

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008098.D
 Acq On : 15 Mar 2019 04:13
 Operator : JC/SP
 Sample : K1839-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20190308

Quant Time: Mar 15 05:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	446115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	427236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148514	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	142756	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	540336	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	198414	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

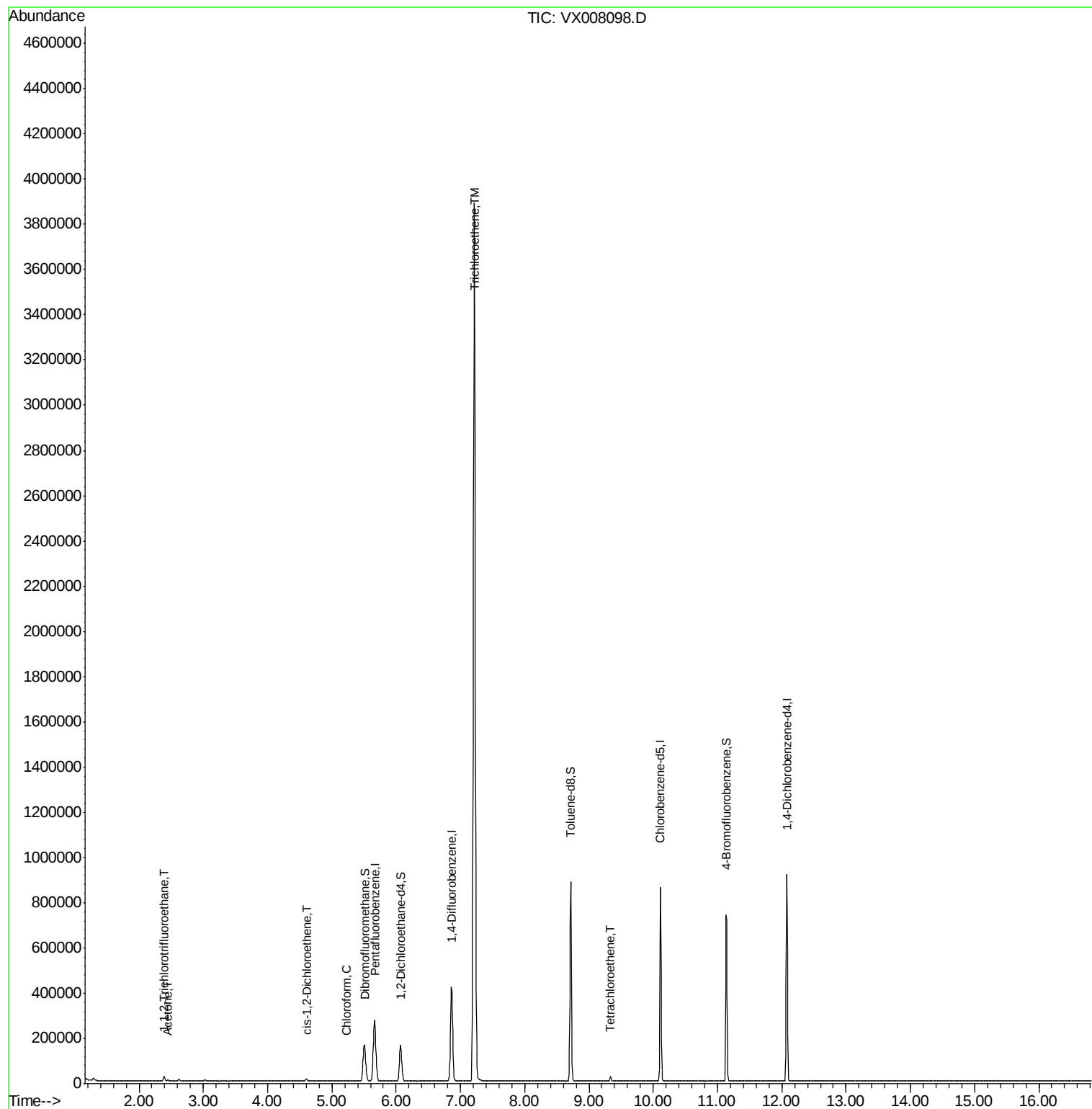
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7755	3.294	ug/l	95
16) Acetone	2.45	43	3809	2.740	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	6840	2.400	ug/l	87
30) Chloroform	5.22	83	2214	0.495	ug/l	88
44) Trichloroethene	7.21	130	1614537	497.573	ug/l	99
64) Tetrachloroethene	9.34	164	4519	1.305	ug/l	94

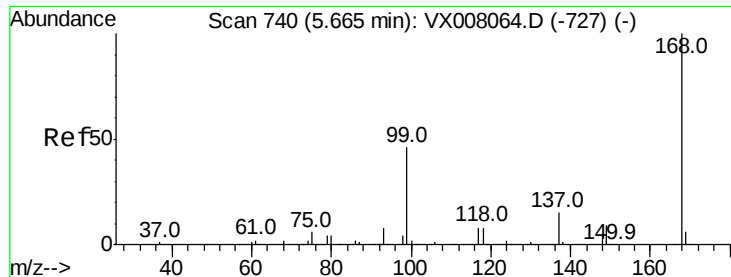
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

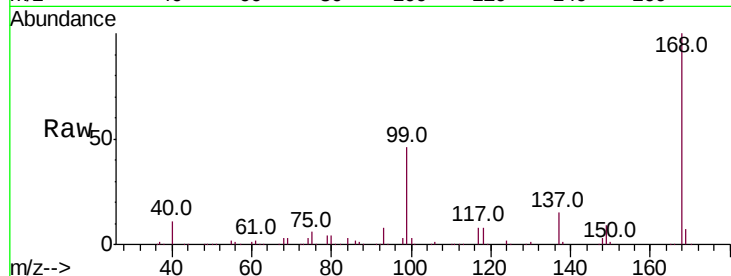
DUP03-20190308

Tot Ion:168 Resp: 291873

Ion Ratio Lower Upper

168 100

99 45.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

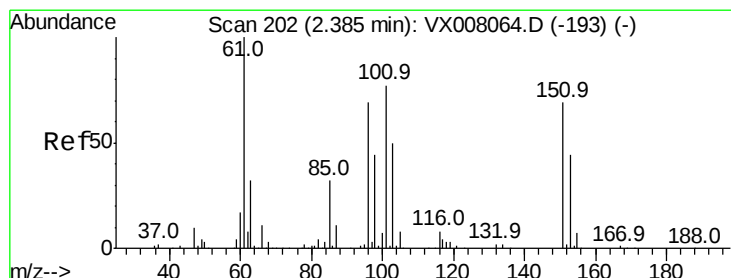
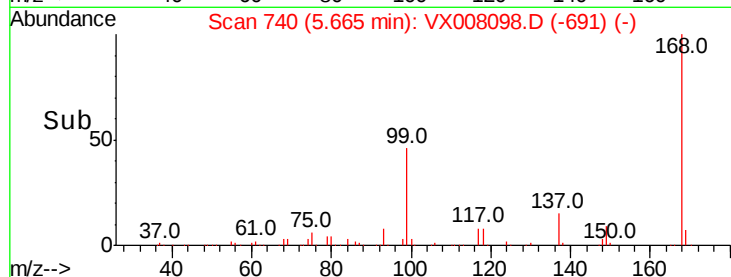
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.294 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

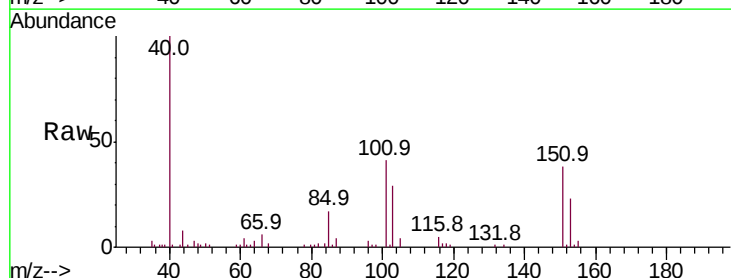
Tgt Ion:101 Resp: 7755

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.6

151 92.9 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

5000

4000

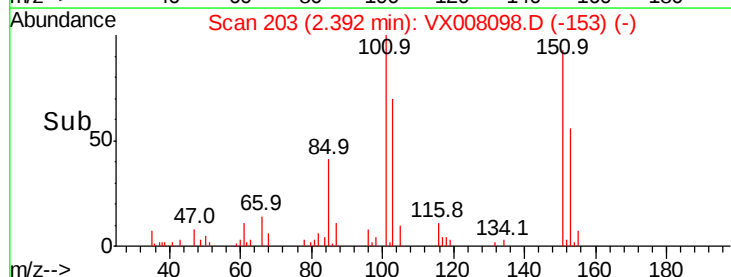
3000

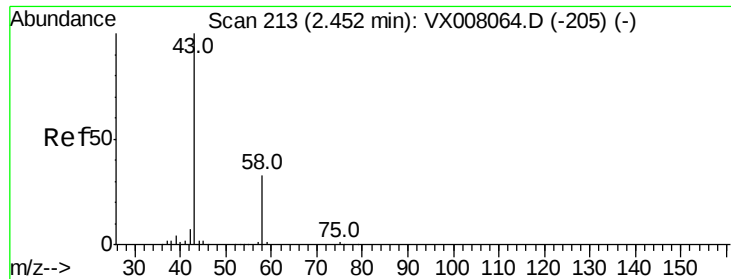
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.740 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

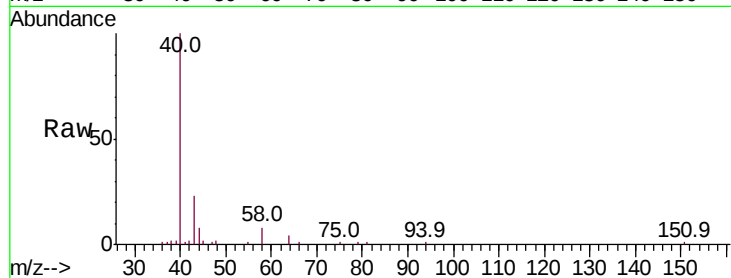
DUP03-20190308

Tot Ion: 43 Resp: 3809

Ion Ratio Lower Upper

43 100

58 34.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

1500

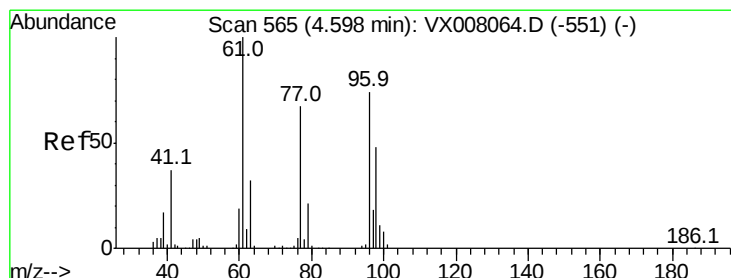
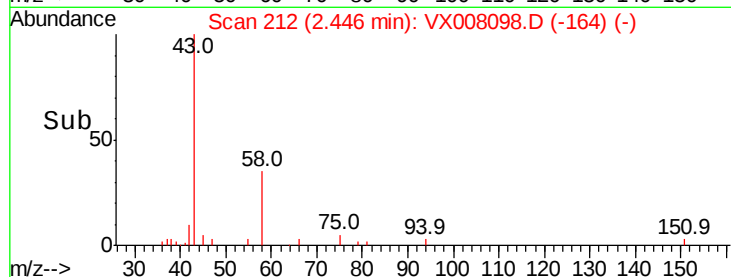
1000

500

0

2.40 2.45 2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.400 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

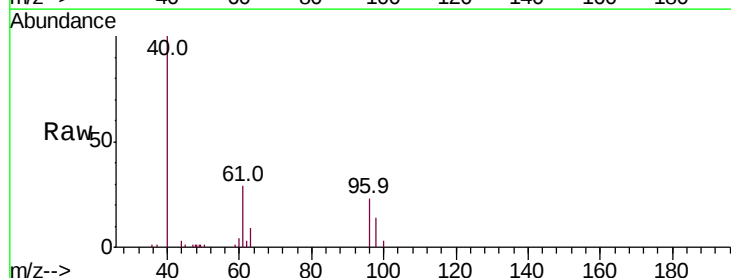
Tgt Ion: 96 Resp: 6840

Ion Ratio Lower Upper

96 100

61 121.6 0.0 288.0

98 62.7 0.0 129.0



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

4000

3000

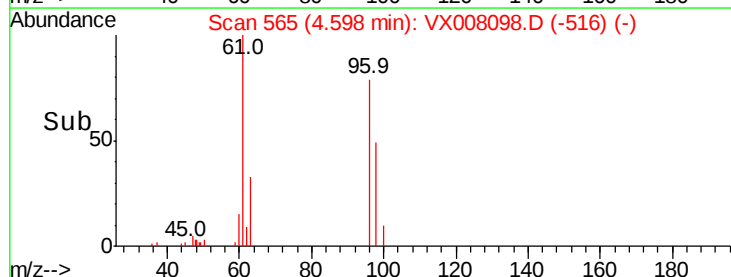
2000

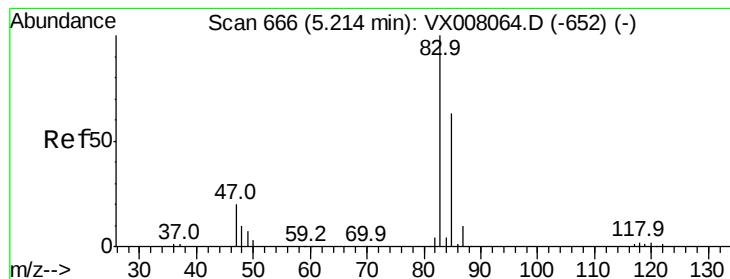
1000

0

4.50 4.55 4.60 4.65 4.70

Time-->





#30

Chloroform

Concen: 0.495 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

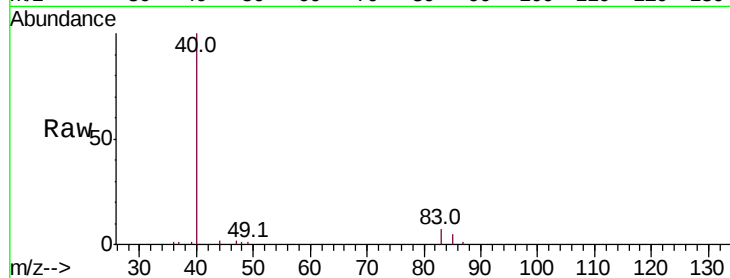
DUP03-20190308

Tot Ion: 83 Resp: 2214

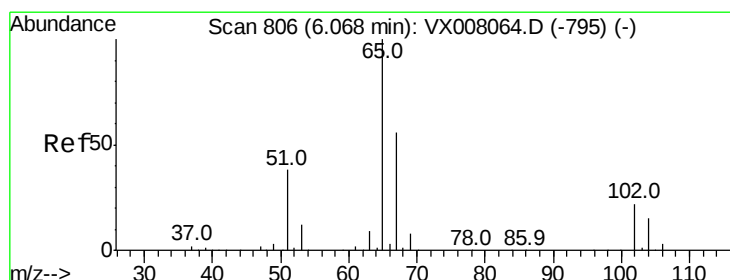
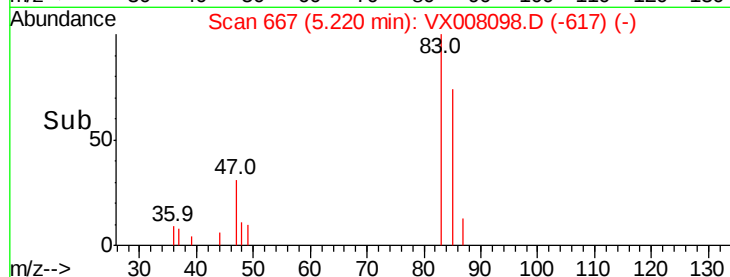
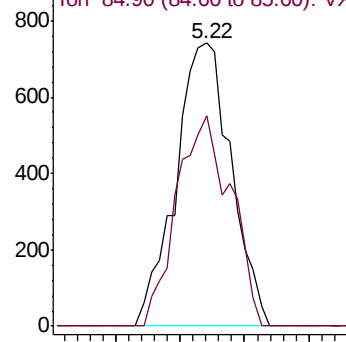
Ion Ratio Lower Upper

83 100

85 74.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.442 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008098.D

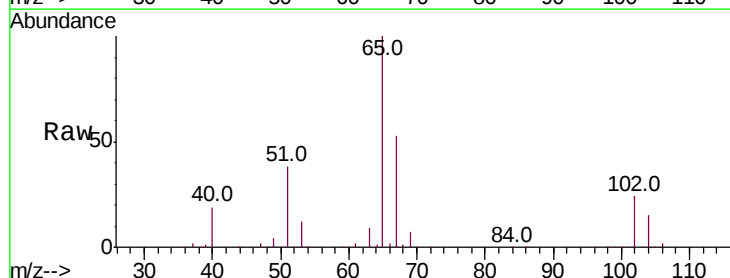
Acq: 15 Mar 2019 04:13

Tgt Ion: 65 Resp: 148514

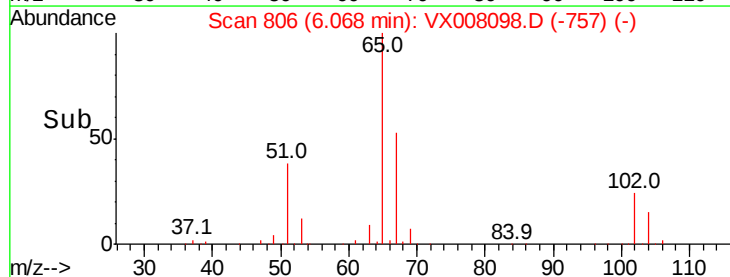
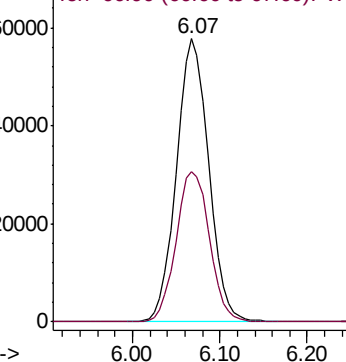
Ion Ratio Lower Upper

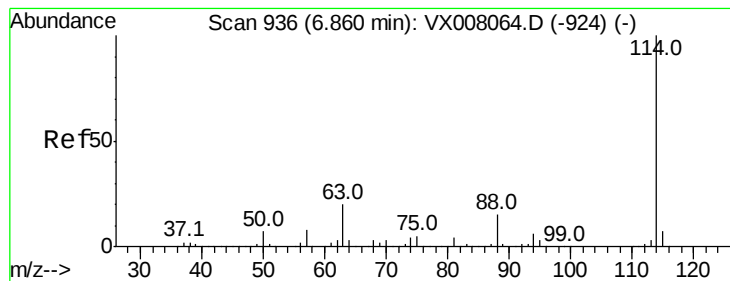
65 100

67 55.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190308

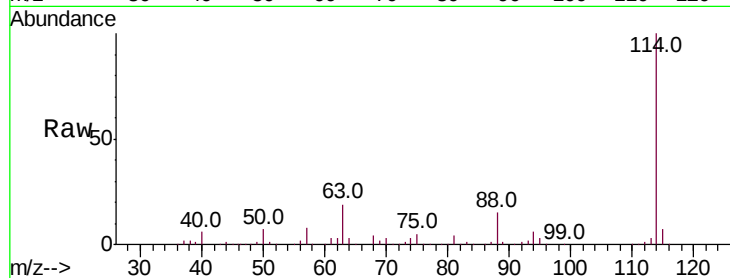
Tot Ion:114 Resp: 446115

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

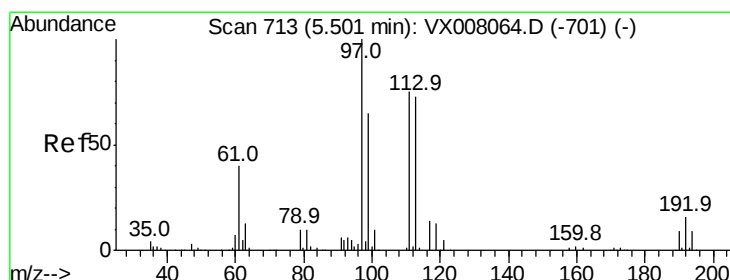
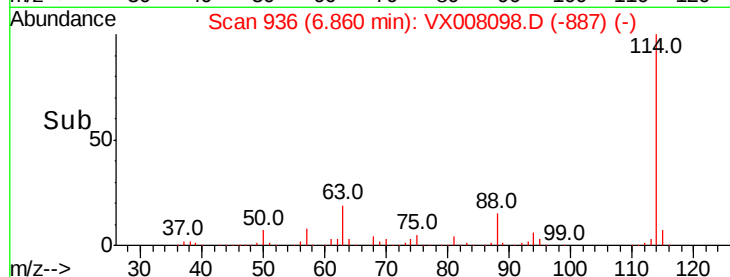
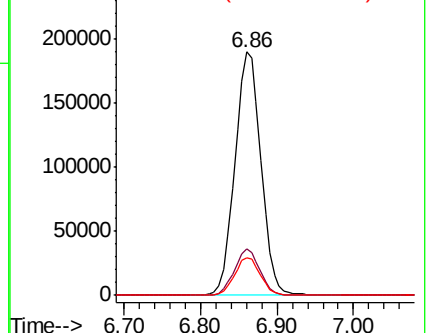
88 15.5 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 50.461 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008098.D

Acq: 15 Mar 2019 04:13

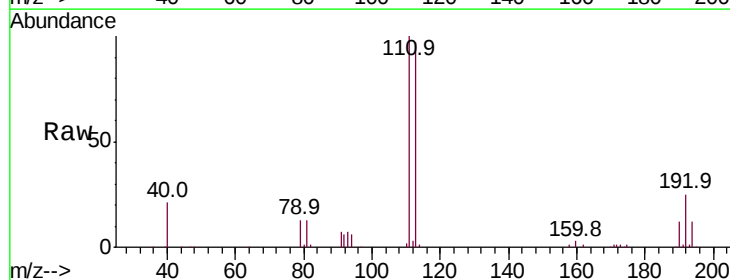
Tgt Ion:113 Resp: 142756

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

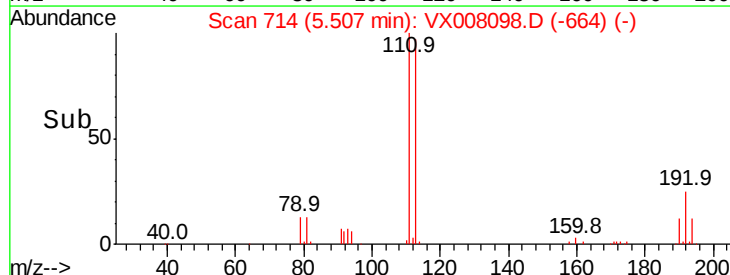
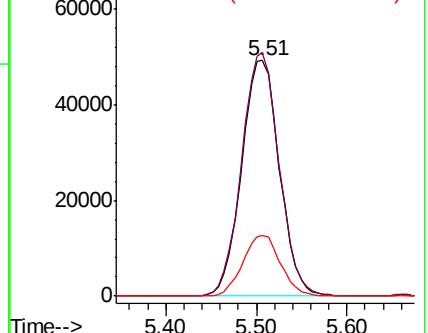
192 25.7 19.4 29.0

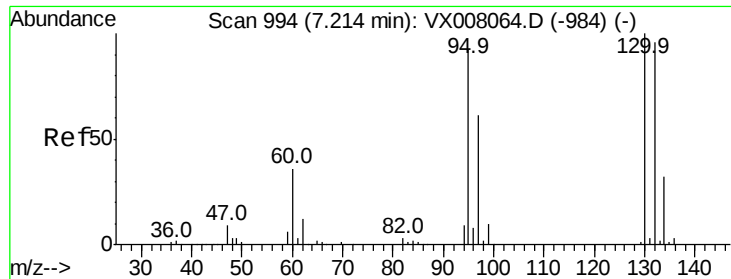


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

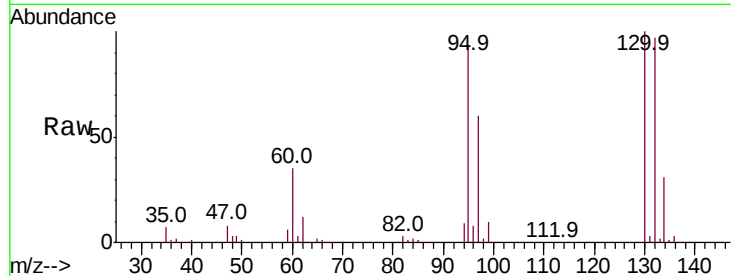




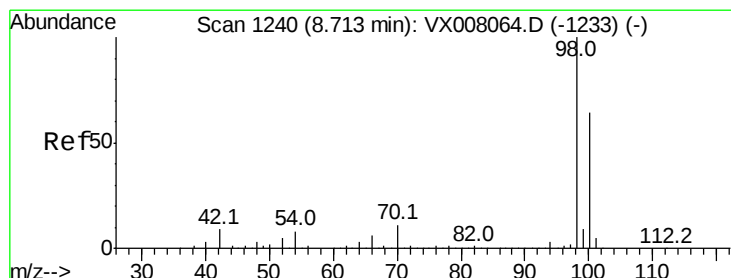
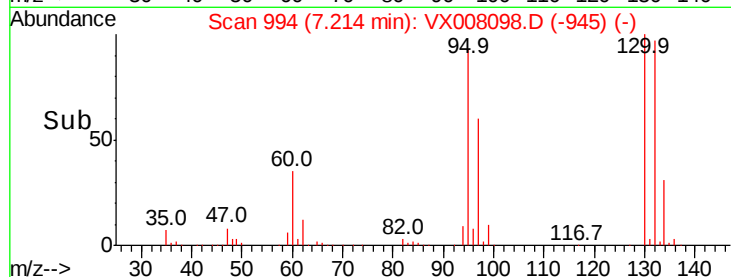
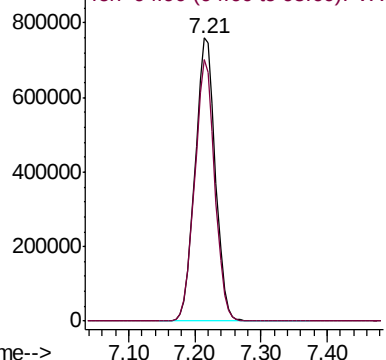
#44
 Trichloroethene
 Concen: 497.573 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008098.D
 Acq: 15 Mar 2019 04:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20190308

Tot Ion:130 Resp: 1614537
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 188.0

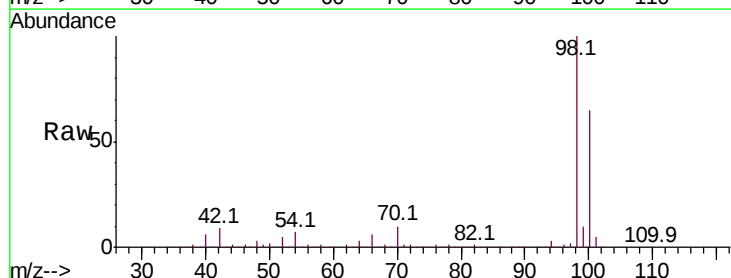


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

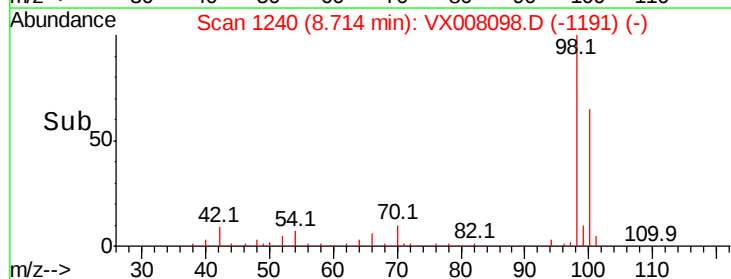
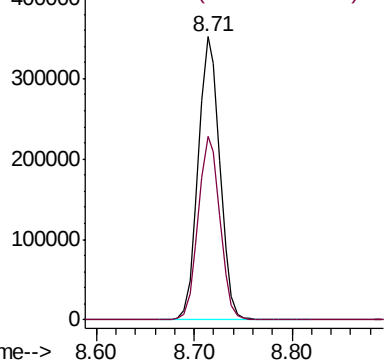


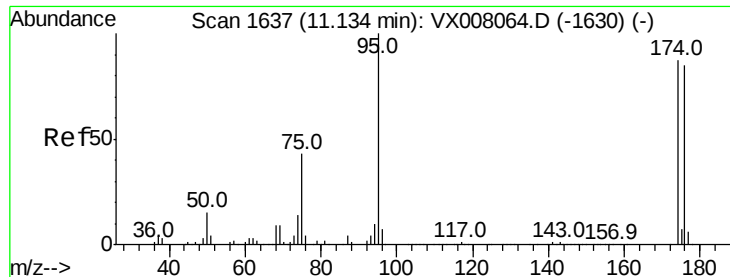
#50
 Toluene-d8
 Concen: 50.219 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008098.D
 Acq: 15 Mar 2019 04:13

Tgt Ion: 98 Resp: 540336
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

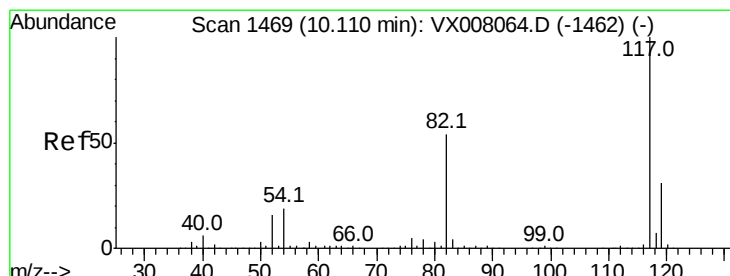
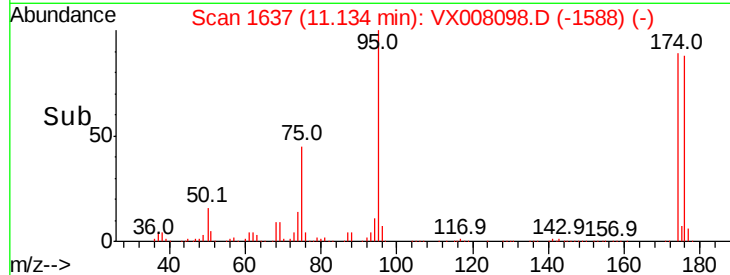
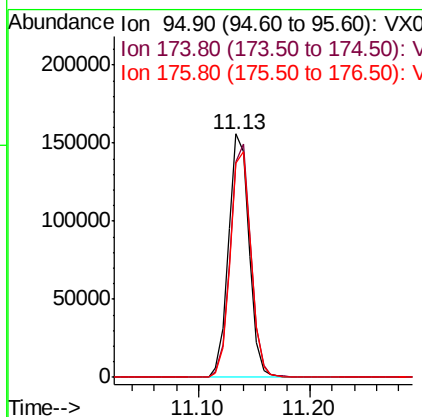
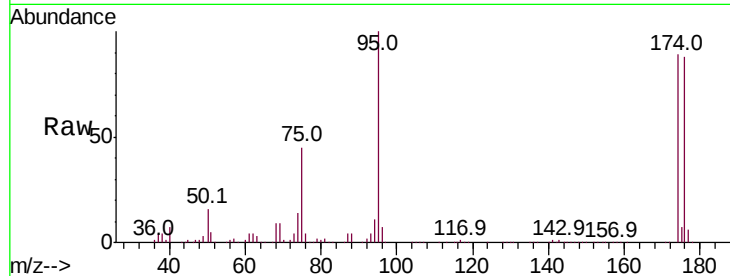




#62
4-Bromofluorobenzene
Concen: 51.476 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008098.D
Acq: 15 Mar 2019 04:13

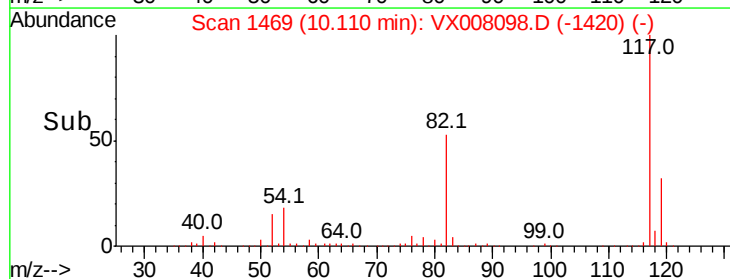
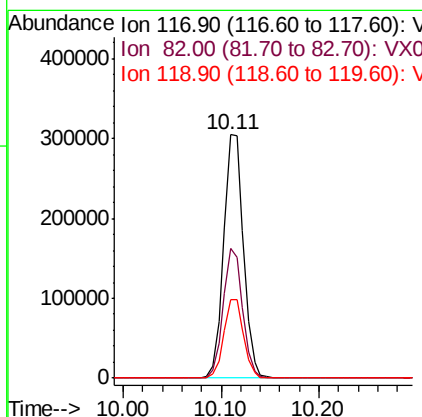
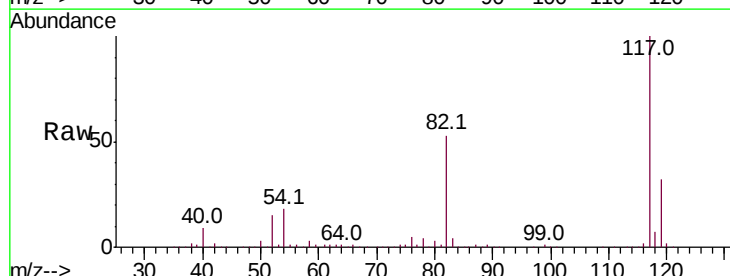
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MSVOA_X
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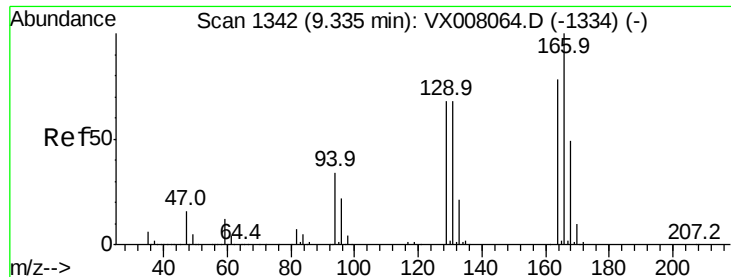
Tot Ion: 95 Resp: 198414
Ion Ratio Lower Upper
95 100
174 95.6 0.0 182.8
176 93.5 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008098.D
Acq: 15 Mar 2019 04:13

Tgt Ion: 117 Resp: 427236
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.5 25.3 37.9

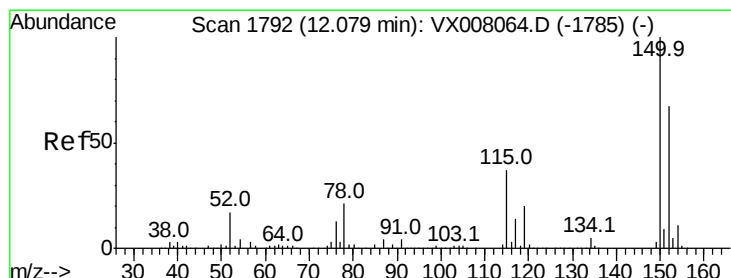
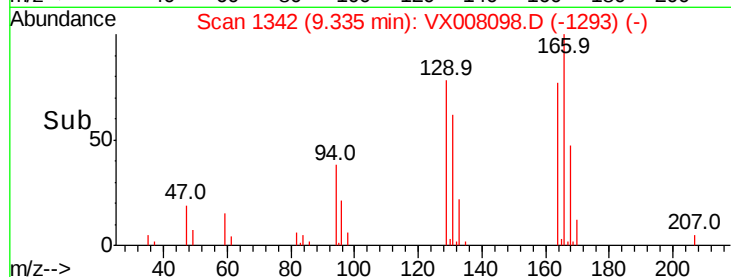
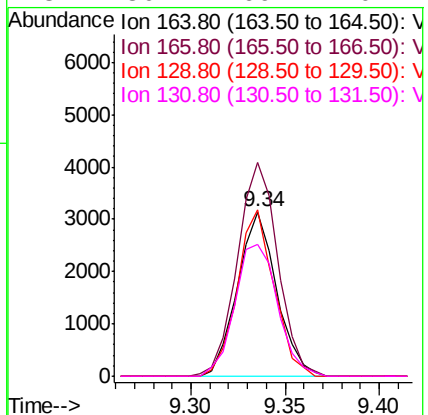
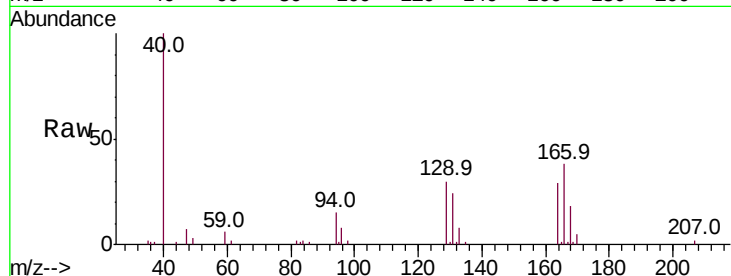




#64
Tetrachloroethene
Concen: 1.305 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008098.D
Acq: 15 Mar 2019 04:13

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190308

Tot Ion:164 Resp: 4519
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.0
129 101.9 72.2 108.4
131 80.2 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008098.D
Acq: 15 Mar 2019 04:13

Tgt Ion:152 Resp: 210234
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 157.0 0.0 348.4

