

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004831.D
 Acq On : 21 Aug 2018 10:08
 Operator : SY/AP
 Sample : J4277-05
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 11:33:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	504243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	855974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	716635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	284575	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	279328	57.30	ug/l	0.00
Spiked Amount			Recovery	=	114.60%	
35) Dibromofluoromethane	7.89	113	275596	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.33	98	893616	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	12.62	95	268726	34.98	ug/l	0.00
Spiked Amount			Recovery	=	69.96%	

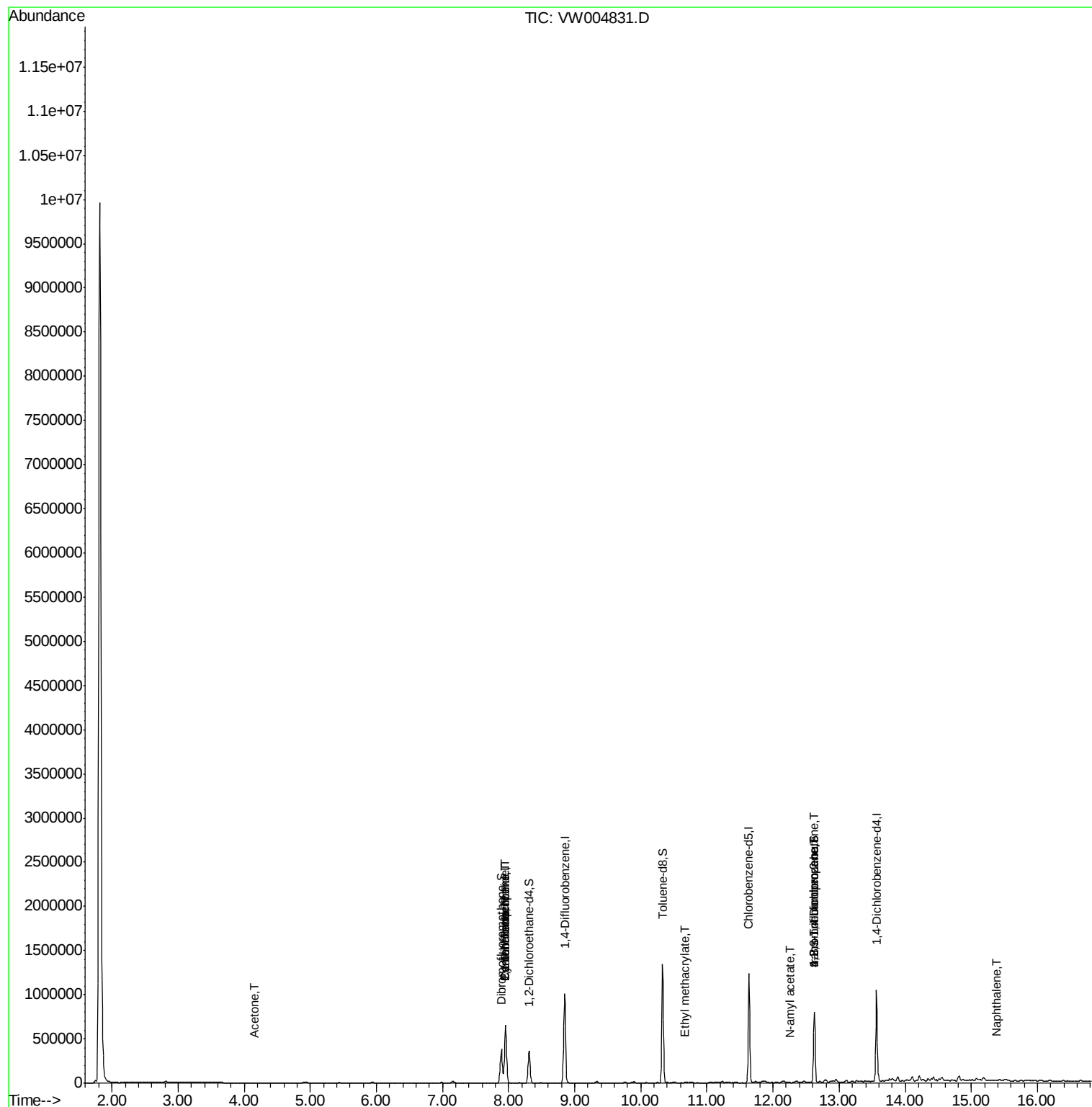
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2802	2.252	ug/l #	80
20) Methylene Chloride	4.92	84	10194	Below Cal		96
31) Cyclohexane	7.96	56	11466	1.204	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	37600	4.264	ug/l #	49
38) Carbon Tetrachloride	7.95	117	46466	5.725	ug/l #	16
56) Ethyl methacrylate	10.66	69	1488	3.223	ug/l #	43
74) N-amyl acetate	12.26	43	448	4.110	ug/l #	61
76) 1,2,3-Trichloropropane	12.62	75	130359	51.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	130359	120.781	ug/l #	14
95) Naphthalene	15.38	128	4891	3.895	ug/l #	79

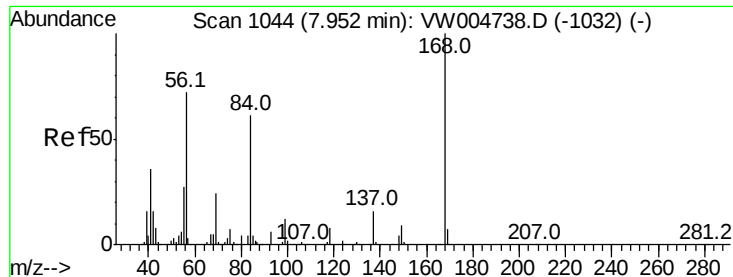
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\
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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

Instrument :

MSVOA_W

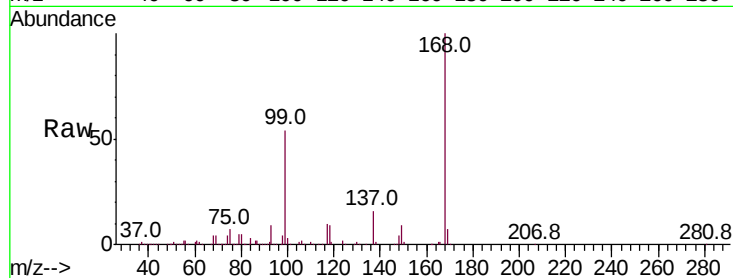
ClientSampled :

Tot Ion:168 Resp: 504243

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

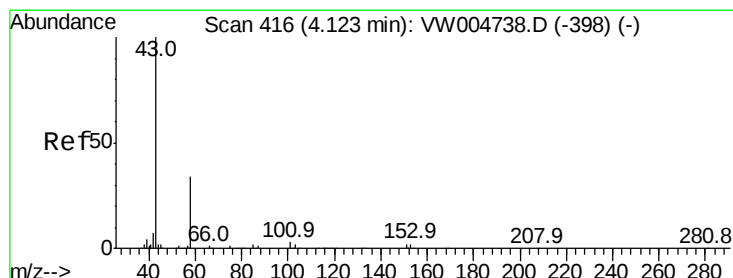
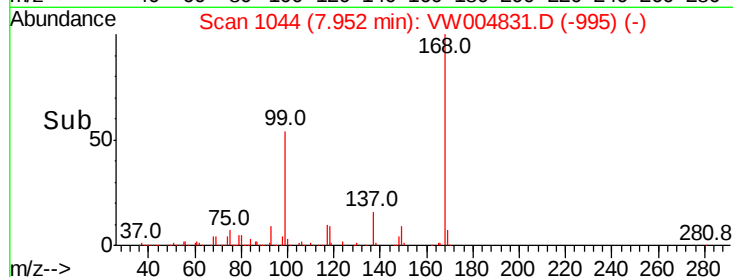
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.252 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.03 min

Lab File: VW004831.D

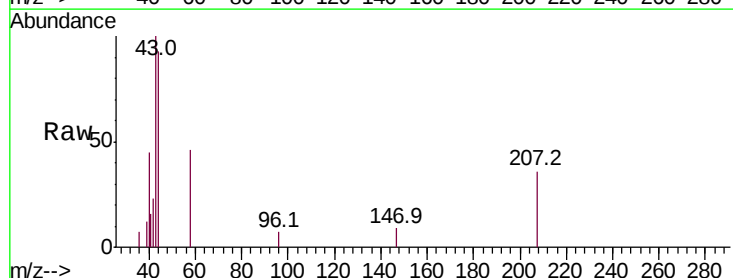
Acq: 21 Aug 2018 10:08

Tgt Ion: 43 Resp: 2802

Ion Ratio Lower Upper

43 100

58 45.6 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

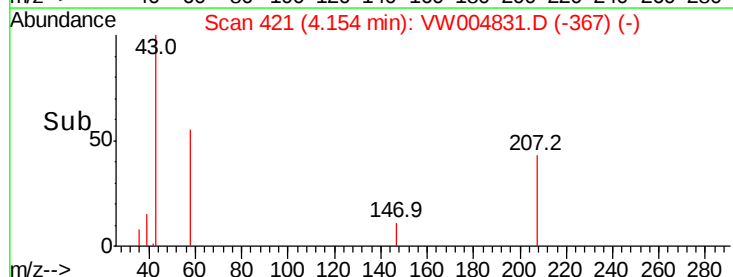
600

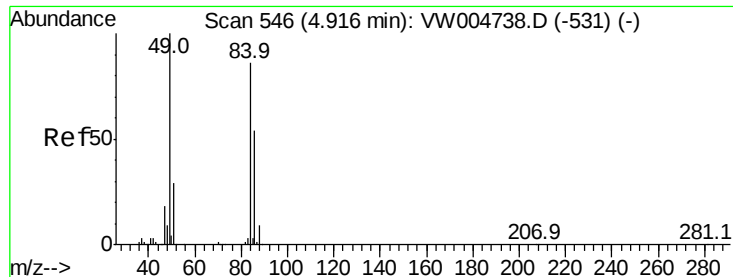
400

200

0

Time-->

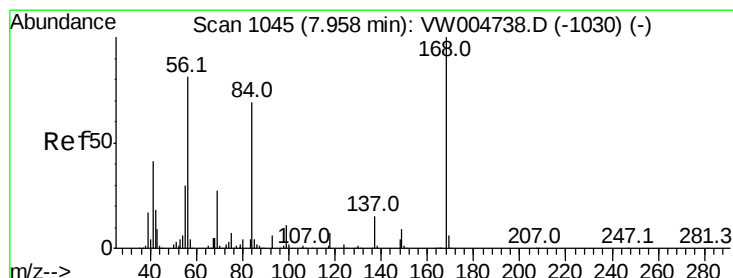
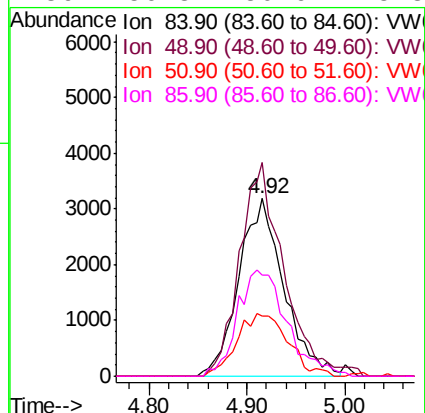
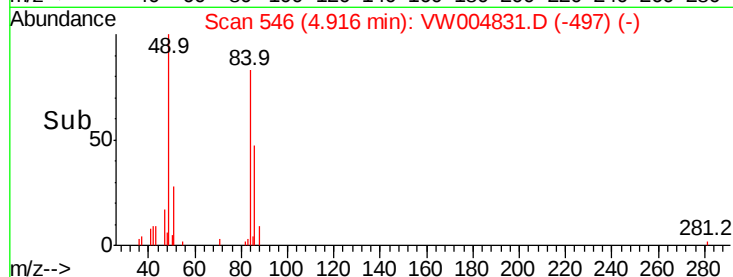
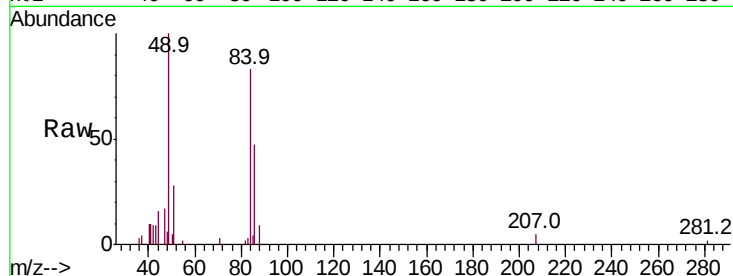




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

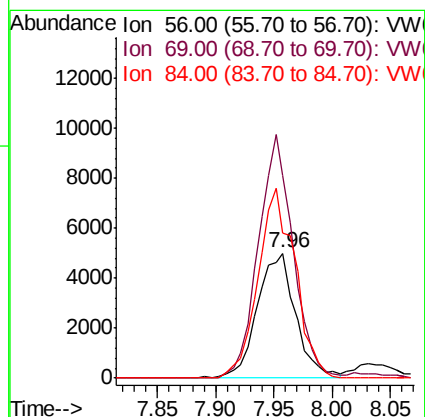
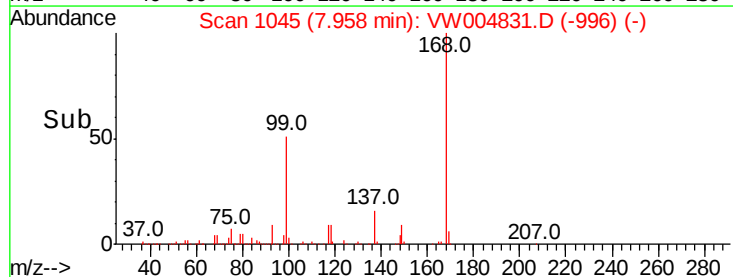
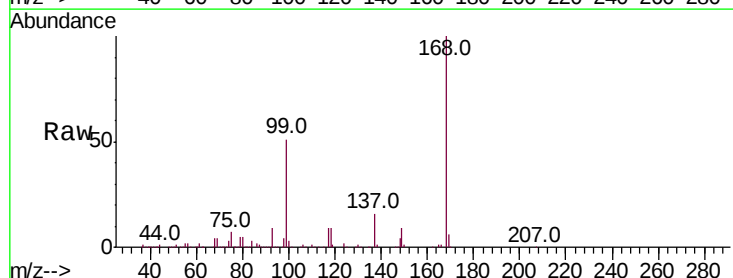
Instrument :
MSVOA_W
ClientSampleId :

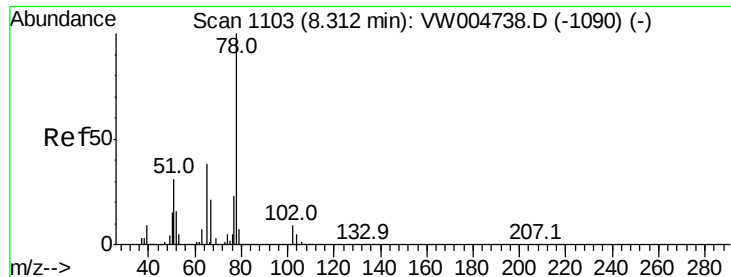
Tot Ion:	84	Resp:	10194
Ion	Ratio	Lower	Upper
84	100		
49	120.2	93.2	139.8
51	34.2	27.4	41.0
86	56.8	50.6	75.8



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

Tgt Ion:	56	Resp:	11466
Ion	Ratio	Lower	Upper
56	100		
69	162.5	27.1	40.7#
84	115.9	68.3	102.5#





#33

1,2-Dichloroethane-d4

Concen: 57.298 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

Instrument :

MSVOA_W

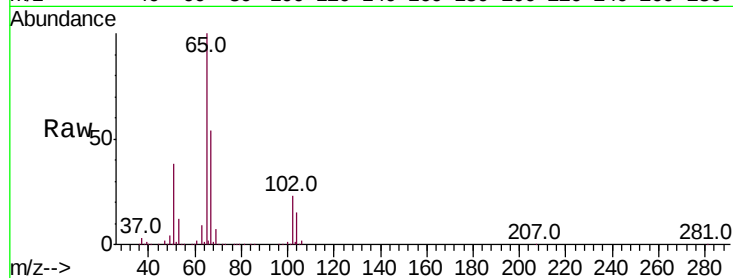
ClientSampled :

Tot Ion: 65 Resp: 279328

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

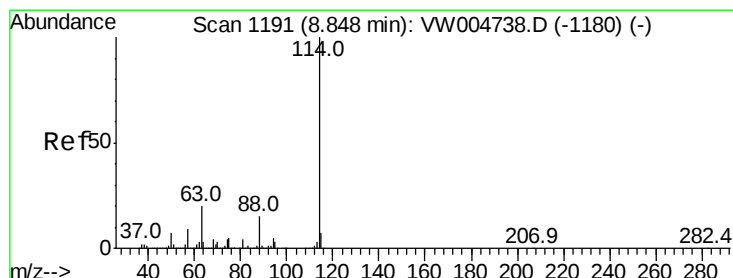
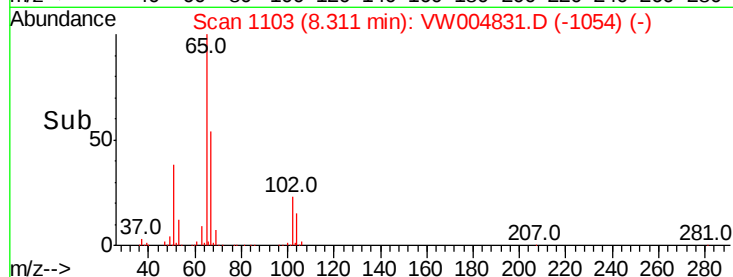
100000

50000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

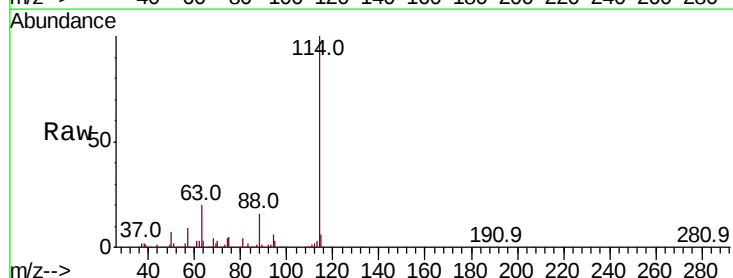
Tgt Ion:114 Resp: 855974

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.6 0.0 30.0



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

8.85

600000

500000

400000

300000

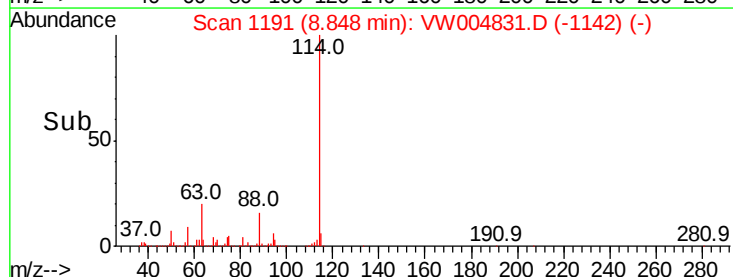
200000

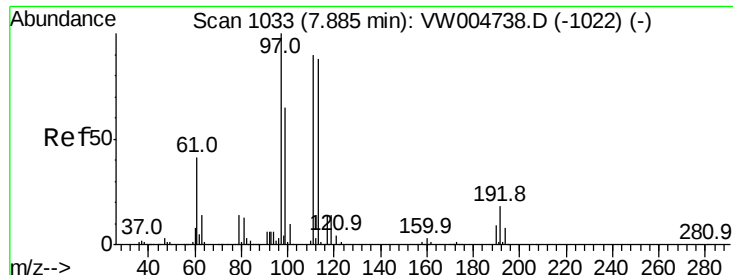
100000

0

Time-->

8.80 8.90

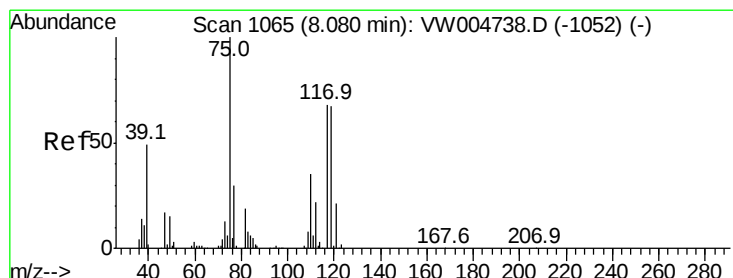
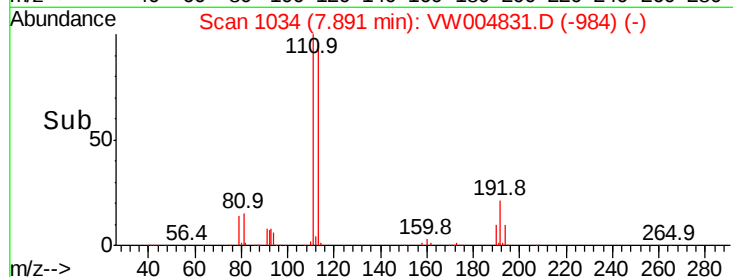
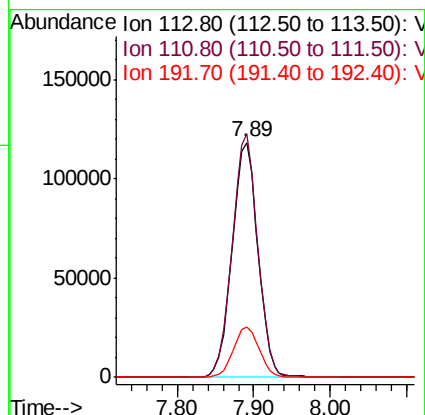
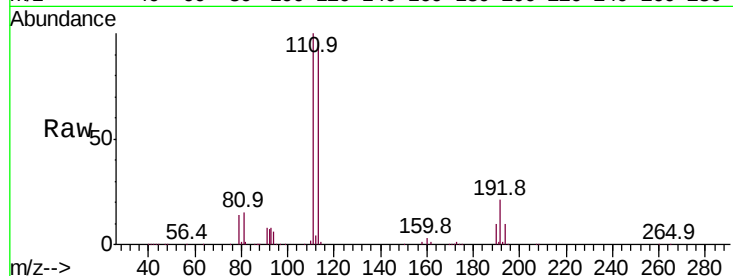




#35
 Dibromofluoromethane
 Concen: 50.376 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004831.D
 Acq: 21 Aug 2018 10:08

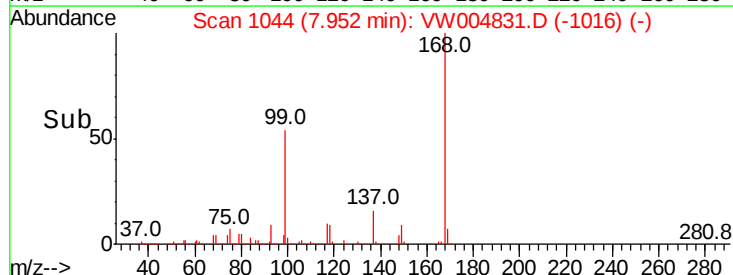
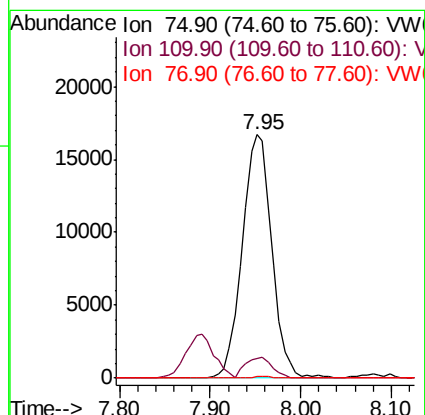
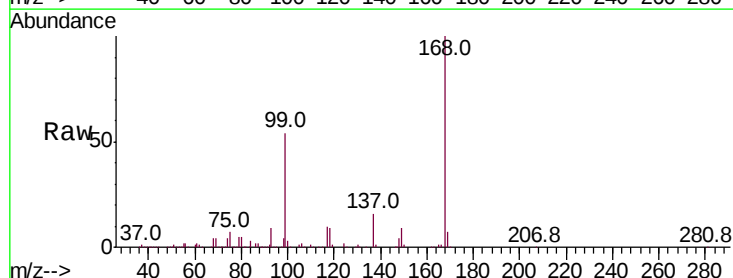
Instrument :
 MSVOA_W
 ClientSampleId :

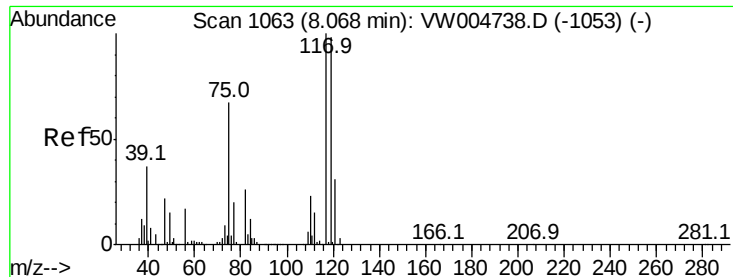
Tot Ion:113 Resp: 275596
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 21.4 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.264 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004831.D
 Acq: 21 Aug 2018 10:08

Tgt Ion: 75 Resp: 37600
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.8 53.5#
 77 0.3 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.725 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

Instrument :

MSVOA_W

ClientSampled :

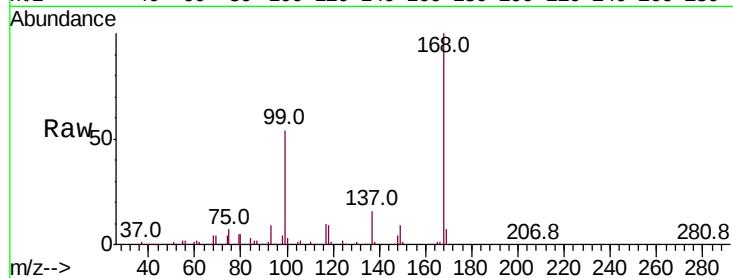
Tot Ion:117 Resp: 46466

Ion Ratio Lower Upper

117 100

119 6.4 78.0 117.0#

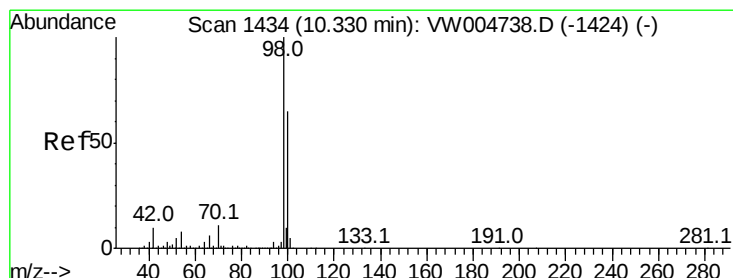
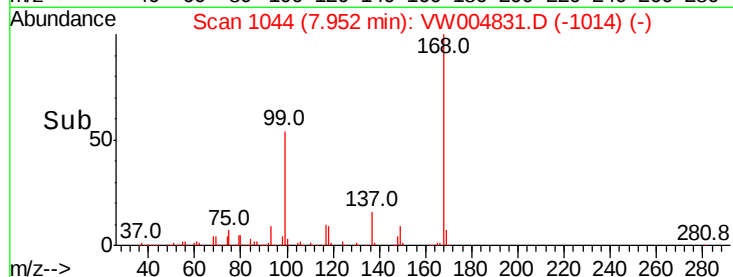
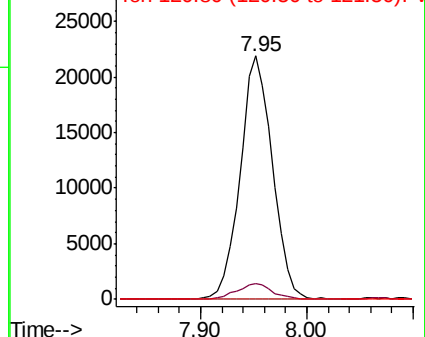
121 0.0 24.8 37.2#



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: 41.844 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004831.D

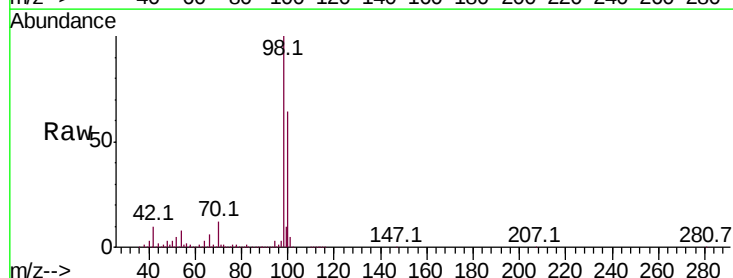
Acq: 21 Aug 2018 10:08

Tgt Ion: 98 Resp: 893616

Ion Ratio Lower Upper

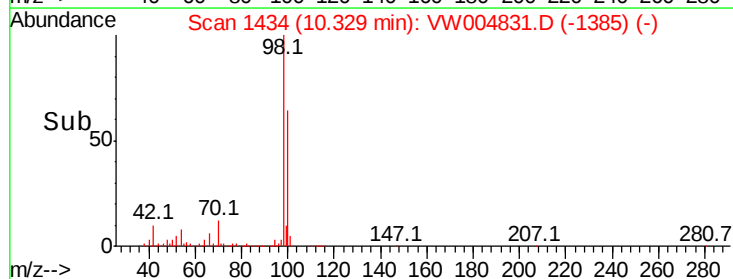
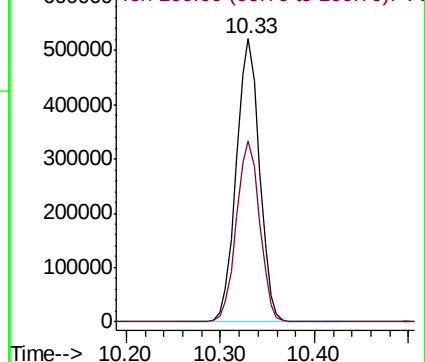
98 100

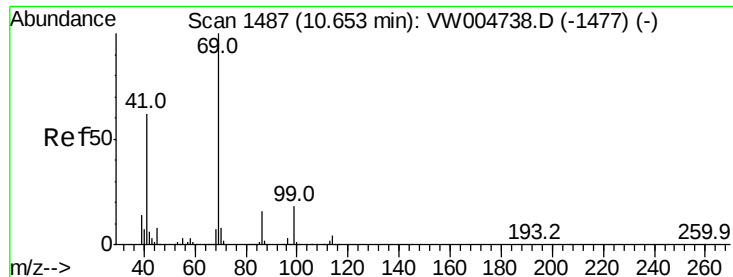
100 64.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.223 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

Instrument :

MSVOA_W

ClientSampleId :

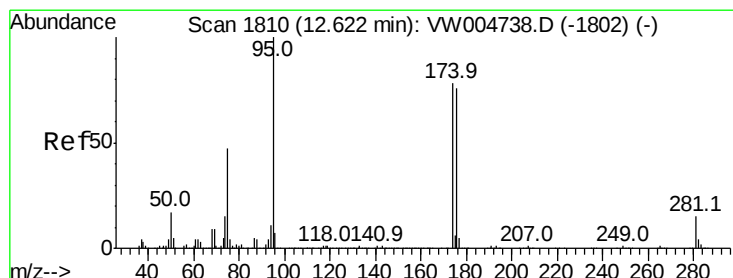
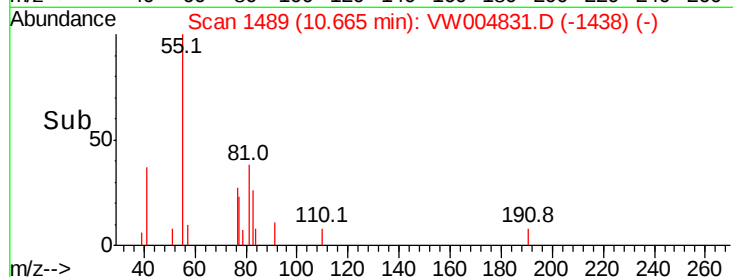
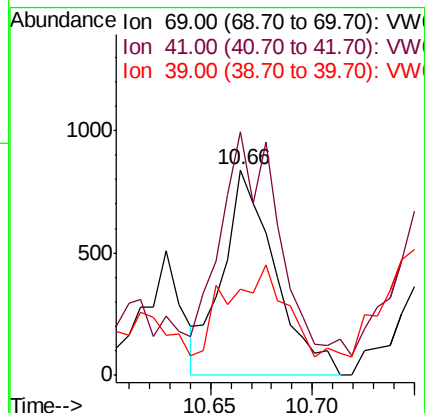
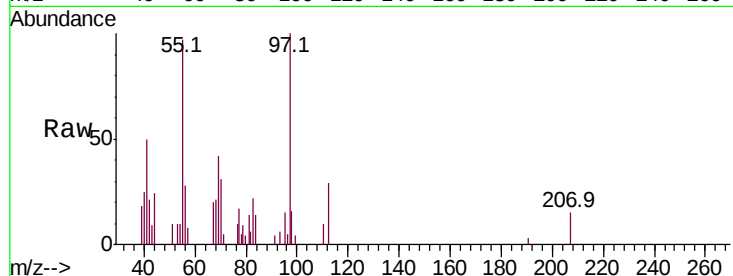
Tot Ion: 69 Resp: 1488

Ion Ratio Lower Upper

69 100

41 105.6 50.7 76.1#

39 59.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 34.977 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

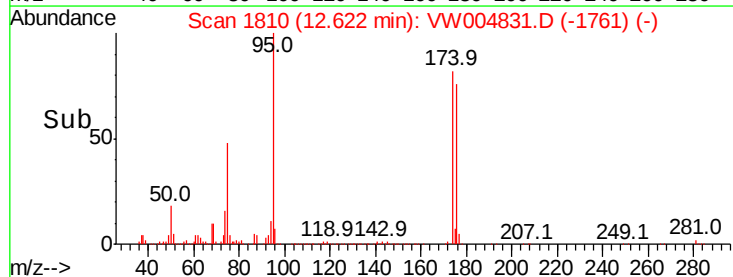
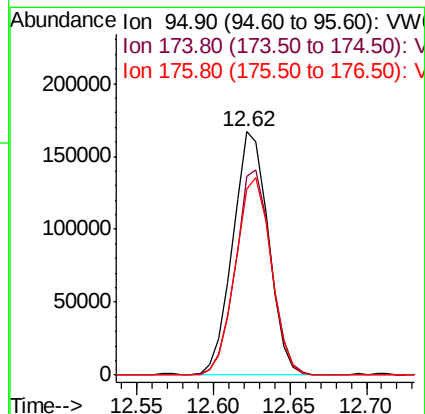
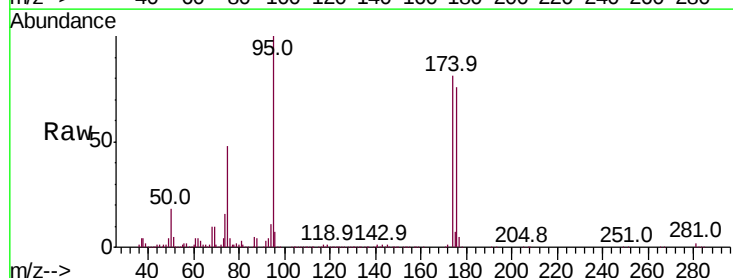
Tgt Ion: 95 Resp: 268726

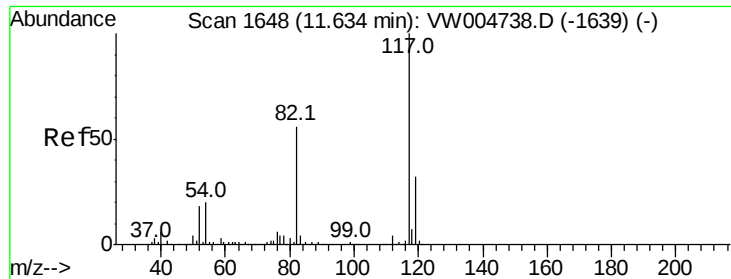
Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 81.9 0.0 159.8

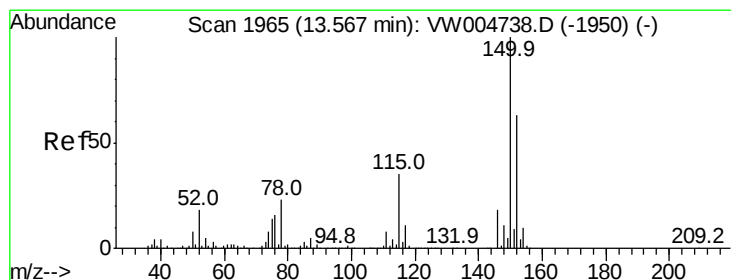
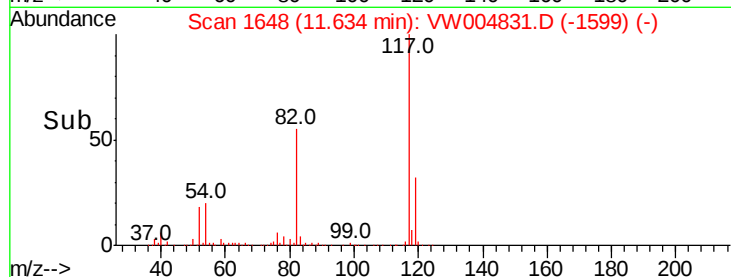
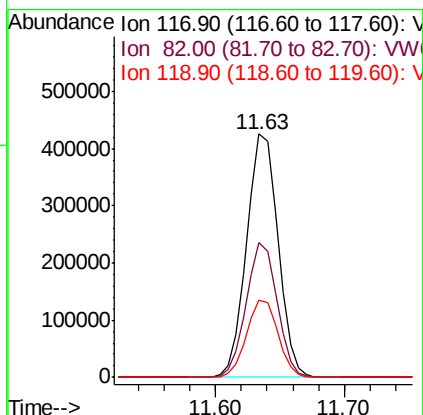
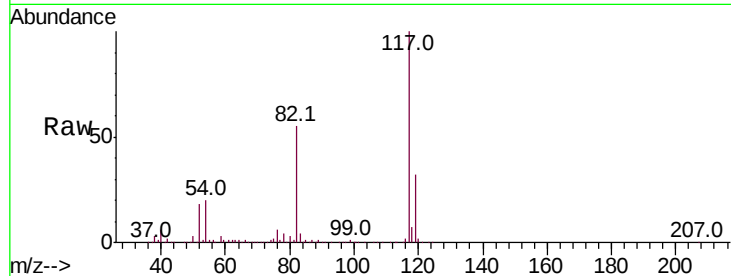




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

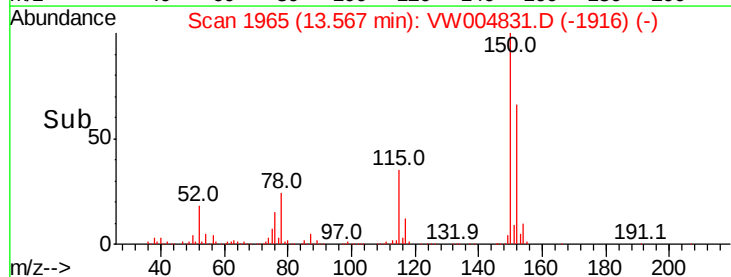
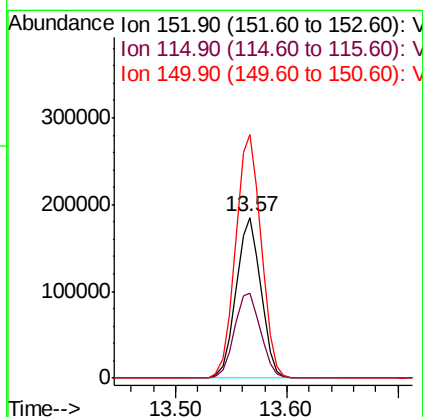
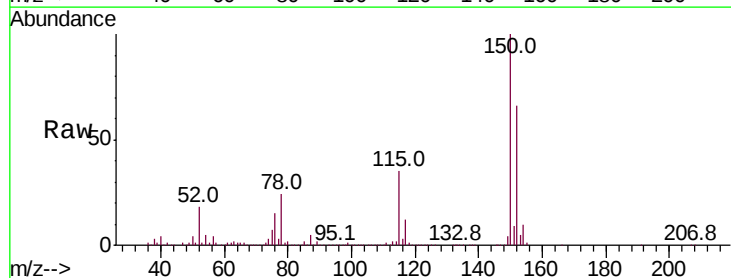
Instrument :
MSVOA_W
ClientSampleId :

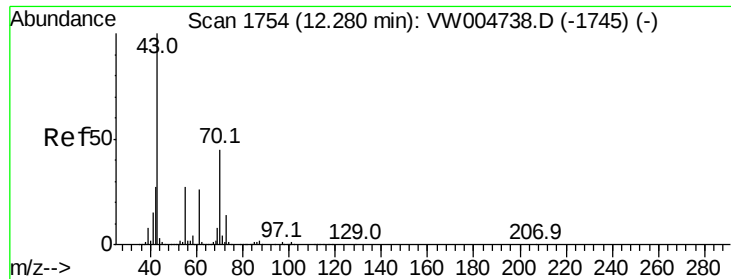
Tot Ion:117 Resp: 716635
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

Tgt Ion:152 Resp: 284575
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.5
150 155.7 0.0 344.8





#74

N-amvl acetate

Concen: 4.110 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004831.D

Acq: 21 Aug 2018 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 448

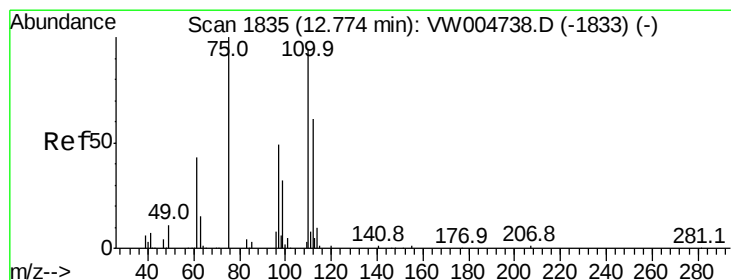
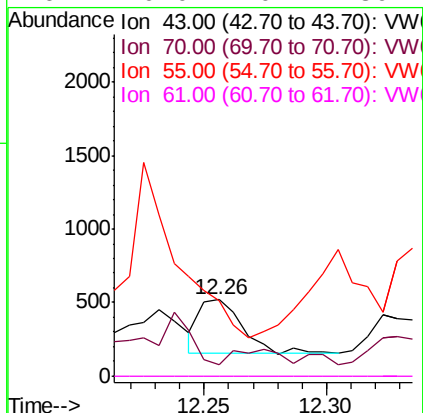
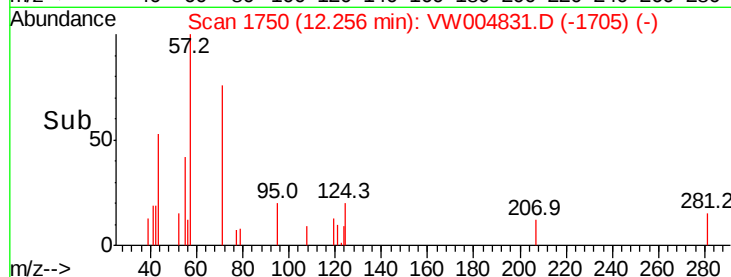
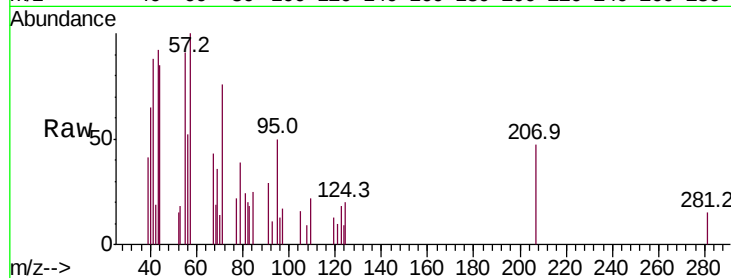
Ion Ratio Lower Upper

43 100

70 30.1 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 51.965 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004831.D

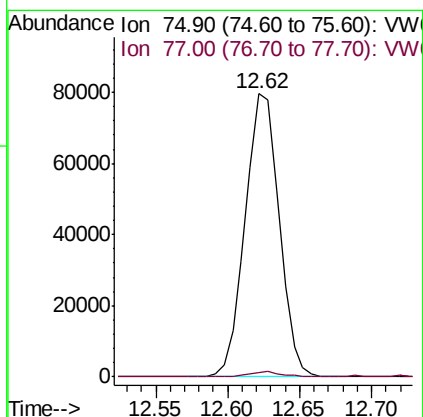
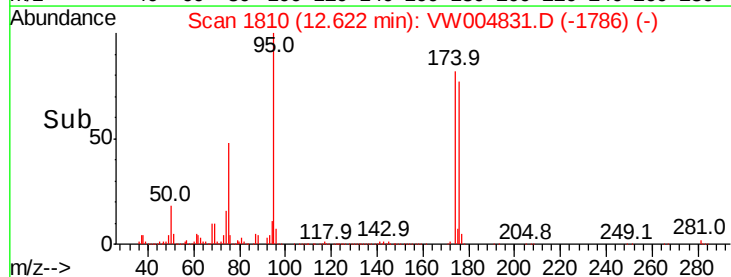
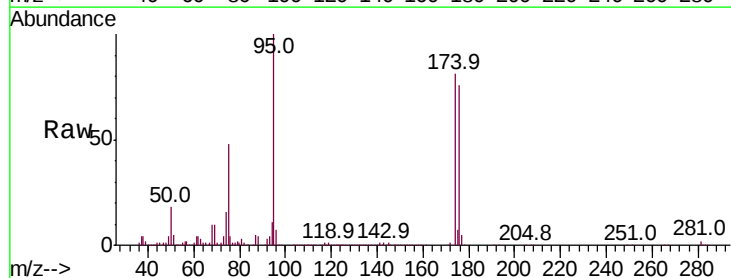
Acq: 21 Aug 2018 10:08

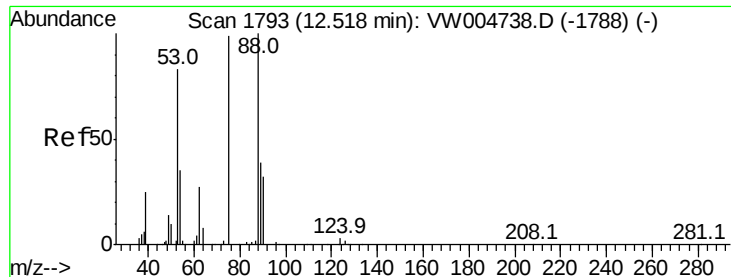
Tgt Ion: 75 Resp: 130359

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

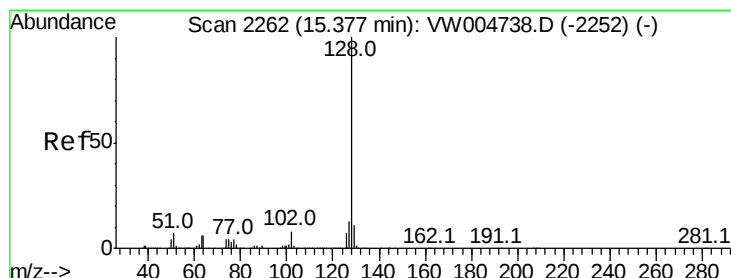
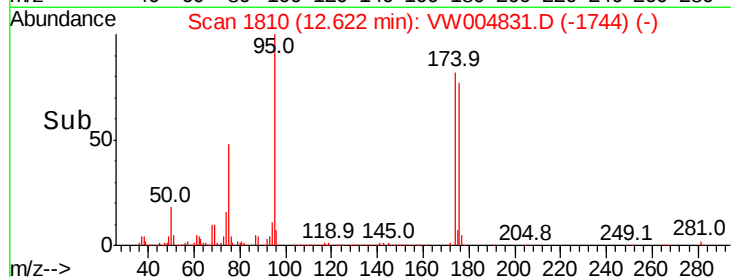
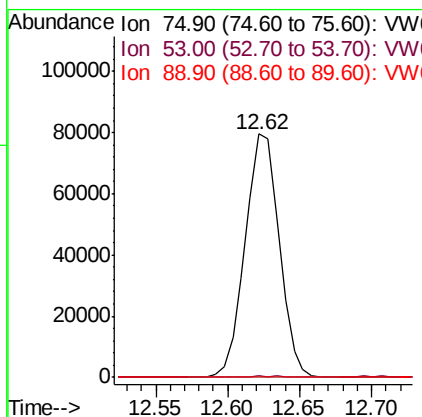
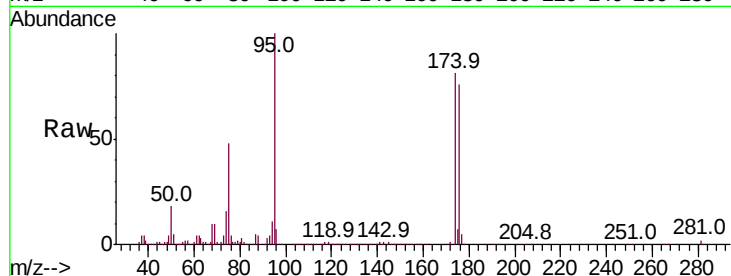




#81
trans-1,4-Dichloro-2-butene
Concen: 120.781 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 130359
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.895 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004831.D
Acq: 21 Aug 2018 10:08

Tgt Ion:128 Resp: 4891
Ion Ratio Lower Upper
128 100
127 28.3 10.4 15.6#
129 10.8 8.6 13.0

