

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015946.D
 Acq On : 24 Apr 2020 21:15
 Operator : JC/SP
 Sample : L2414-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0547-200422

Quant Time: Apr 25 07:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

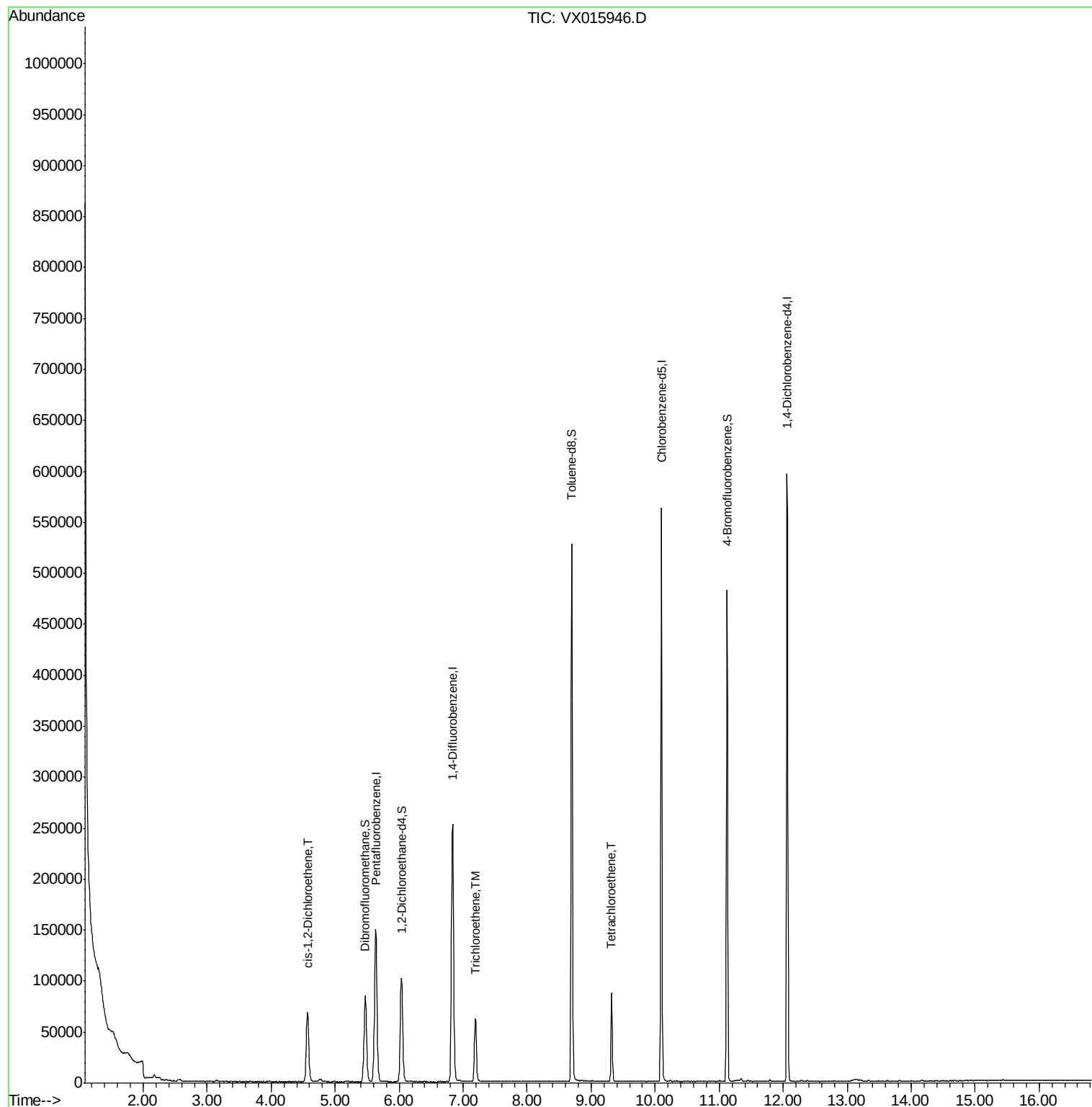
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	136059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	257998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	247004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	120822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	99111	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	5.47	113	75908	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	8.70	98	319608	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	11.12	95	132969	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	44582	22.834	ug/l	88
44) Trichloroethene	7.19	130	23376	10.538	ug/l	97
64) Tetrachloroethene	9.32	164	16005	6.512	ug/l	95

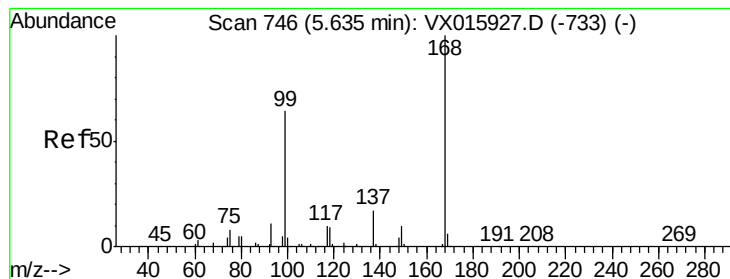
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015946.D

Acq: 24 Apr 2020 21:15

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MSVOA_X

ClientSampleId :

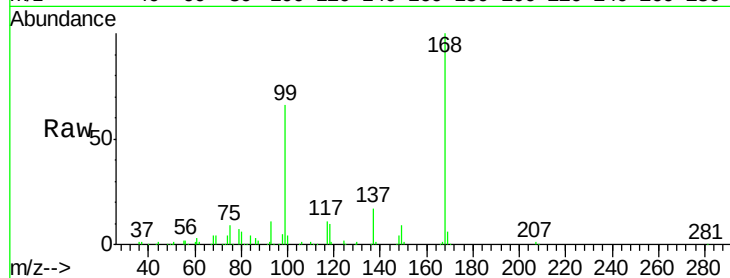
Z3-DUP-0547-200422

Tot Ion:168 Resp: 136059

Ion Ratio Lower Upper

168 100

99 65.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

50000

40000

30000

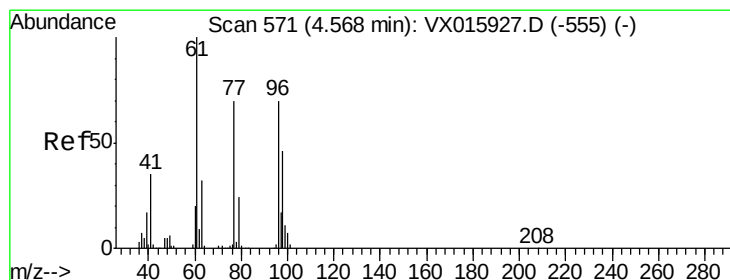
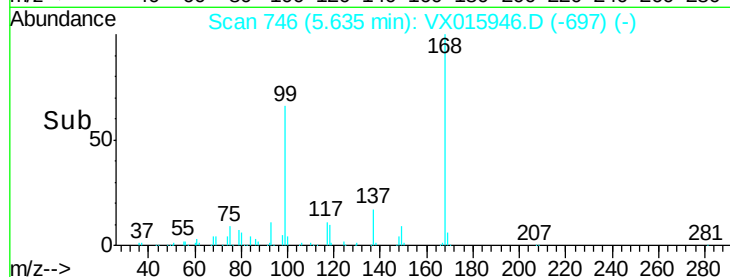
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 22.834 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX015946.D

Acq: 24 Apr 2020 21:15

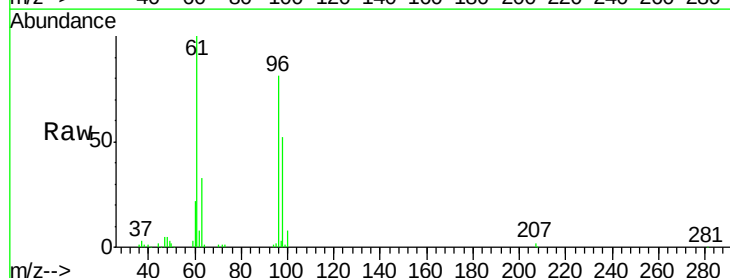
Tgt Ion: 96 Resp: 44582

Ion Ratio Lower Upper

96 100

61 125.8 0.0 293.4

98 62.6 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

4.57

25000

20000

15000

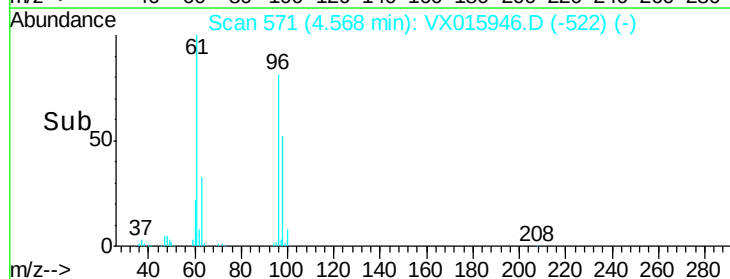
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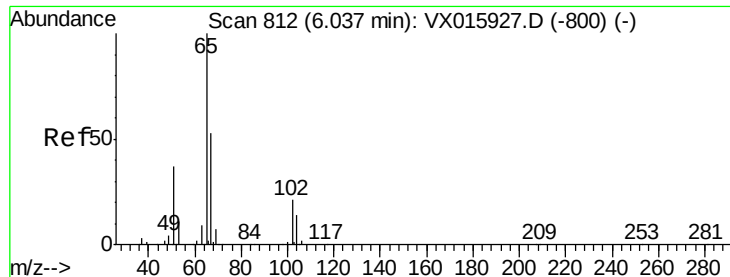
5000

0

Time-->

4.50 4.60 4.70

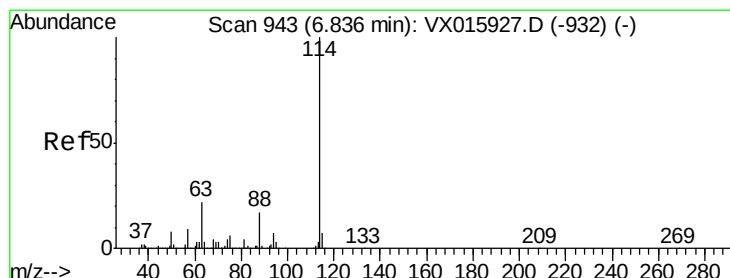
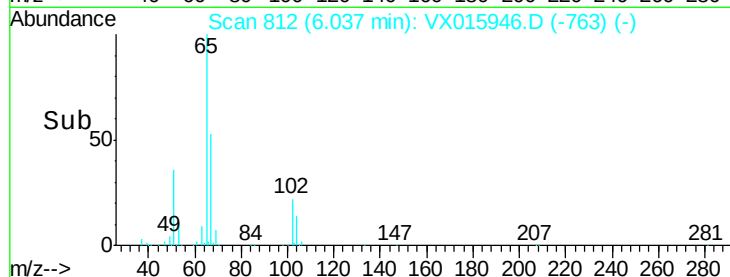
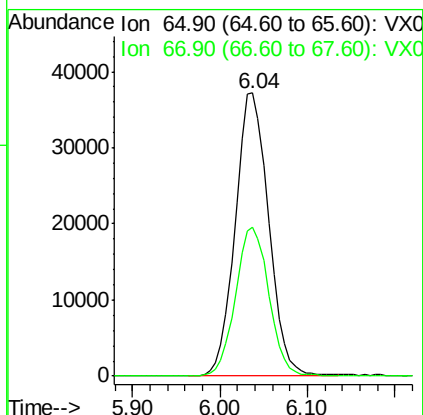
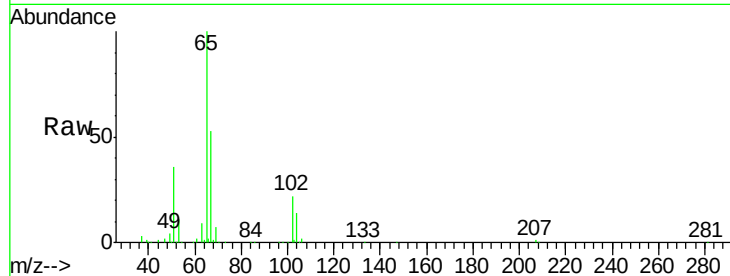




#33
 1,2-Dichloroethane-d4
 Concen: 51.589 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015946.D
 Acq: 24 Apr 2020 21:15

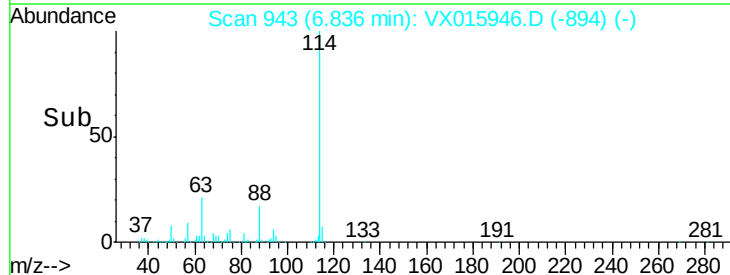
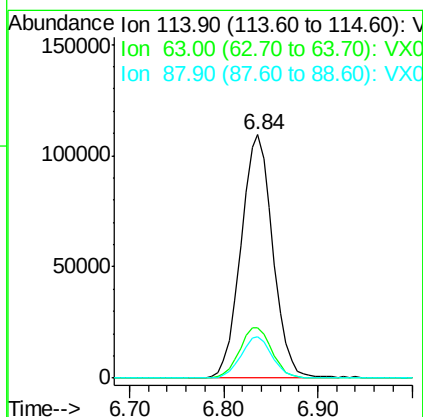
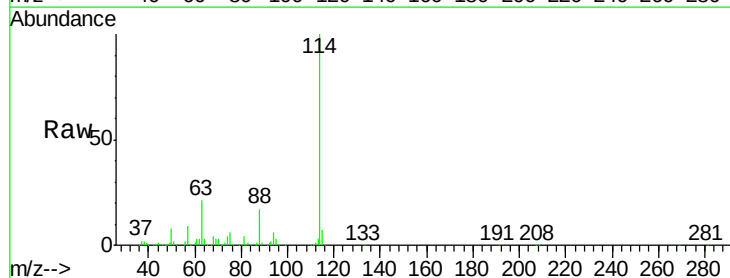
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0547-200422

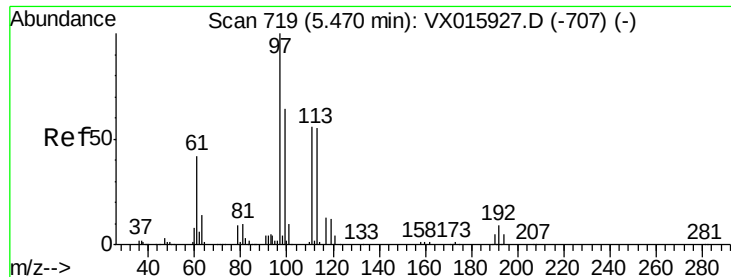
Tot Ion: 65 Resp: 99111
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015946.D
 Acq: 24 Apr 2020 21:15

Tgt Ion: 114 Resp: 257998
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.4
 88 17.0 0.0 34.2

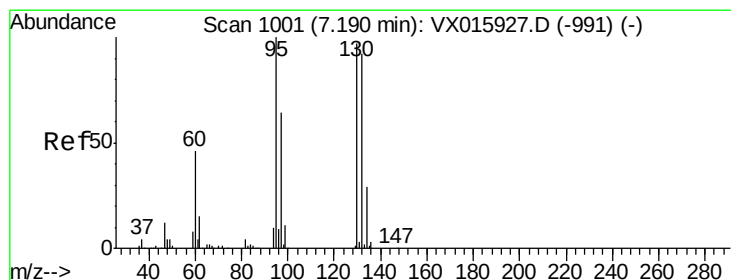
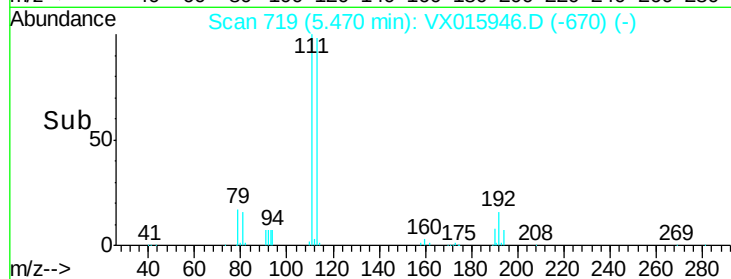
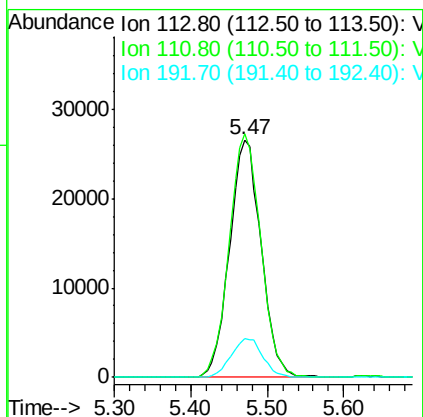
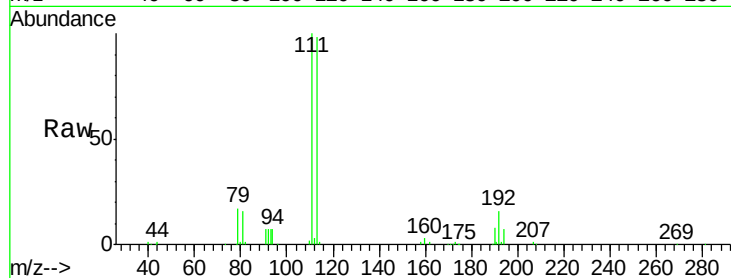




#35
 Dibromofluoromethane
 Concen: 53.947 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015946.D
 Acq: 24 Apr 2020 21:15

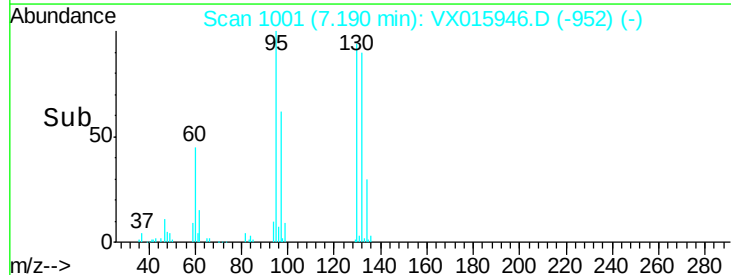
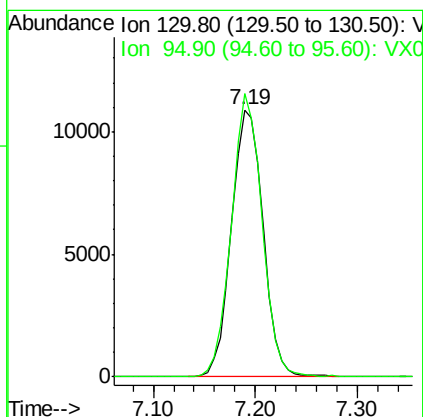
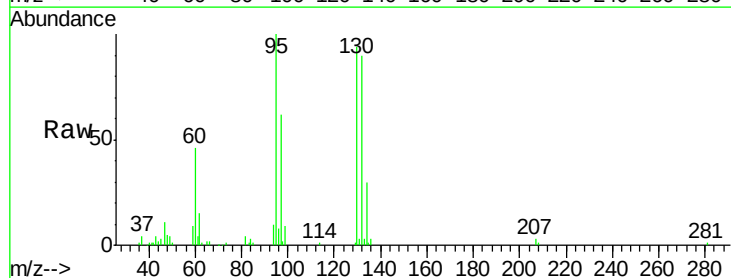
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0547-200422

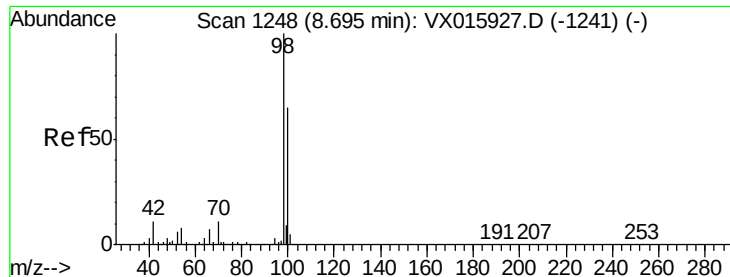
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	16.4	13.6	20.4



#44
 Trichloroethene
 Concen: 10.538 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015946.D
 Acq: 24 Apr 2020 21:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	205.2

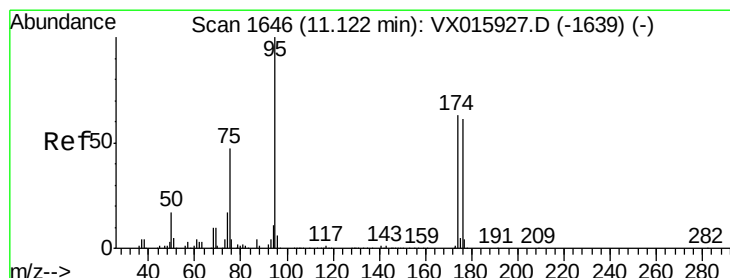
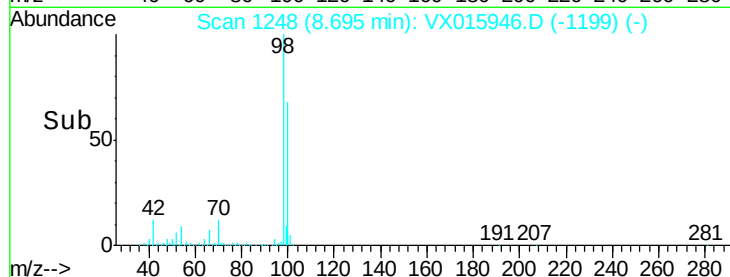
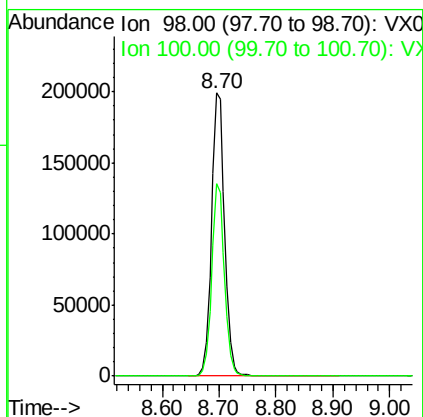
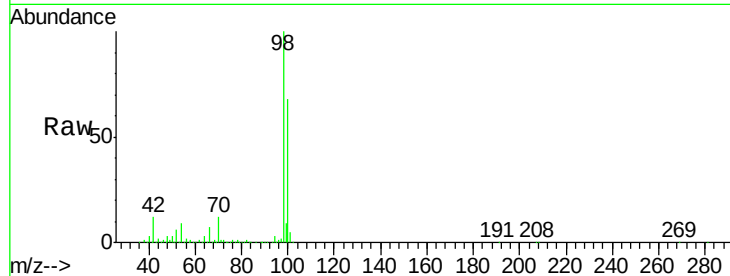




#50
Toluene-d8
Concen: 53.651 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015946.D
Acq: 24 Apr 2020 21:15

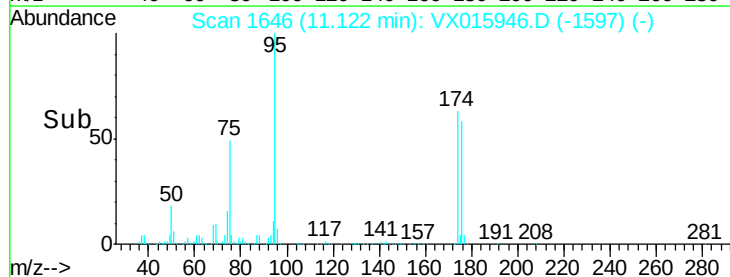
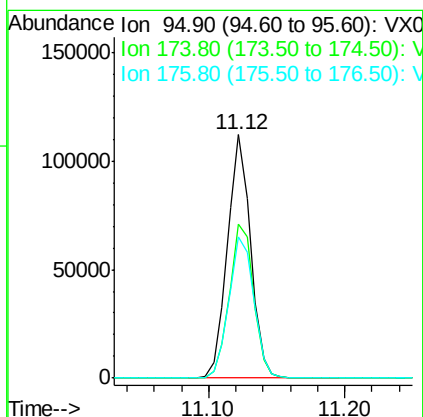
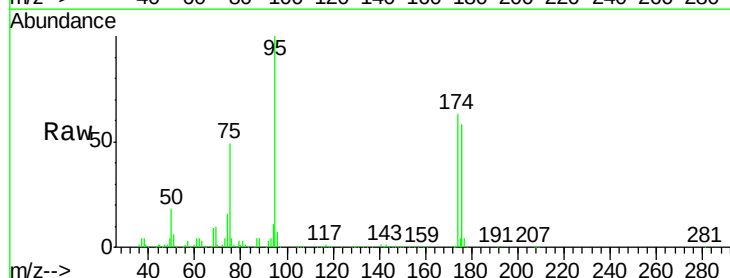
Instrument :
MSVOA_X
ClientSampleId :
Z3-DUP-0547-200422

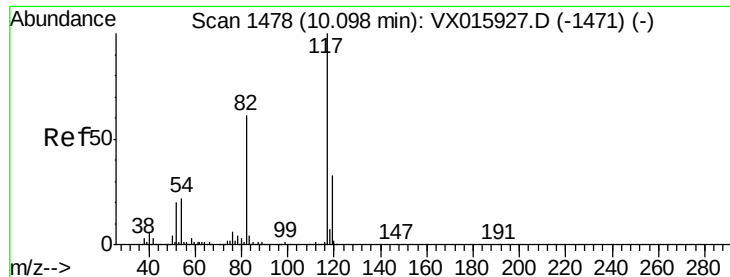
Tot Ion: 98 Resp: 319608
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.031 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015946.D
Acq: 24 Apr 2020 21:15

Tgt Ion: 95 Resp: 132969
Ion Ratio Lower Upper
95 100
174 66.4 0.0 133.6
176 62.5 0.0 126.0

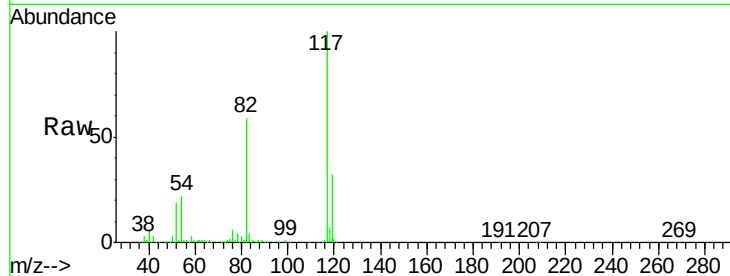




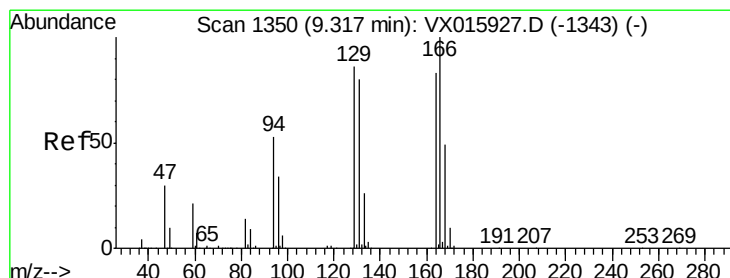
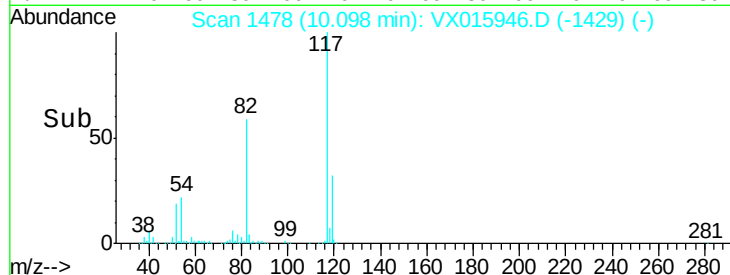
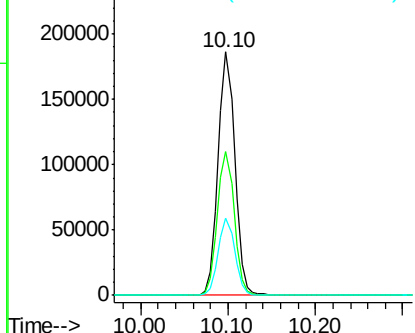
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015946.D
Acq: 24 Apr 2020 21:15

Instrument :
MSVOA_X
ClientSampleId :
Z3-DUP-0547-200422

Tot Ion:117 Resp: 247004
Ion Ratio Lower Upper
117 100
82 59.3 48.5 72.7
119 31.8 26.2 39.4

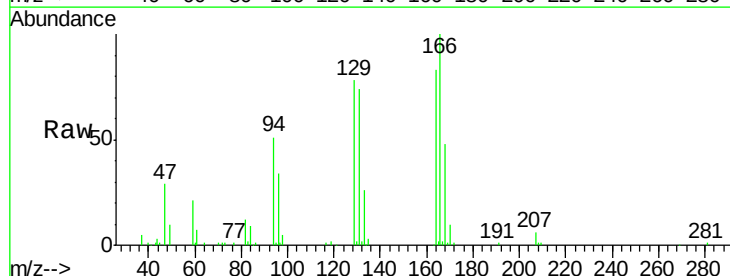


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

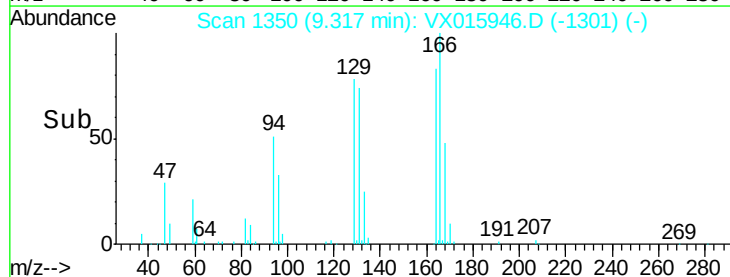
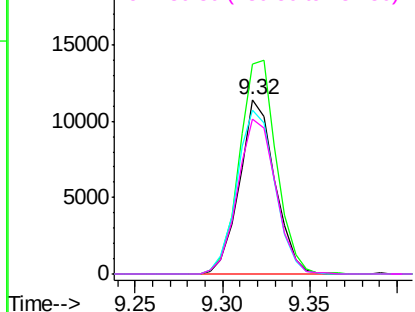


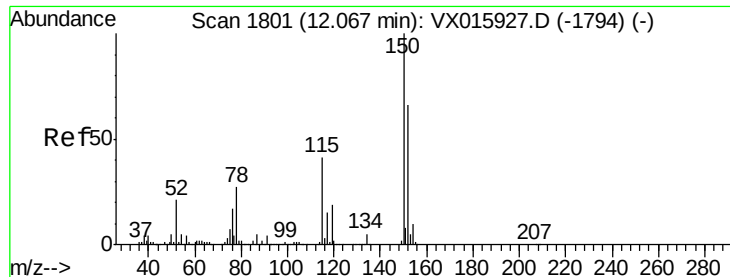
#64
Tetrachloroethene
Concen: 6.512 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015946.D
Acq: 24 Apr 2020 21:15

Tgt Ion:164 Resp: 16005
Ion Ratio Lower Upper
164 100
166 120.1 96.7 145.1
129 94.1 82.8 124.2
131 89.0 77.0 115.4



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: 12.06 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VX015946.D

Acq: 24 Apr 2020 21:15

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0547-200422

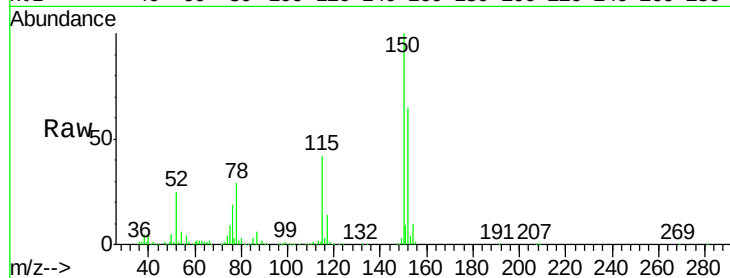
Tot Ion:152 Resp: 120822

Ion Ratio Lower Upper

152 100

115 63.6 44.1 132.4

150 157.3 0.0 343.6



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

