

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002535.D
 Acq On : 15 May 2018 02:16
 Operator : JC/SY
 Sample : J2708-01
 Misc : 6.48G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-20(7.5-8)

Quant Time: May 15 08:07:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

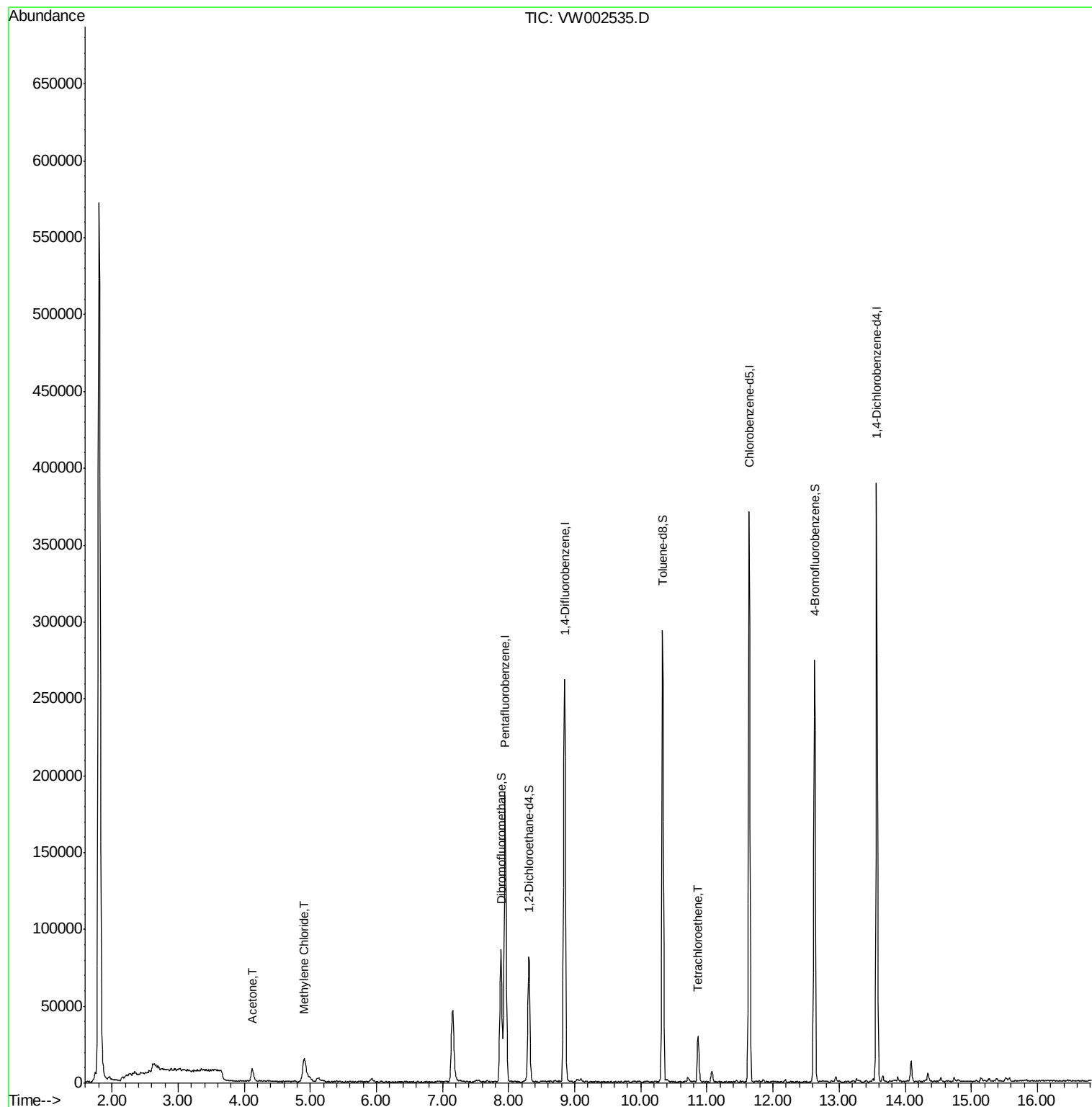
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	222814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	201990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	102205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64283	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	7.88	113	58639	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
50) Toluene-d8	10.33	98	193857	36.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.10%	
62) 4-Bromofluorobenzene	12.63	95	72758	37.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.00%	
Target Compounds						
16) Acetone	4.12	43	14475	45.30	ug/l	91
20) Methylene Chloride	4.91	84	14084	8.81	ug/l	96
64) Tetrachloroethene	10.87	164	6593	4.63	ug/l	95

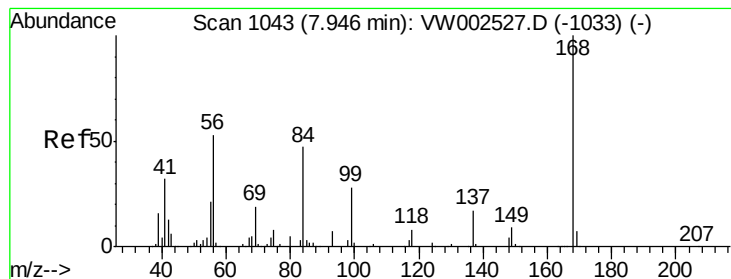
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_W

ClientSampleId :

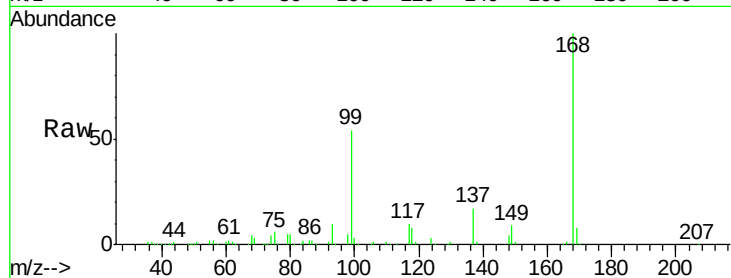
SB-20(7.5-8)

Tot Ion:168 Resp: 146474

Ion Ratio Lower Upper

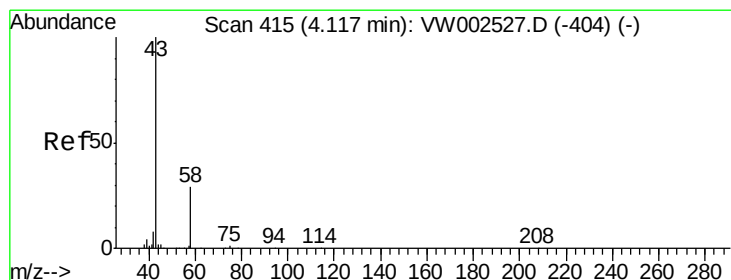
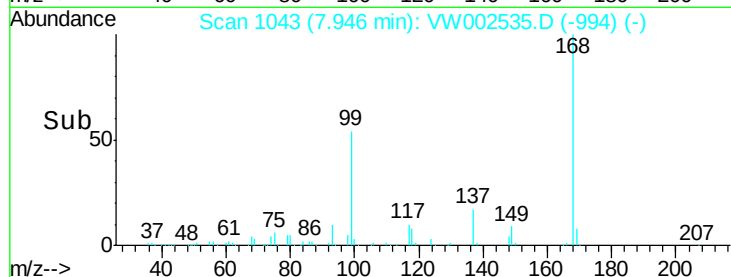
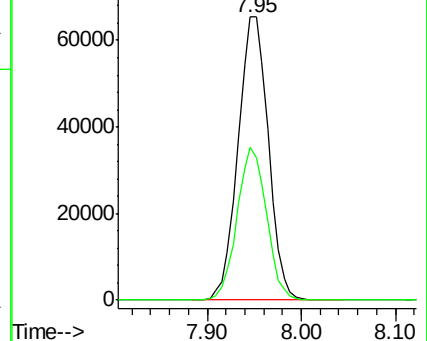
168 100

99 53.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 45.30 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002535.D

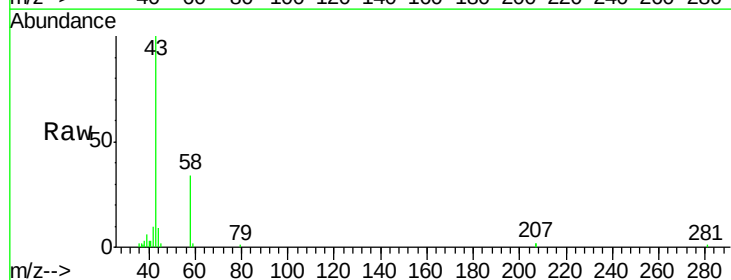
Acq: 15 May 2018 02:16

Tgt Ion: 43 Resp: 14475

Ion Ratio Lower Upper

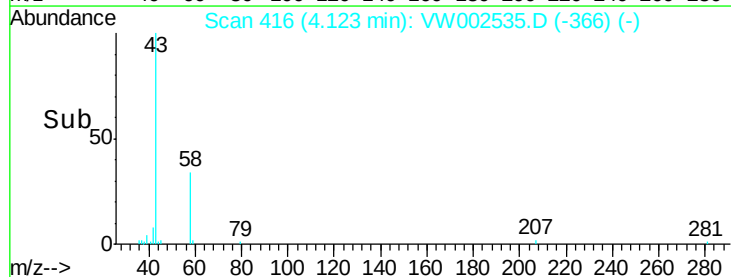
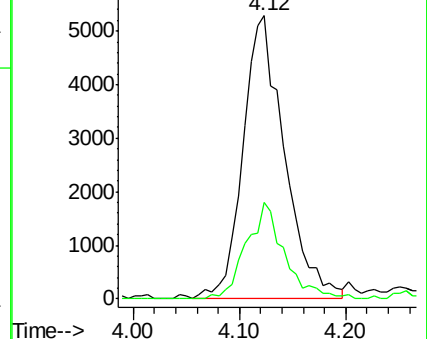
43 100

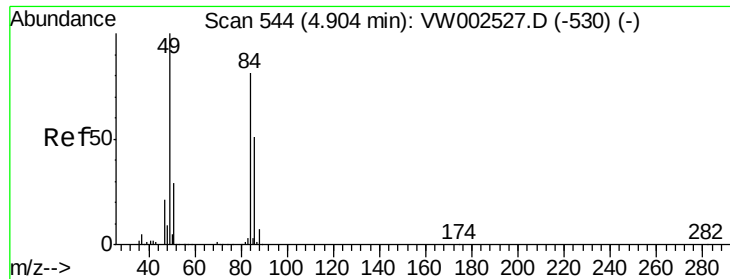
58 34.1 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

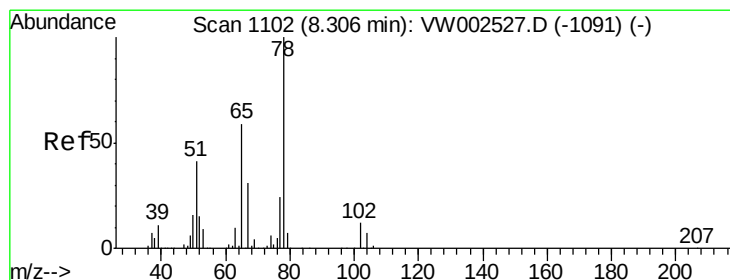
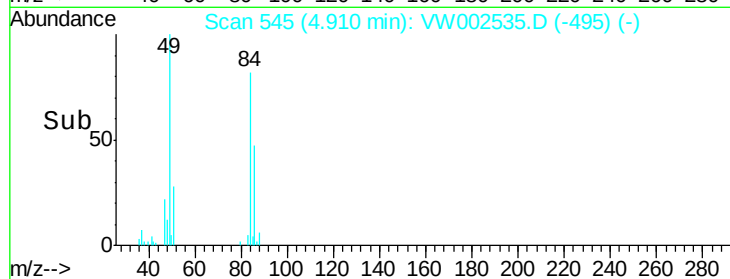
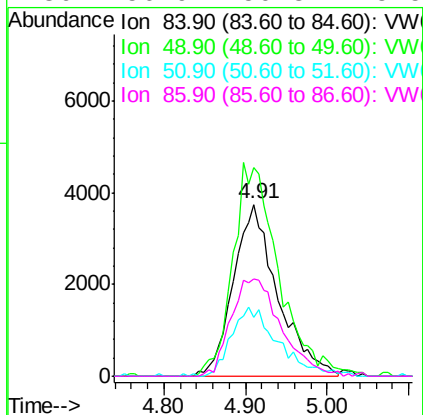
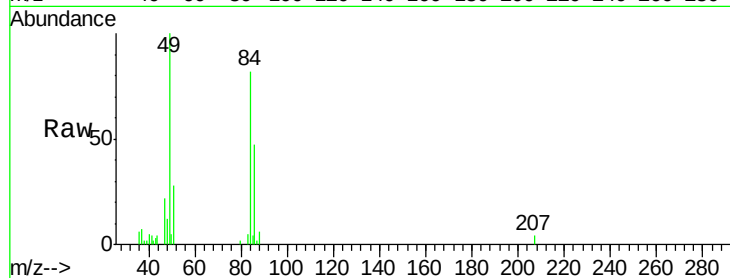




#20
Methylene Chloride
Concen: 8.81 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002535.D
Acq: 15 May 2018 02:16

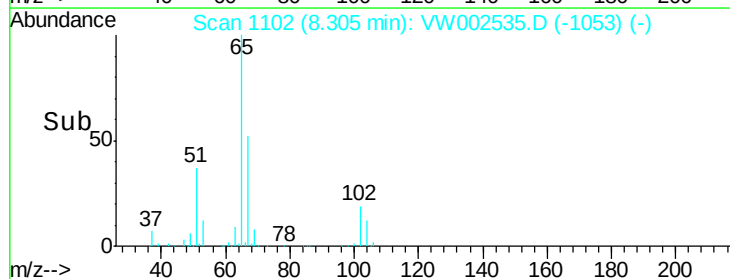
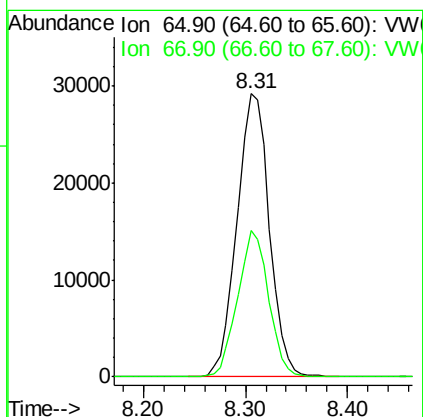
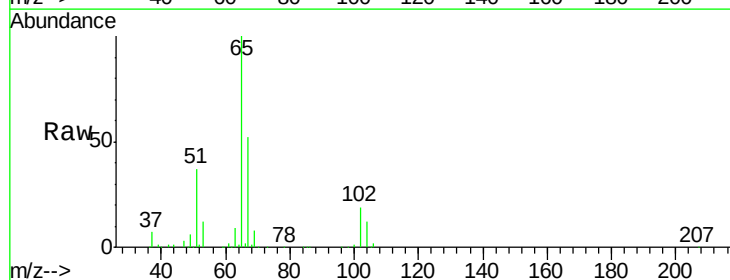
Instrument :
MSVOA_W
ClientSampled :
SB-20(7.5-8)

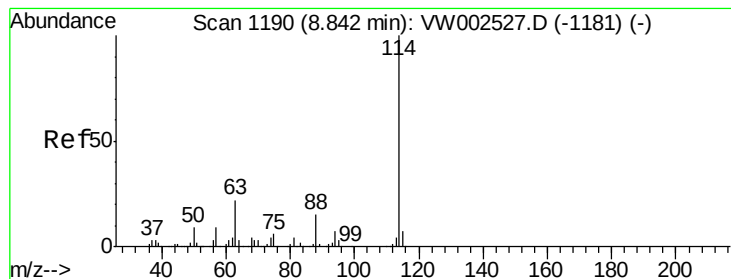
Tot Ion: 84 Resp: 14084
Ion Ratio Lower Upper
84 100
49 121.7 99.4 149.0
51 34.0 29.0 43.6
86 56.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 42.47 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002535.D
Acq: 15 May 2018 02:16

Tgt Ion: 65 Resp: 64283
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_W

ClientSampleId :

SB-20(7.5-8)

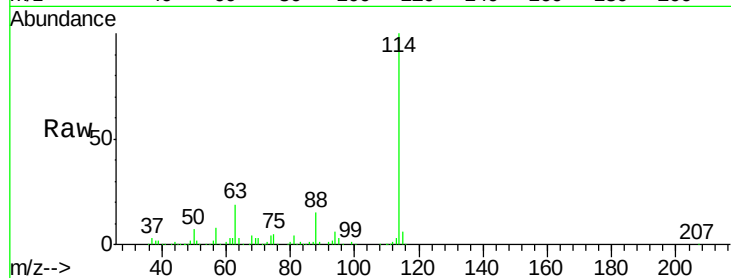
Tot Ion:114 Resp: 222814

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

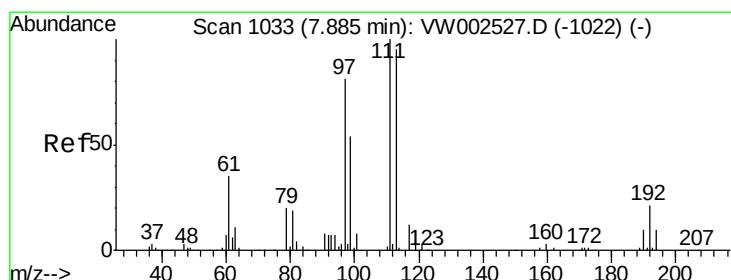
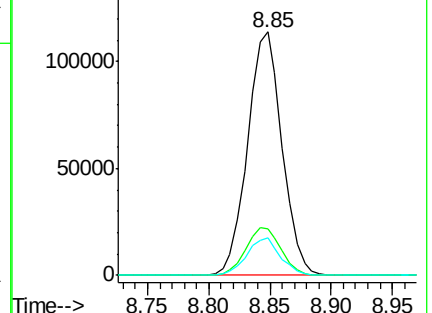
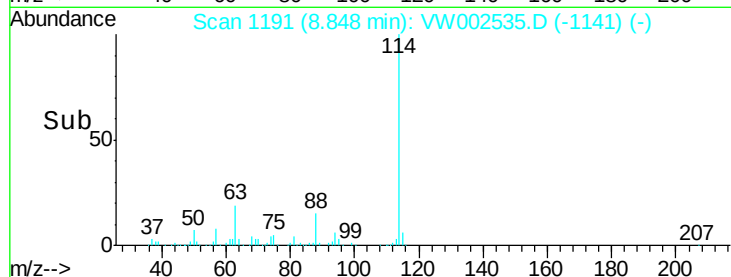
88 15.3 0.0 29.2



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: 41.48 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

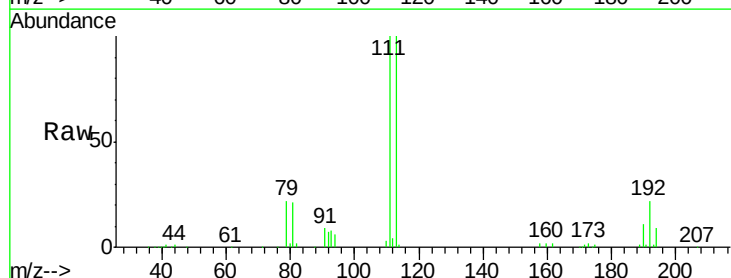
Tgt Ion:113 Resp: 58639

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

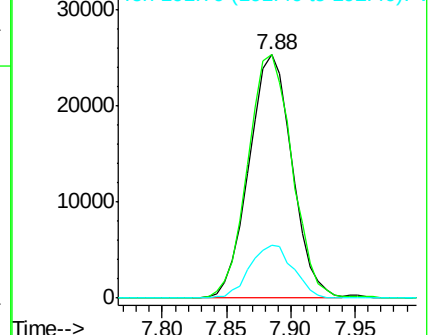
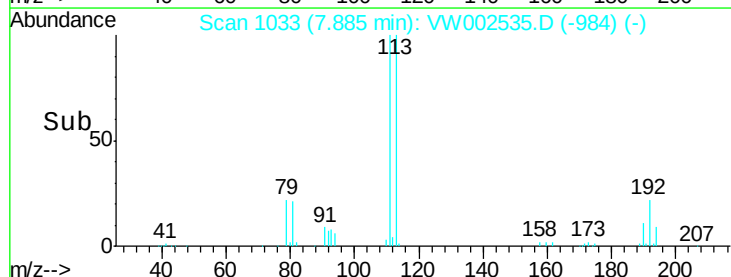
192 22.1 17.5 26.3

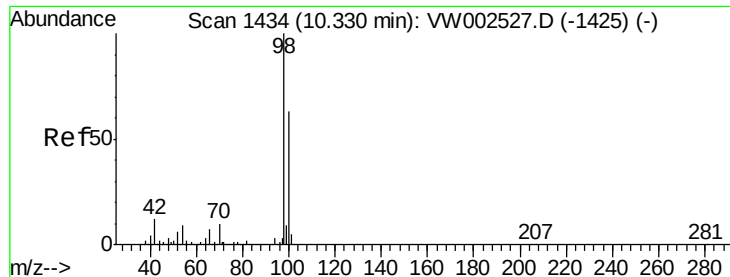


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.05 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_W

ClientSampleId :

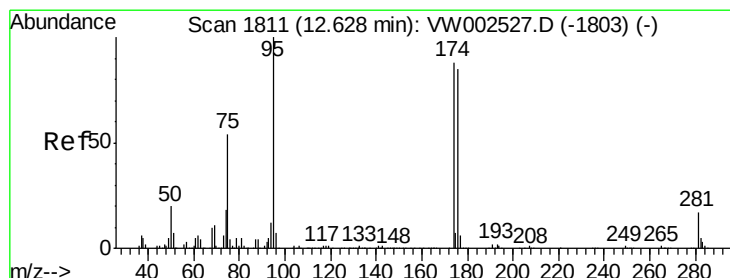
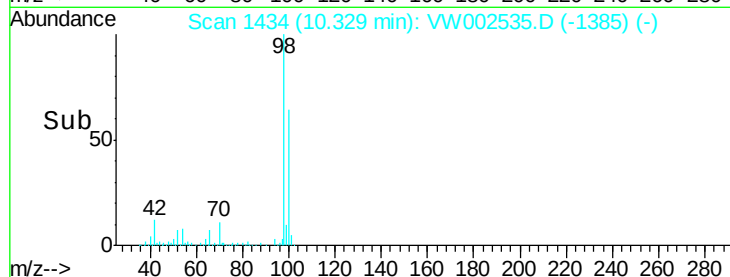
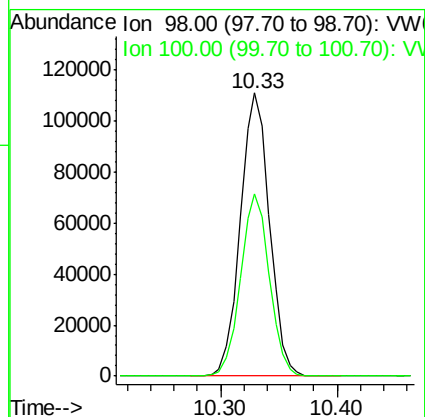
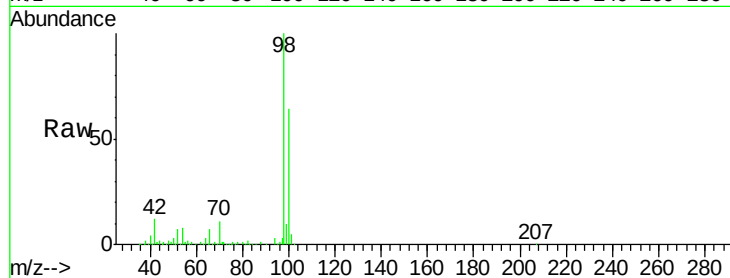
SB-20(7.5-8)

Tot Ion: 98 Resp: 193857

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 37.00 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

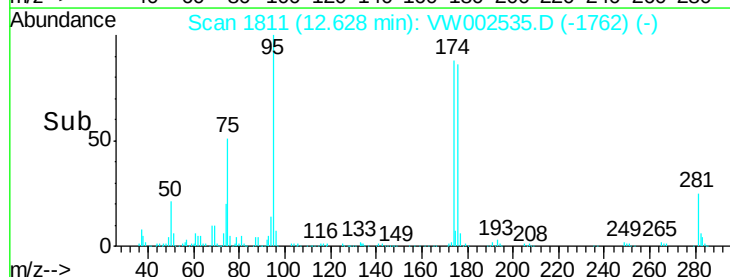
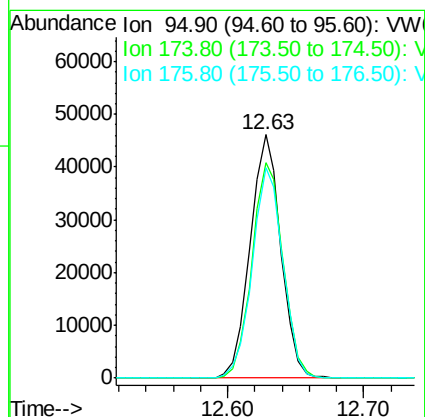
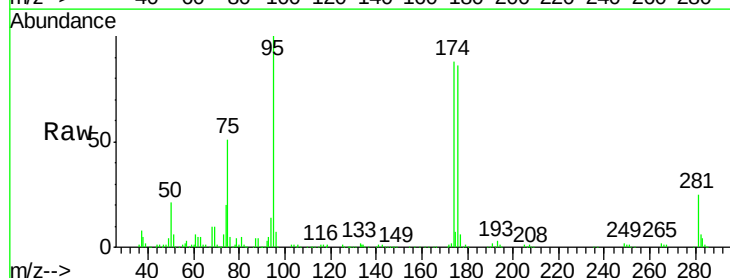
Tgt Ion: 95 Resp: 72758

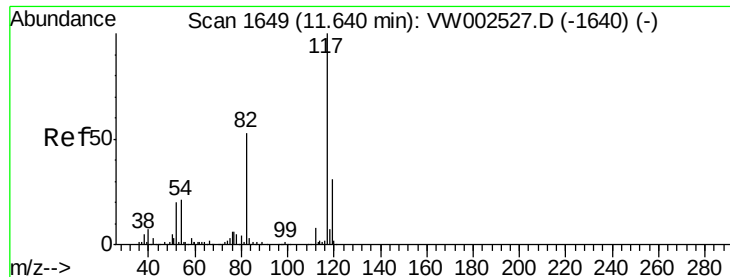
Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.6

176 86.8 0.0 172.2

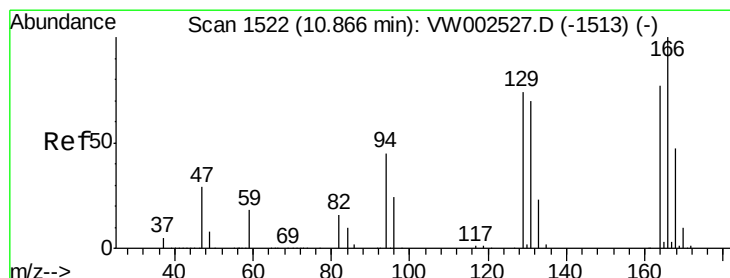
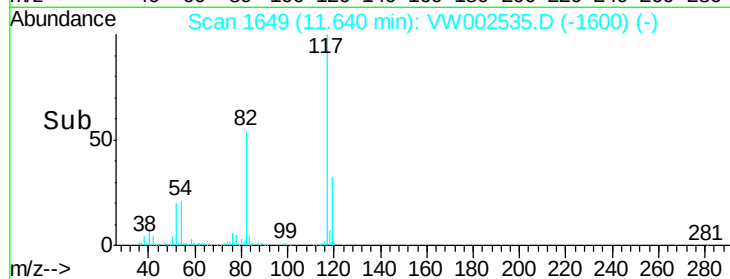
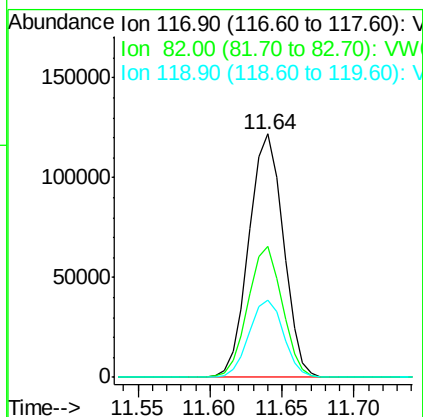
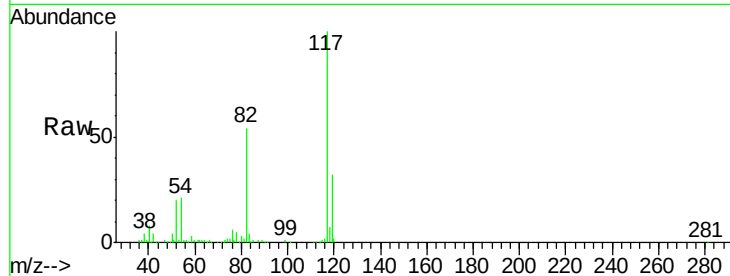




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002535.D
Acq: 15 May 2018 02:16

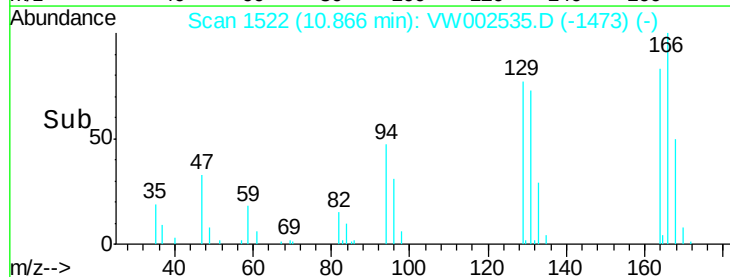
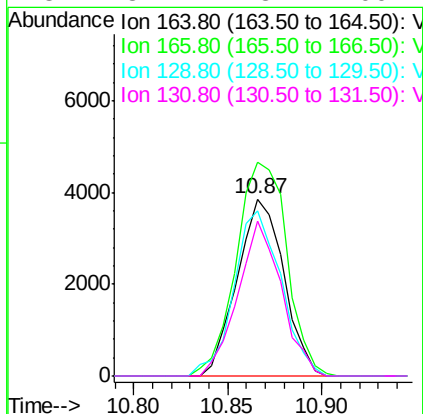
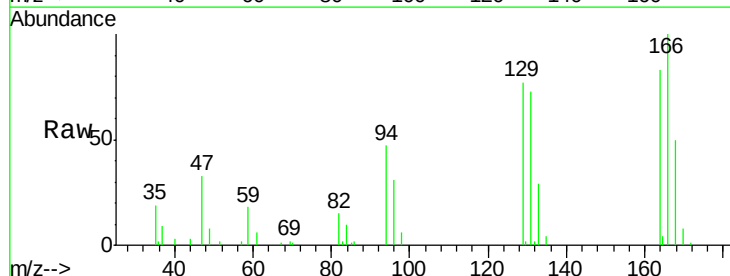
Instrument :
MSVOA_W
ClientSampleId :
SB-20(7.5-8)

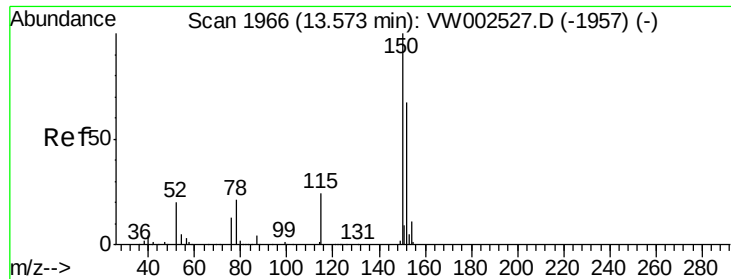
Tot Ion:117 Resp: 201990
Ion Ratio Lower Upper
117 100
82 54.0 42.6 64.0
119 31.9 25.0 37.6



#64
Tetrachloroethene
Concen: 4.63 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002535.D
Acq: 15 May 2018 02:16

Tgt Ion:164 Resp: 6593
Ion Ratio Lower Upper
164 100
166 120.6 104.2 156.2
129 93.3 77.0 115.4
131 87.7 73.1 109.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002535.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_W

ClientSampleId :

SB-20(7.5-8)

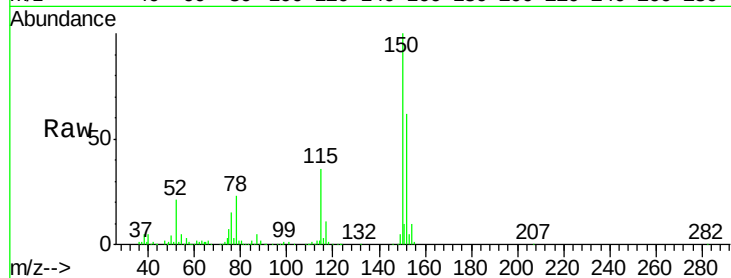
Tot Ion:152 Resp: 102205

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 159.1 0.0 345.4



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

