

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013947.D
 Acq On : 08 Nov 2019 16:20
 Operator : SY/VA
 Sample : K5742-08
 Misc : 8.19G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-(6-8)

Quant Time: Nov 09 04:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172194	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	125491	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	126629	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	10.32	98	527317	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.62	95	167459	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

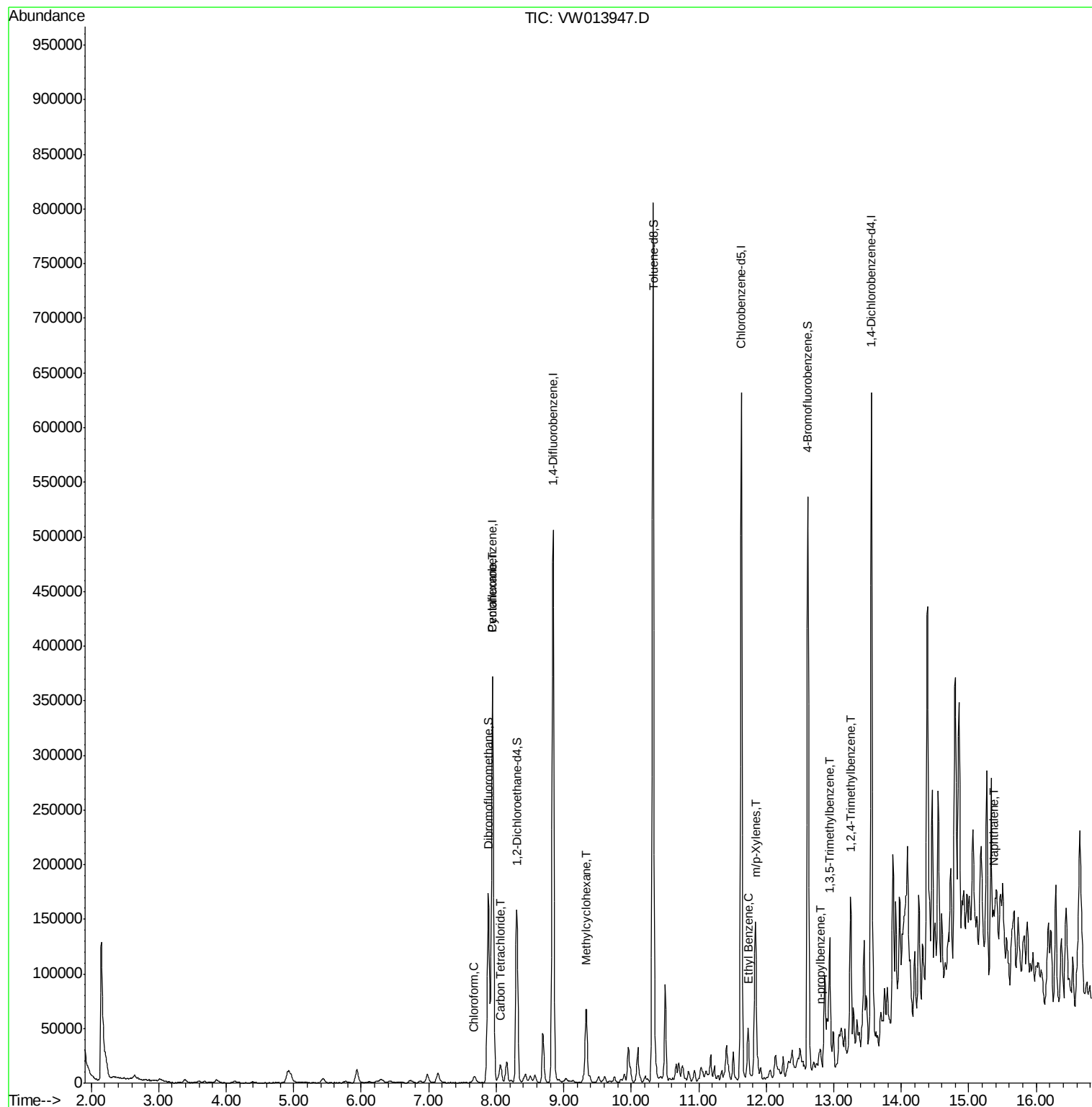
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.67	83	4913	1.028	ug/l	97
31) Cyclohexane	7.95	56	12912	2.552	ug/l #	59
38) Carbon Tetrachloride	8.07	117	11916	3.090	ug/l	92
39) Methylcyclohexane	9.33	83	27914	5.047	ug/l	94
67) Ethyl Benzene	11.73	91	31699	2.233	ug/l	99
68) m/p-Xylenes	11.84	106	32112	5.855	ug/l	100
78) n-propylbenzene	12.80	91	15097	1.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	28995	2.778	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	84512	8.207	ug/l	99
95) Naphthalene	15.36	128	36221	6.397	ug/l #	92

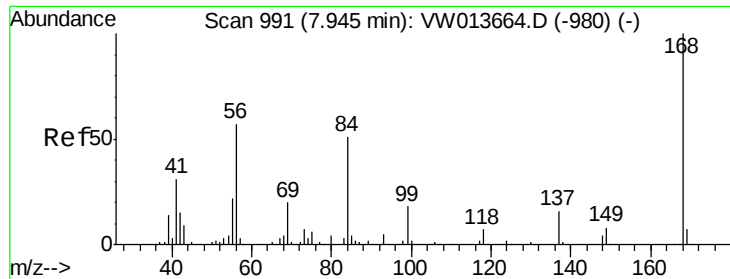
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
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SB-26-(6-8)

Quant Time: Nov 09 04:09:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

Instrument :

MSVOA_W

ClientSampleId :

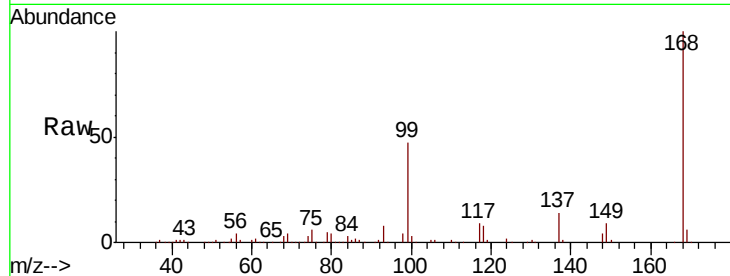
SB-26-(6-8)

Tot Ion:168 Resp: 303520

Ion Ratio Lower Upper

168 100

99 47.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

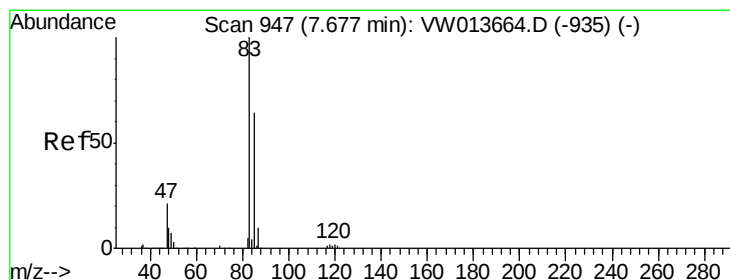
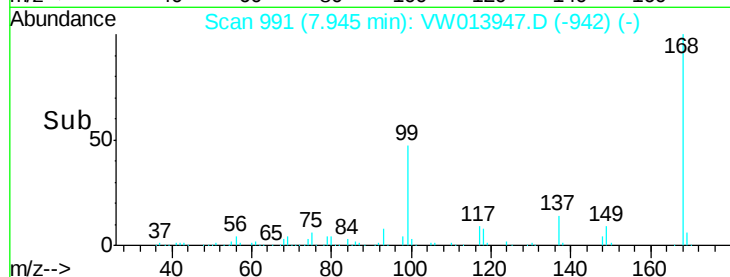
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#30

Chloroform

Concen: 1.028 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW013947.D

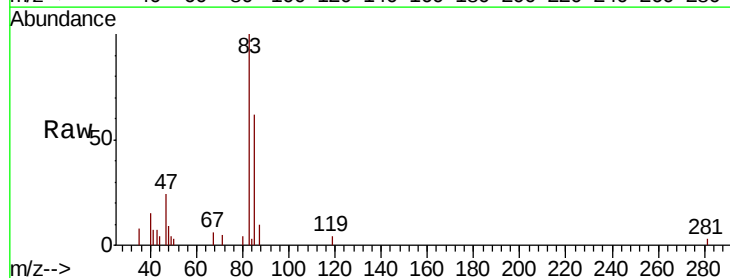
Acq: 08 Nov 2019 16:20

Tgt Ion: 83 Resp: 4913

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

7.67

2500

2000

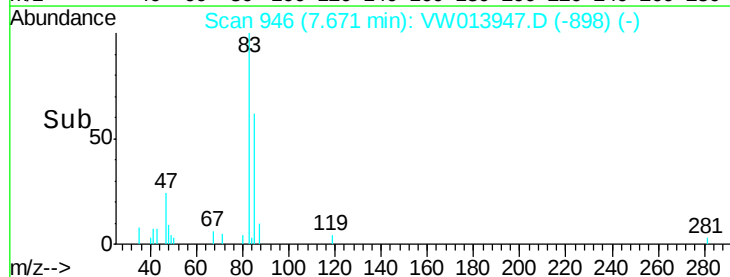
1500

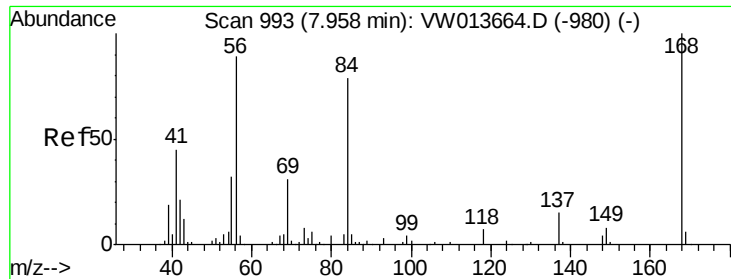
1000

500

0

Time--> 7.55 7.60 7.65 7.70 7.75

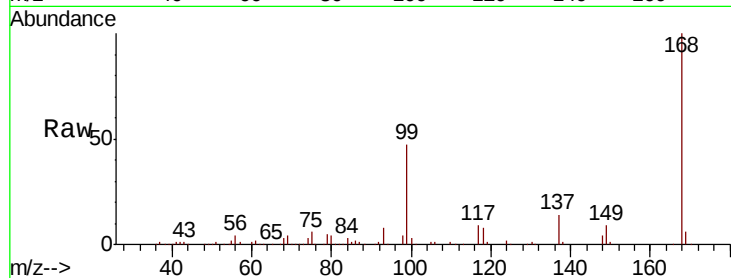




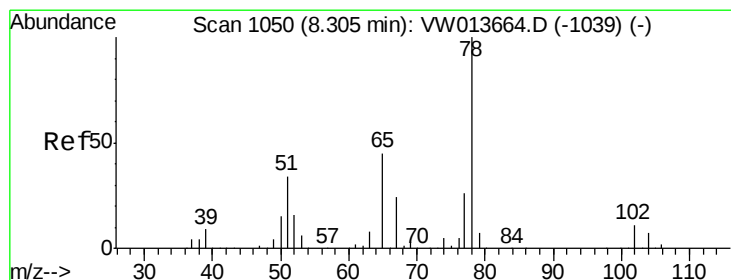
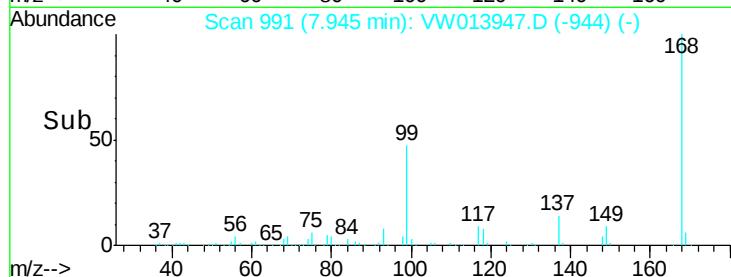
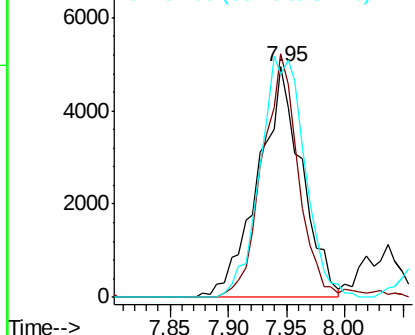
#31
Cyclohexane
Concen: 2.552 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

Tot Ion: 56 Resp: 12912
Ion Ratio Lower Upper
56 100
69 105.6 27.5 41.3#
84 96.8 70.8 106.2

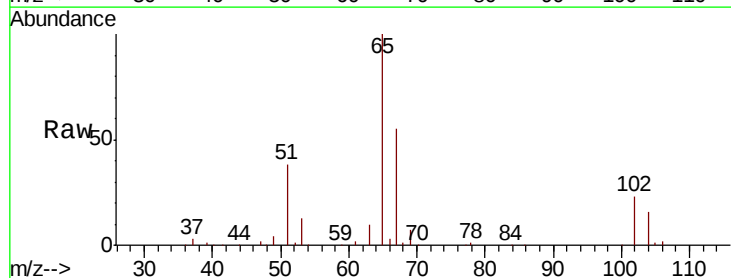


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

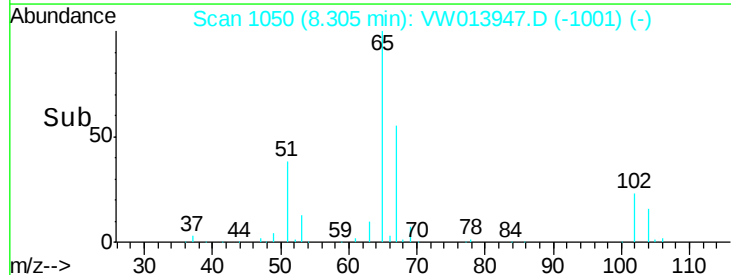
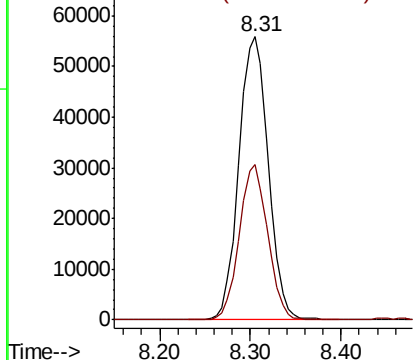


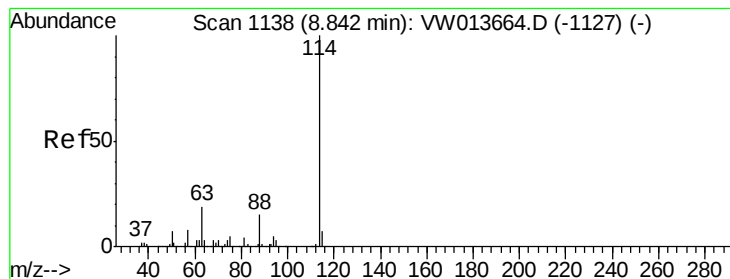
#33
1,2-Dichloroethane-d4
Concen: 55.115 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

Tgt Ion: 65 Resp: 125491
Ion Ratio Lower Upper
65 100
67 53.0 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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

Instrument :

MSVOA_W

ClientSampleId :

SB-26-(6-8)

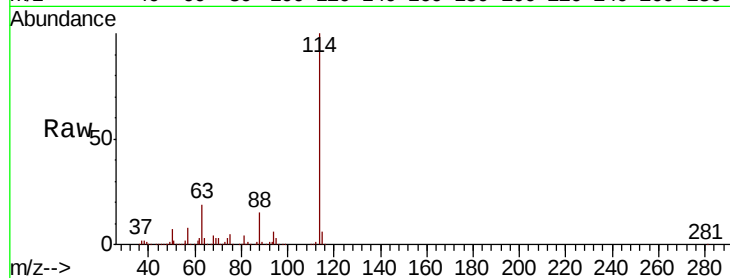
Tot Ion:114 Resp: 459827

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

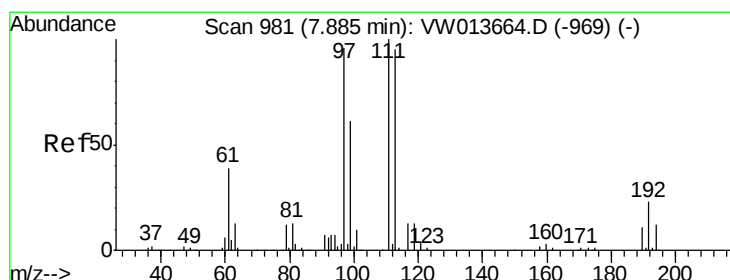
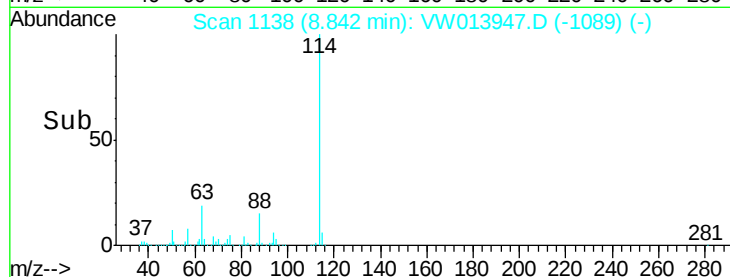
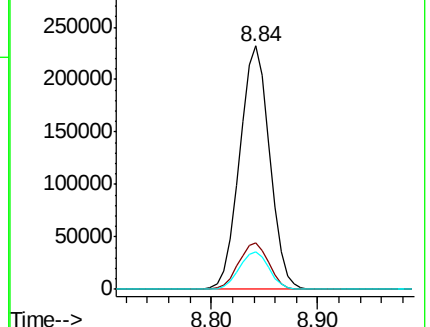
88 15.2 0.0 30.2



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: 49.560 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

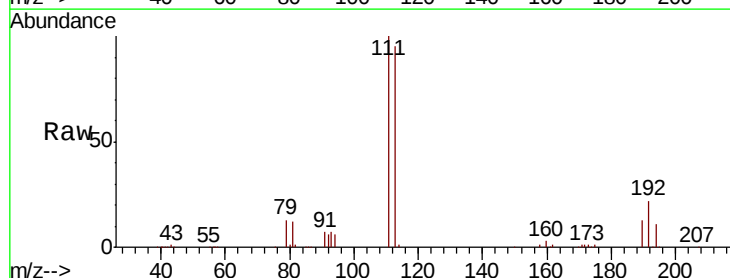
Tgt Ion:113 Resp: 126629

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

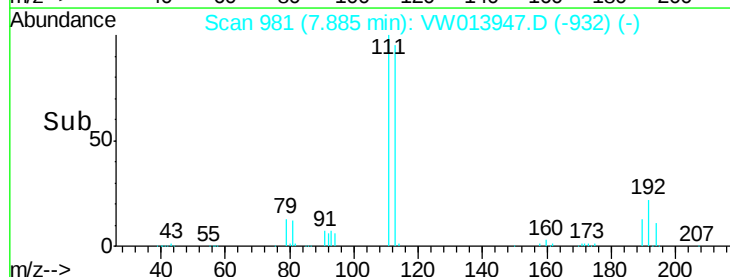
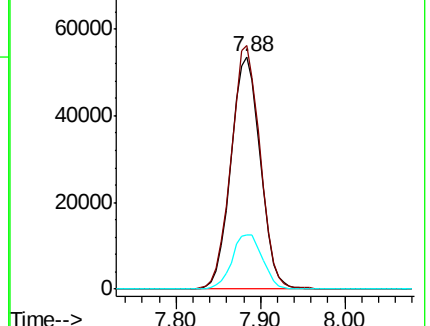
192 24.2 19.4 29.2

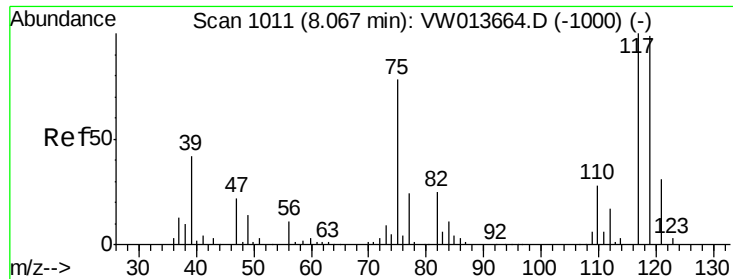


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

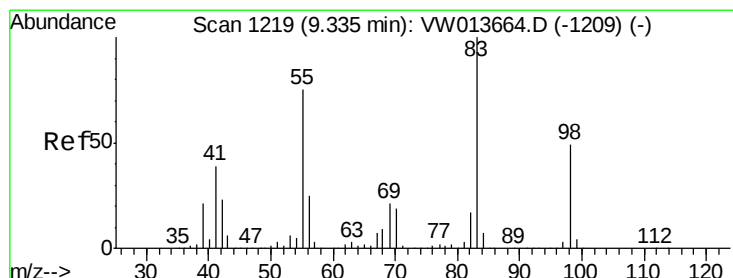
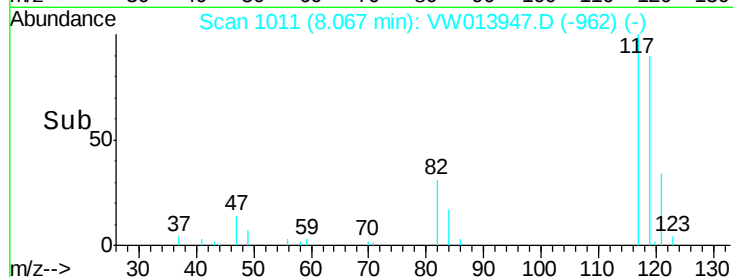
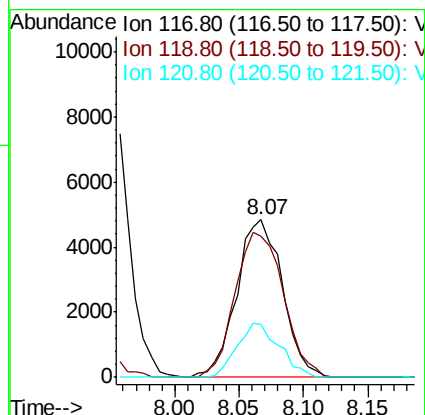
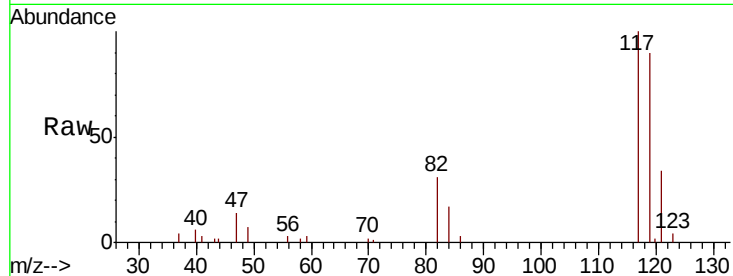




#38
Carbon Tetrachloride
Concen: 3.090 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

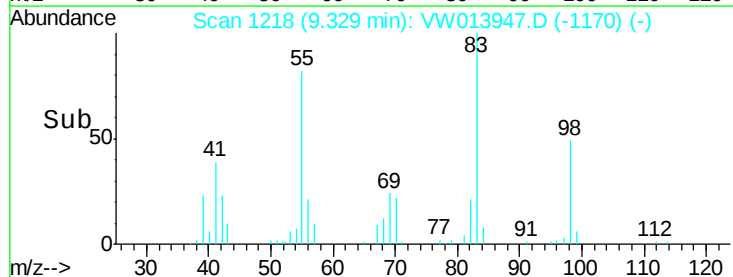
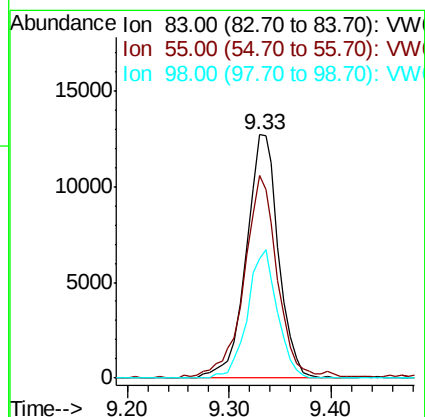
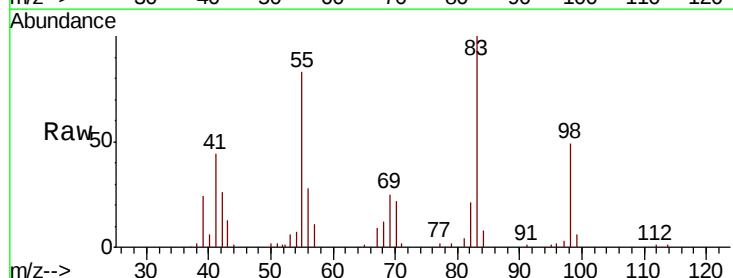
Instrument :
MSVOA_W
ClientSampled :
SB-26-(6-8)

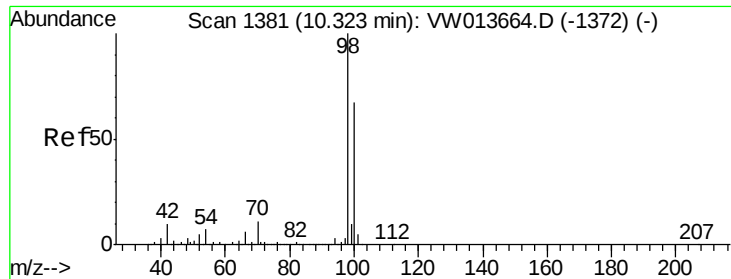
Tot Ion:117 Resp: 11916
Ion Ratio Lower Upper
117 100
119 89.7 79.0 118.4
121 33.5 24.5 36.7



#39
Methylcyclohexane
Concen: 5.047 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

Tgt Ion: 83 Resp: 27914
Ion Ratio Lower Upper
83 100
55 82.9 59.9 89.9
98 49.3 39.4 59.2





#50

Toluene-d8

Concen: 50.649 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

Instrument :

MSVOA_W

ClientSampleId :

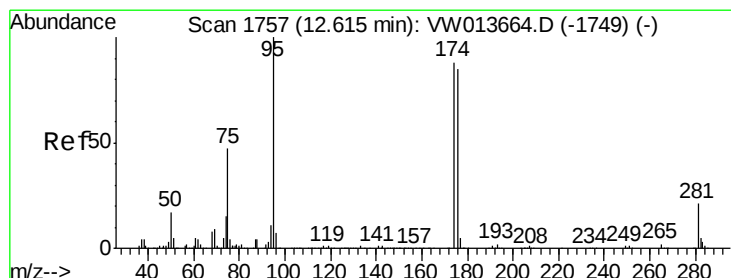
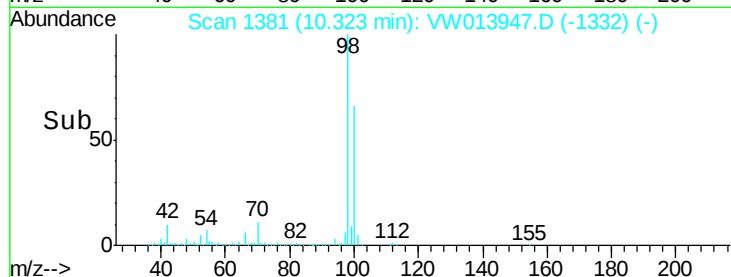
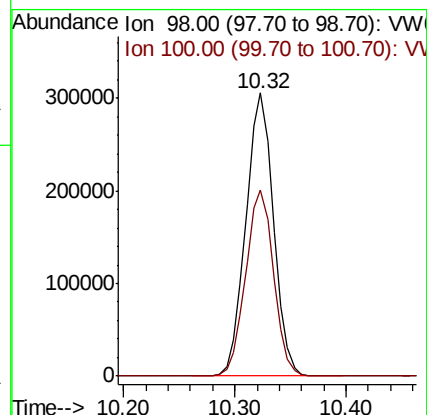
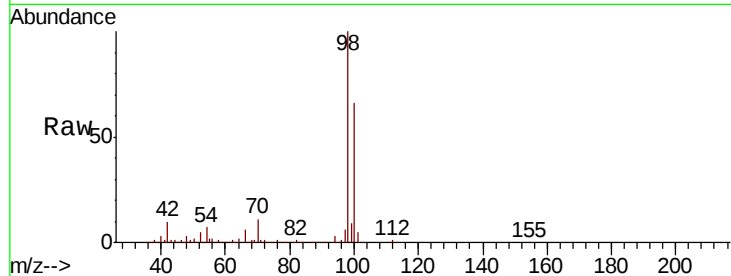
SB-26-(6-8)

Tot Ion: 98 Resp: 527317

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 47.503 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

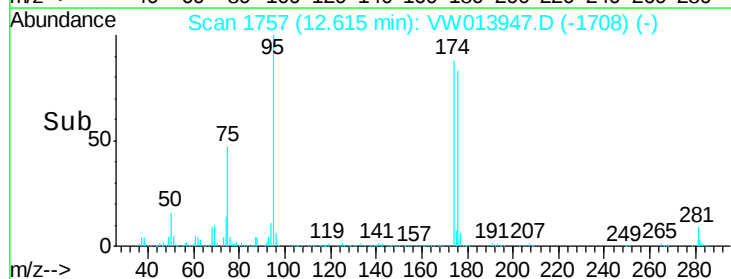
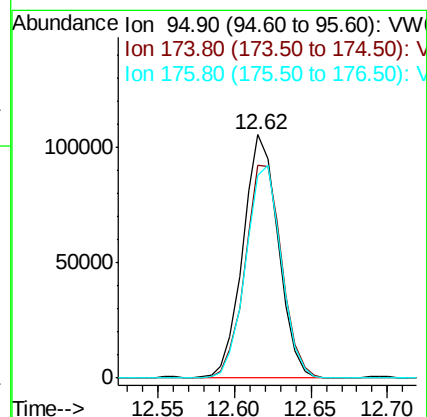
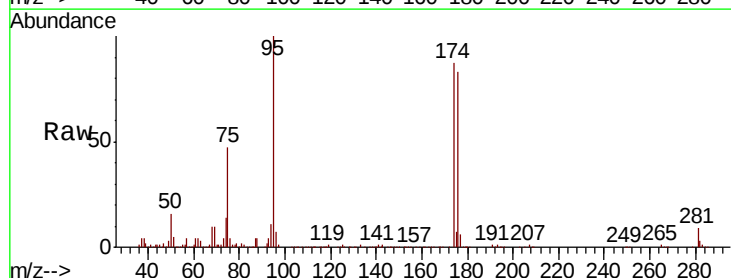
Tgt Ion: 95 Resp: 167459

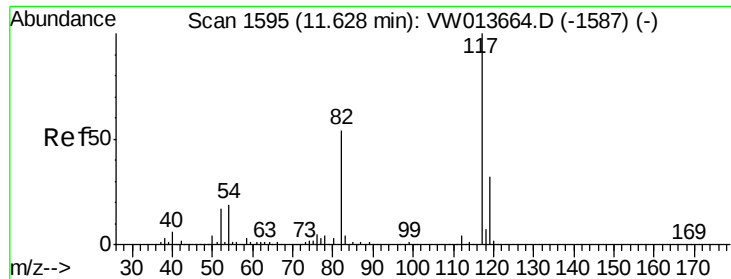
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.6

176 88.6 0.0 178.0

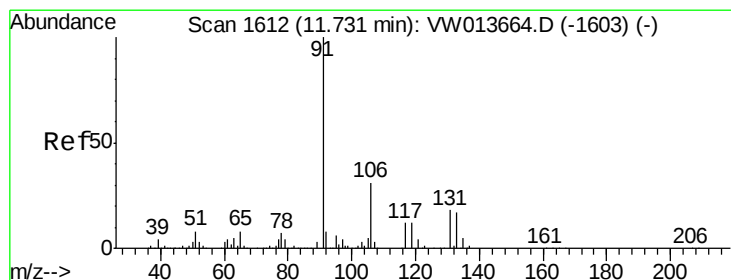
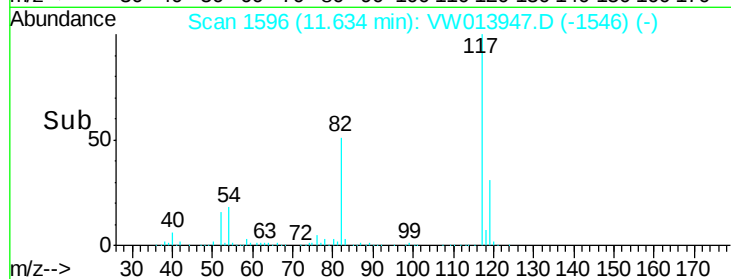
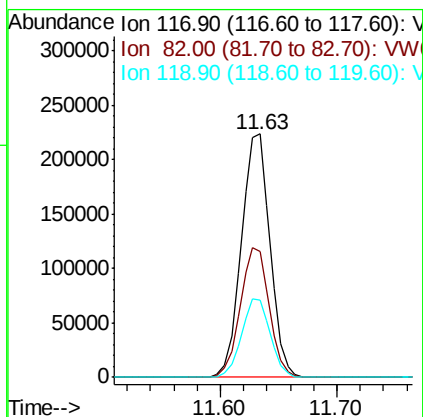
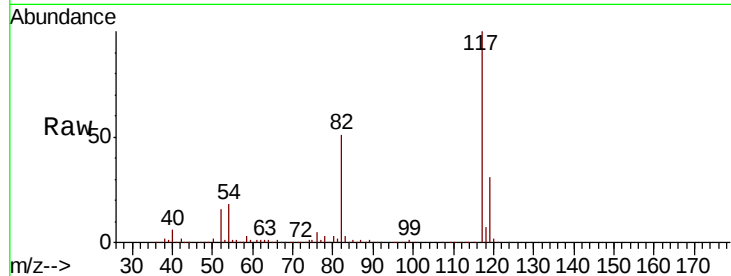




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

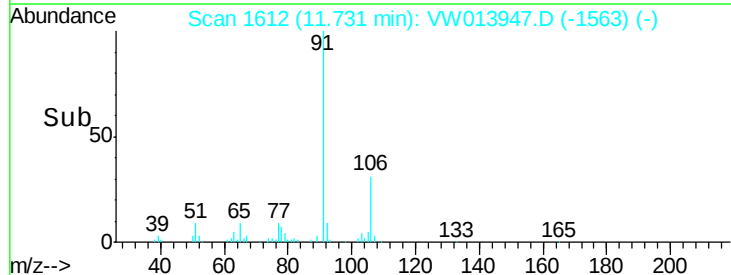
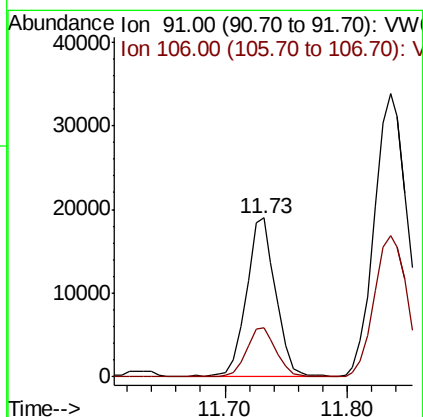
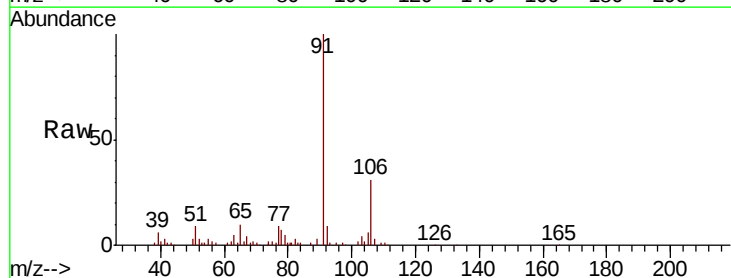
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SB-26-(6-8)

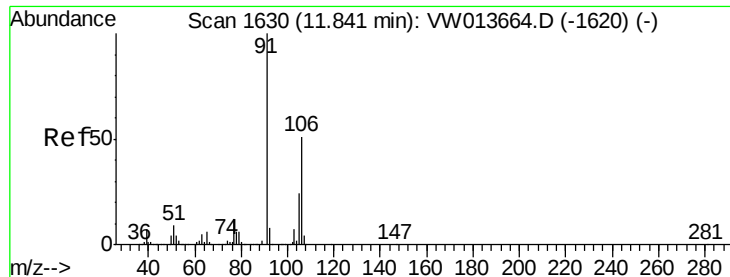
Tot Ion:117 Resp: 383123
Ion Ratio Lower Upper
117 100
82 51.4 43.6 65.4
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 2.233 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

Tgt Ion: 91 Resp: 31699
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

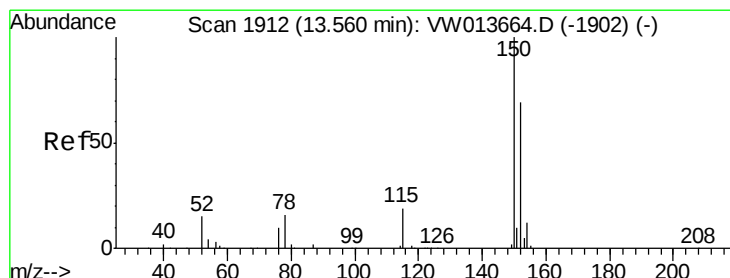
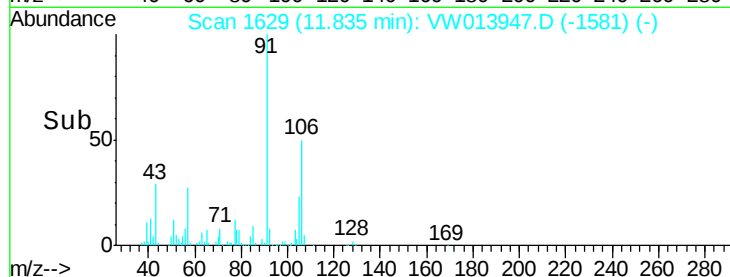
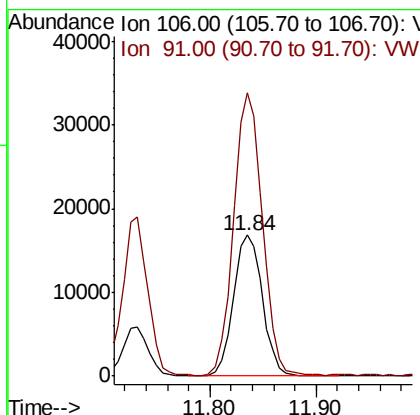
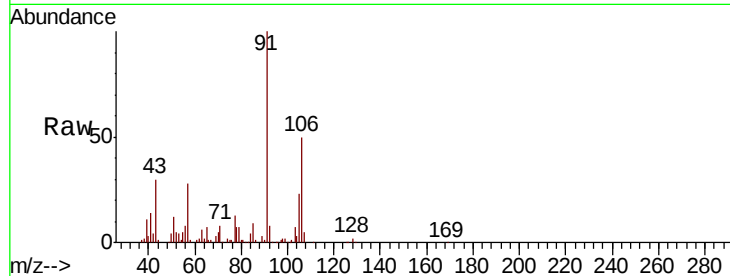




#68
m/p-Xvlenes
Concen: 5.855 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

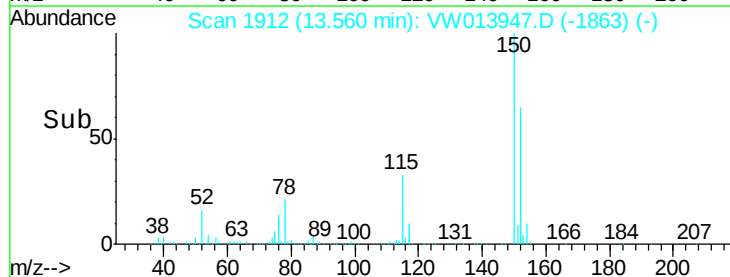
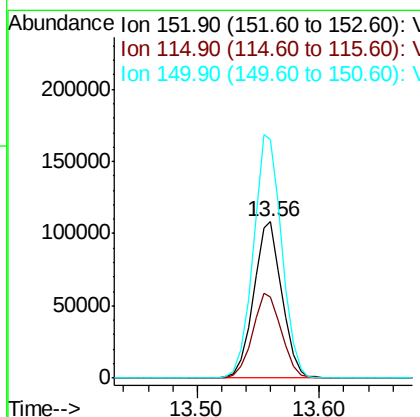
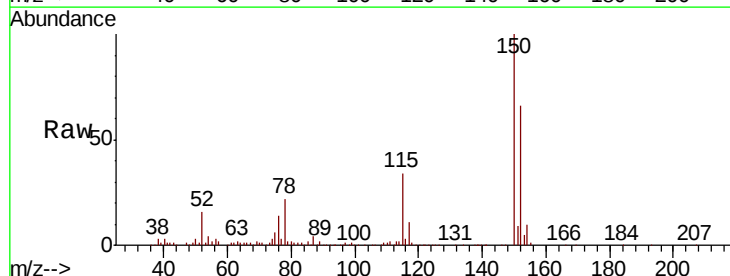
Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

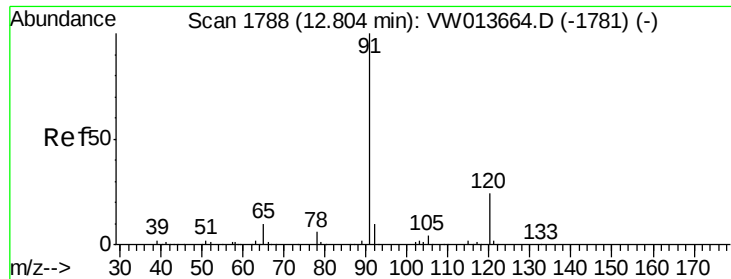
Tot Ion:106 Resp: 32112
Ion Ratio Lower Upper
106 100
91 198.5 159.2 238.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013947.D
Acq: 08 Nov 2019 16:20

Tgt Ion:152 Resp: 172194
Ion Ratio Lower Upper
152 100
115 55.9 27.4 82.2
150 157.9 0.0 345.4





#78

n-propylbenzene

Concen: 1.055 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013947.D

Acq: 08 Nov 2019 16:20

Instrument :

MSVOA_W

ClientSampled :

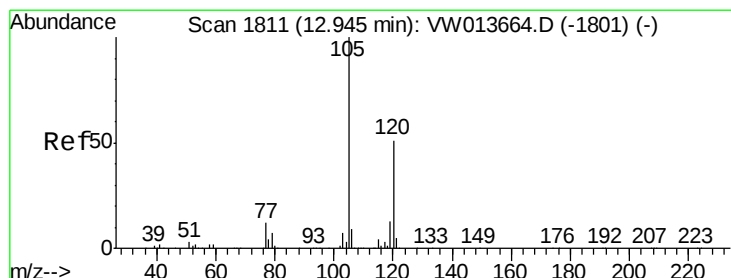
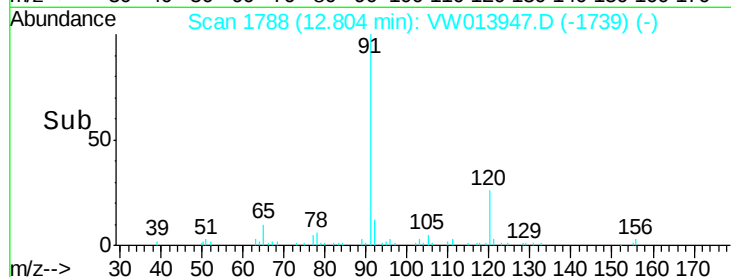
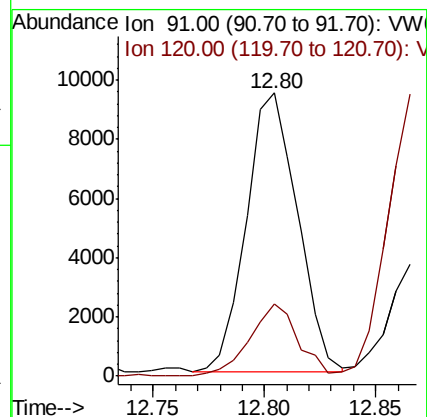
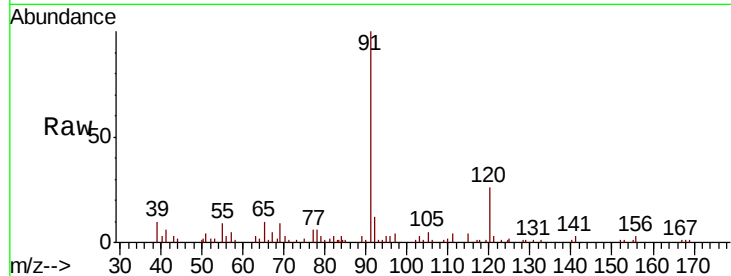
SB-26-(6-8)

Tot Ion: 91 Resp: 15097

Ion Ratio Lower Upper

91 100

120 24.5 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 2.778 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013947.D

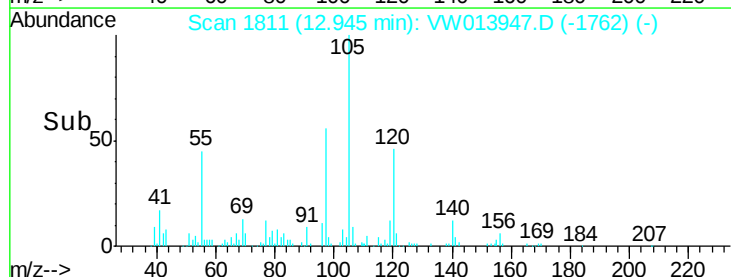
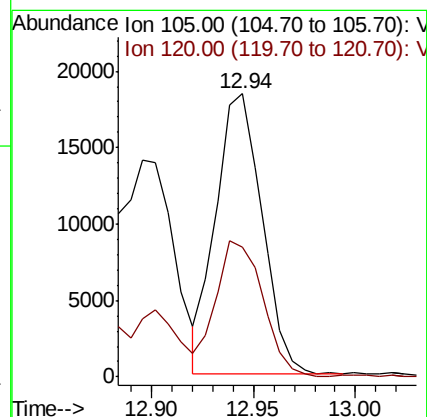
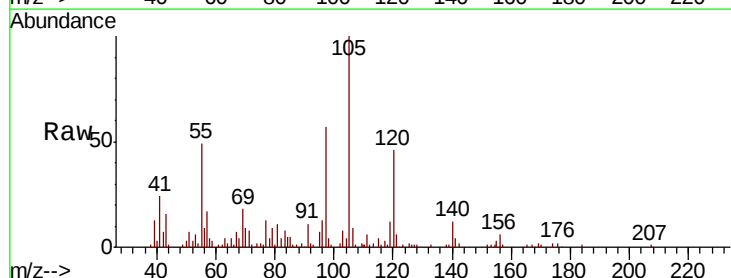
Acq: 08 Nov 2019 16:20

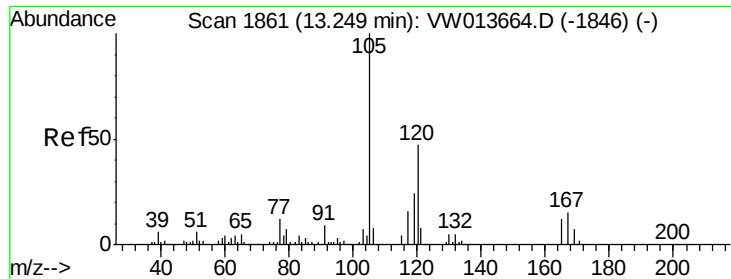
Tgt Ion:105 Resp: 28995

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.3

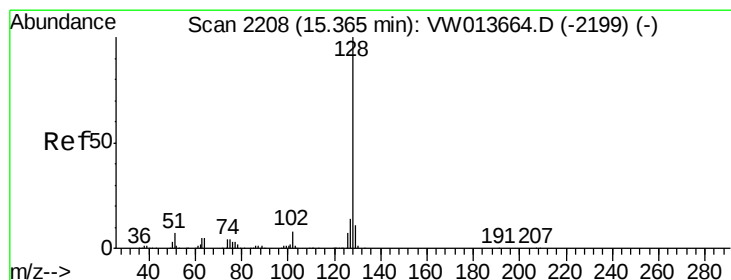
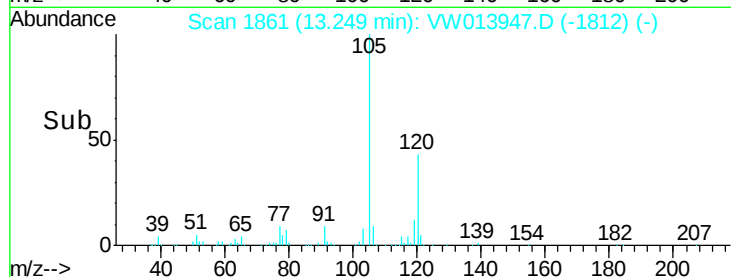
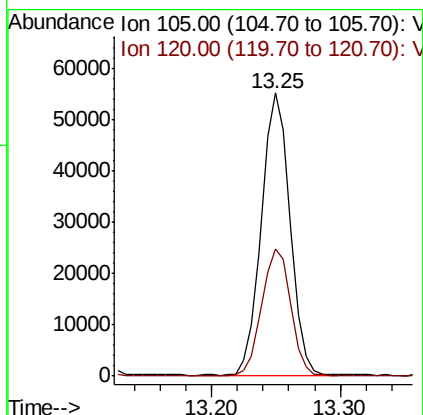
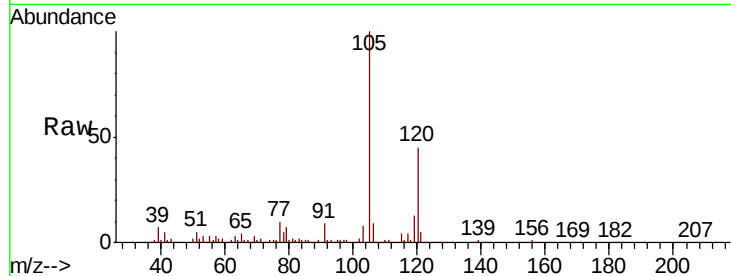




#84
 1,2,4-Trimethylbenzene
 Concen: 8.207 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013947.D
 Acq: 08 Nov 2019 16:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-(6-8)

Tot Ion:105 Resp: 84512
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.5 70.5



#95
 Naphthalene
 Concen: 6.397 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013947.D
 Acq: 08 Nov 2019 16:20

Tgt Ion:128 Resp: 36221
 Ion Ratio Lower Upper
 128 100
 127 18.0 10.6 15.8#
 129 12.0 8.7 13.1

