

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004826.D
 Acq On : 21 Aug 2018 08:00
 Operator : SY/AP
 Sample : J4521-28RE
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-27245RE

Quant Time: Aug 21 08:30:56 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	443285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	683609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	424492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98424	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	252978	59.03	ug/l	0.00
Spiked Amount			Recovery	=	118.06%	
35) Dibromofluoromethane	7.89	113	250773	57.40	ug/l	0.00
Spiked Amount			Recovery	=	114.80%	
50) Toluene-d8	10.33	98	518783	30.42	ug/l	0.00
Spiked Amount			Recovery	=	60.84%	
62) 4-Bromofluorobenzene	12.63	95	136132	22.19	ug/l	0.00
Spiked Amount			Recovery	=	44.38%	

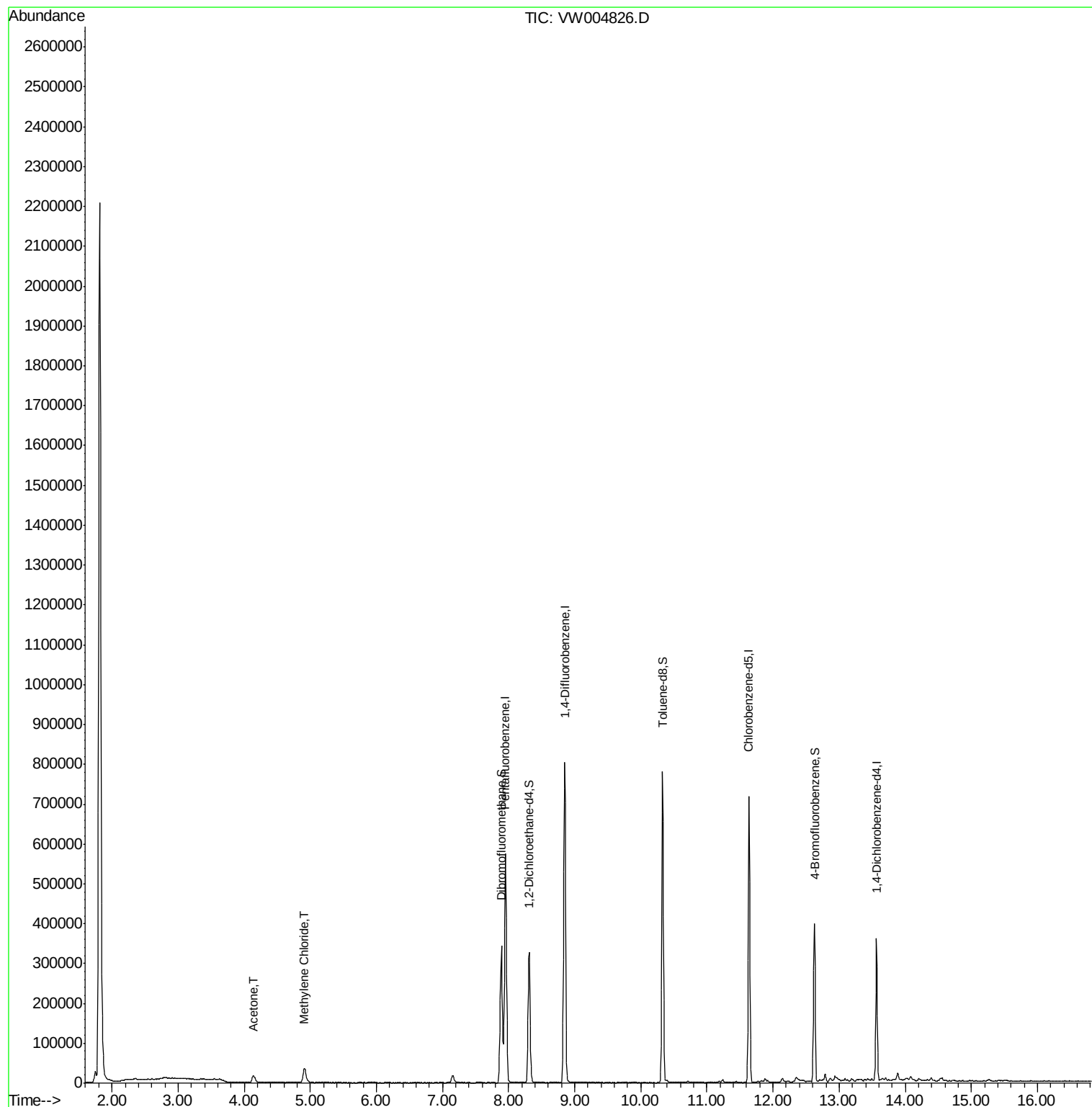
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	33786	30.88	ug/l	98
20) Methylene Chloride	4.91	84	29977	1.84	ug/l	98

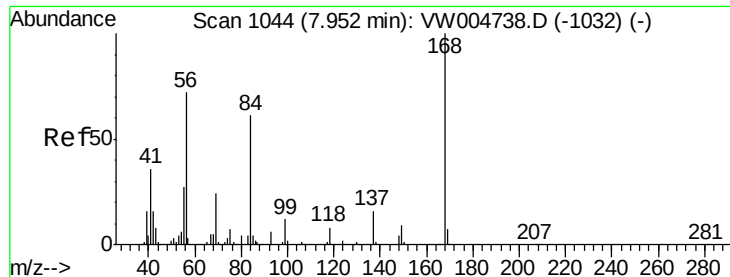
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004826.D

Acq: 21 Aug 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

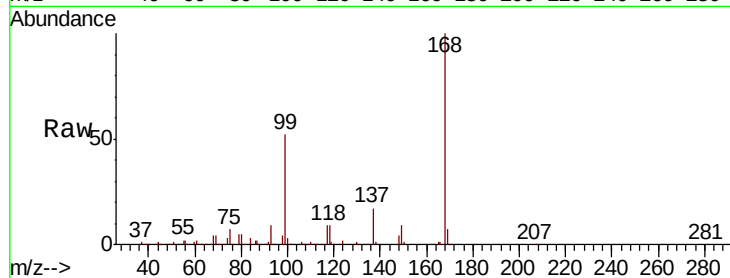
CHRT-27245RE

Tot Ion:168 Resp: 443285

Ion Ratio Lower Upper

168 100

99 51.8 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

200000

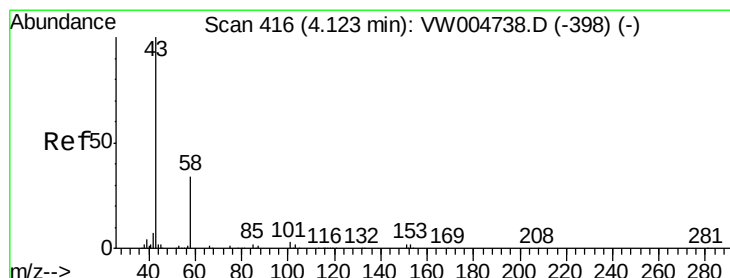
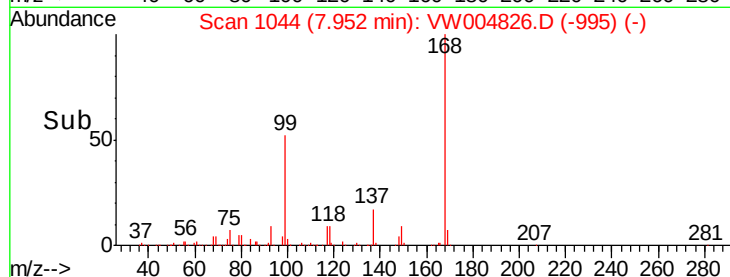
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 30.88 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004826.D

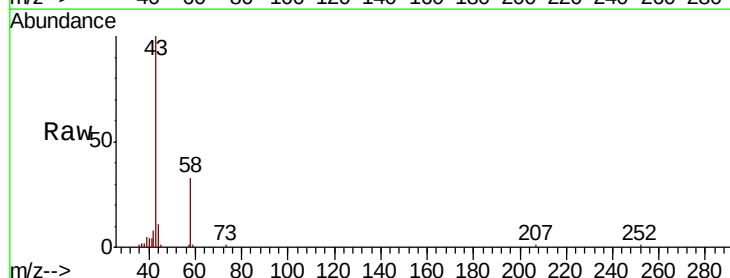
Acq: 21 Aug 2018 08:00

Tgt Ion: 43 Resp: 33786

Ion Ratio Lower Upper

43 100

58 33.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

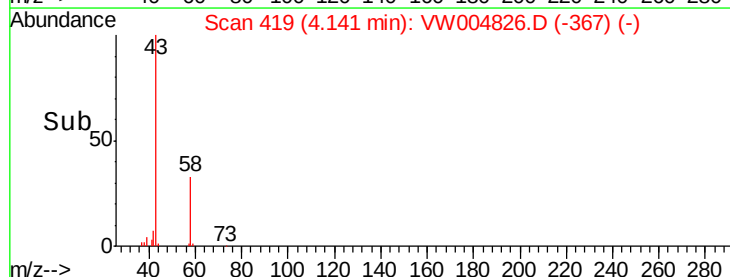
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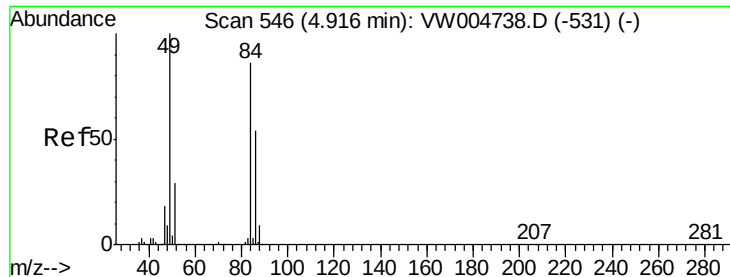
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2000

0

Time-->

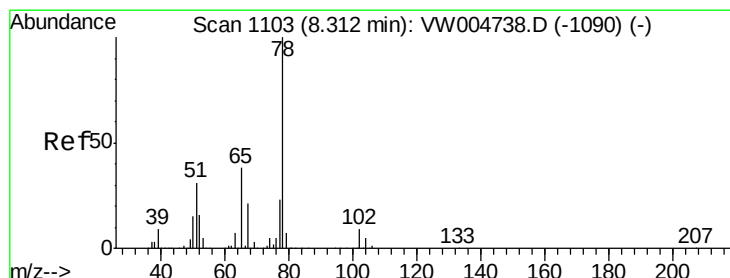
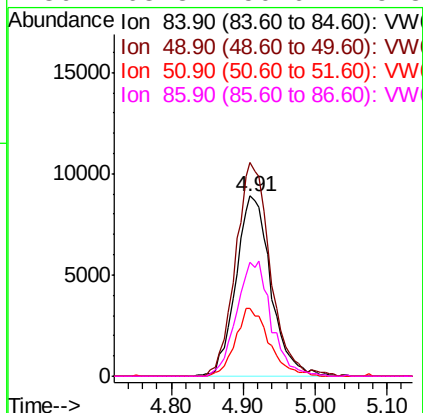
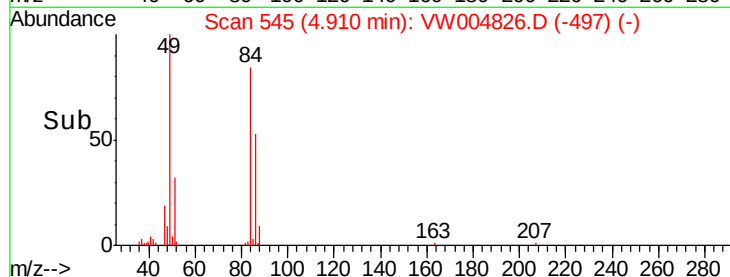
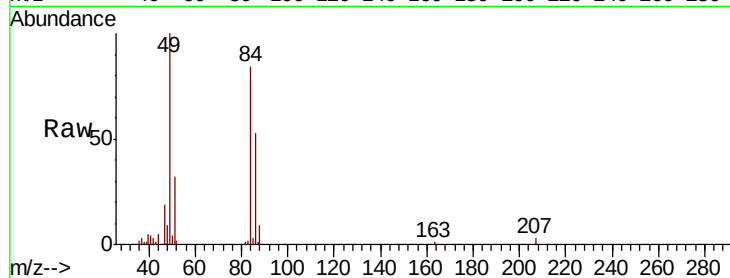




#20
Methylene Chloride
Concen: 1.84 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

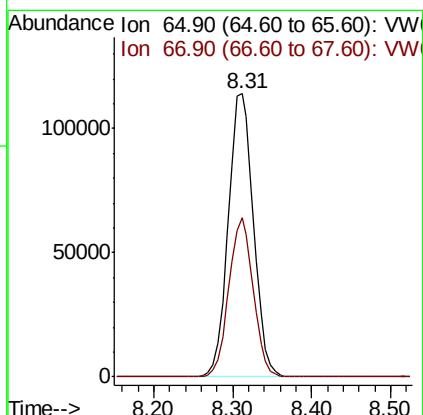
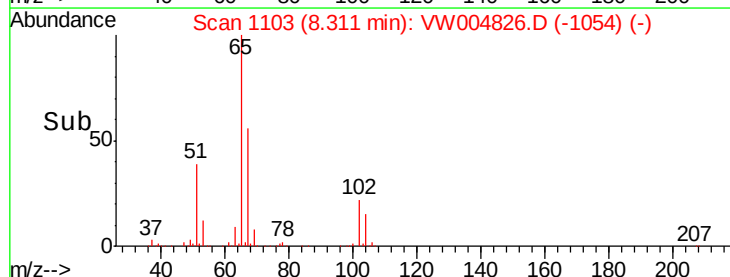
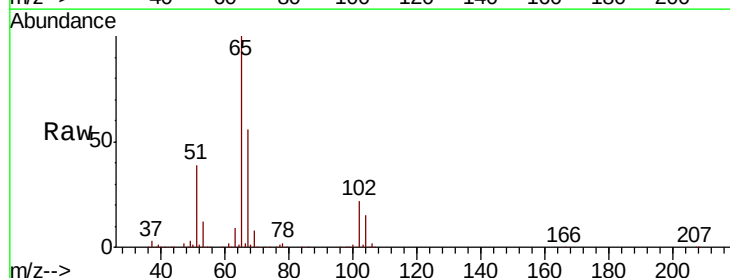
Instrument :
MSVOA_W
ClientSampleId :
CHRT-27245RE

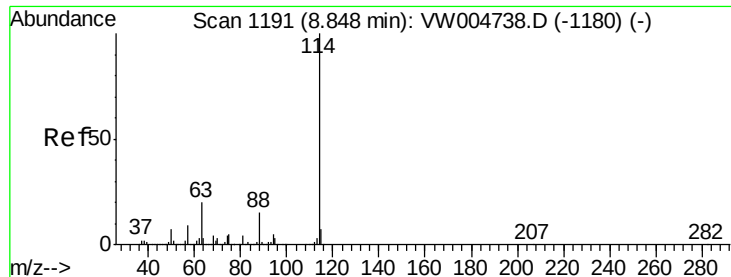
Tot Ion:	84	Resp:	29977
Ion	Ratio	Lower	Upper
84	100		
49	118.5	93.2	139.8
51	37.9	27.4	41.0
86	63.3	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 59.03 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

Tgt Ion:	65	Resp:	252978
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.4

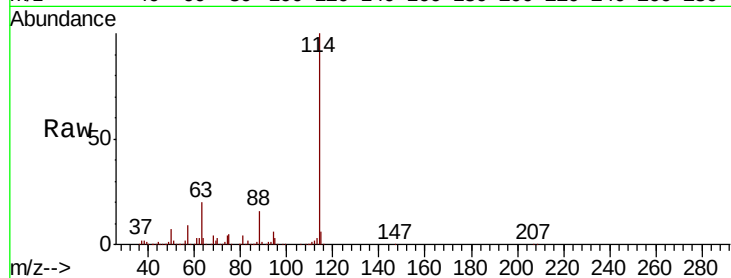




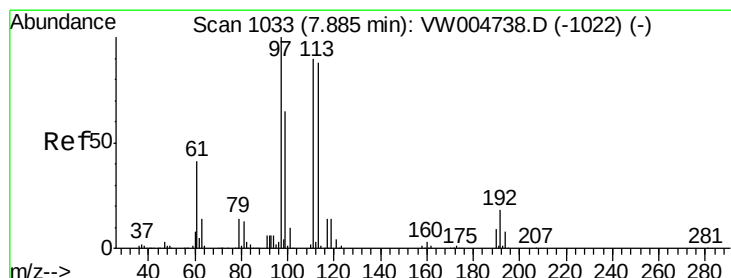
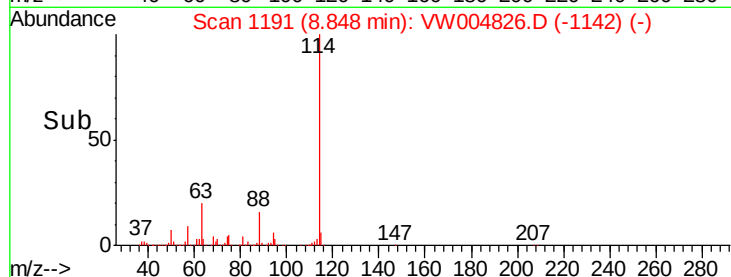
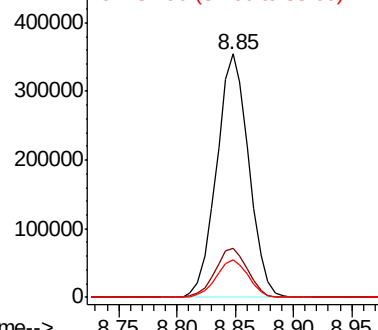
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

Instrument :
MSVOA_W
ClientSampleId :
CHRT-27245RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.6	0.0	30.0

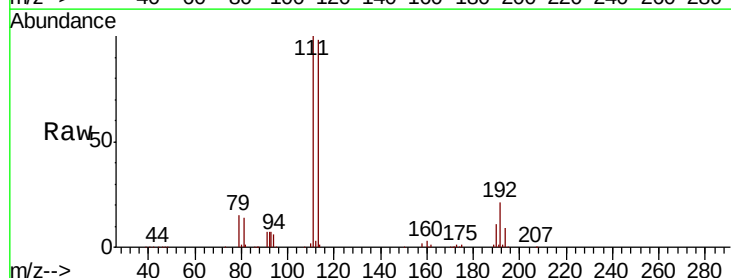


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

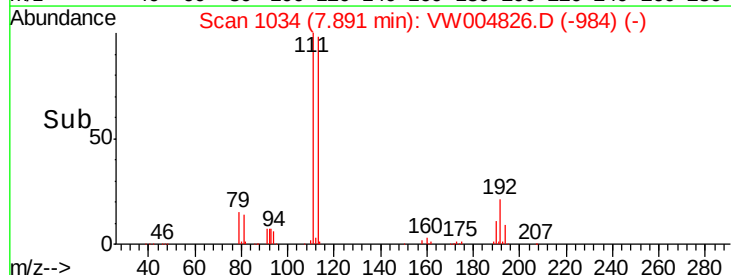
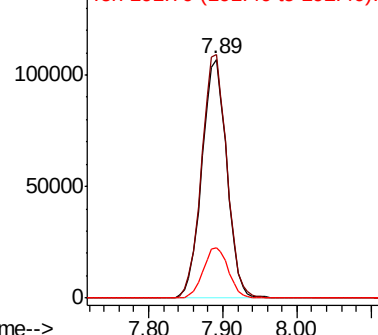


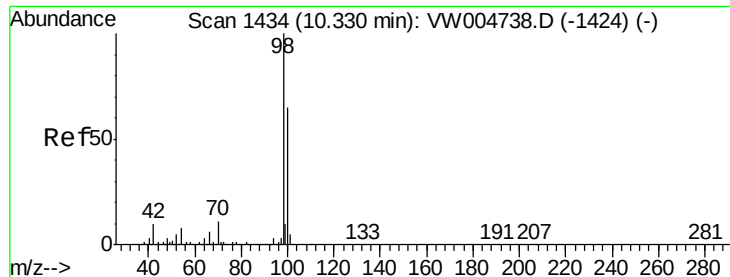
#35
Dibromofluoromethane
Concen: 57.40 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.3	16.7	25.1



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





#50

Toluene-d8

Concen: 30.42 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004826.D

Acq: 21 Aug 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

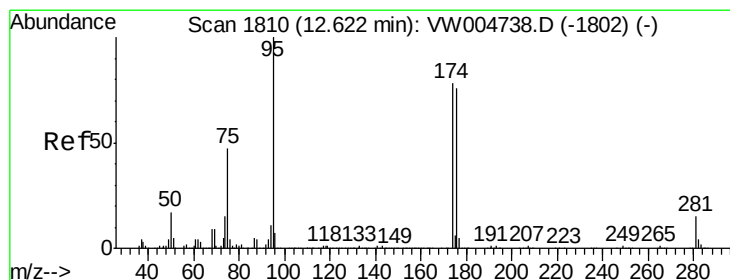
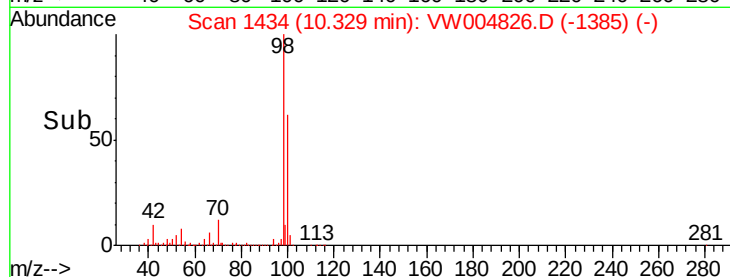
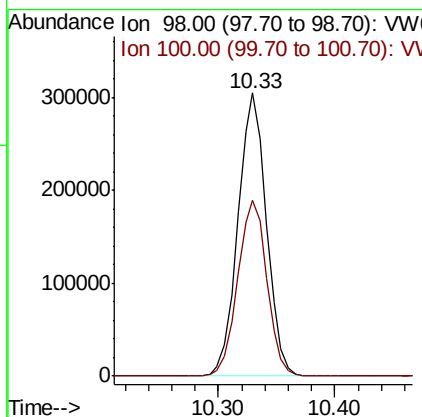
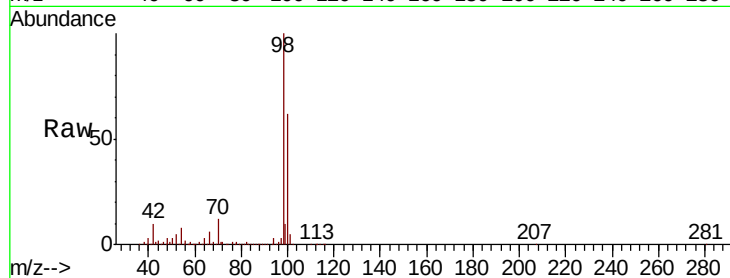
CHRT-27245RE

Tot Ion: 98 Resp: 518783

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 22.19 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004826.D

Acq: 21 Aug 2018 08:00

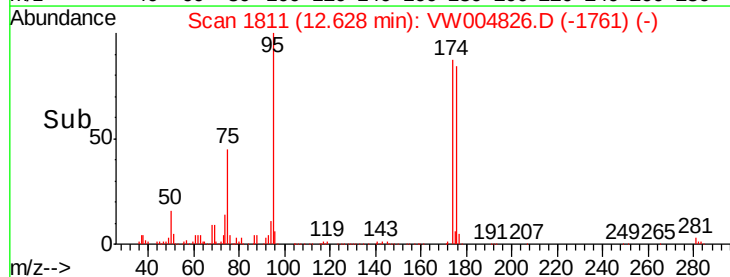
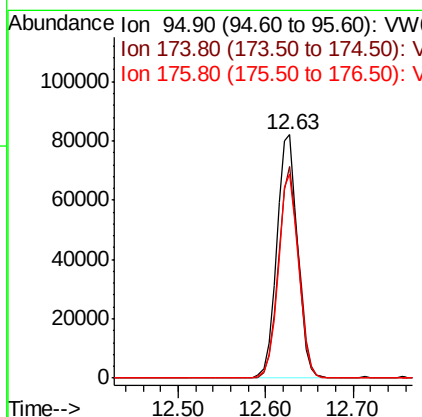
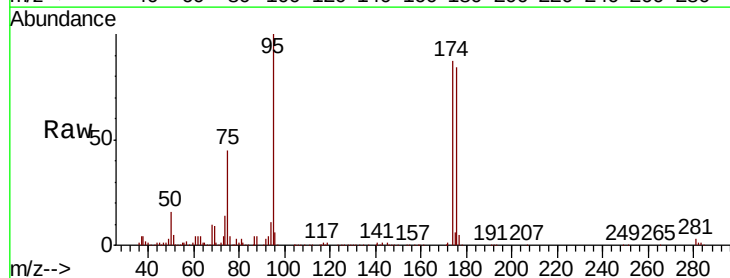
Tgt Ion: 95 Resp: 136132

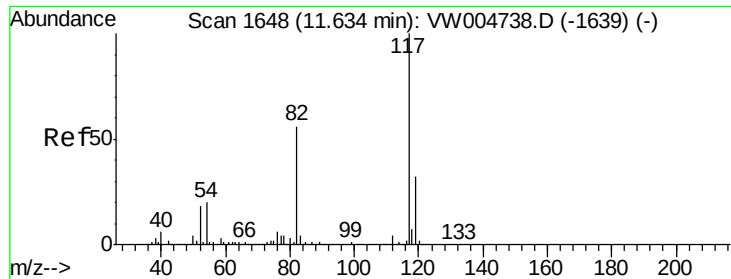
Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 81.1 0.0 159.8

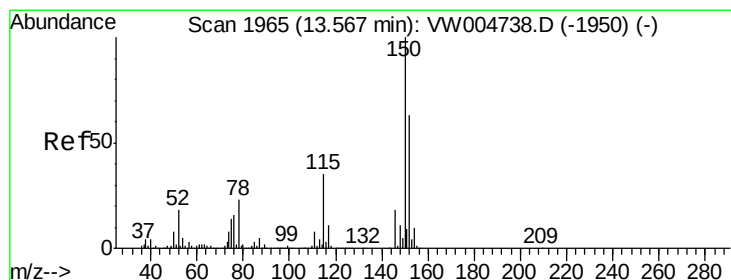
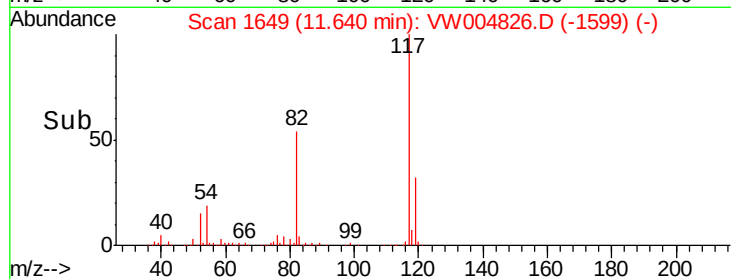
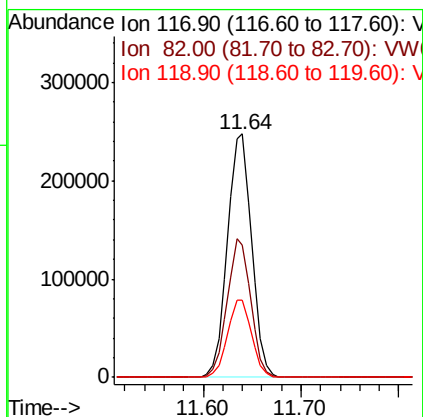
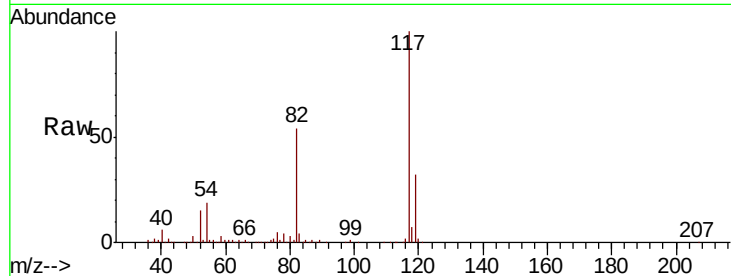




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

Instrument :
MSVOA_W
ClientSampleId :
CHRT-27245RE

Tot Ion:117 Resp: 424492
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004826.D
Acq: 21 Aug 2018 08:00

Tgt Ion:152 Resp: 98424
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 156.8 0.0 344.8

