

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014271.D
 Acq On : 26 Dec 2019 15:58
 Operator : JC/SP
 Sample : K6405-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 992-MW-02-(23.8)

Quant Time: Dec 27 07:05:16 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

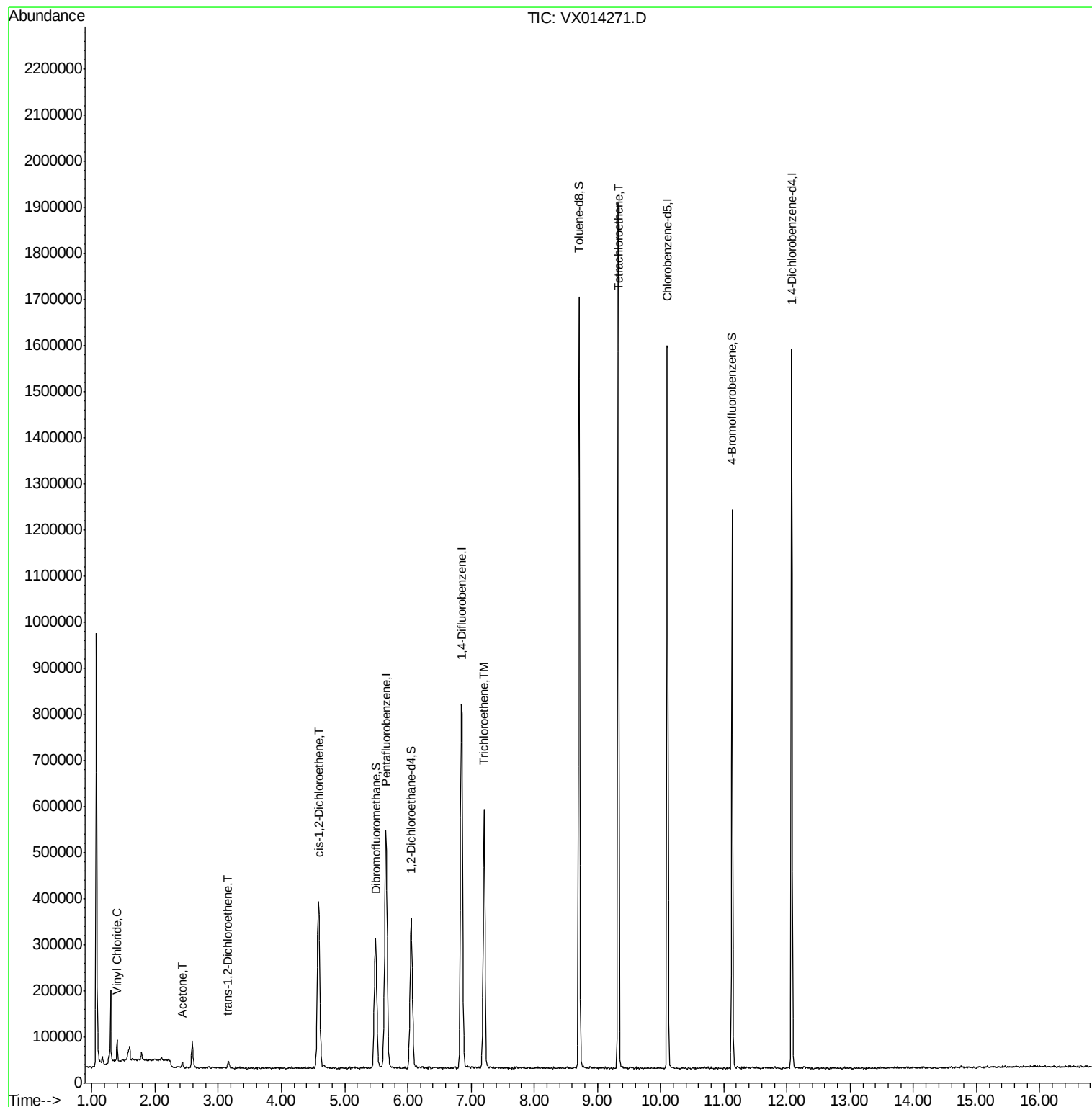
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	541143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	834985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	297402	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	245585	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	990079	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	328897	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11063	1.614	ug/l	94
16) Acetone	2.43	43	12865	3.231	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	7077	1.234	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	233473	35.998	ug/l	90
44) Trichloroethene	7.21	130	223324	34.299	ug/l	100
64) Tetrachloroethene	9.33	164	378988	57.540	ug/l	97

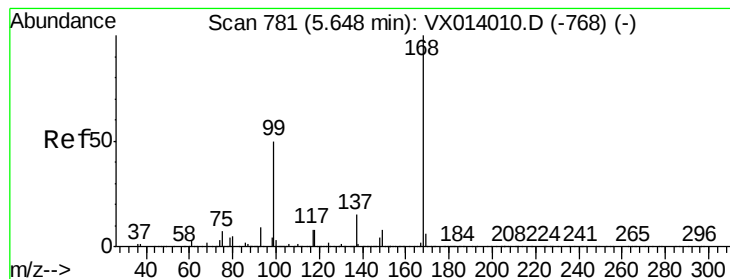
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX014271.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

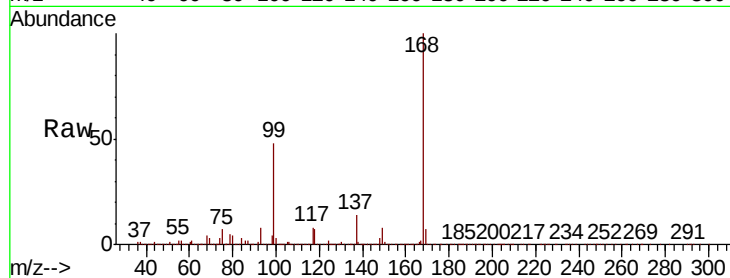
992-MW-02-(23.8)

Tot Ion:168 Resp: 541143

Ion Ratio Lower Upper

168 100

99 48.0 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

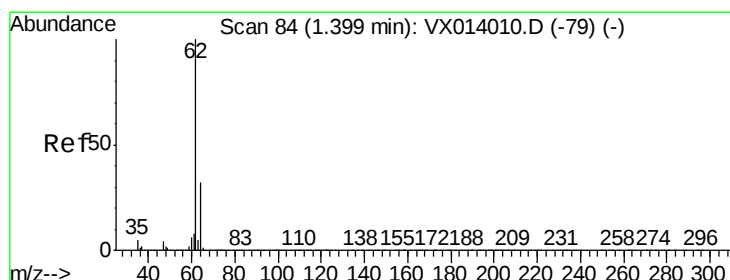
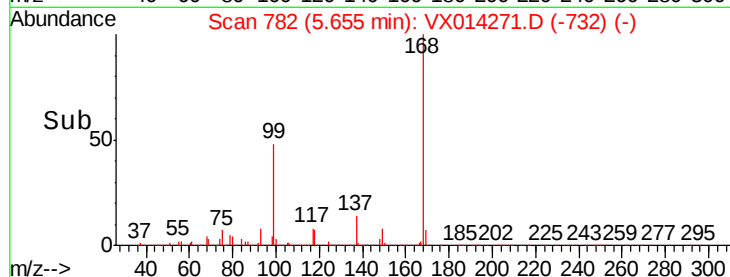
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.614 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014271.D

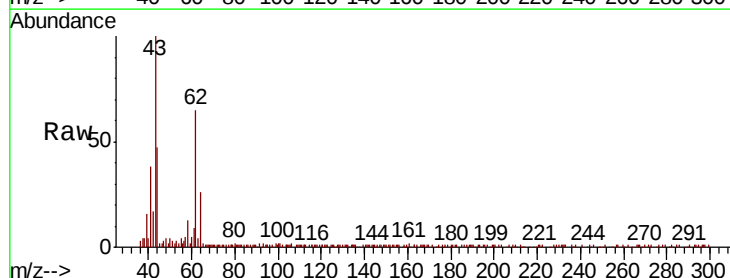
Acq: 26 Dec 2019 15:58

Tgt Ion: 62 Resp: 11063

Ion Ratio Lower Upper

62 100

64 35.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

12000

10000

8000

6000

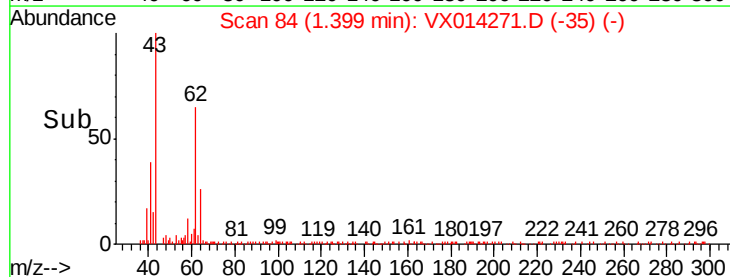
4000

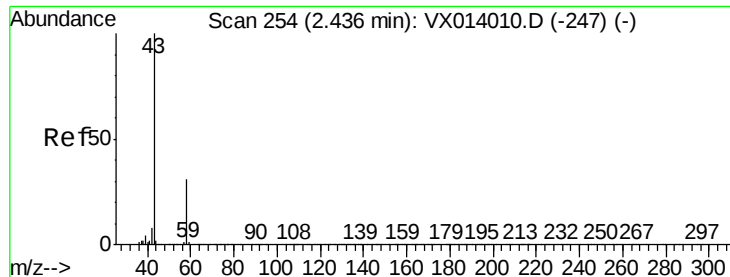
2000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 3.231 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014271.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

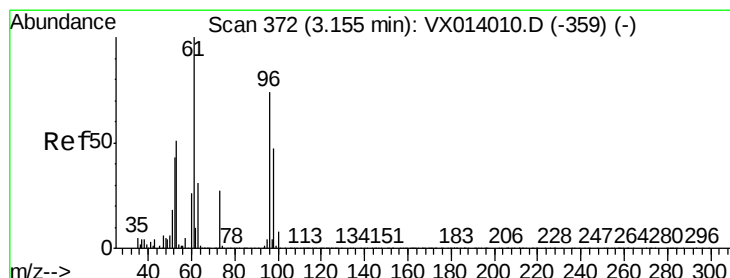
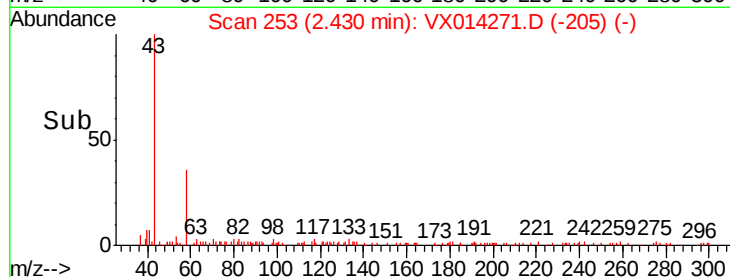
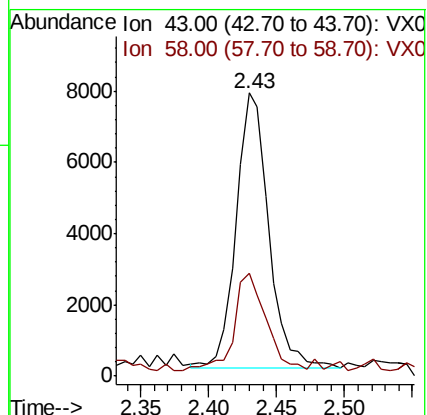
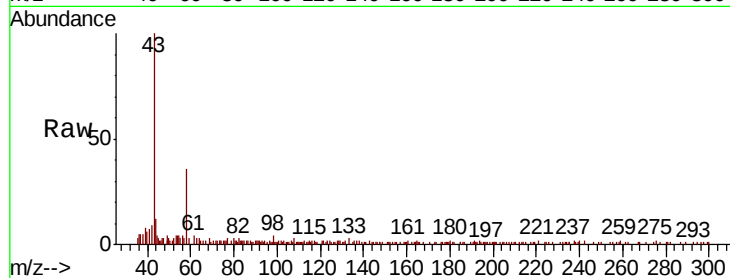
992-MW-02-(23.8)

Tot Ion: 43 Resp: 12865

Ion Ratio Lower Upper

43 100

58 33.9 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 1.234 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014271.D

Acq: 26 Dec 2019 15:58

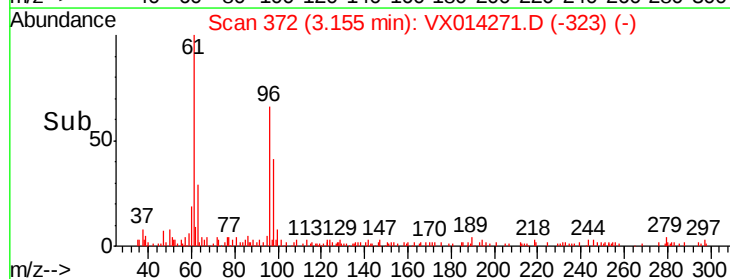
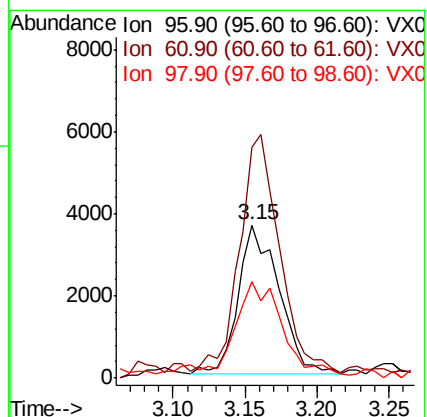
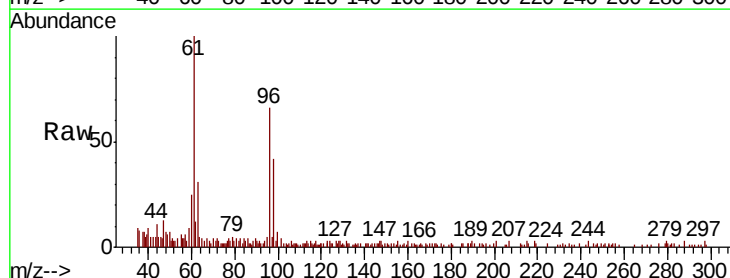
Tgt Ion: 96 Resp: 7077

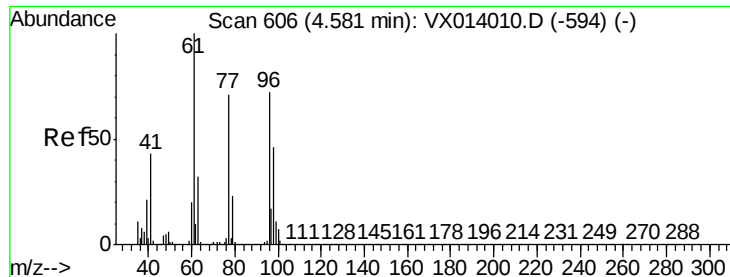
Ion Ratio Lower Upper

96 100

61 151.6 108.3 162.5

98 61.7 50.8 76.2



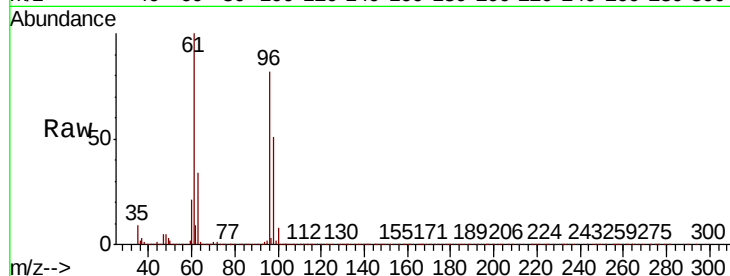


#27

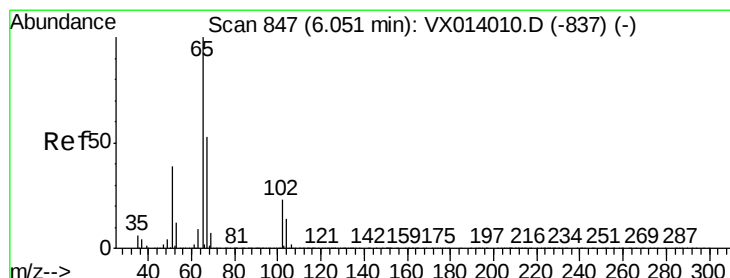
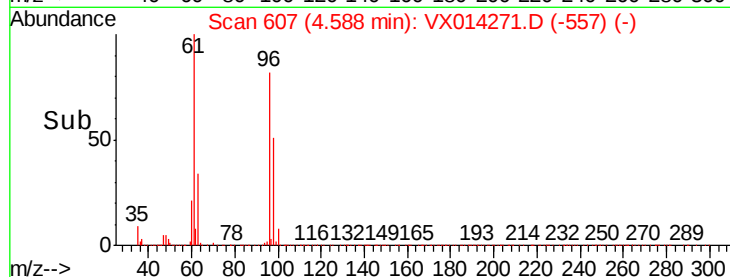
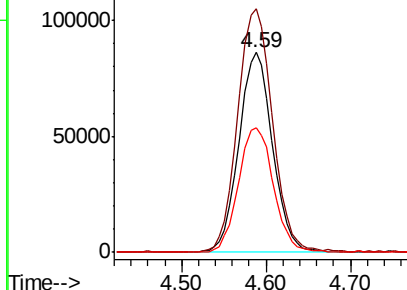
cis-1,2-Dichloroethene
 Concen: 35.998 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014271.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 992-MW-02-(23.8)

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	288.4
98	64.4	0.0	129.6



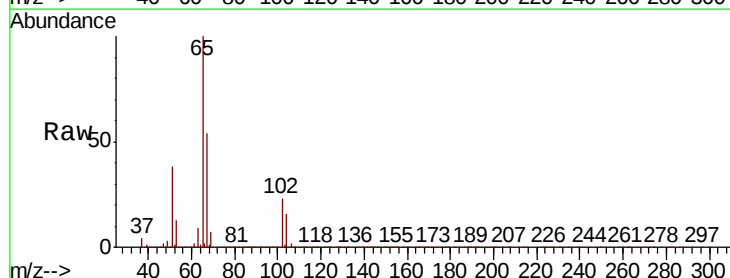
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



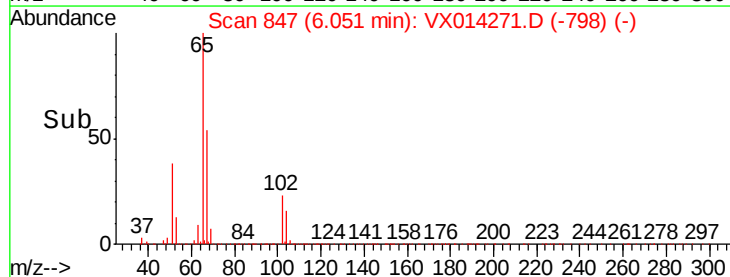
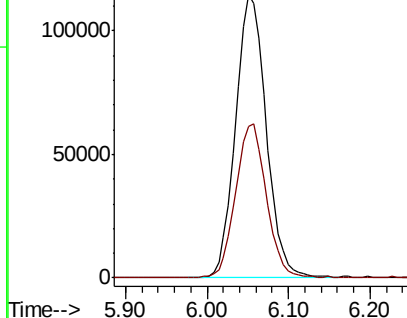
#33

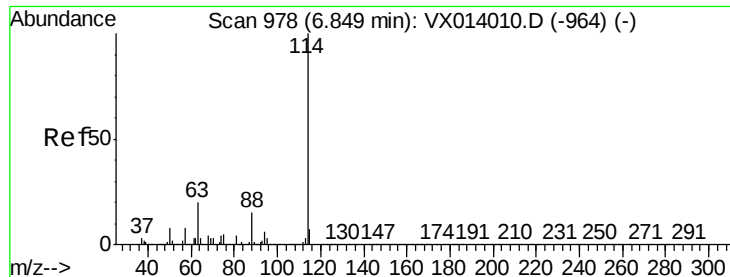
1,2-Dichloroethane-d4
 Concen: 48.491 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014271.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

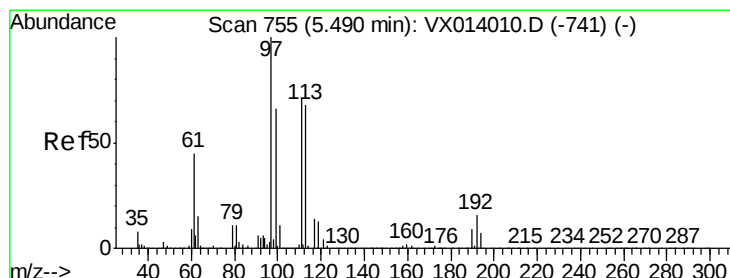
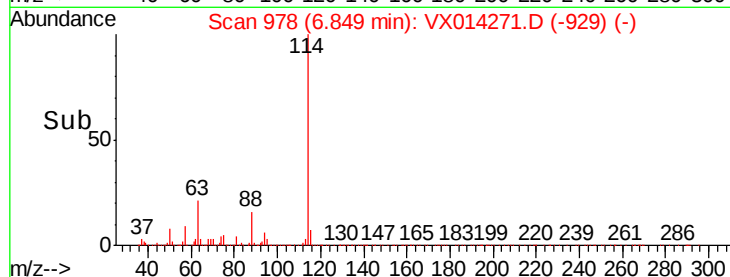
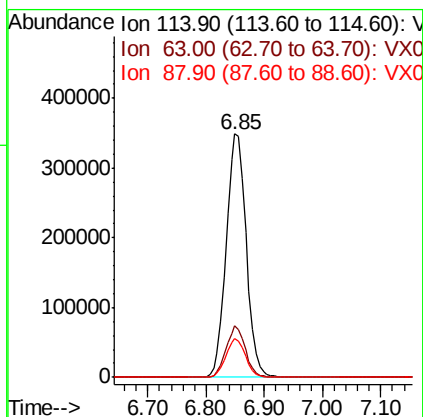
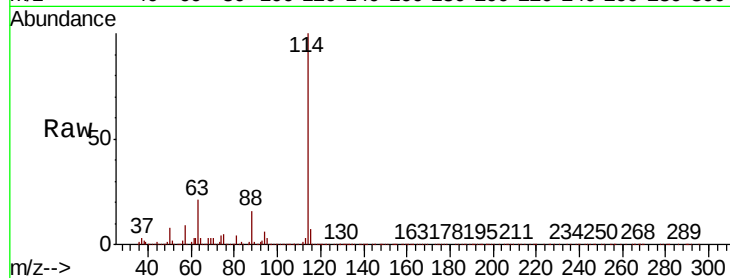




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014271.D
Acq: 26 Dec 2019 15:58

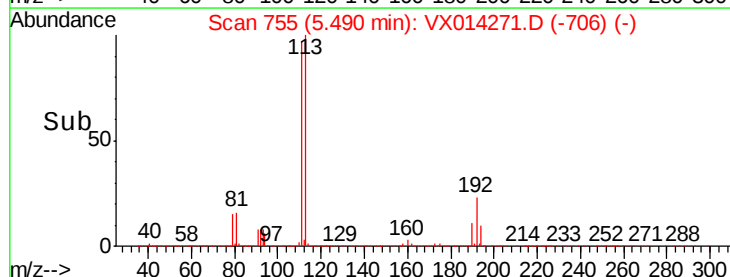
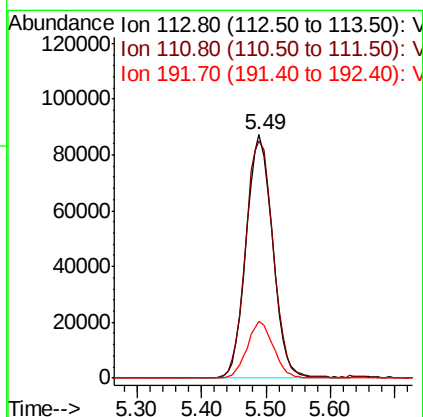
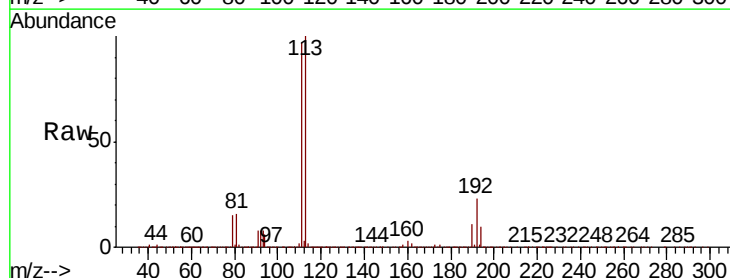
Instrument :
MSVOA_X
ClientSampleId :
992-MW-02-(23.8)

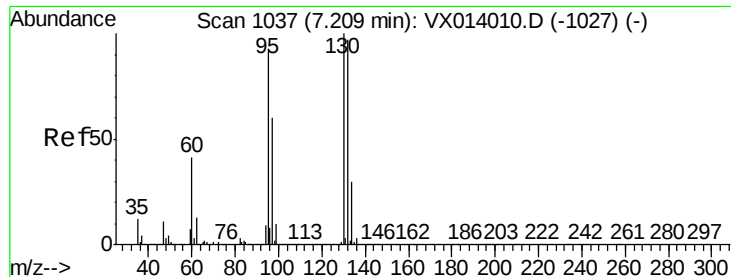
Tot Ion:	114	Resp:	834985
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.1	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.384 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014271.D
Acq: 26 Dec 2019 15:58

Tgt Ion:	113	Resp:	245585
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	23.2	19.3	28.9





#44

Trichloroethene

Concen: 34.299 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014271.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

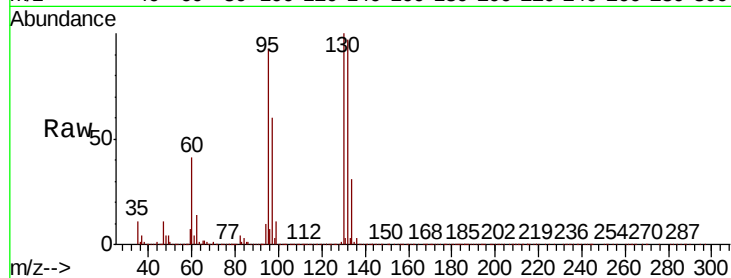
992-MW-02-(23.8)

Tot Ion:130 Resp: 223324

Ion Ratio Lower Upper

130 100

95 92.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

120000

100000

80000

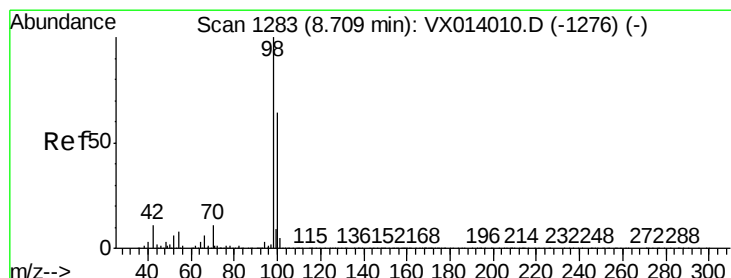
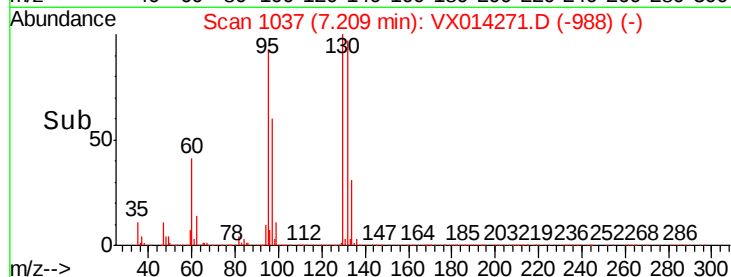
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 50.102 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014271.D

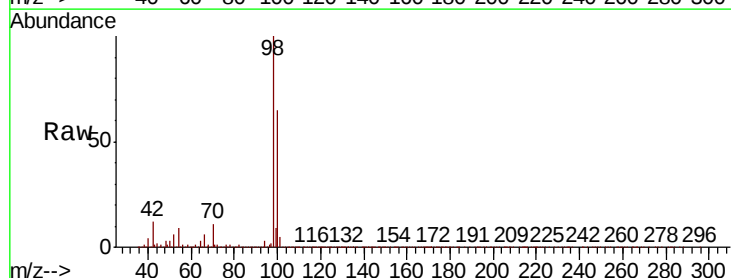
Acq: 26 Dec 2019 15:58

Tgt Ion: 98 Resp: 990079

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

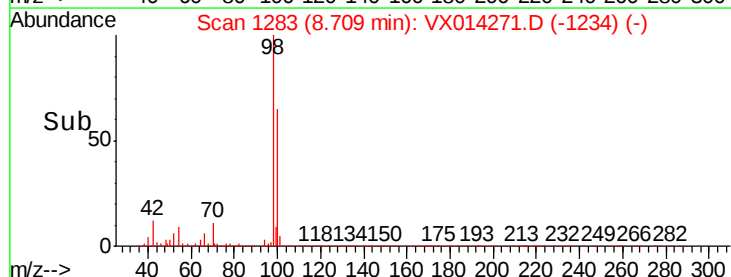
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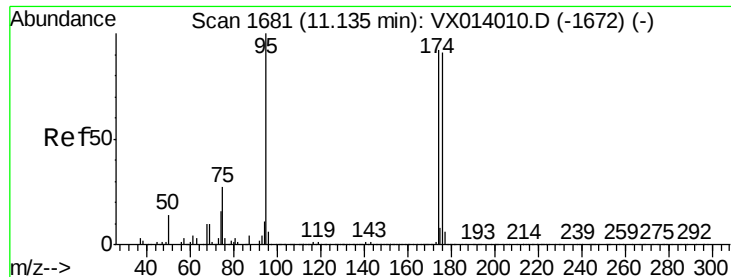
400000

200000

0

Time-->

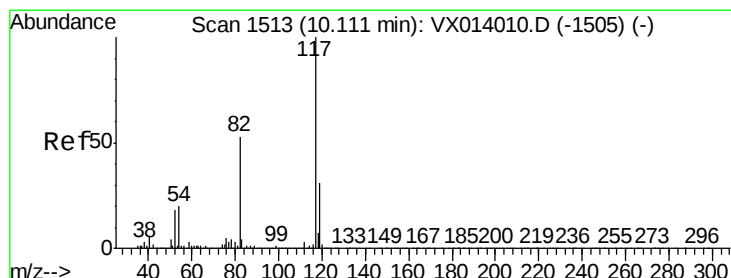
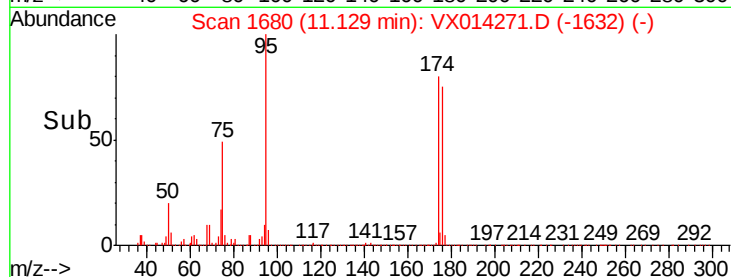
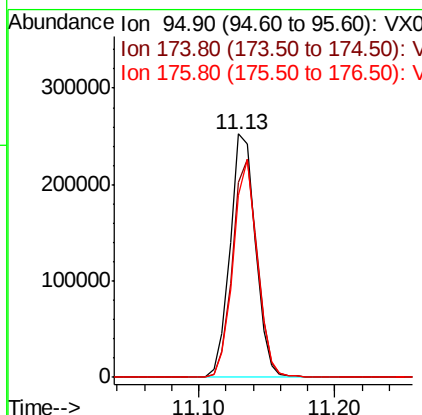
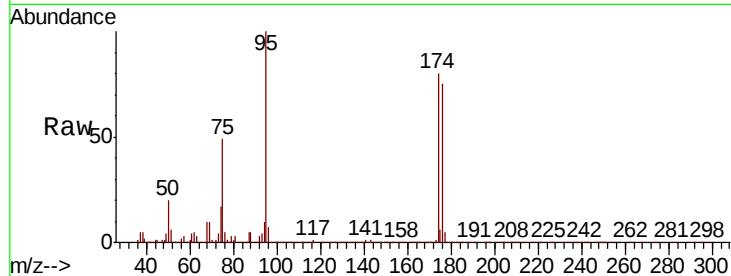




#62
4-Bromofluorobenzene
Concen: 45.531 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014271.D
Acq: 26 Dec 2019 15:58

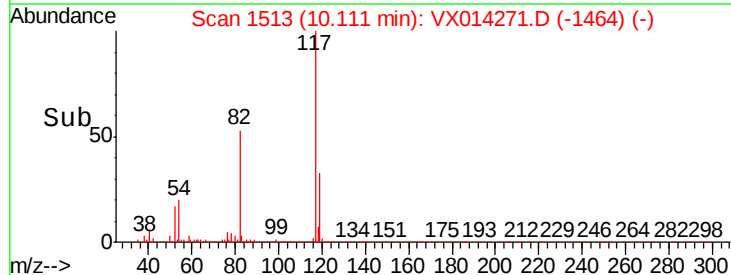
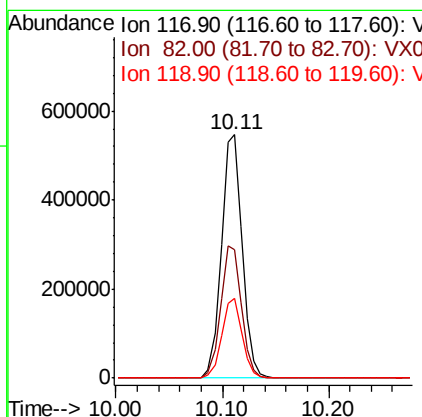
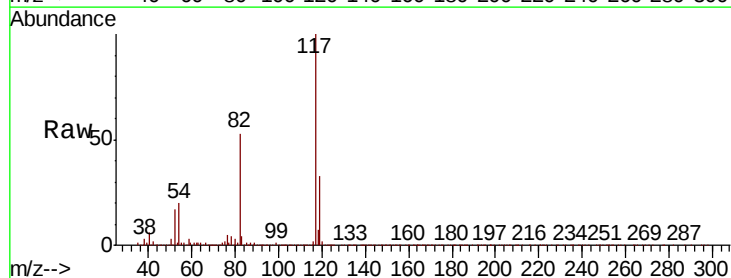
Instrument :
MSVOA_X
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992-MW-02-(23.8)

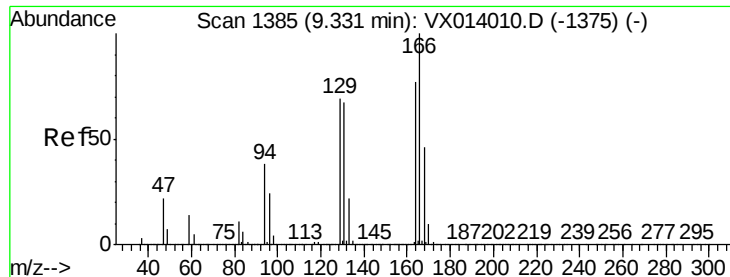
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	175.8
176	85.0	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014271.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	32.5	25.1	37.7





#64

Tetrachloroethene

Concen: 57.540 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014271.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

992-MW-02-(23.8)

Tot Ion:164 Resp: 378988

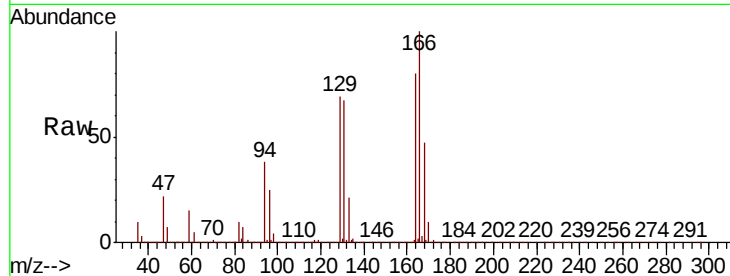
Ion Ratio Lower Upper

164 100

166 125.7 104.0 156.0

129 86.9 72.2 108.4

131 84.5 69.6 104.4

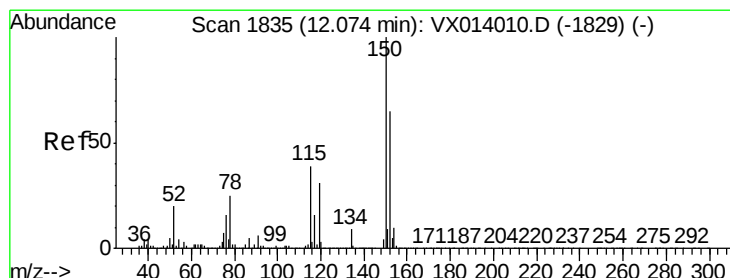
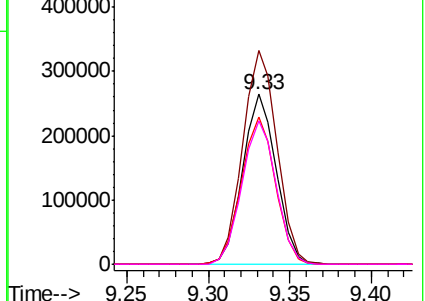
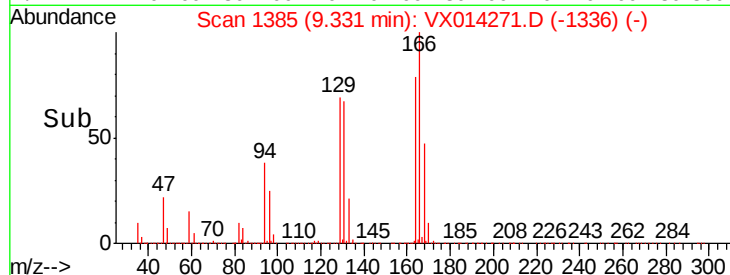


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014271.D

Acq: 26 Dec 2019 15:58

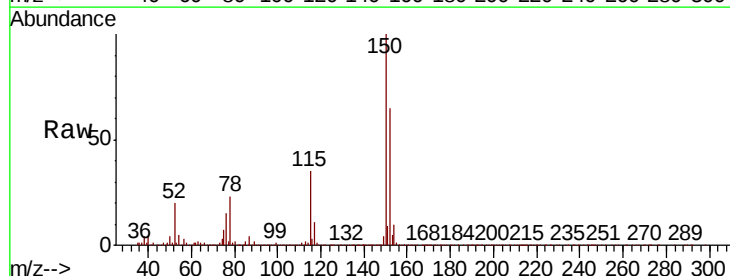
Tgt Ion:152 Resp: 328519

Ion Ratio Lower Upper

152 100

115 54.3 38.3 114.9

150 154.7 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

