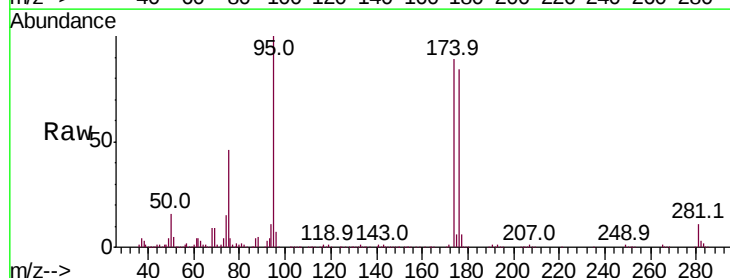
Tgt Ion: 75 Resp: 144116

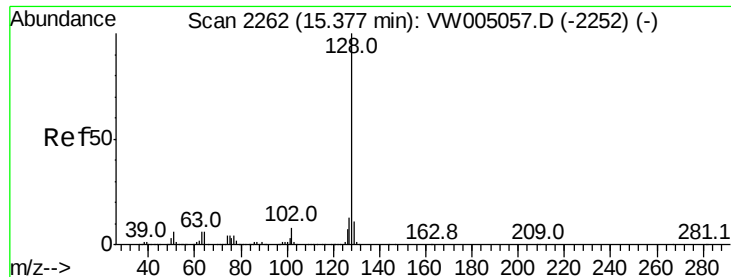
Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.0 36.0 54.0#

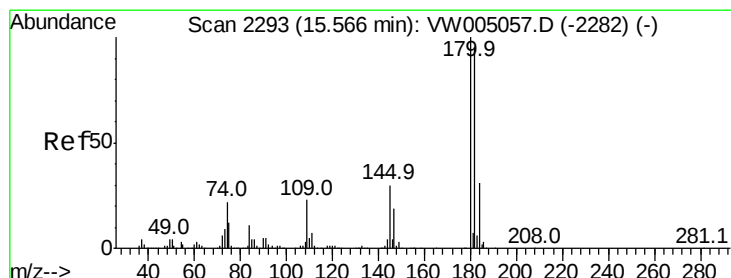
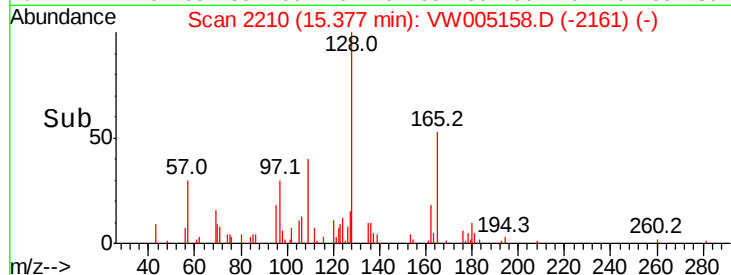
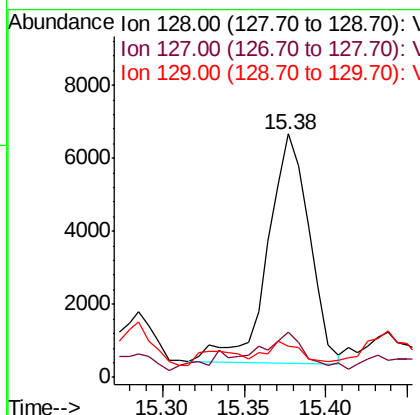
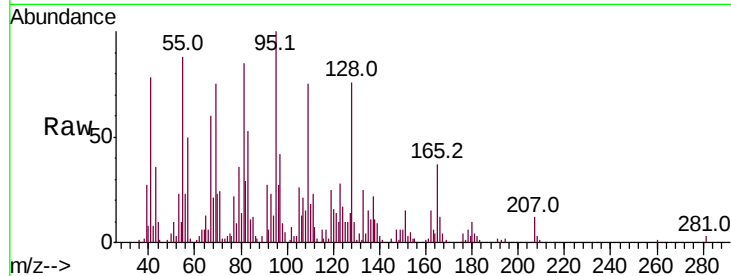




#95
Naphthalene
Concen: 5.138 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONERE

Tot Ion:128 Resp: 11127
Ion Ratio Lower Upper
128 100
127 15.6 10.4 15.6#
129 9.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.690 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW005158.D
Acq: 06 Sep 2018 12:51

Tgt Ion:180 Resp: 7398
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 0.0 15.4 46.1#

