

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014272.D
 Acq On : 26 Dec 2019 16:21
 Operator : JC/SP
 Sample : K6405-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 994-MW-05-(17)

Quant Time: Dec 27 07:07:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

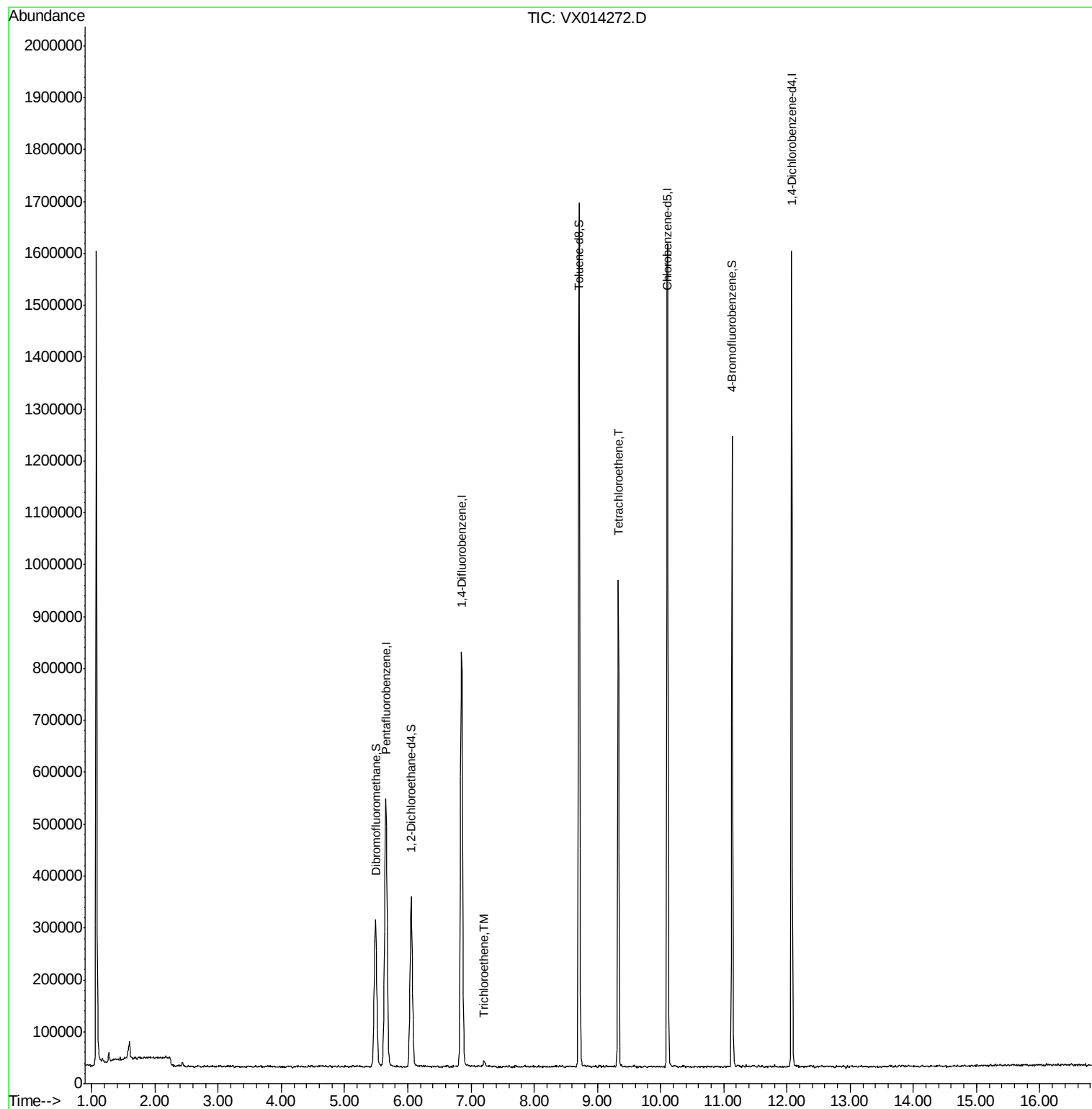
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	540190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	830906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	303560	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	5.49	113	246914	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	988677	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	326971	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
44) Trichloroethene	7.22	130	4907	0.757	ug/l	78
64) Tetrachloroethene	9.33	164	187044	28.142	ug/l	99

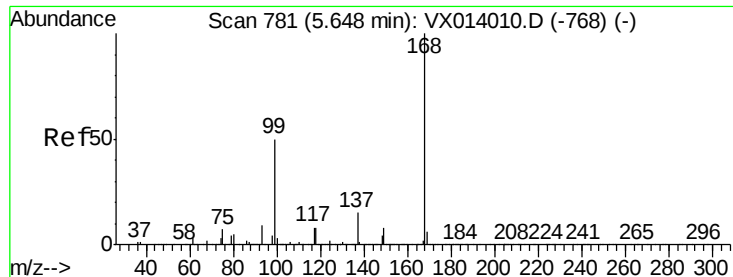
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014272.D

Acq: 26 Dec 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

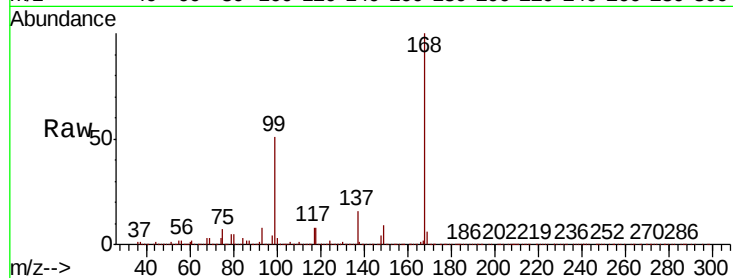
994-MW-05-(17)

Tot Ion:168 Resp: 540190

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

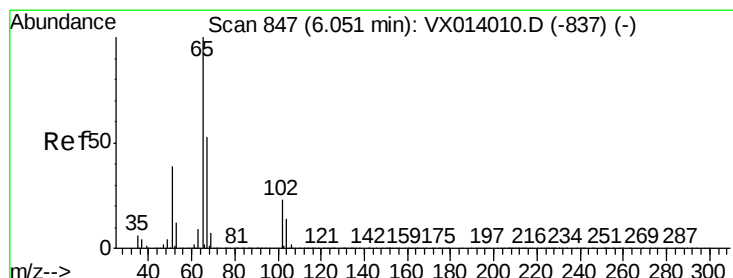
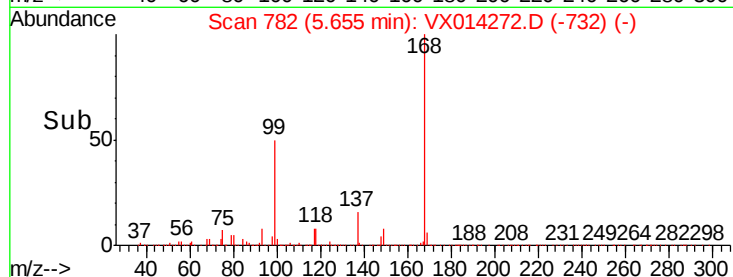
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014272.D

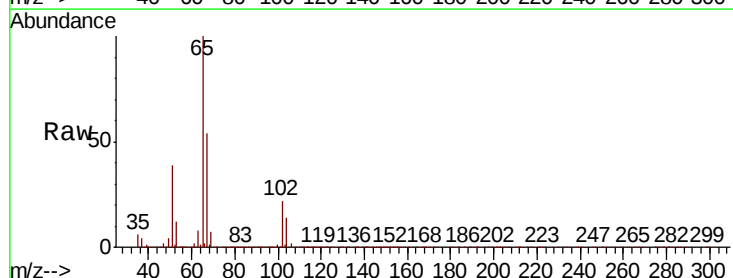
Acq: 26 Dec 2019 16:21

Tgt Ion: 65 Resp: 303560

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

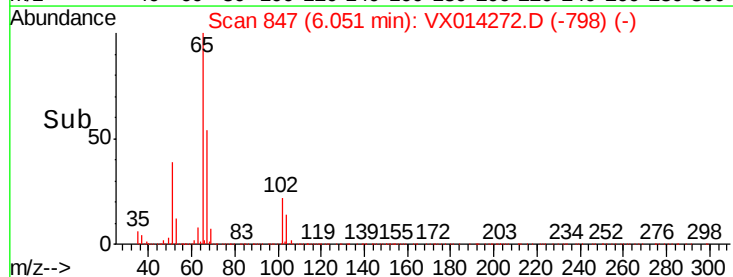
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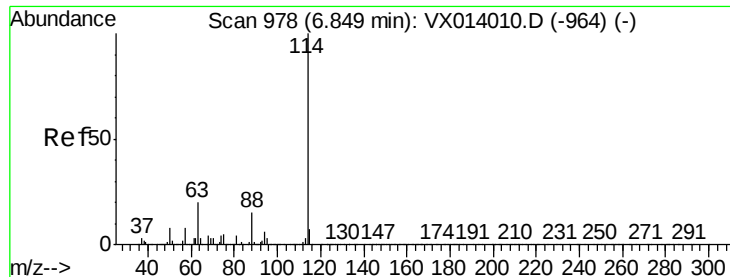
50000

0

Time-->

5.90 6.00 6.10 6.20

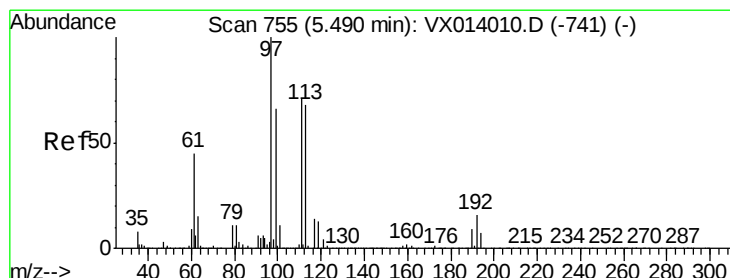
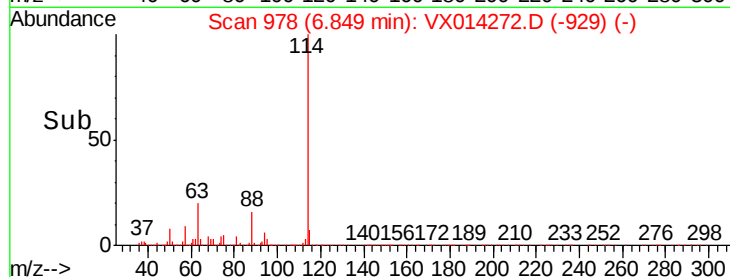
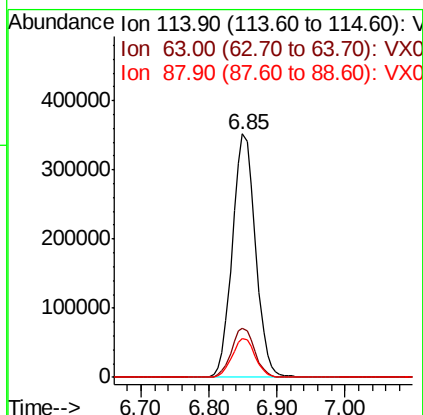
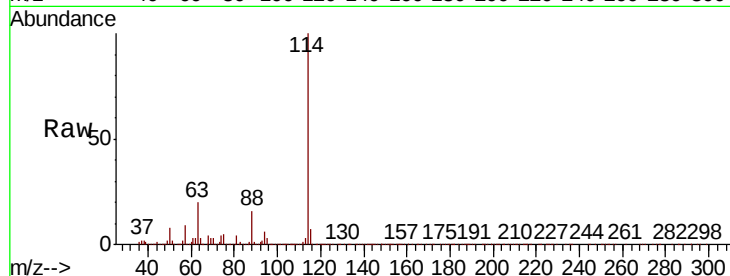




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014272.D
 Acq: 26 Dec 2019 16:21

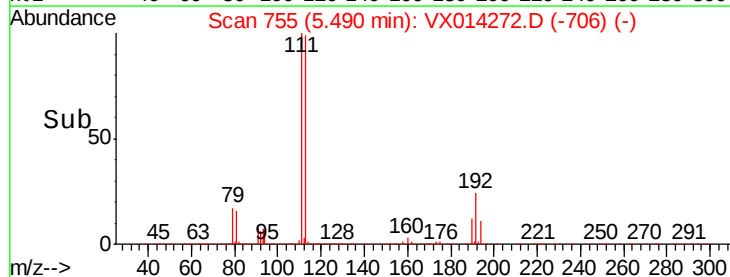
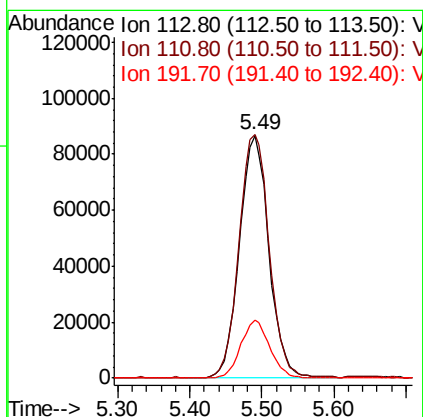
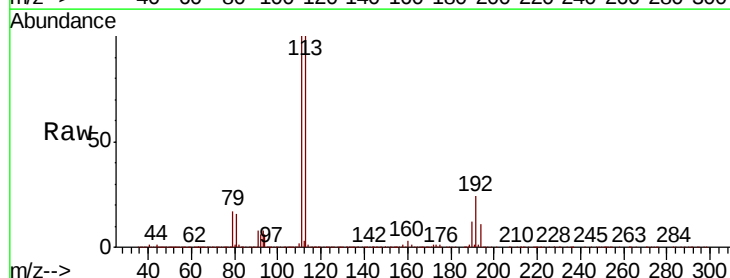
Instrument :
 MSVOA_X
 ClientSampleId :
 994-MW-05-(17)

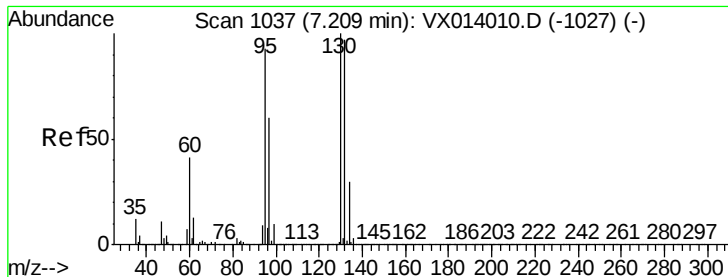
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 48.884 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014272.D
 Acq: 26 Dec 2019 16:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.3	19.3	28.9





#44

Trichloroethene

Concen: 0.757 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX014272.D

Acq: 26 Dec 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

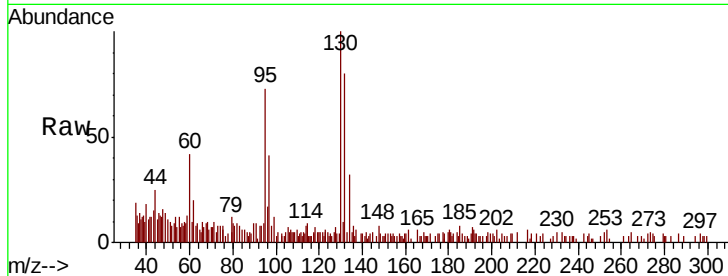
994-MW-05-(17)

Tot Ion:130 Resp: 4907

Ion Ratio Lower Upper

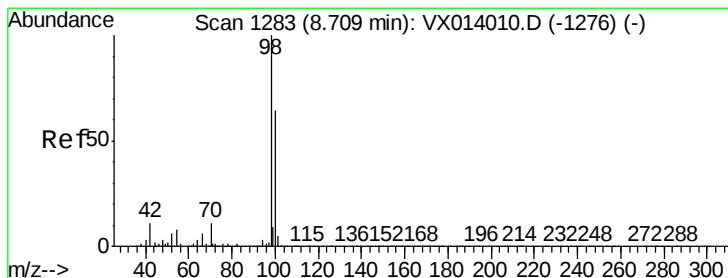
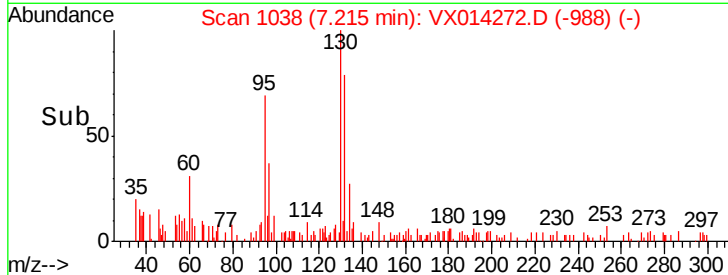
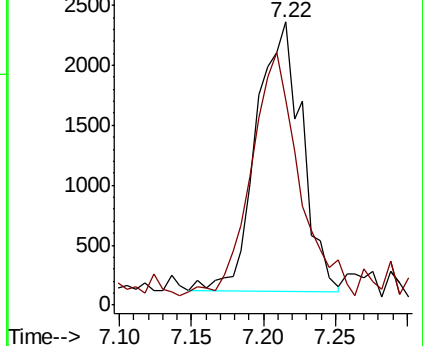
130 100

95 71.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.277 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014272.D

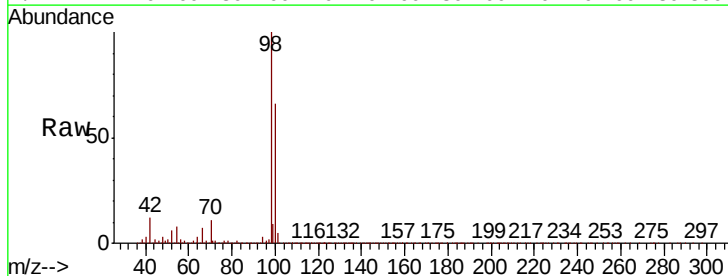
Acq: 26 Dec 2019 16:21

Tgt Ion: 98 Resp: 988677

Ion Ratio Lower Upper

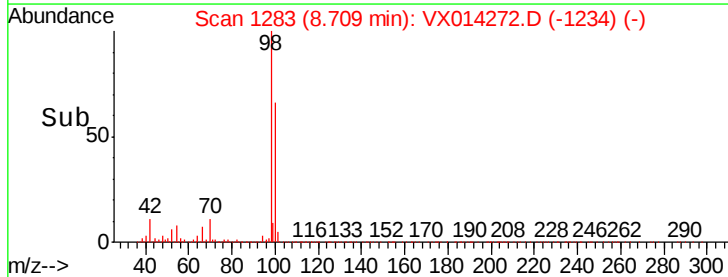
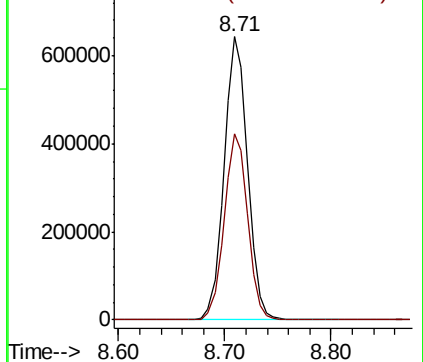
98 100

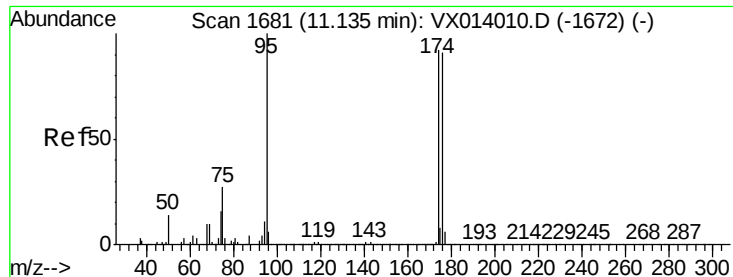
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.486 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014272.D

Acq: 26 Dec 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

994-MW-05-(17)

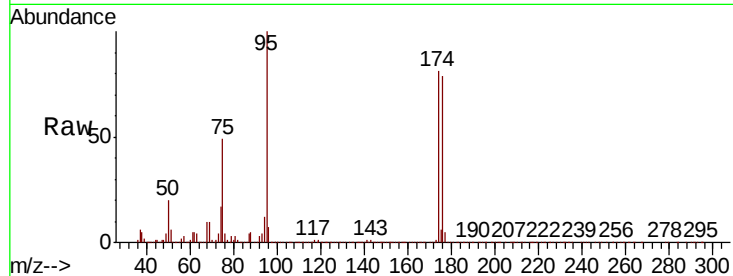
Tot Ion: 95 Resp: 326971

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.8

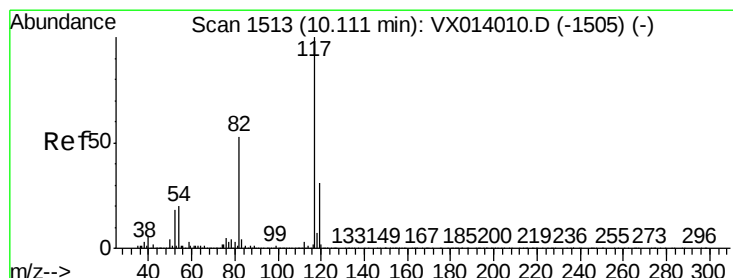
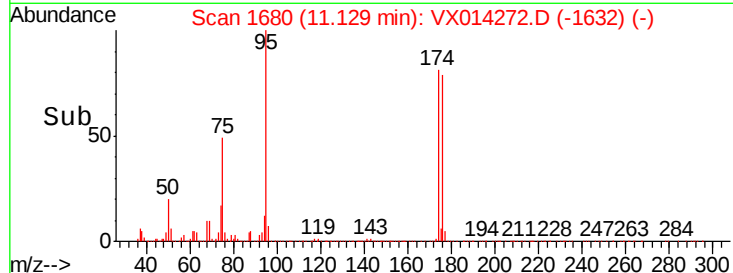
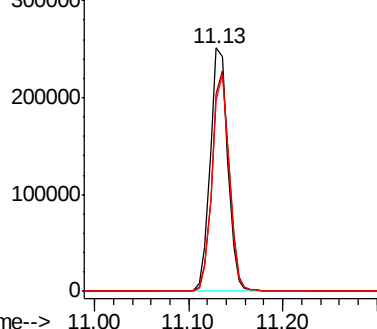
176 86.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014272.D

Acq: 26 Dec 2019 16:21

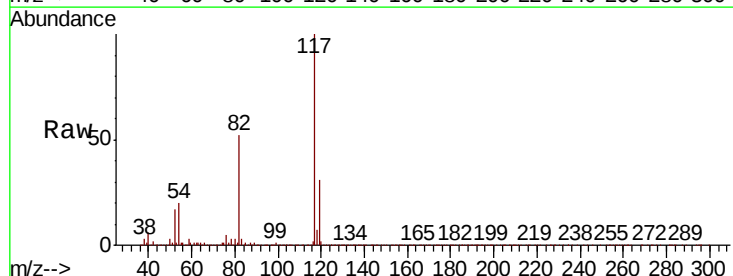
Tgt Ion: 117 Resp: 751127

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

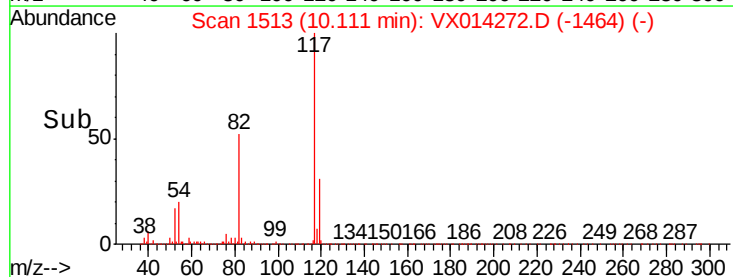
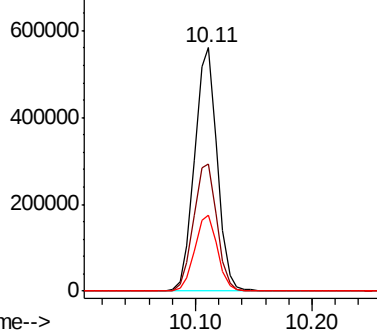
119 31.0 25.1 37.7

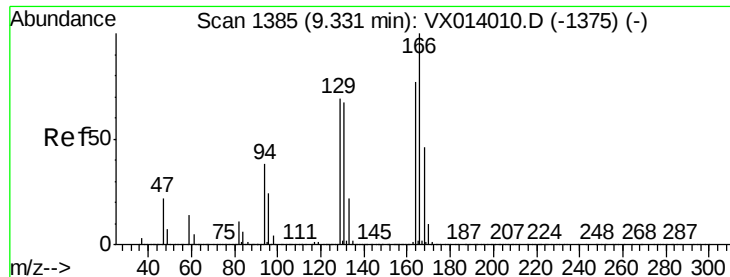


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

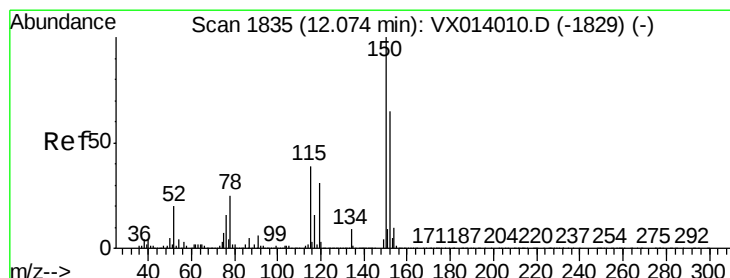
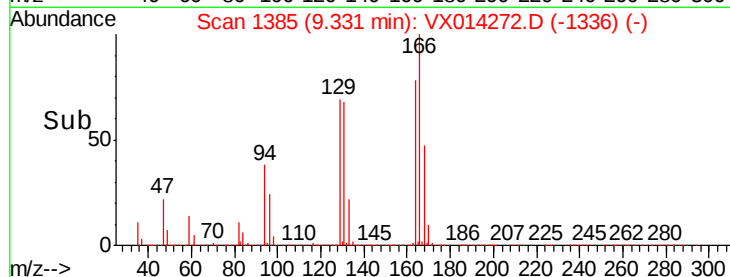
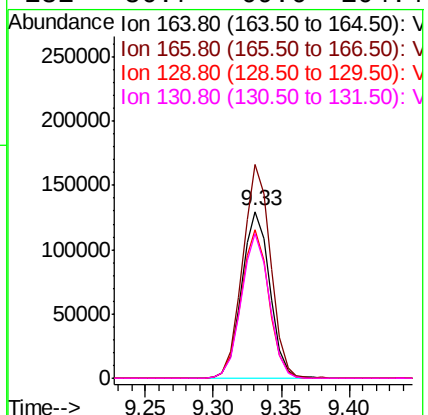
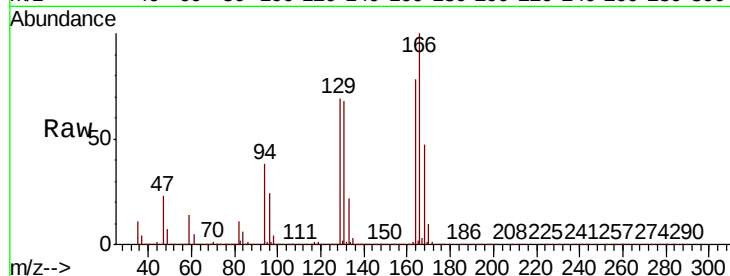




#64
Tetrachloroethene
Concen: 28.142 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014272.D
Acq: 26 Dec 2019 16:21

Instrument :
MSVOA_X
ClientSampleId :
994-MW-05-(17)

Tot Ion:	164	Resp:	187044
Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.0	156.0
129	88.8	72.2	108.4
131	86.7	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014272.D
Acq: 26 Dec 2019 16:21

Tgt Ion:	152	Resp:	326744
Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.3	114.9
150	155.0	0.0	345.4

