

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014038.D
 Acq On : 16 Dec 2019 16:24
 Operator : JC/SP
 Sample : K6251-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 10:09:44 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

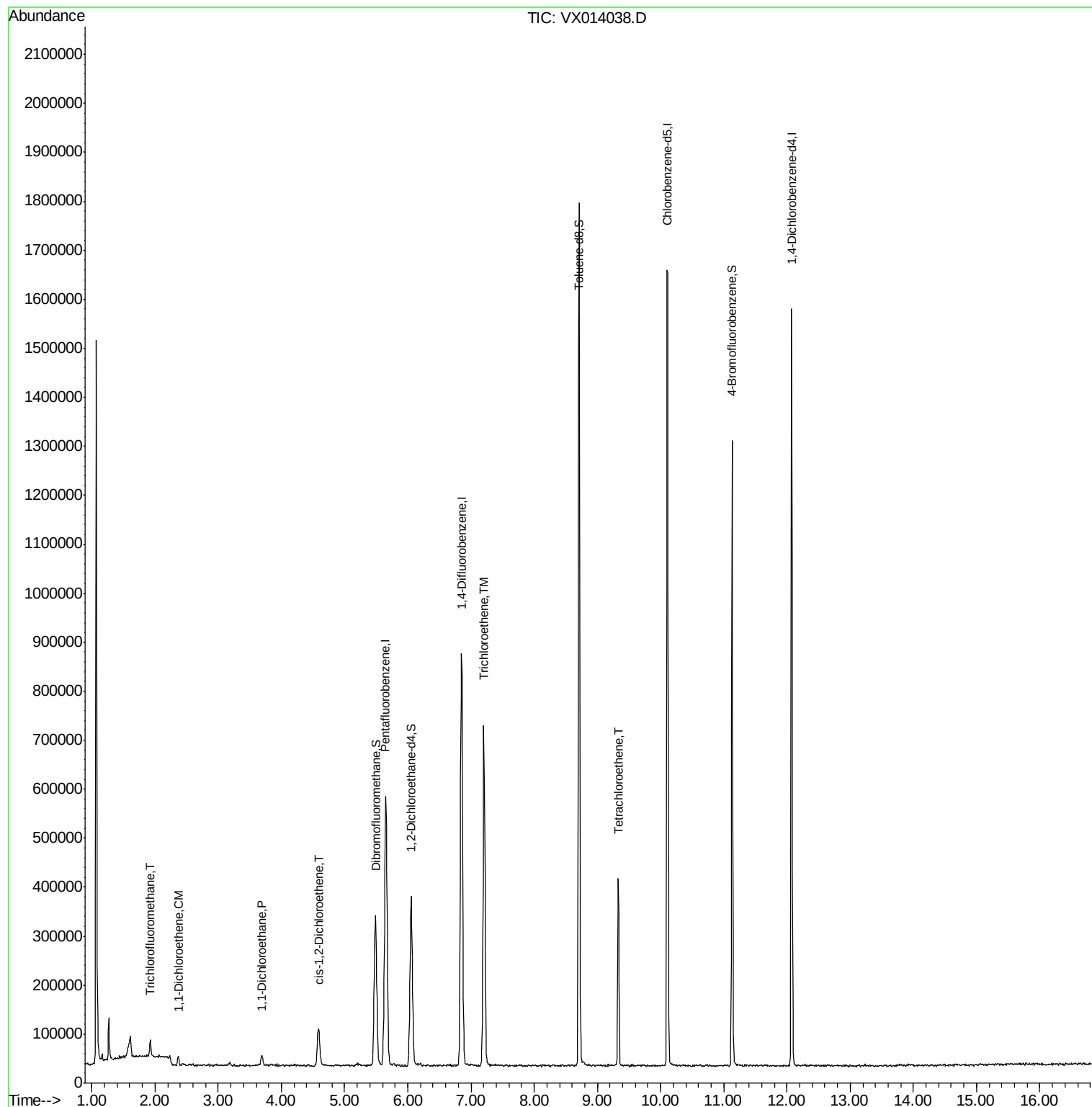
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	877824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	783428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	323851	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	261040	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	1036437	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	341476	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
Target Compounds						
7) Trichlorofluoromethane	1.92	101	21223	2.367	ug/l	97
12) 1,1-Dichloroethene	2.37	96	6910	1.257	ug/l	89
24) 1,1-Dichloroethane	3.69	63	24806	2.279	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	50739	7.406	ug/l	91
44) Trichloroethene	7.21	130	282627	41.288	ug/l	99
64) Tetrachloroethene	9.33	164	78388	11.308	ug/l	99

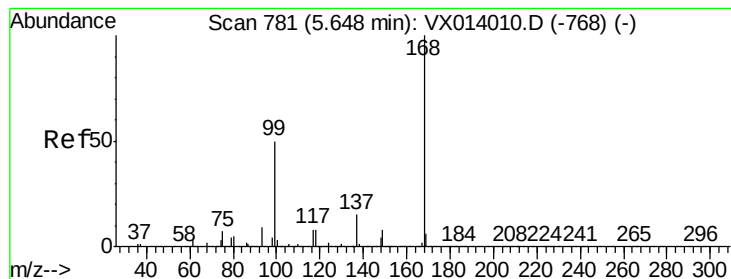
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. 0.00 min

Lab File: VX014038.D

Acq: 16 Dec 2019 16:24

Instrument :

MSVOA_X

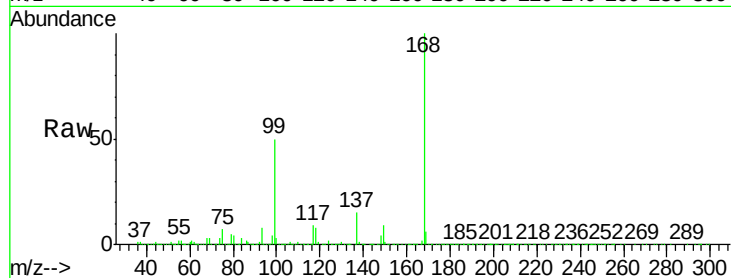
ClientSampleId :

Tot Ion:168 Resp: 571647

Ion Ratio Lower Upper

168 100

99 50.1 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

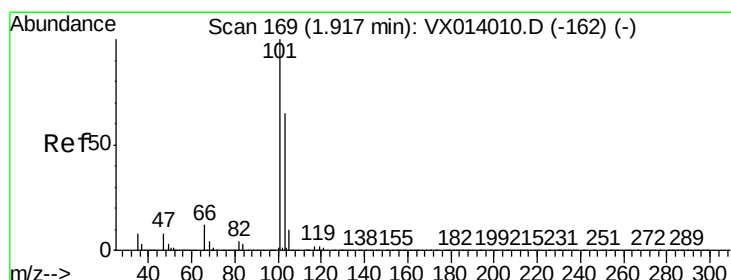
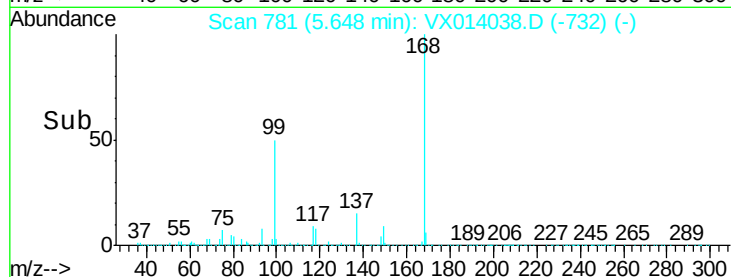
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.367 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX014038.D

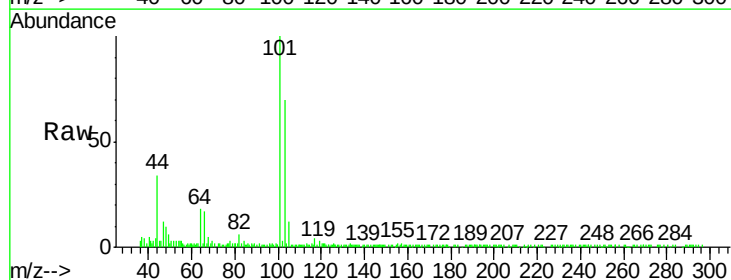
Acq: 16 Dec 2019 16:24

Tgt Ion:101 Resp: 21223

Ion Ratio Lower Upper

101 100

103 67.5 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

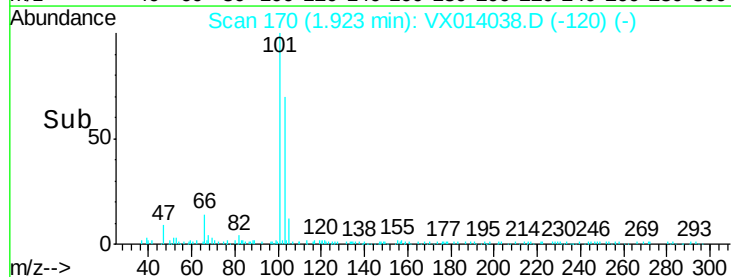
15000

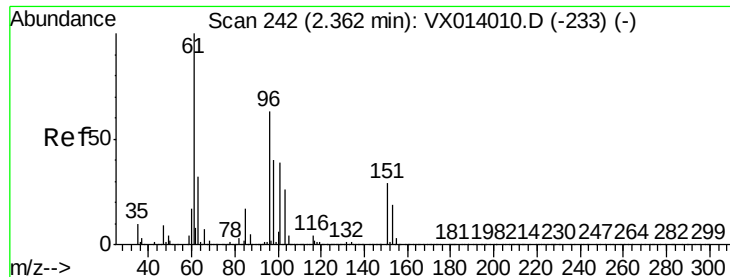
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.257 ug/l

RT: 2.37 min Scan# 243

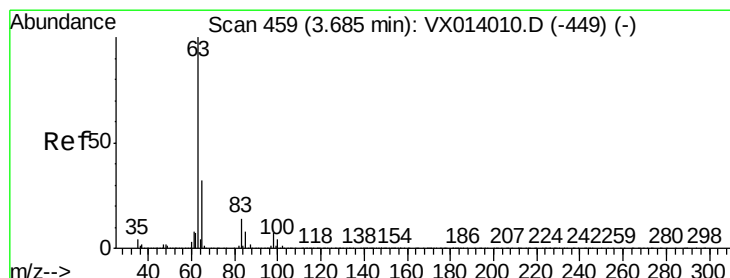
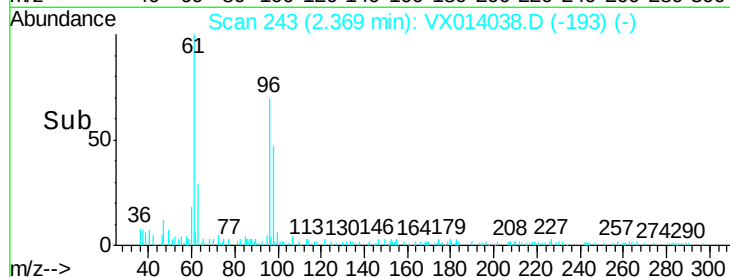
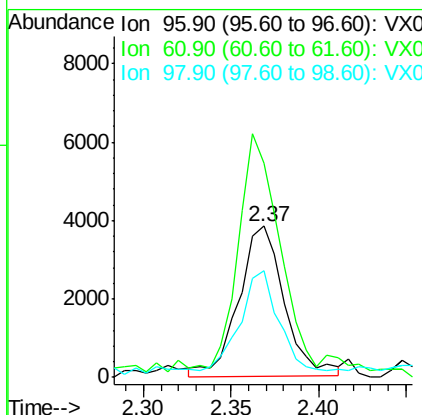
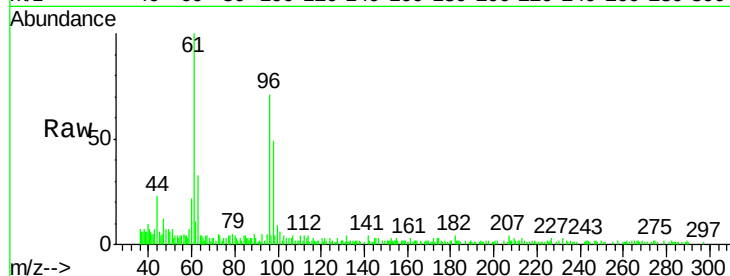
Delta R.T. 0.01 min

Lab File: VX014038.D

Acq: 16 Dec 2019 16:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	6910
Ion	Ratio	Lower	Upper
96	100		
61	143.7	127.9	191.9
98	68.7	50.5	75.7



#24

1,1-Dichloroethane

Concen: 2.279 ug/l

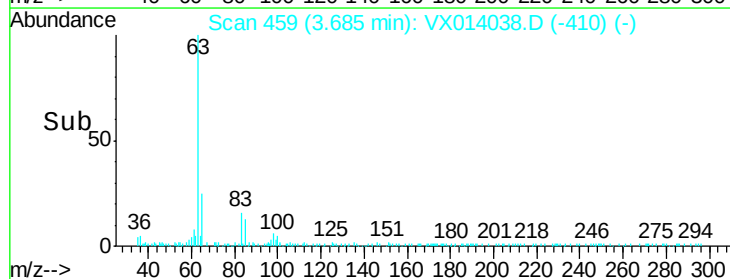
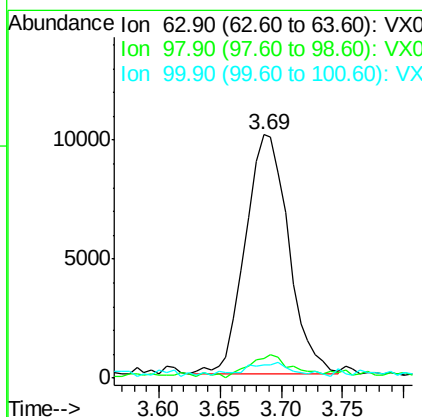
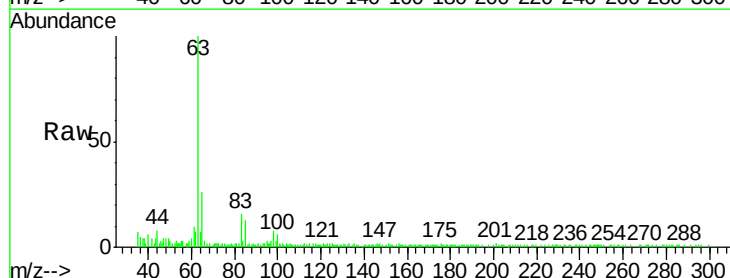
RT: 3.69 min Scan# 459

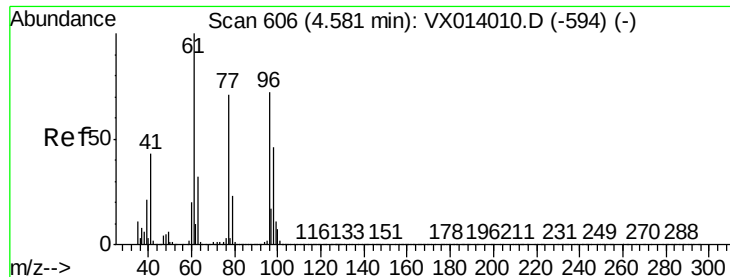
Delta R.T. 0.00 min

Lab File: VX014038.D

Acq: 16 Dec 2019 16:24

Tgt Ion:	63	Resp:	24806
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.6	10.8
100	3.3	2.3	6.8



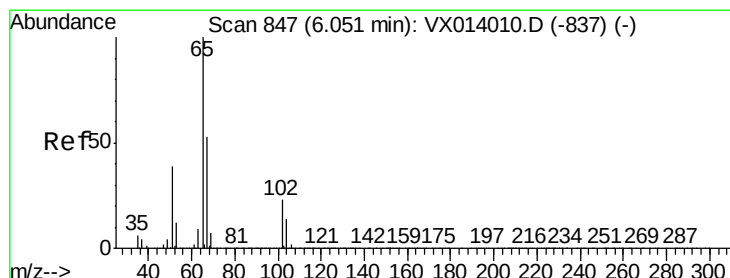
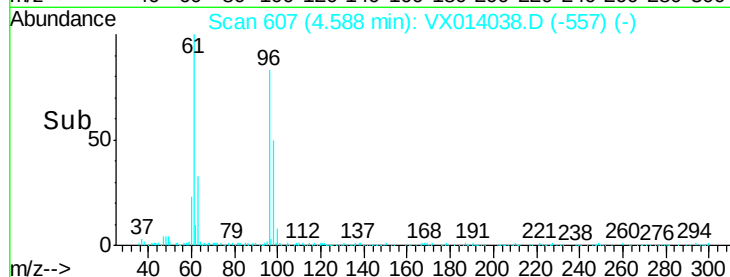
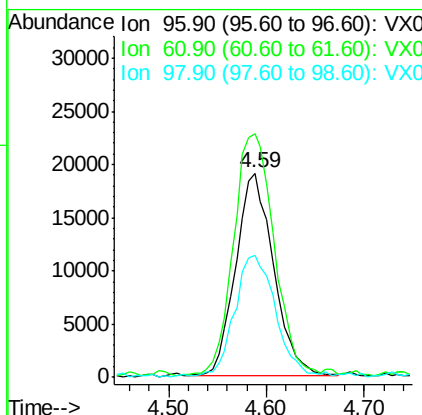
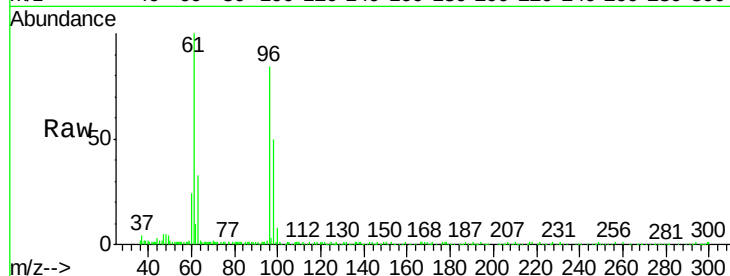


#27

cis-1,2-Dichloroethene
Concen: 7.406 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014038.D
Acq: 16 Dec 2019 16:24

Instrument :
MSVOA_X
ClientSampleId :

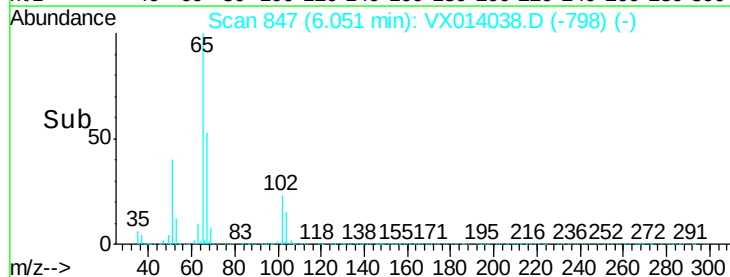
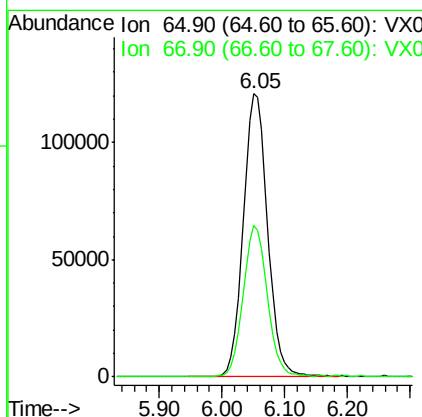
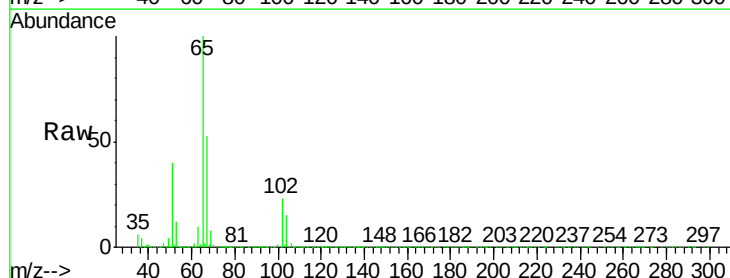
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	288.4
98	65.0	0.0	129.6

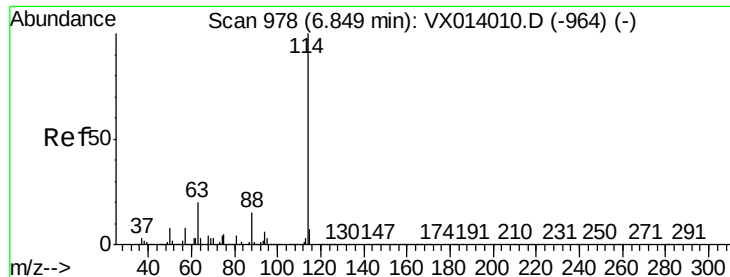


#33

1,2-Dichloroethane-d4
Concen: 49.986 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014038.D
Acq: 16 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4

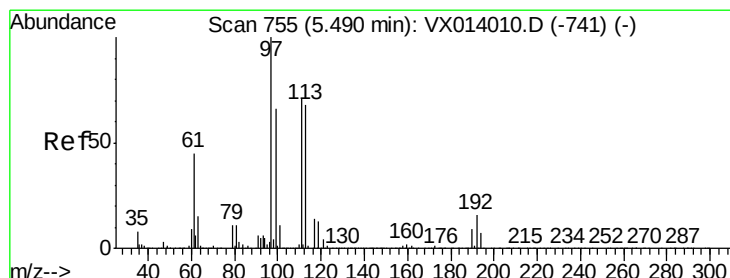
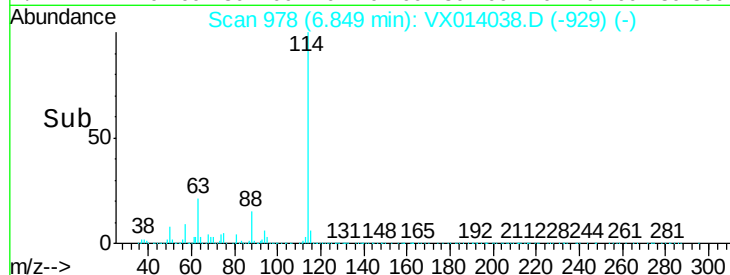
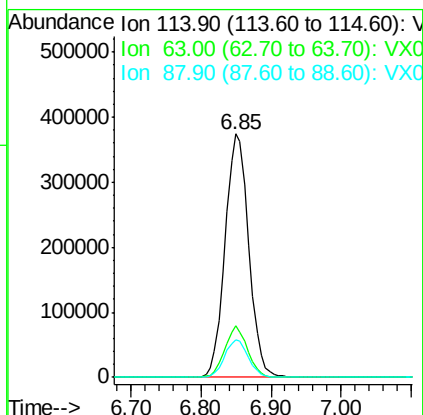
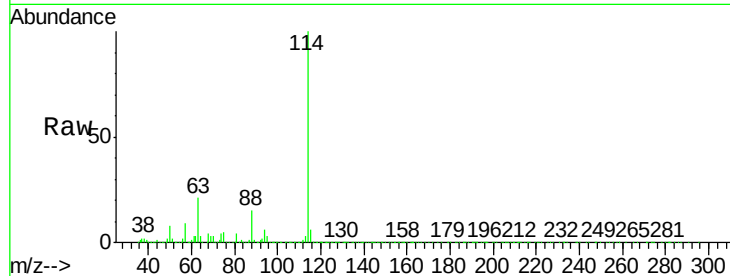




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014038.D
Acq: 16 Dec 2019 16:24

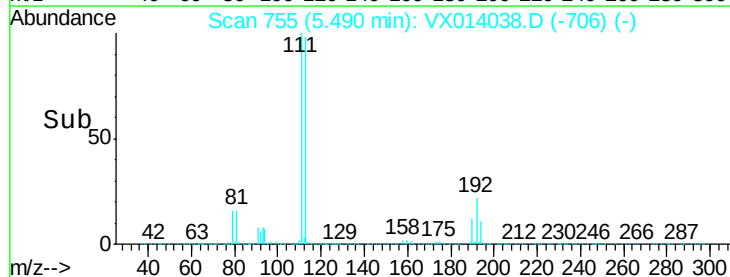
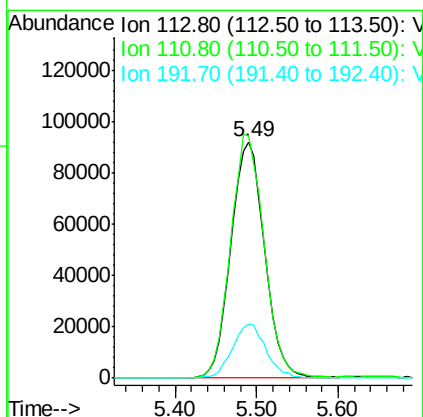
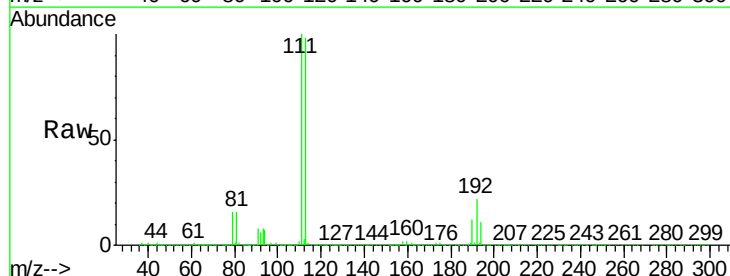
Instrument :
MSVOA_X
ClientSampleId :

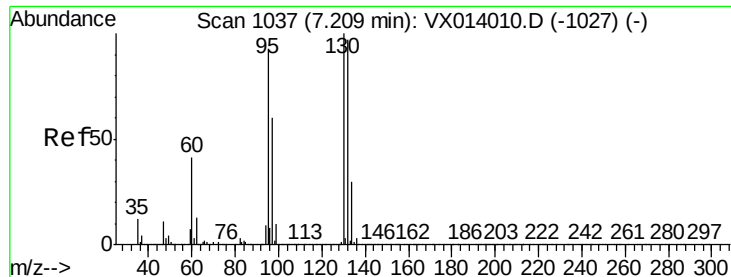
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	15.3	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.919 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014038.D
Acq: 16 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.0	19.3	28.9





#44

Trichloroethene

Concen: 41.288 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014038.D

Acq: 16 Dec 2019 16:24

Instrument :

MSVOA_X

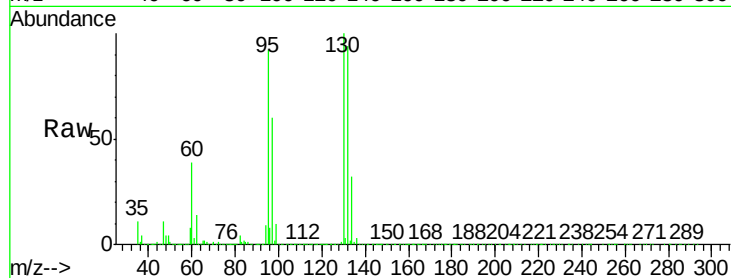
ClientSampleId :

Tot Ion:130 Resp: 282627

Ion Ratio Lower Upper

130 100

95 91.9 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

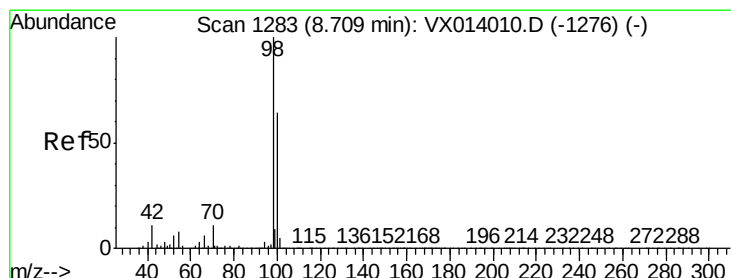
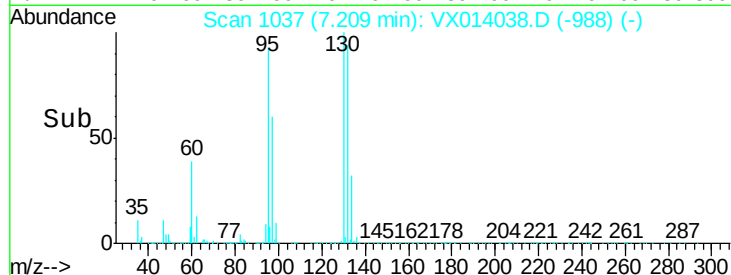
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.888 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014038.D

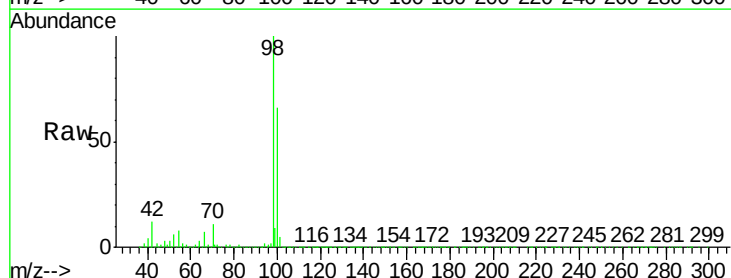
Acq: 16 Dec 2019 16:24

Tgt Ion: 98 Resp: 1036437

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

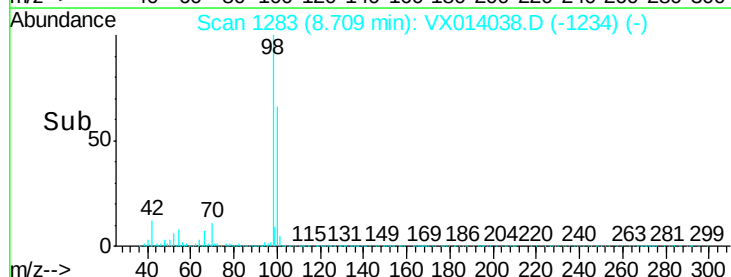
600000

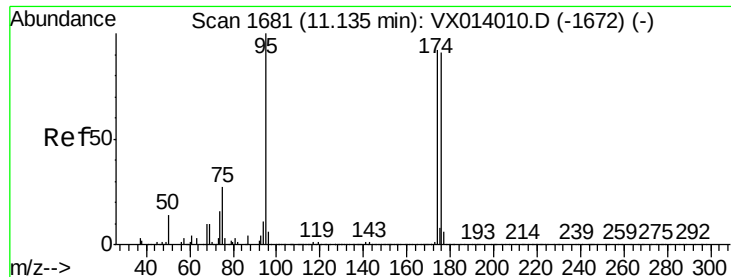
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014038.D

Acq: 16 Dec 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

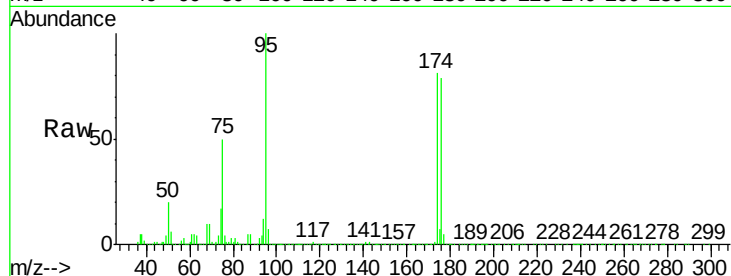
Tot Ion: 95 Resp: 341476

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

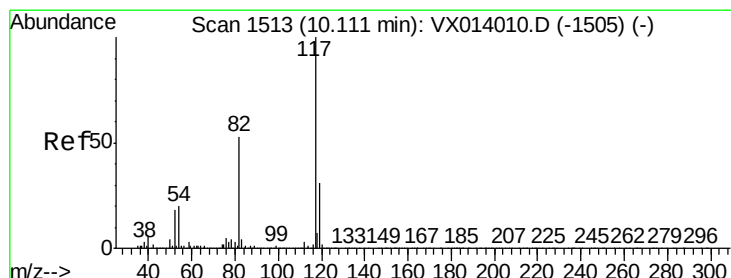
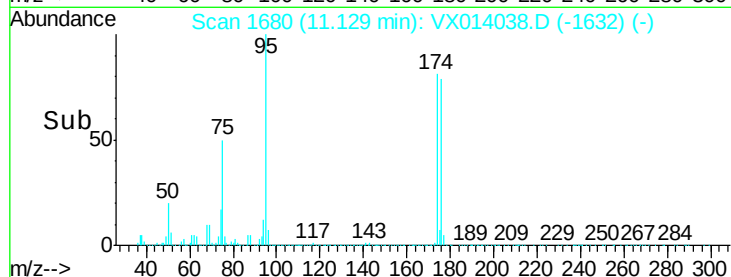
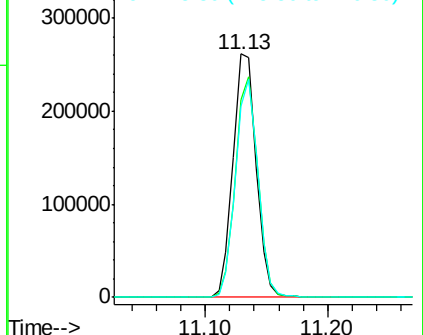
176 86.9 0.0 173.0



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: VX014038.D

Acq: 16 Dec 2019 16:24

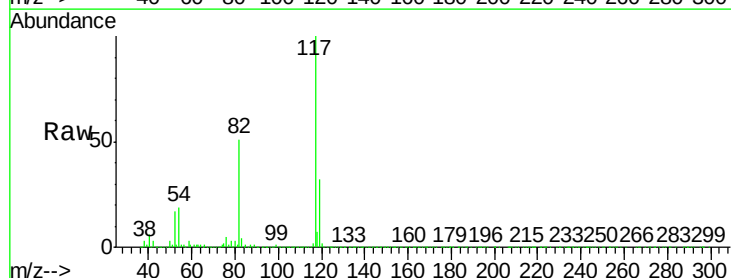
Tgt Ion: 117 Resp: 783428

Ion Ratio Lower Upper

117 100

82 51.4 42.2 63.4

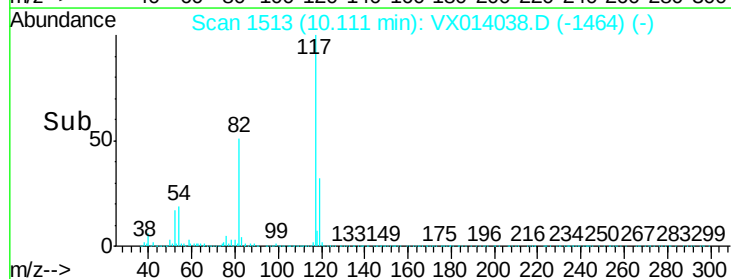
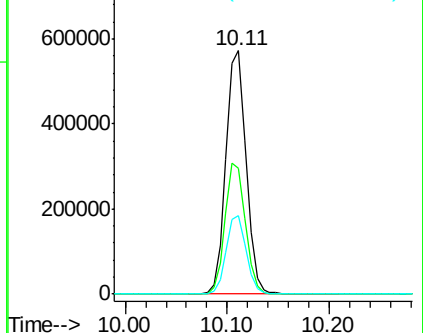
119 32.2 25.1 37.7

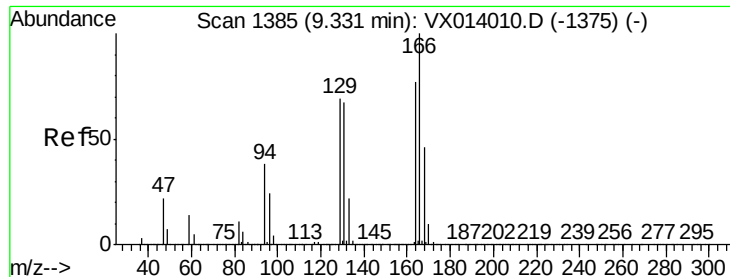


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

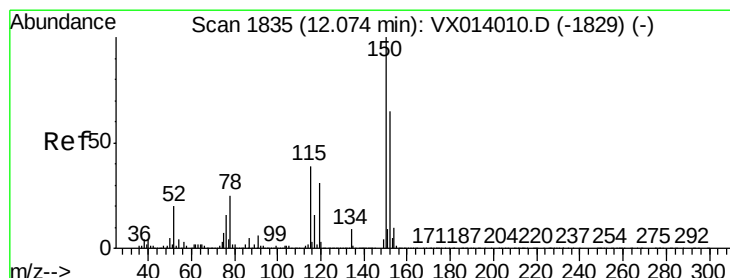
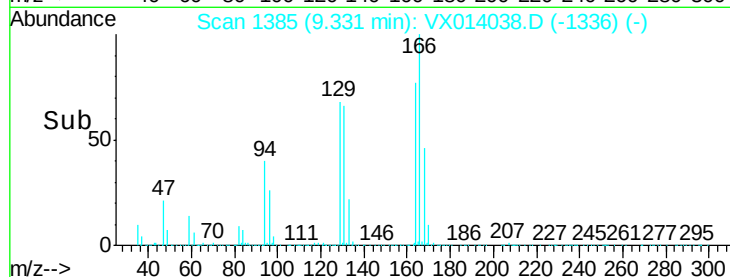
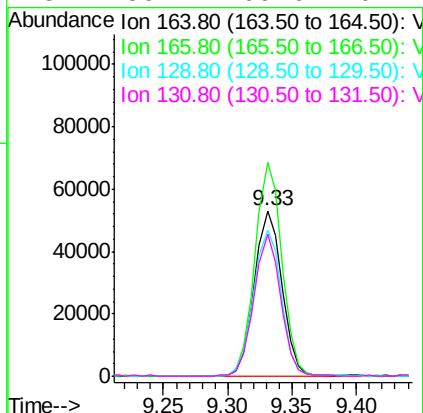
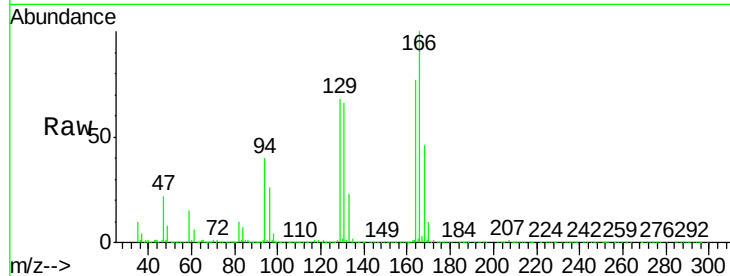




#64
Tetrachloroethene
Concen: 11.308 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014038.D
Acq: 16 Dec 2019 16:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.0	104.0	156.0
129	88.0	72.2	108.4
131	85.7	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: VX014038.D
Acq: 16 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.3	114.9
150	157.9	0.0	345.4

