

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102618\
 Data File : VX005635.D
 Acq On : 27 Oct 2018 05:34
 Operator : JC/MD
 Sample : J5692-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ172I-20181024

Quant Time: Nov 09 11:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

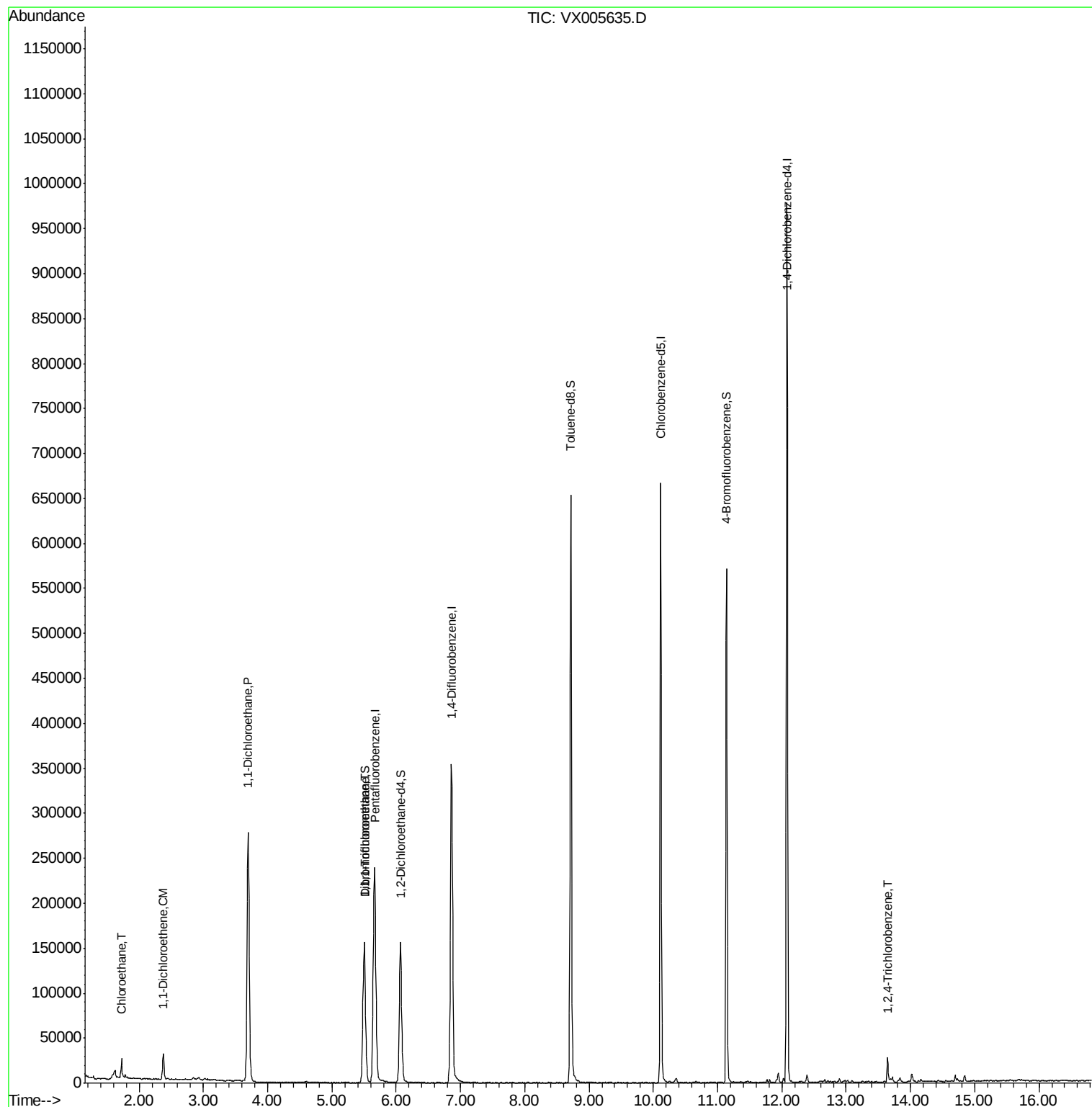
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149896	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	5.50	113	119715	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	8.72	98	411550	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	11.14	95	146048	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
Target Compounds						
6) Chloroethane	1.73	64	15941	8.270	ug/l	94
12) 1,1-Dichloroethene	2.38	96	9624	4.200	ug/l	92
24) 1,1-Dichloroethane	3.70	63	316060	65.088	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	11131	2.777	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	6307	1.289	ug/l	96

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

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QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005635.D

Acq: 27 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

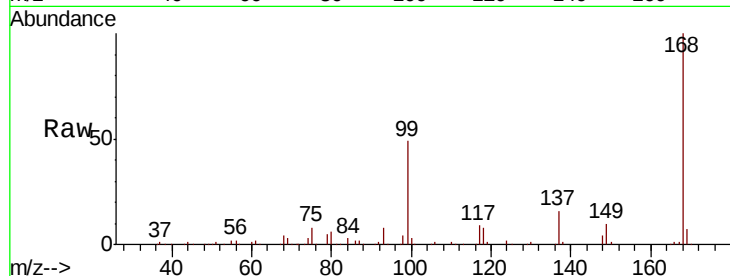
SA-PZ172I-20181024

Tot Ion:168 Resp: 244132

Ion Ratio Lower Upper

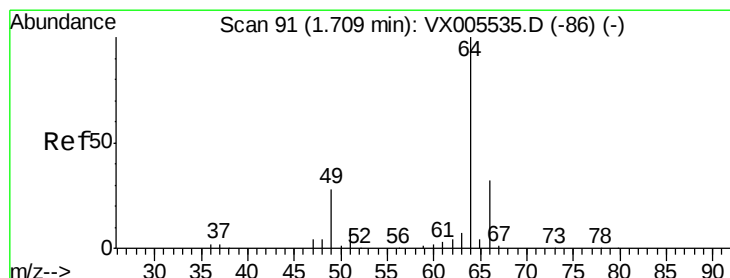
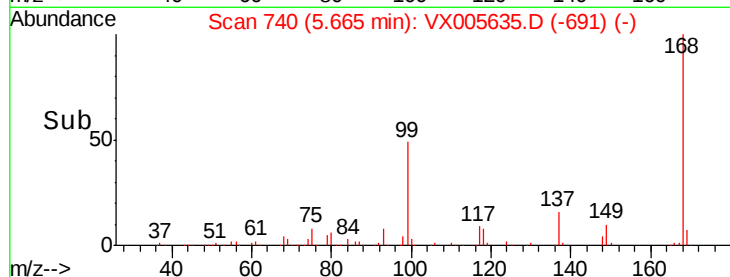
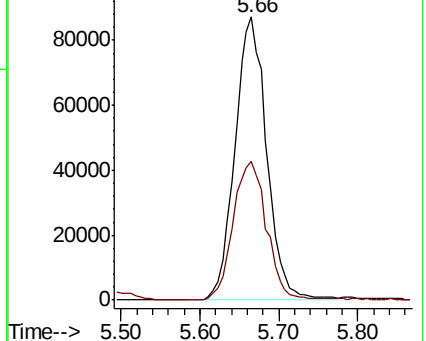
168 100

99 49.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 8.270 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005635.D

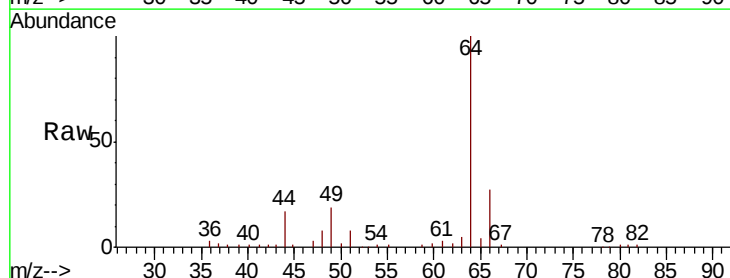
Acq: 27 Oct 2018 05:34

Tgt Ion: 64 Resp: 15941

Ion Ratio Lower Upper

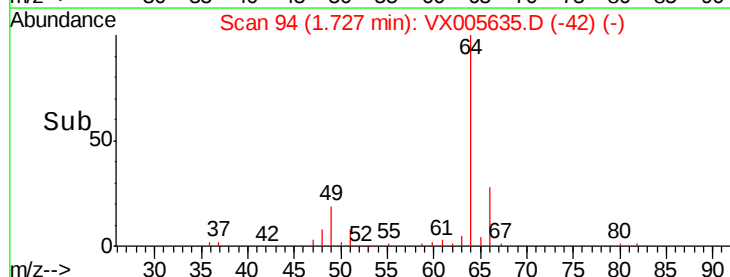
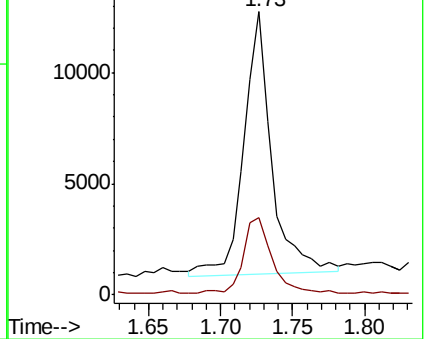
64 100

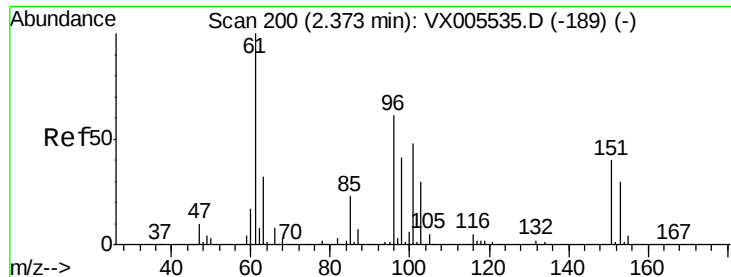
66 29.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

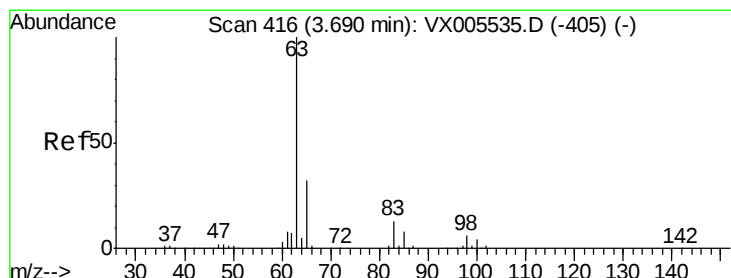
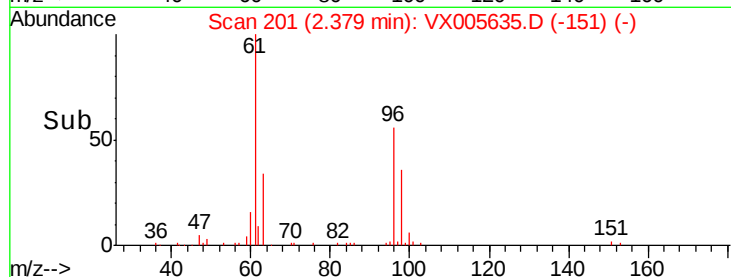
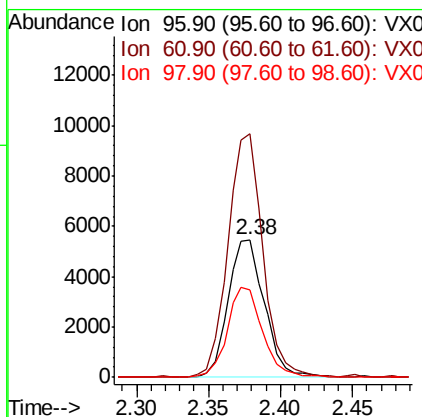
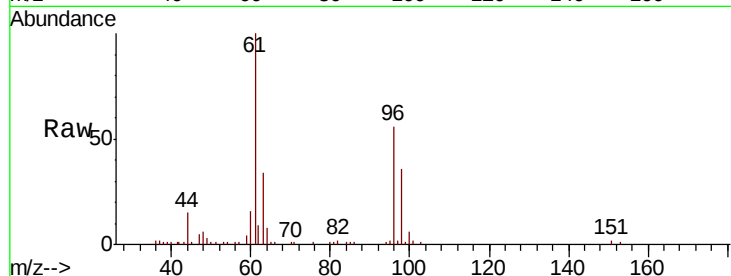




#12
 1,1-Dichloroethene
 Concen: 4.200 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX005635.D
 Acq: 27 Oct 2018 05:34

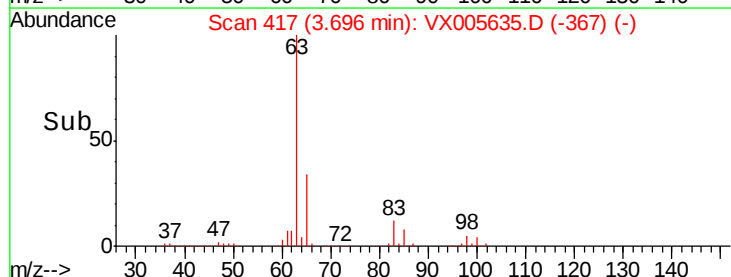
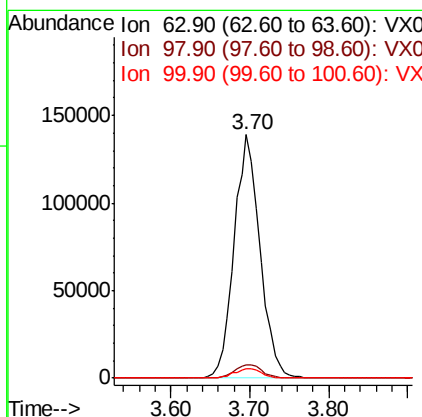
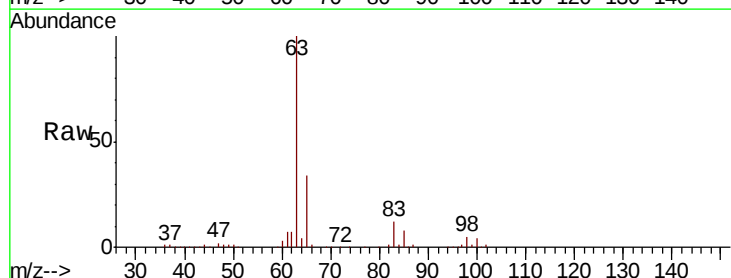
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ172I-20181024

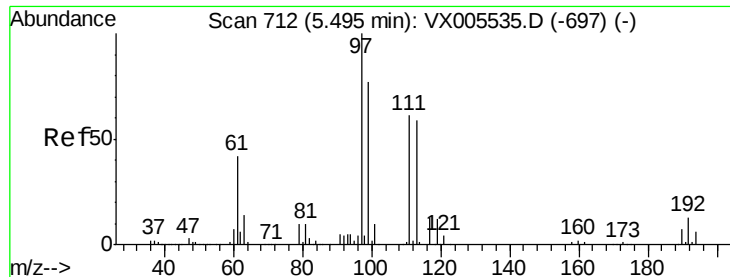
Tot Ion	Ratio	Lower	Upper
96	100		
61	177.2	131.8	197.8
98	63.5	53.4	80.2



#24
 1,1-Dichloroethane
 Concen: 65.088 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005635.D
 Acq: 27 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.2	9.6
100	3.7	2.1	6.2





#32

1,1,1-Trichloroethane

Concen: 2.777 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005635.D

Acq: 27 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ172I-20181024

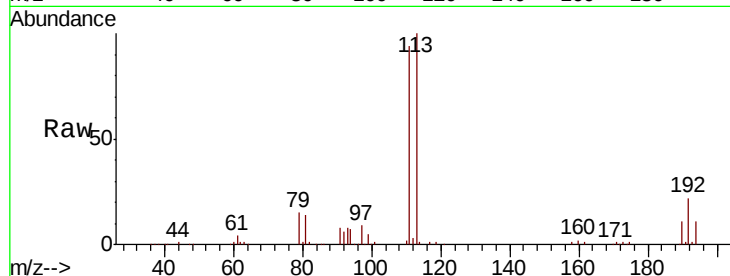
Tot Ion: 97 Resp: 11131

Ion Ratio Lower Upper

97 100

99 69.1 52.3 78.5

61 43.7 35.2 52.8

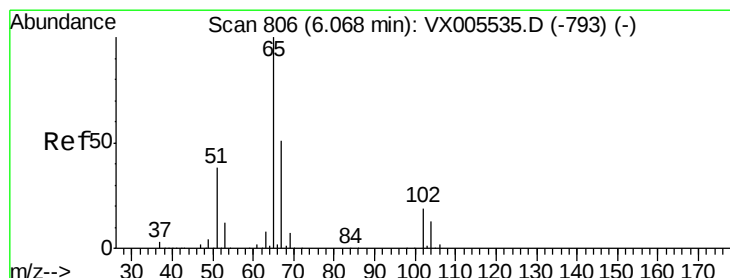
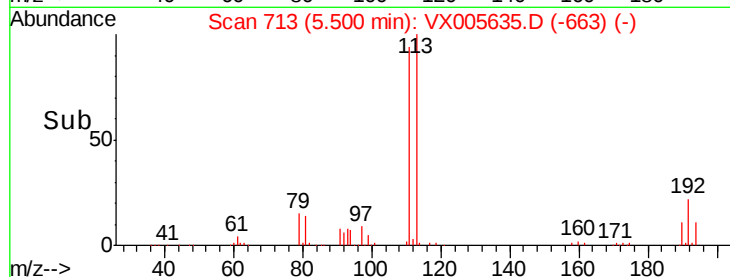
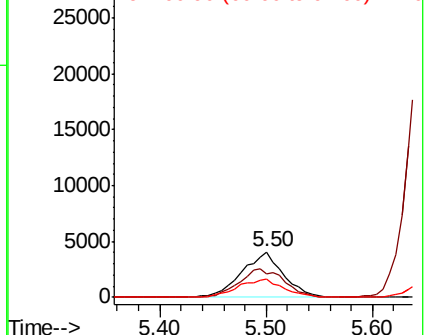


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.299 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005635.D

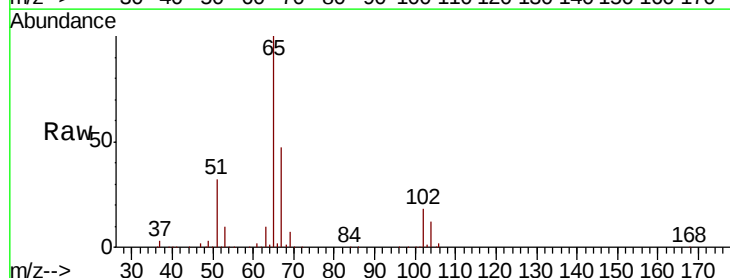
Acq: 27 Oct 2018 05:34

Tgt Ion: 65 Resp: 149896

Ion Ratio Lower Upper

65 100

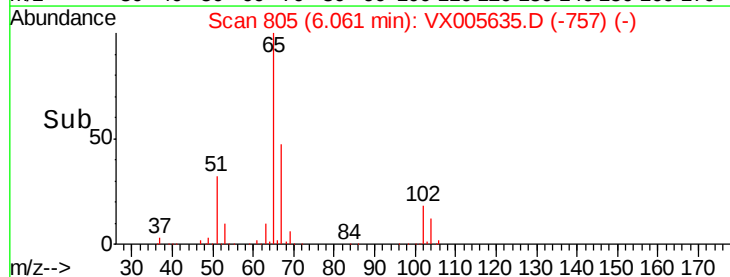
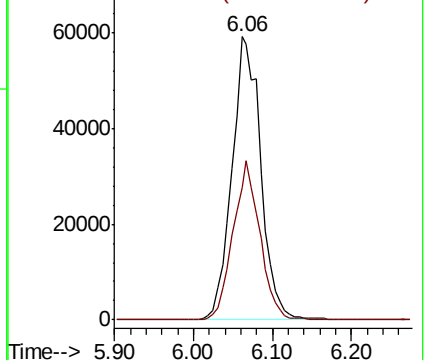
67 52.6 0.0 105.0

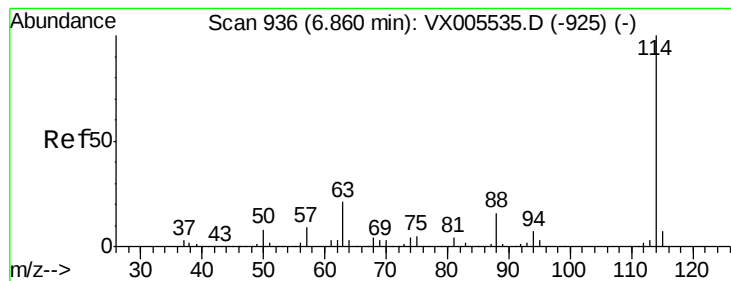


Abundance

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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005635.D

Acq: 27 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ172I-20181024

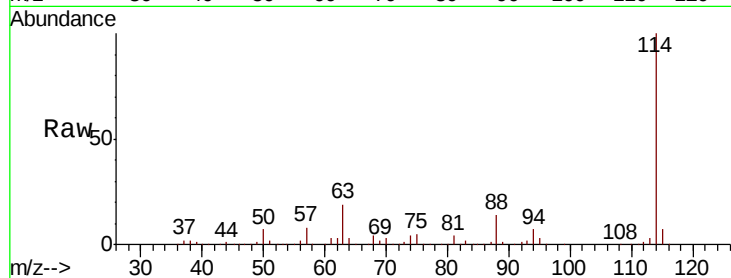
Tot Ion:114 Resp: 379966

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

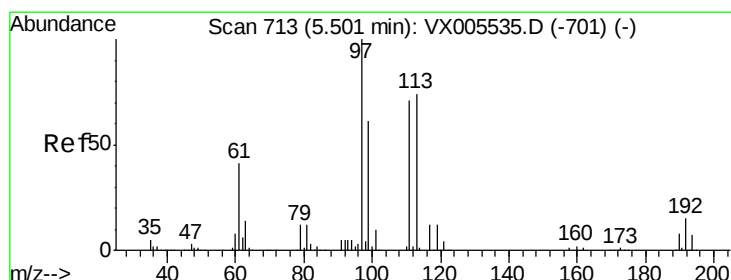
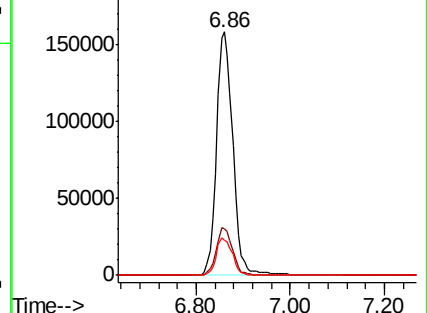
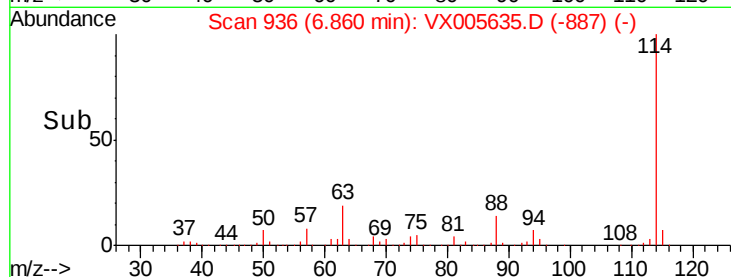
88 14.4 0.0 31.2



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: 46.531 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005635.D

Acq: 27 Oct 2018 05:34

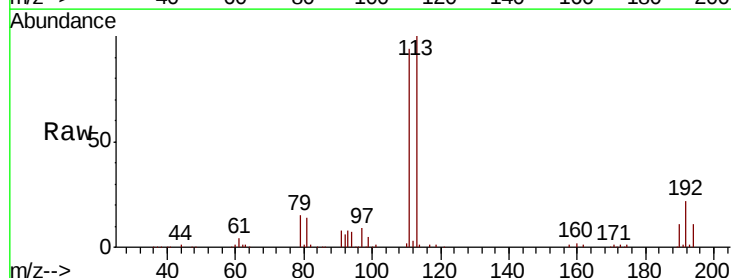
Tgt Ion:113 Resp: 119715

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

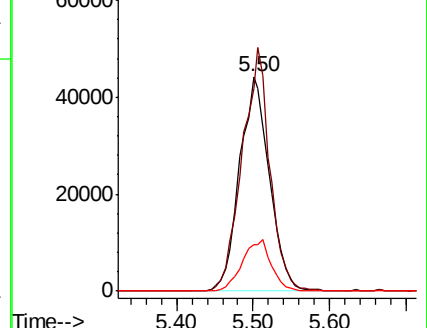
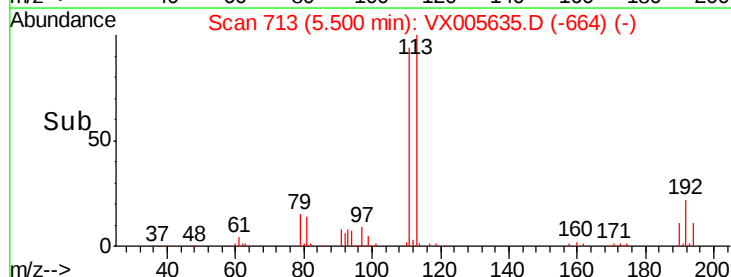
192 23.2 17.9 26.9

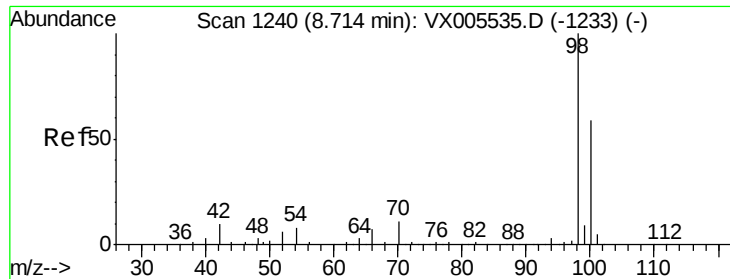


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

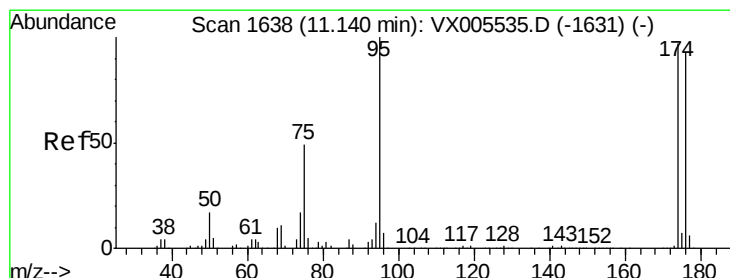
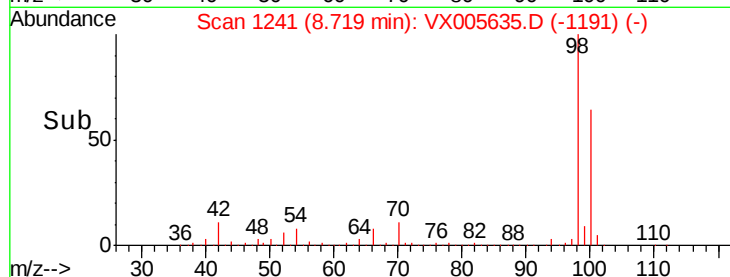
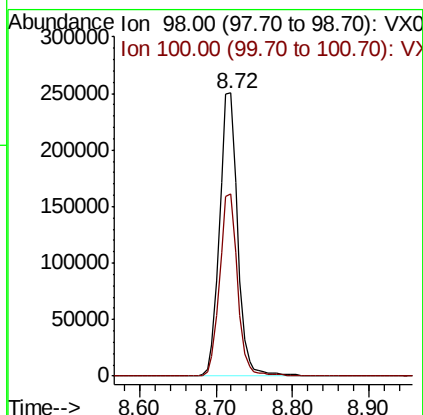
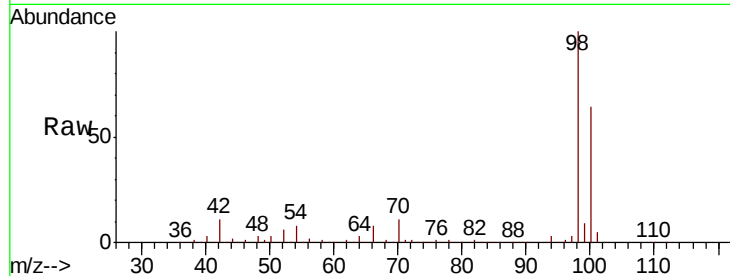




#50
Toluene-d8
Concen: 44.518 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005635.D
Acq: 27 Oct 2018 05:34

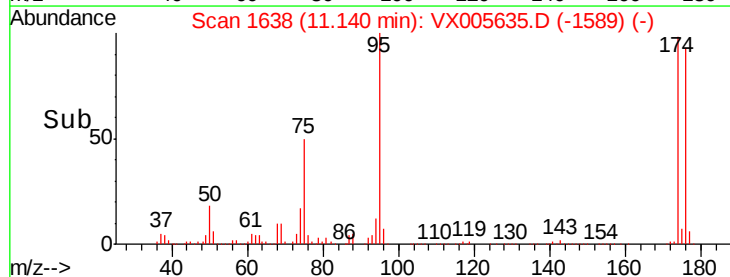
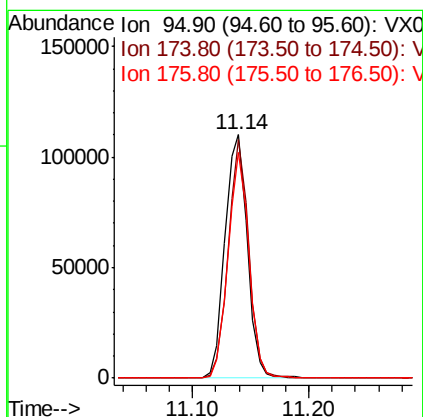
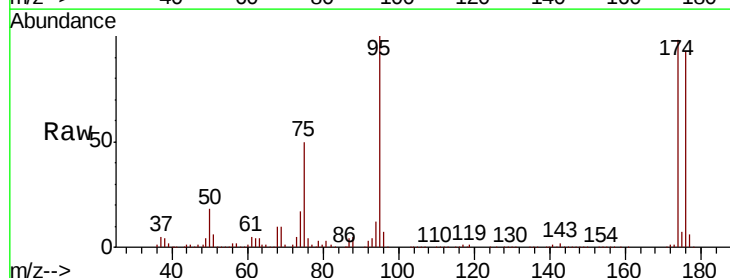
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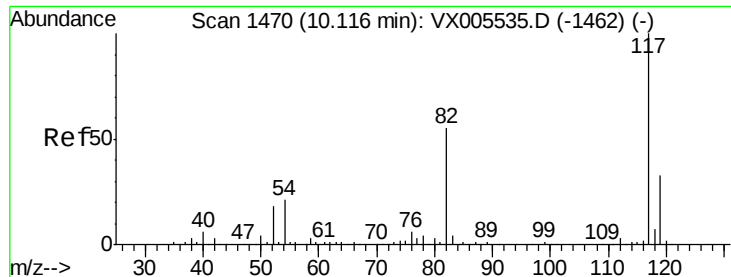
Tot Ion: 98 Resp: 411550
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005635.D
Acq: 27 Oct 2018 05:34

Tgt Ion: 95 Resp: 146048
Ion Ratio Lower Upper
95 100
174 91.0 0.0 184.4
176 87.4 0.0 177.4

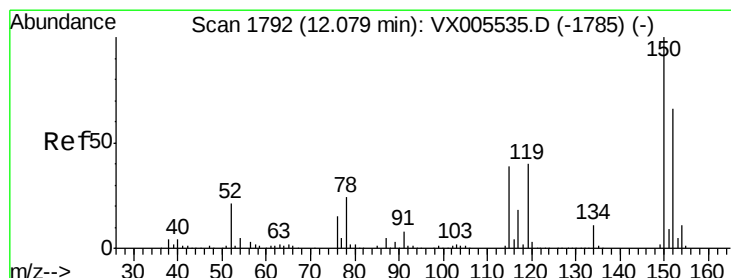
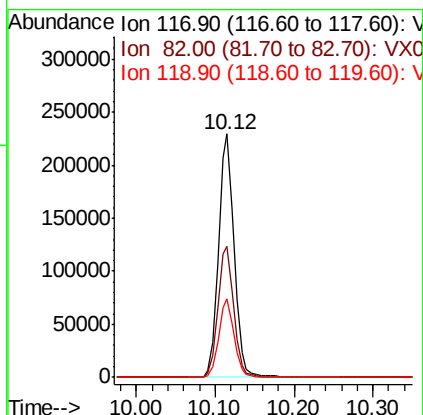
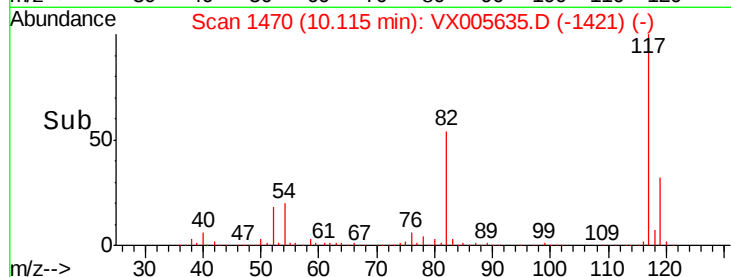
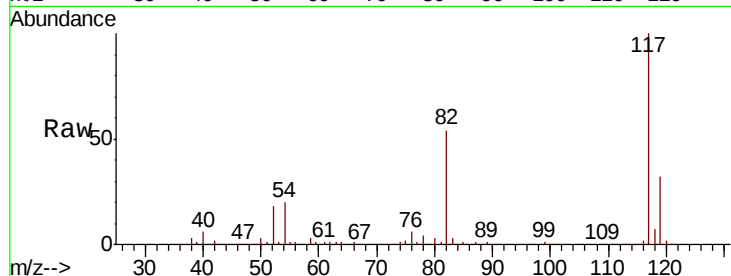




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005635.D
Acq: 27 Oct 2018 05:34

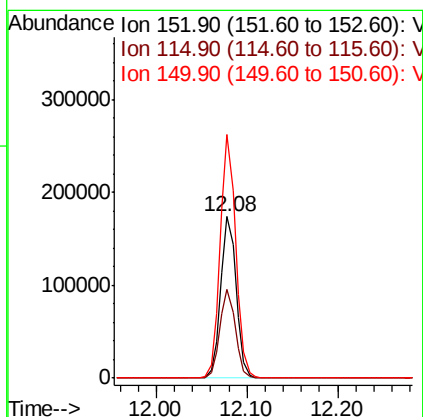
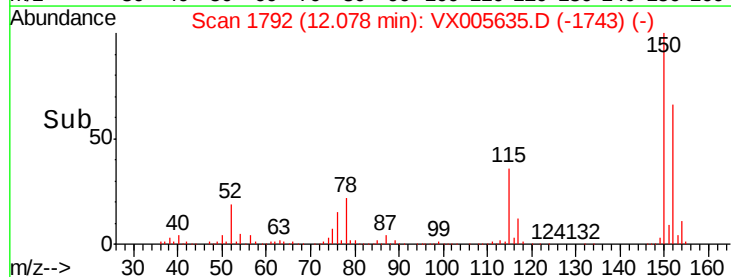
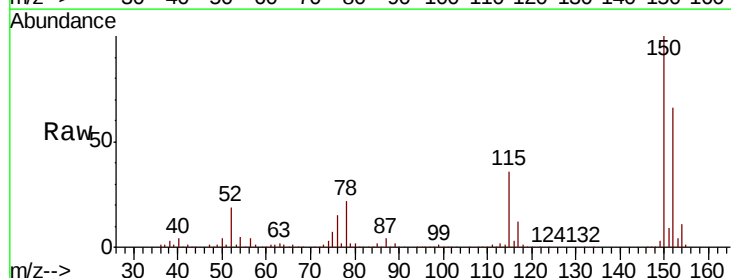
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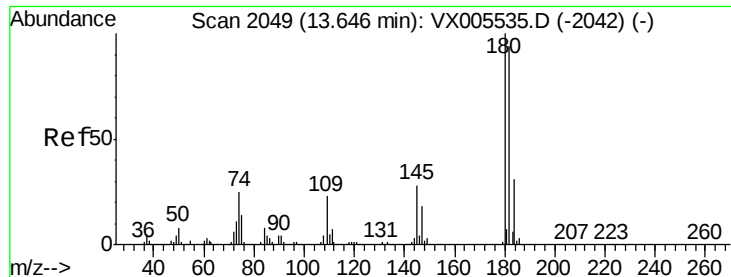
Tot Ion:117 Resp: 315774
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005635.D
Acq: 27 Oct 2018 05:34

Tgt Ion:152 Resp: 208196
Ion Ratio Lower Upper
152 100
115 54.8 39.4 118.1
150 151.4 0.0 346.4





#93

1,2,4-Trichlorobenzene

Concen: 1.289 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005635.D

Acq: 27 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ172I-20181024

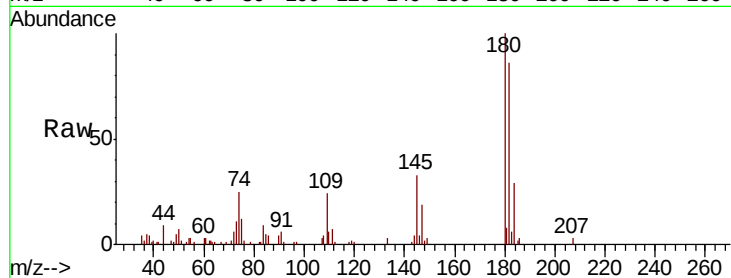
Tot Ion:180 Resp: 6307

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 36.5 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

