

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014505.D
 Acq On : 09 Jan 2020 18:33
 Operator : JC/SP
 Sample : L1034-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DL

Quant Time: Jan 10 07:24:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

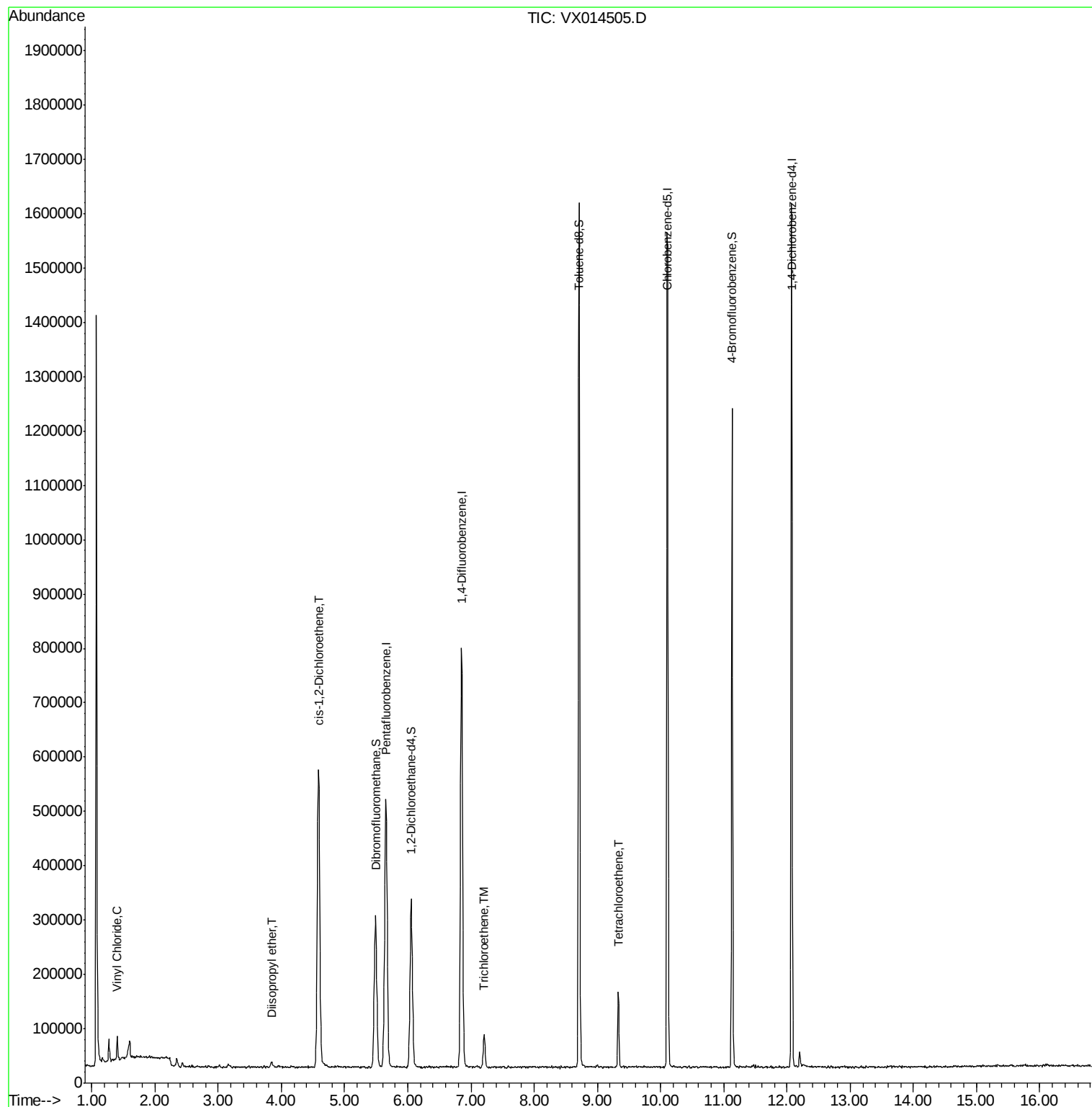
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	521636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	726289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	286664	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.49	113	238658	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	950105	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	327497	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
4) Vinyl Chloride	1.40	62	26453	3.570	ug/l	95
22) Diisopropyl ether	3.85	45	13715	0.785	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	356649	56.723	ug/l	89
44) Trichloroethene	7.21	130	25937	4.039	ug/l	95
64) Tetrachloroethene	9.33	164	29198	4.011	ug/l	99

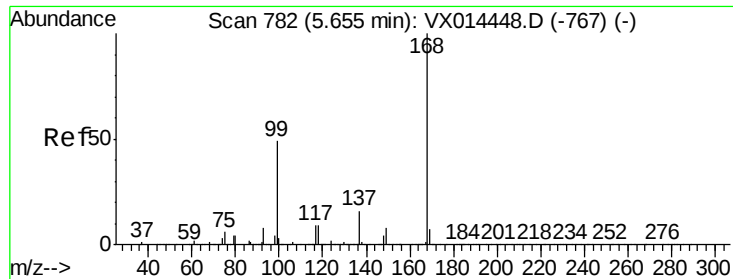
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014505.D

Acq: 09 Jan 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

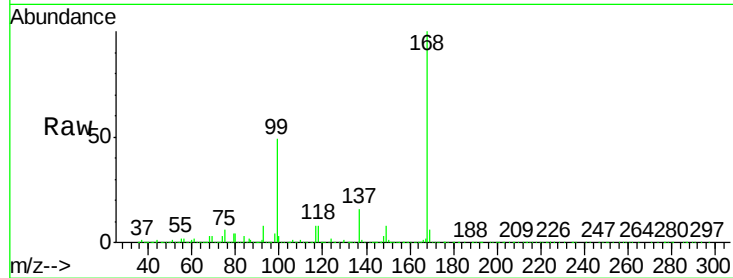
MW-14DL

Tot Ion:168 Resp: 521636

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

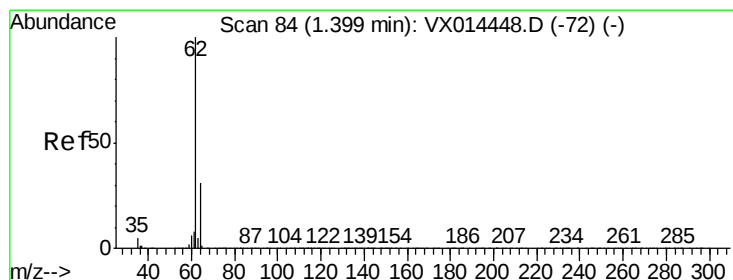
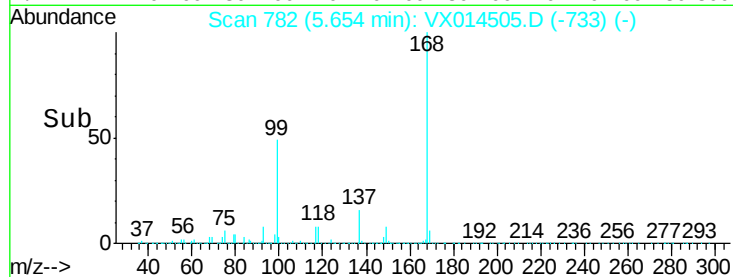
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.570 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014505.D

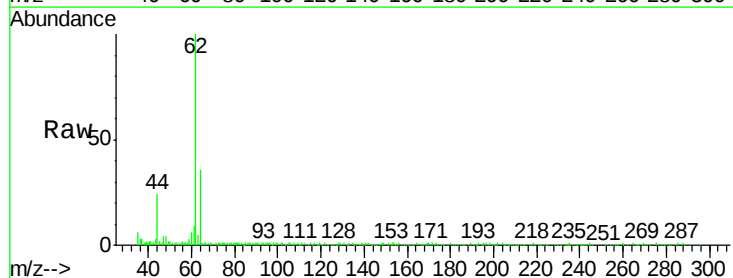
Acq: 09 Jan 2020 18:33

Tgt Ion: 62 Resp: 26453

Ion Ratio Lower Upper

62 100

64 33.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

25000

20000

15000

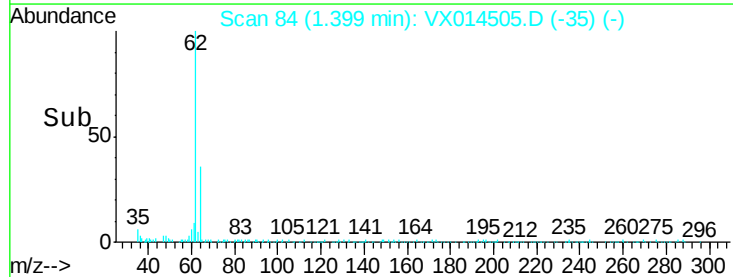
10000

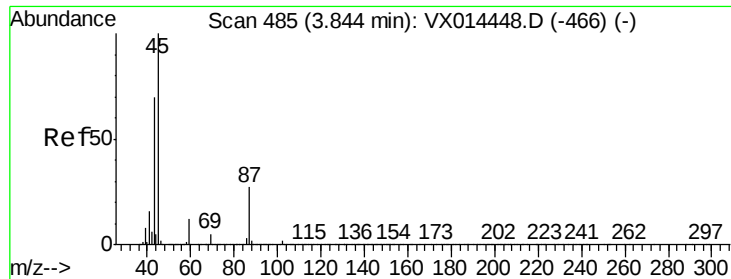
5000

0

Time-->

1.35 1.40 1.45

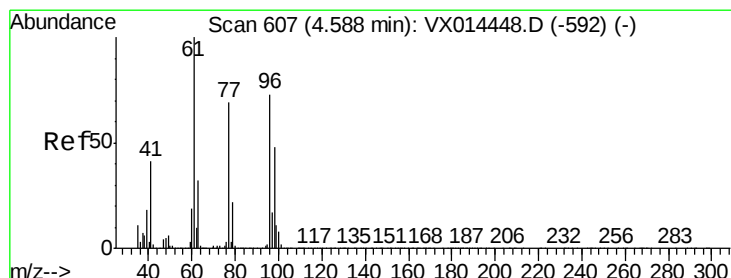
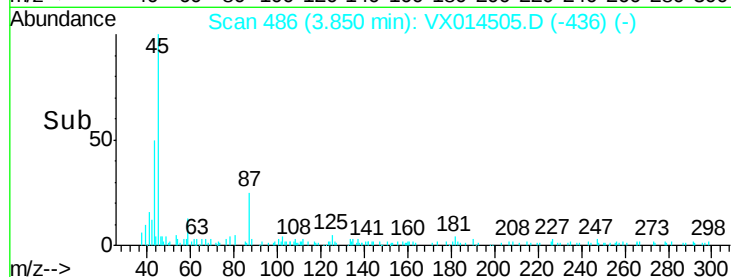
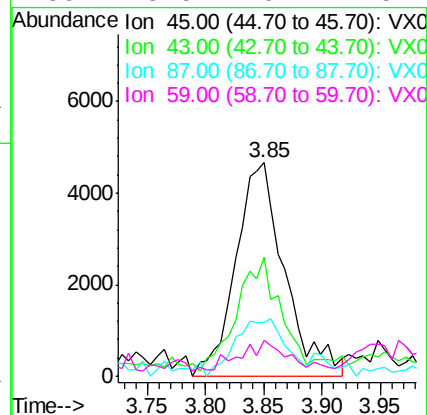
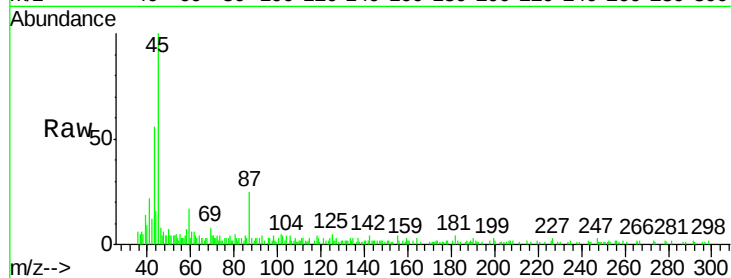




#22
Diisopropyl ether
Concen: 0.785 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

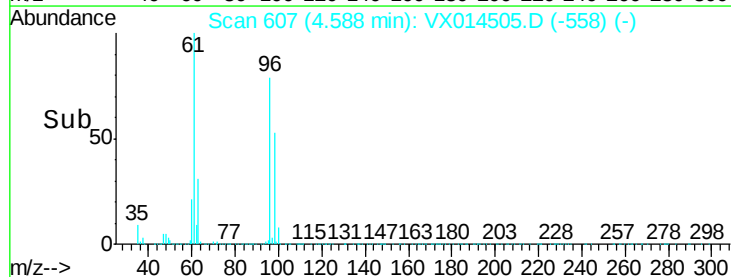
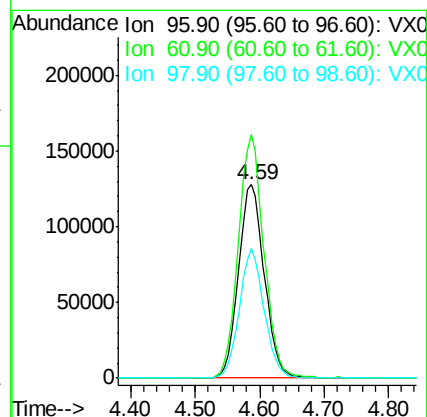
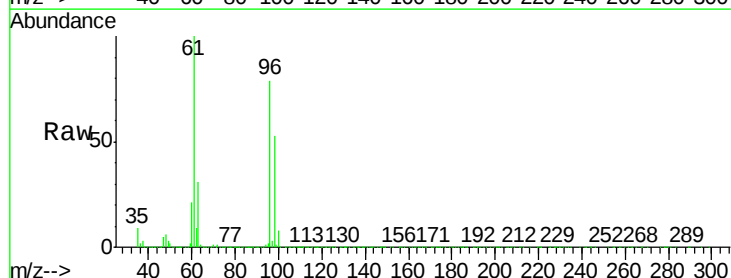
Instrument :
MSVOA_X
ClientSampled :
MW-14DL

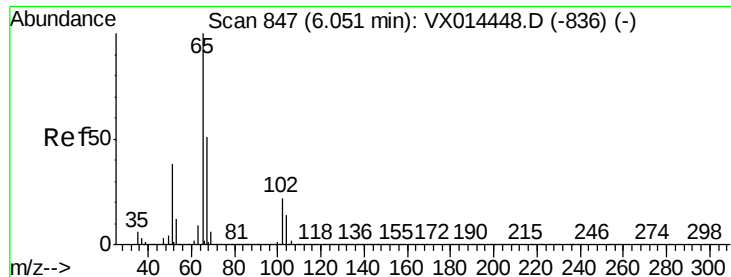
Tot Ion:	45	Resp:	13715
Ion	Ratio	Lower	Upper
45	100		
43	52.5	55.8	83.6#
87	23.6	21.8	32.8
59	15.5	9.1	13.7#



#27
cis-1,2-Dichloroethene
Concen: 56.723 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

Tgt Ion:	96	Resp:	356649
Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	285.4
98	63.7	0.0	130.6





#33

1,2-Dichloroethane-d4

Concen: 49.228 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014505.D

Acq: 09 Jan 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

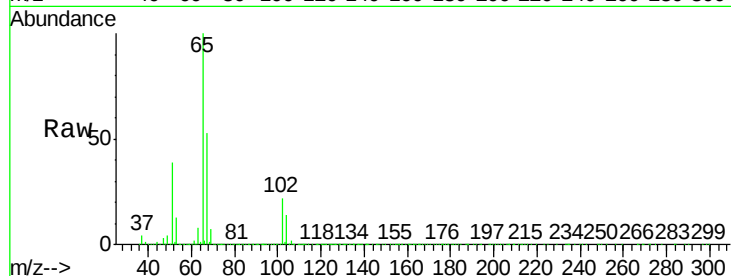
MW-14DL

Tot Ion: 65 Resp: 286664

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

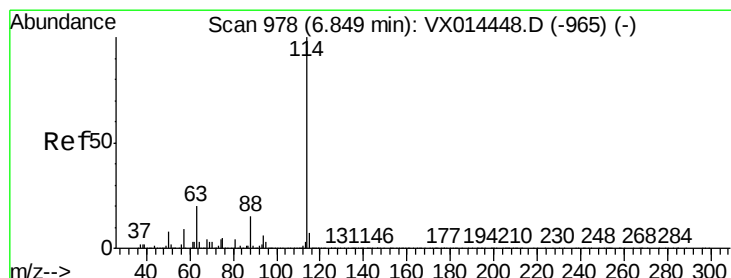
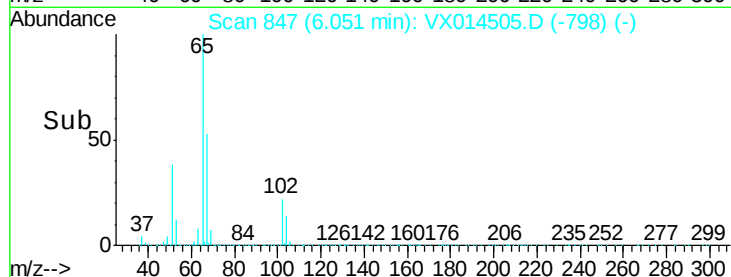
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014505.D

Acq: 09 Jan 2020 18:33

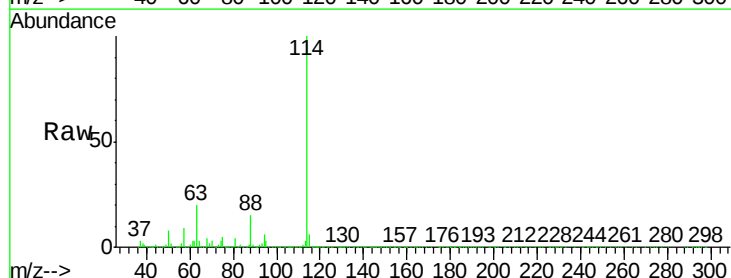
Tgt Ion: 114 Resp: 800570

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

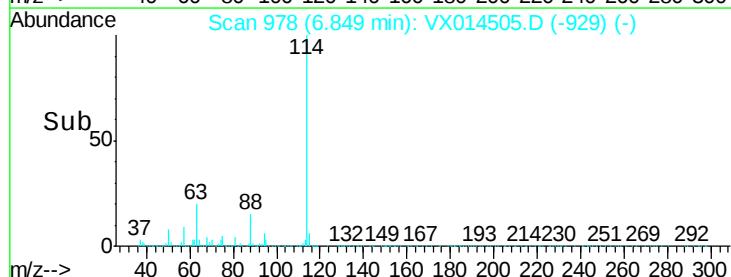
300000

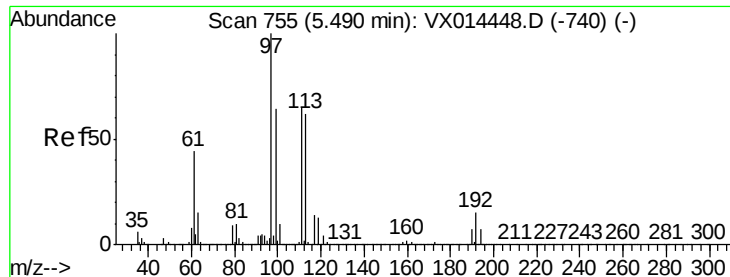
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.246 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014505.D

Acq: 09 Jan 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

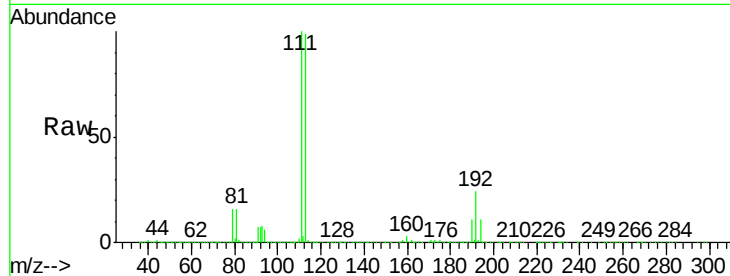
Tot Ion:113 Resp: 238658

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

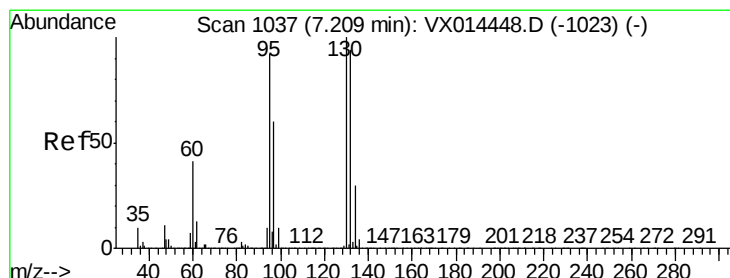
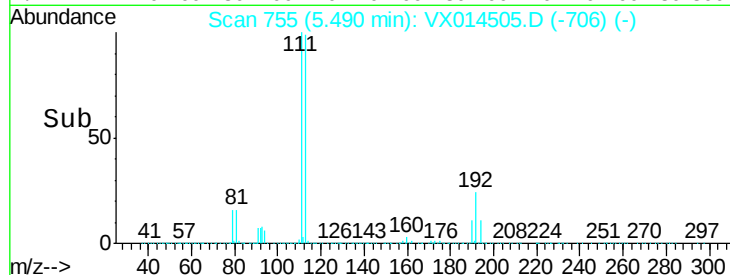
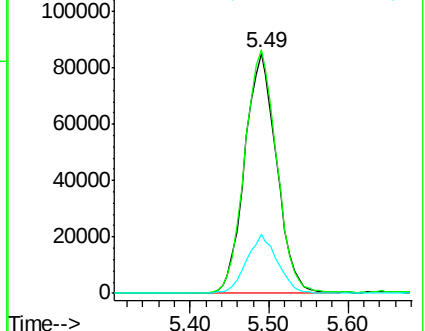
192 23.4 19.2 28.8



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



#44

Trichloroethene

Concen: 4.039 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014505.D

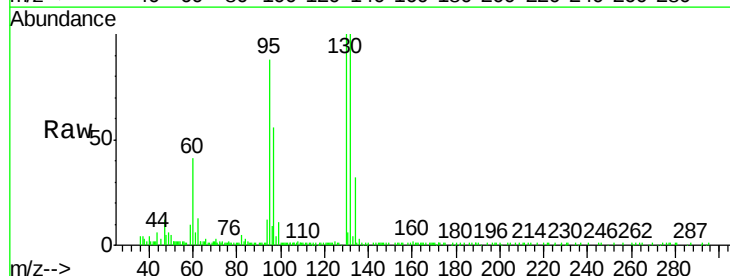
Acq: 09 Jan 2020 18:33

Tgt Ion:130 Resp: 25937

Ion Ratio Lower Upper

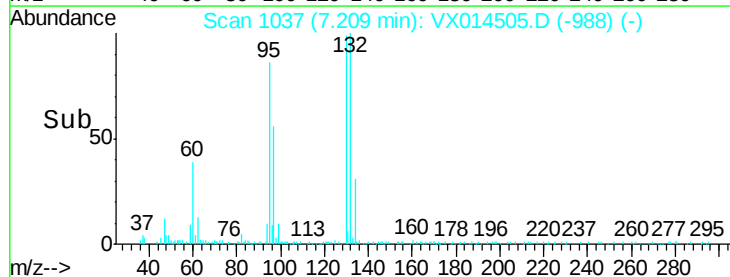
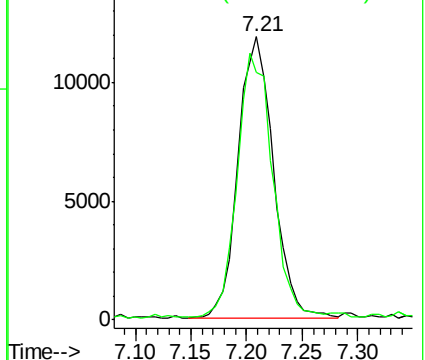
130 100

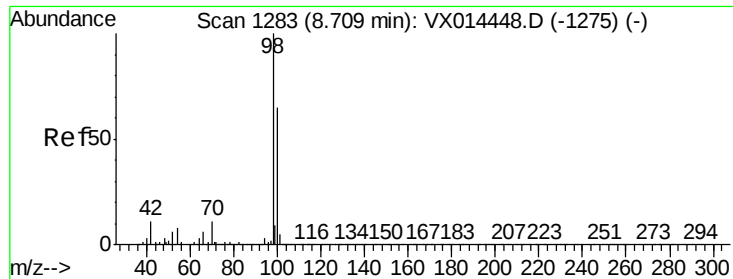
95 87.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

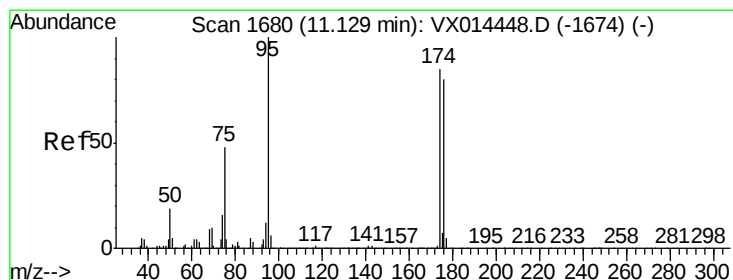
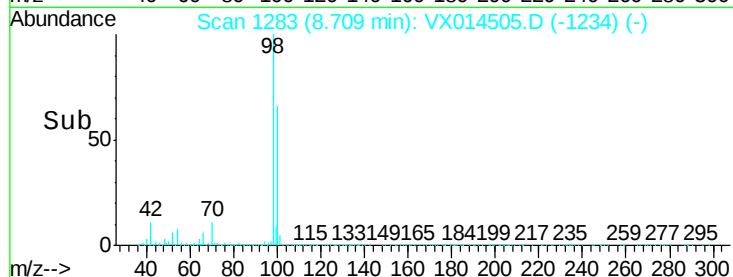
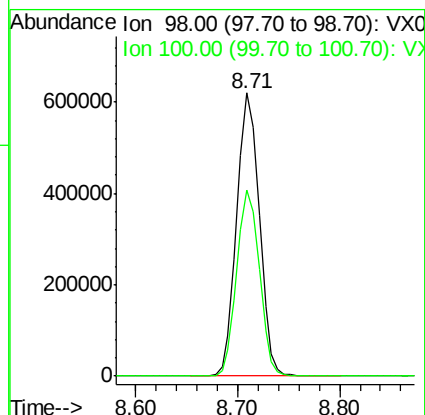
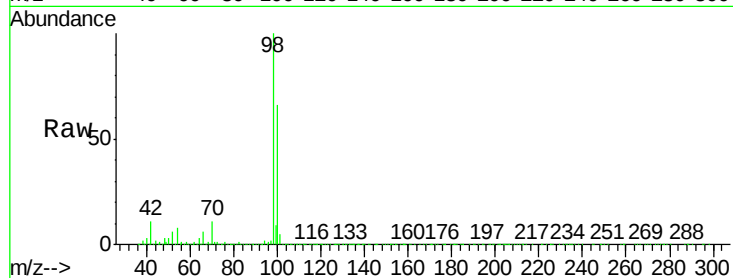




#50
Toluene-d8
Concen: 50.520 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

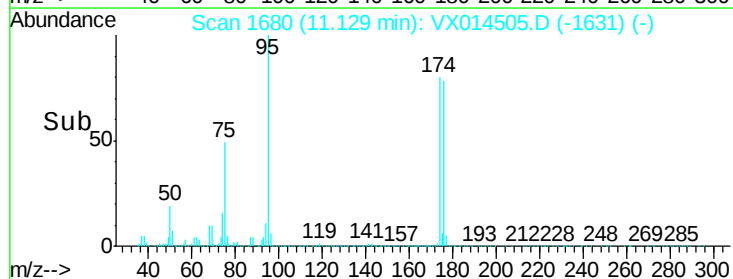
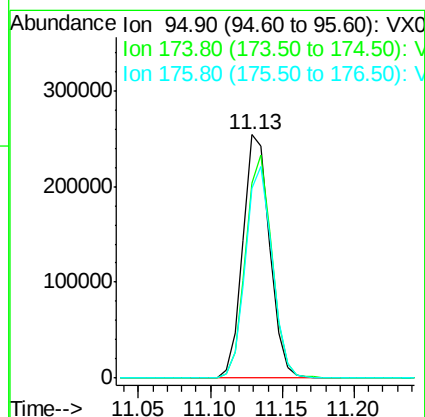
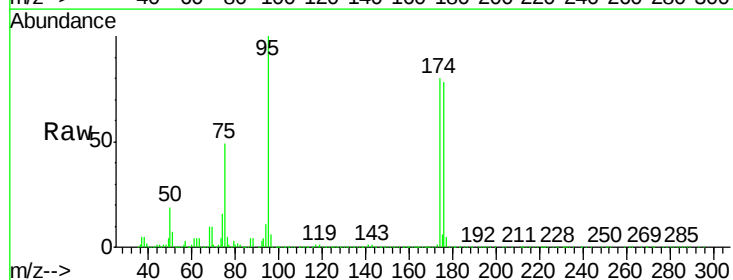
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

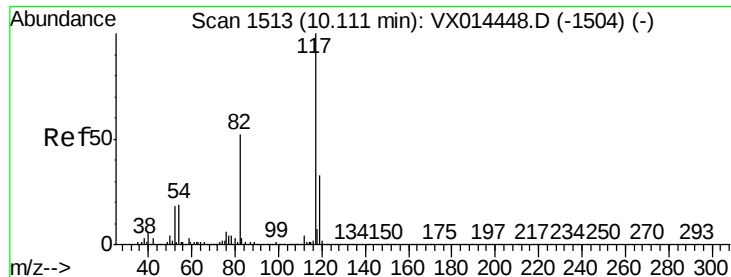
Tot Ion: 98 Resp: 950105
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 47.435 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

Tgt Ion: 95 Resp: 327497
Ion Ratio Lower Upper
95 100
174 90.0 0.0 180.8
176 86.8 0.0 172.8

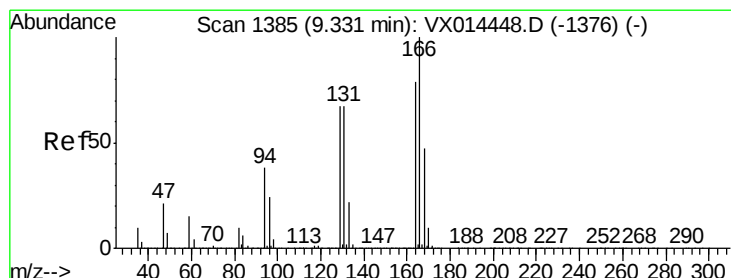
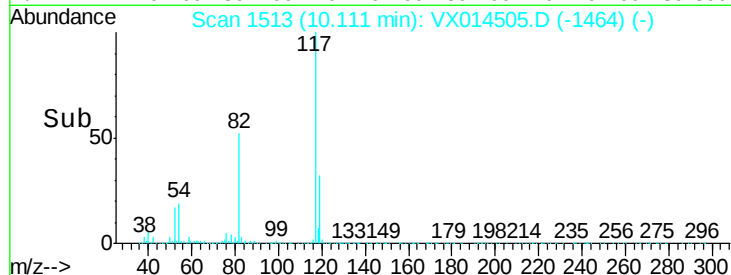
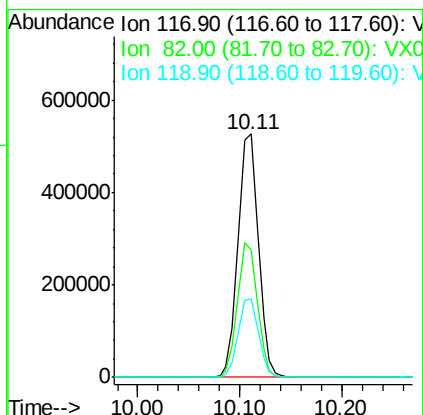
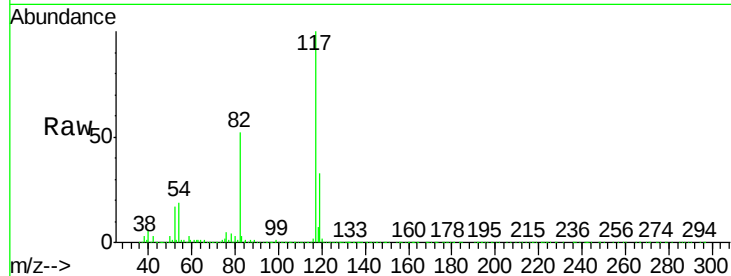




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

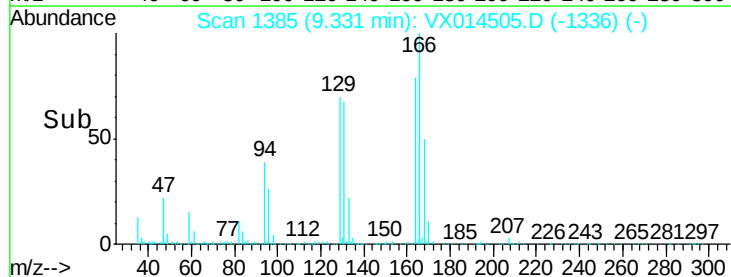
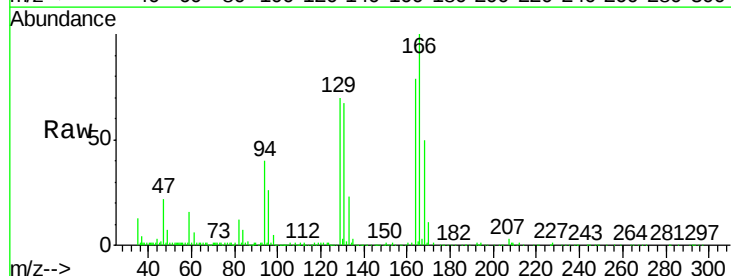
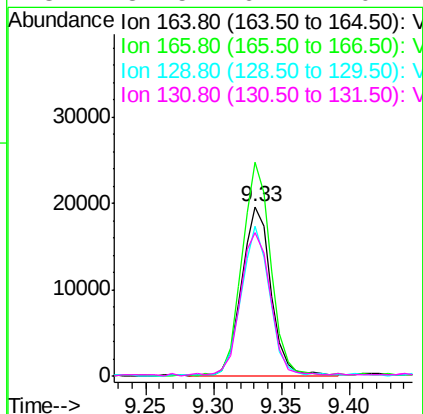
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

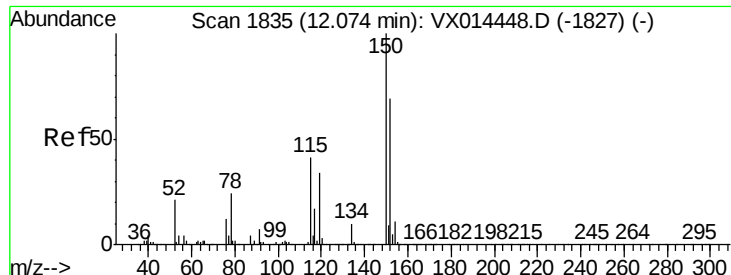
Tot Ion:117 Resp: 726289
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 4.011 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014505.D
Acq: 09 Jan 2020 18:33

Tgt Ion:164 Resp: 29198
Ion Ratio Lower Upper
164 100
166 126.0 101.2 151.8
129 88.1 68.3 102.5
131 84.5 67.4 101.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014505.D

Acq: 09 Jan 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

Tot Ion:152 Resp: 344094

Ion Ratio Lower Upper

152 100

115 54.3 39.5 118.3

150 152.2 0.0 350.2

