

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015696.D
 Acq On : 15 Apr 2020 20:09
 Operator : JC/SP
 Sample : L2233-19DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0543-200408DL

Quant Time: Apr 16 07:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

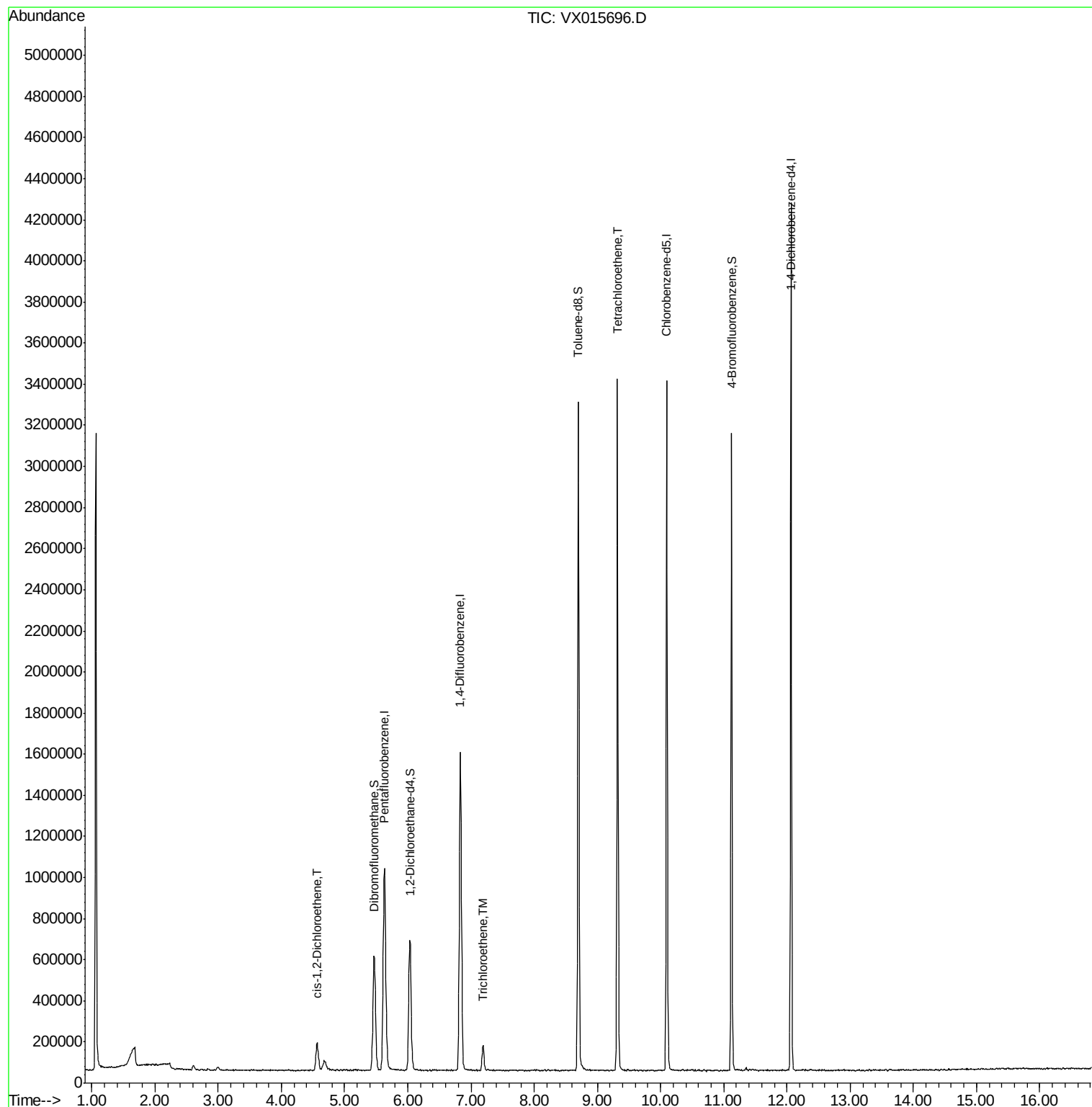
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1010345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1584465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1547040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	889869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	625151	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
35) Dibromofluoromethane	5.47	113	466383	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
50) Toluene-d8	8.70	98	1912907	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.12	95	799936	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.56	96	85928	7.016	ug/l	89
44) Trichloroethene	7.19	130	50486	4.329	ug/l	98
64) Tetrachloroethene	9.32	164	649603	55.640	ug/l	96

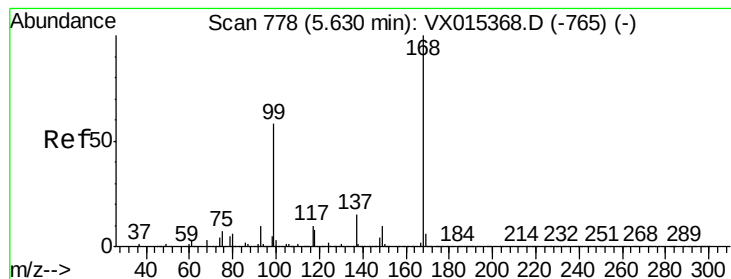
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

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Acq: 15 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

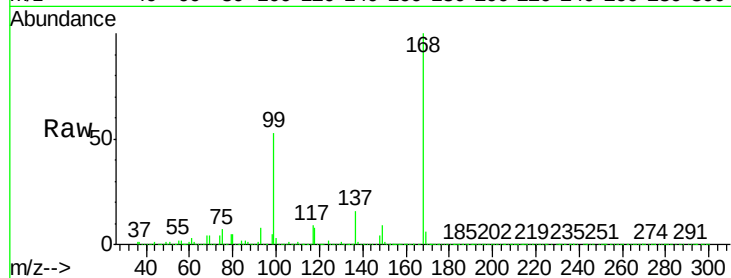
Z3-DUP-0543-200408DL

Tot Ion:168 Resp: 1010345

Ion Ratio Lower Upper

168 100

99 53.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

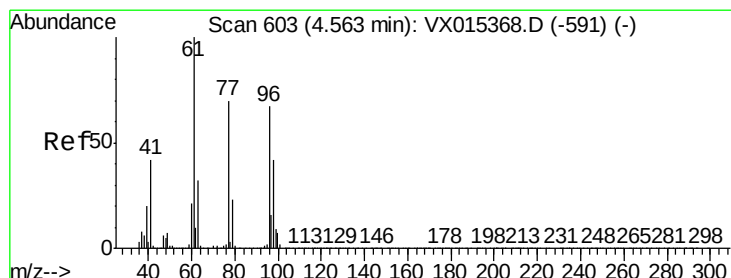
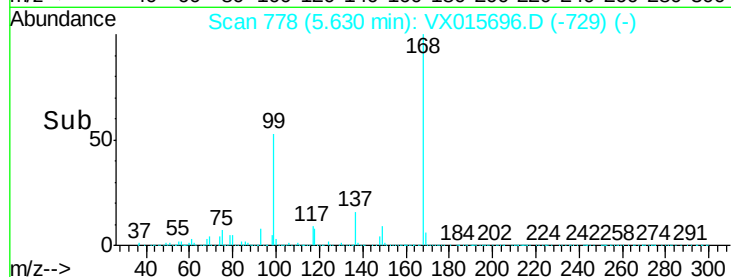
300000

200000

100000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.016 ug/l

RT: 4.56 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX015696.D

Acq: 15 Apr 2020 20:09

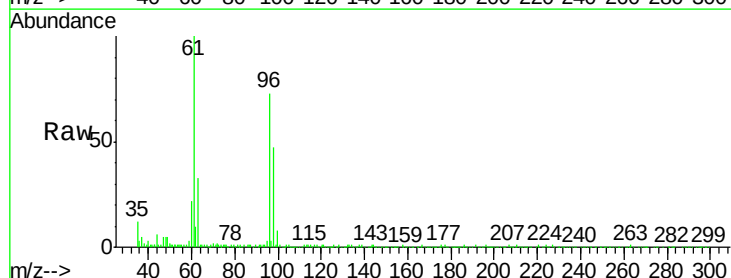
Tgt Ion: 96 Resp: 85928

Ion Ratio Lower Upper

96 100

61 134.8 0.0 308.4

98 66.1 0.0 129.2



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

4.56

50000

40000

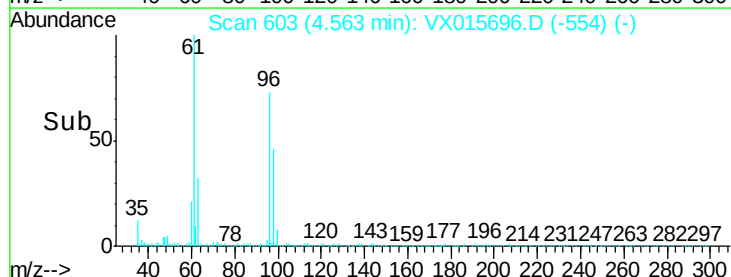
30000

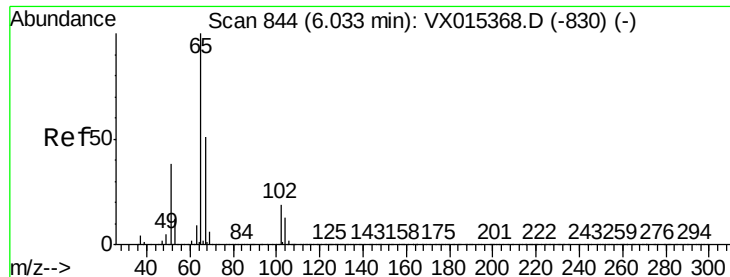
20000

10000

0

Time-->

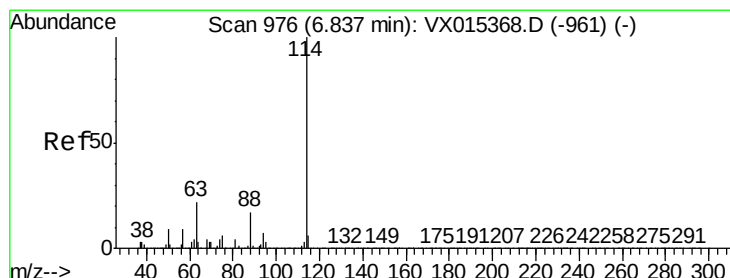
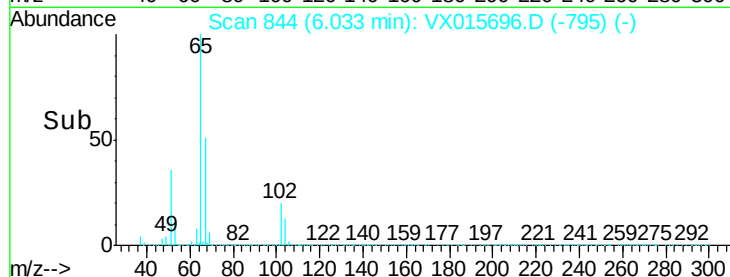
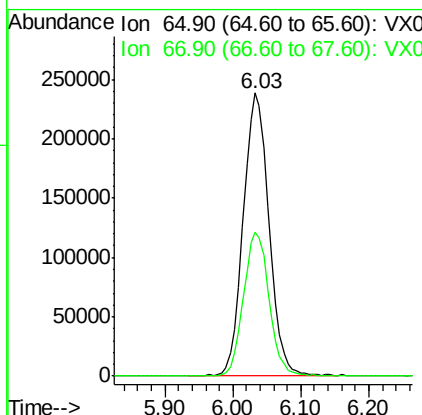
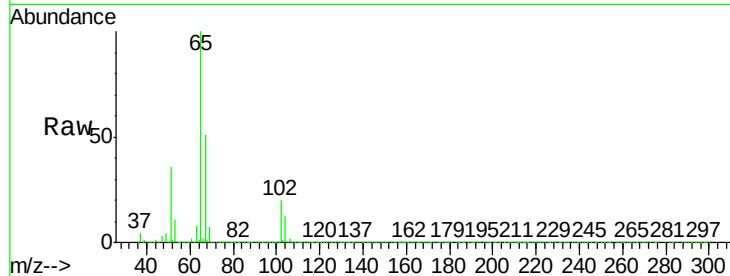




#33
 1,2-Dichloroethane-d4
 Concen: 43.871 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015696.D
 Acq: 15 Apr 2020 20:09

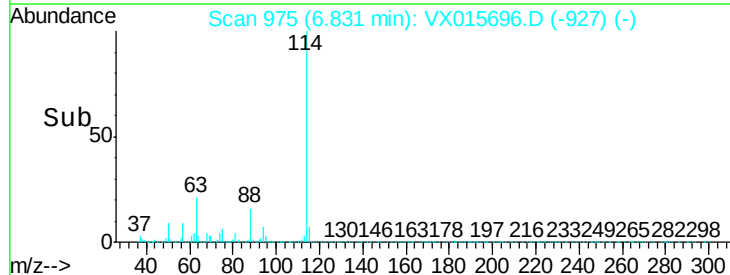
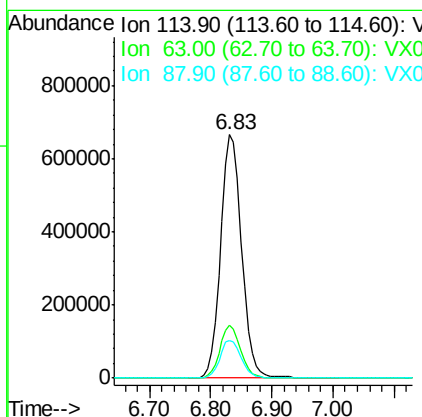
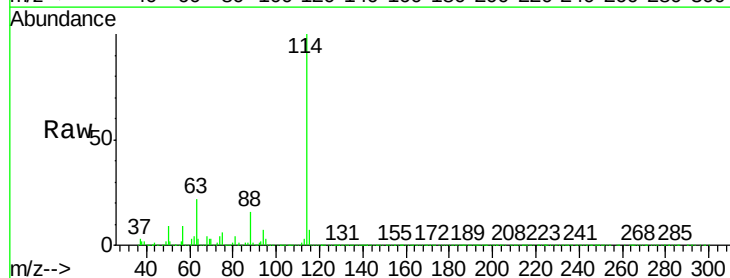
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0543-200408DL

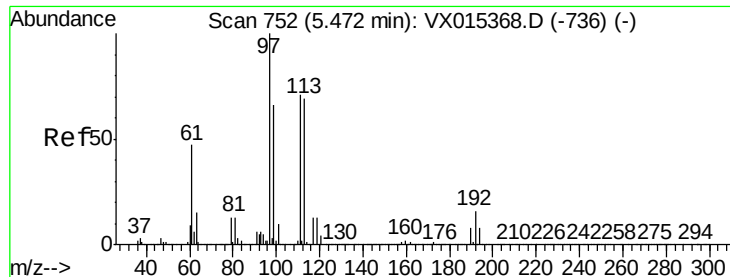
Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015696.D
 Acq: 15 Apr 2020 20:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.2
88	15.5	0.0	33.8





#35

Dibromofluoromethane

Concen: 46.047 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015696.D

Acq: 15 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0543-200408DL

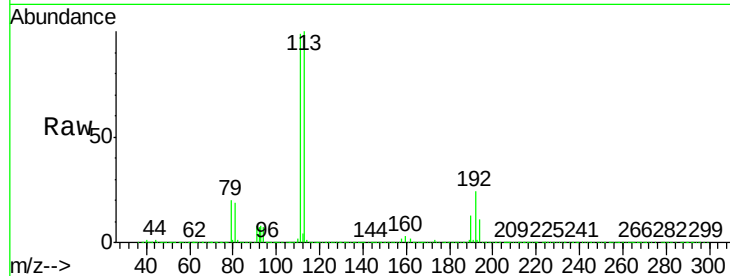
Tot Ion:113 Resp: 466383

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

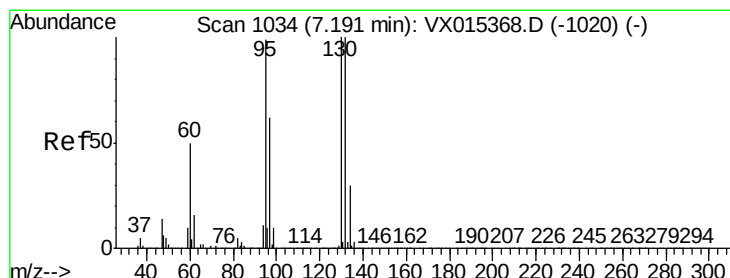
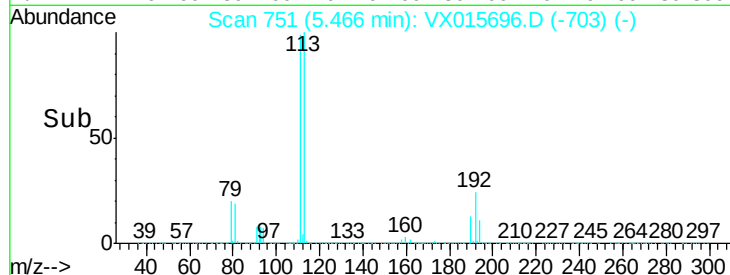
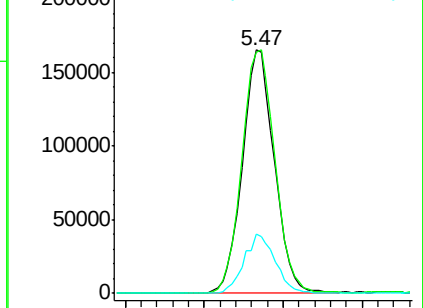
192 23.7 17.8 26.6



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: 4.329 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015696.D

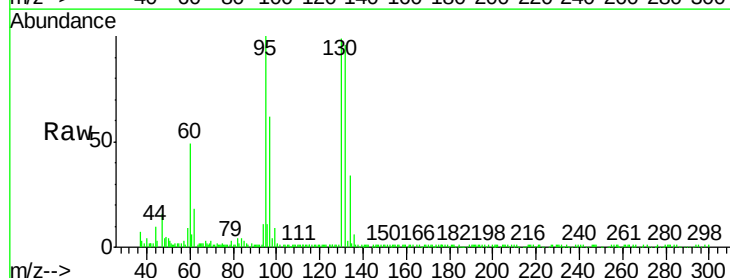
Acq: 15 Apr 2020 20:09

Tgt Ion:130 Resp: 50486

Ion Ratio Lower Upper

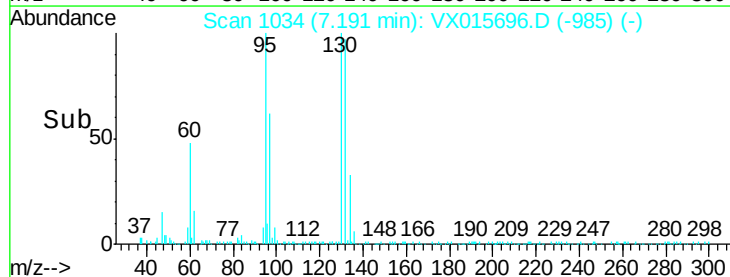
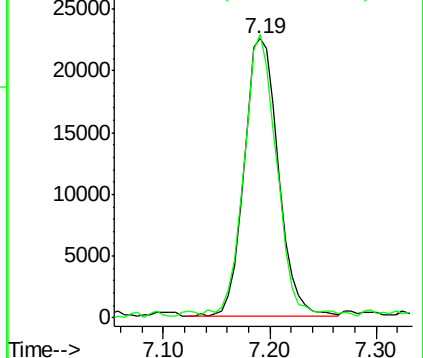
130 100

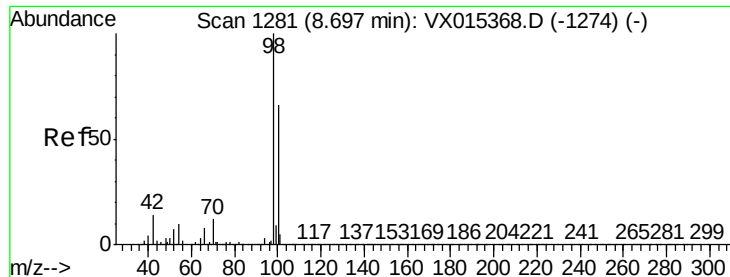
95 101.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.298 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015696.D

Acq: 15 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

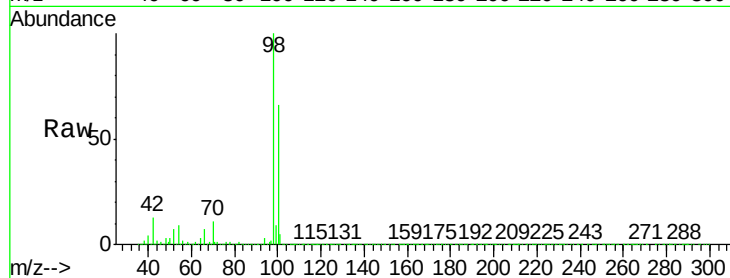
Z3-DUP-0543-200408DL

Tot Ion: 98 Resp: 1912907

Ion Ratio Lower Upper

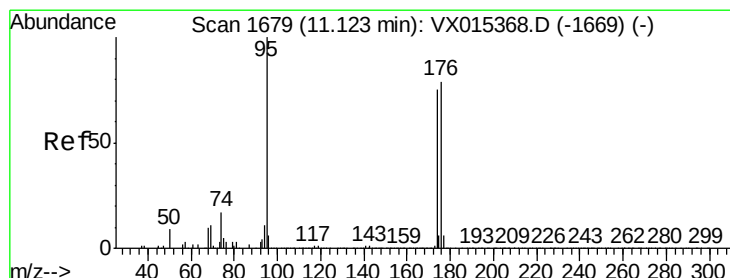
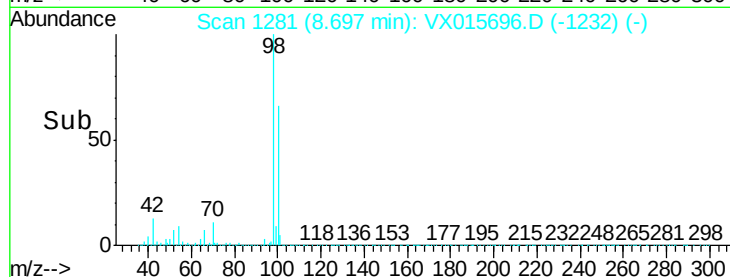
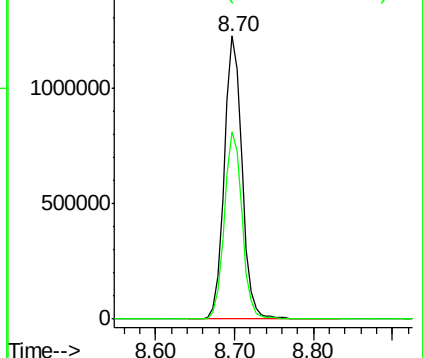
98 100

100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.785 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015696.D

Acq: 15 Apr 2020 20:09

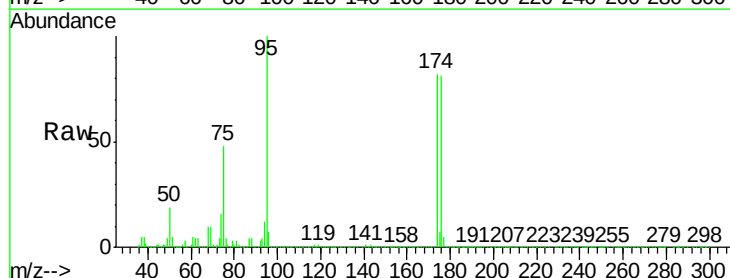
Tgt Ion: 95 Resp: 799936

Ion Ratio Lower Upper

95 100

174 84.2 0.0 158.6

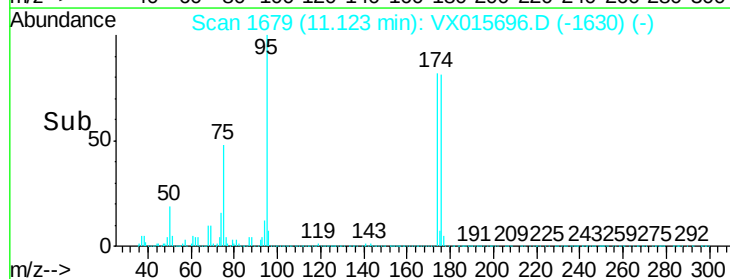
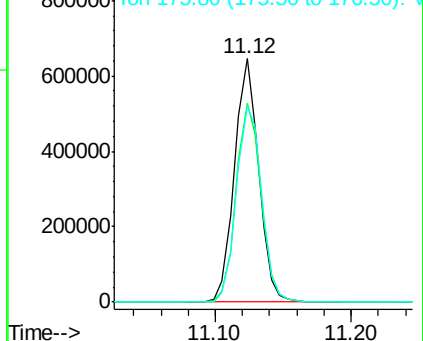
176 84.0 0.0 159.0

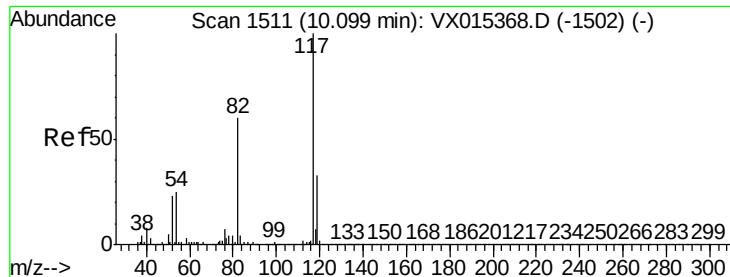


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

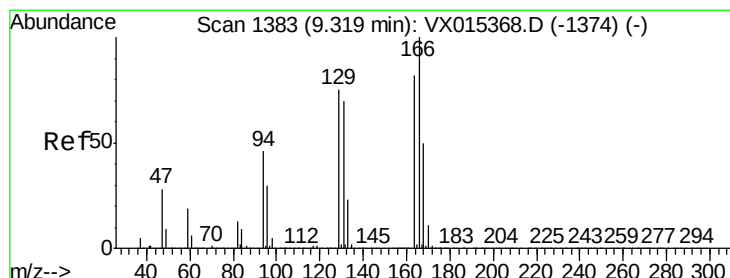
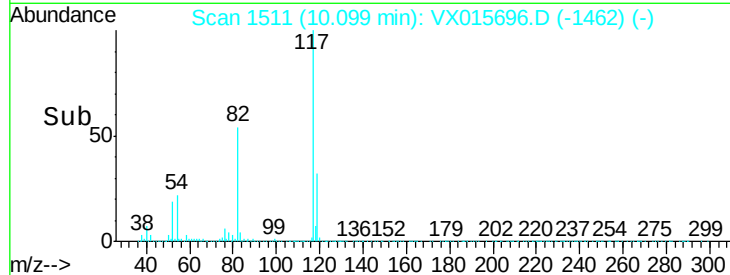
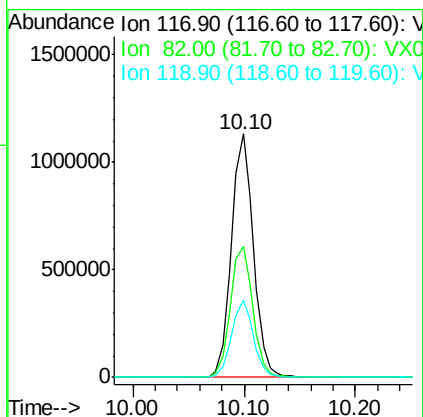
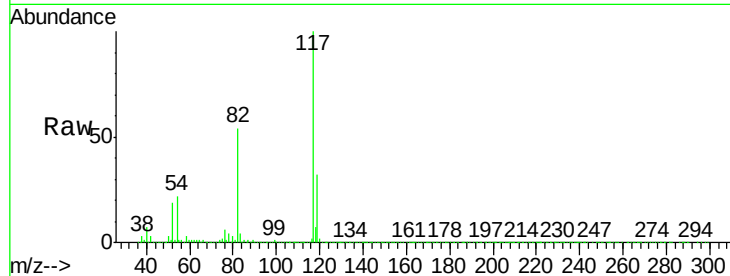




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015696.D
Acq: 15 Apr 2020 20:09

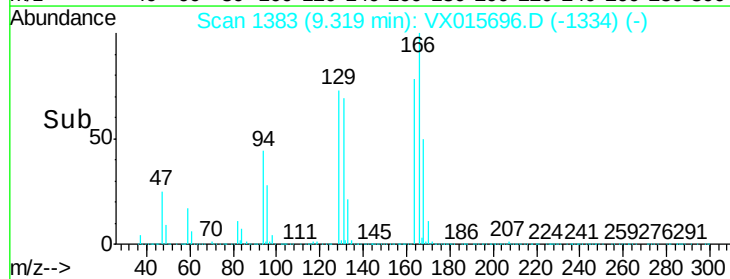
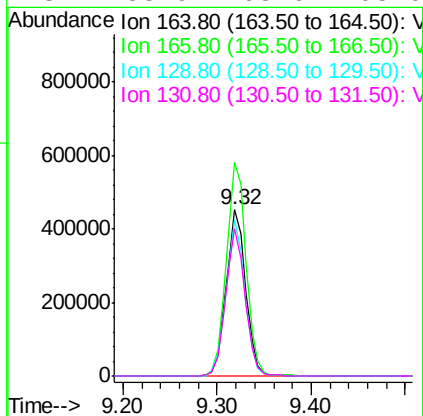
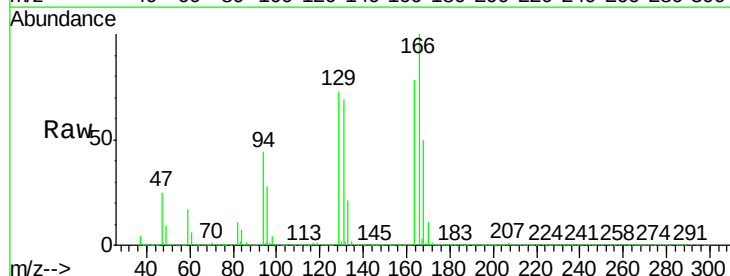
Instrument :
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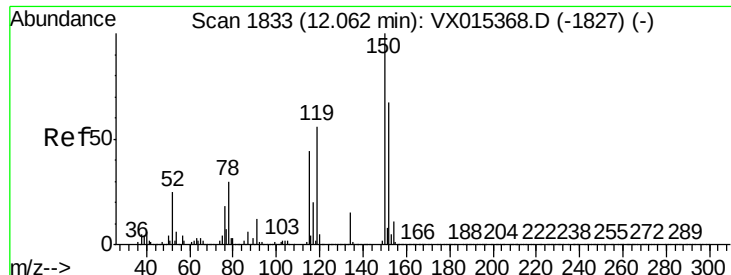
Tot Ion:117 Resp: 1547040
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.8
119 31.9 26.8 40.2



#64
Tetrachloroethene
Concen: 55.640 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015696.D
Acq: 15 Apr 2020 20:09

Tgt Ion:164 Resp: 649603
Ion Ratio Lower Upper
164 100
166 128.7 97.8 146.6
129 93.7 73.0 109.4
131 88.9 68.6 103.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015696.D
 Acq: 15 Apr 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0543-200408DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	116.9
150	154.1	0.0	340.8

