

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015601.D
 Acq On : 09 Apr 2020 16:54
 Operator : JC/SP
 Sample : L2190-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0542-200407

Quant Time: Apr 10 08:51:59 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

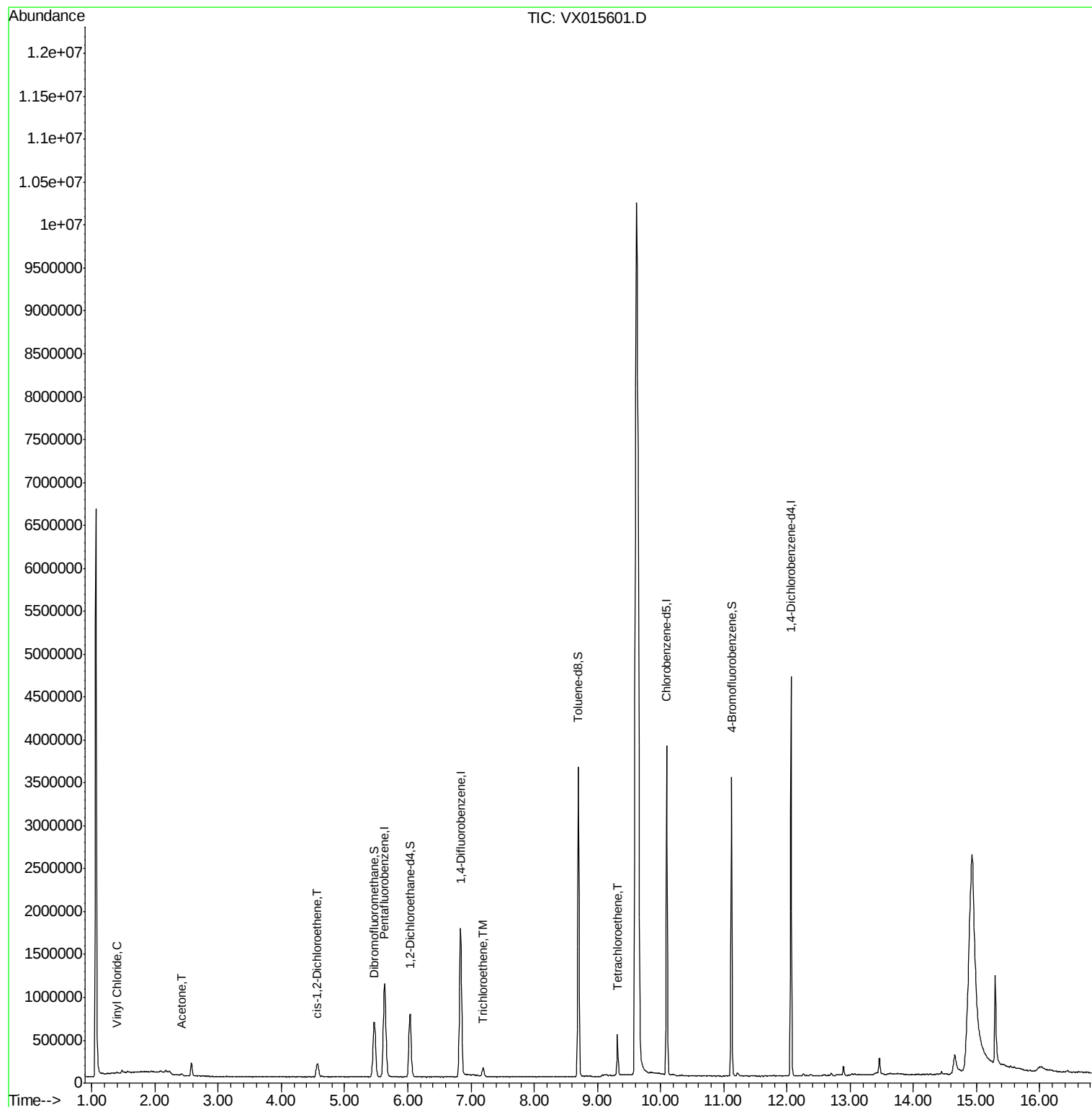
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1083503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1720691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1675636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	923339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	717898	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	5.47	113	543242	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.70	98	2082734	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	902096	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
Target Compounds						
4) Vinyl Chloride	1.39	62	8959	0.803	ug/l	93
16) Acetone	2.42	43	29542	4.500	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	101839	7.754	ug/l	91
44) Trichloroethene	7.19	130	38356	3.028	ug/l	99
64) Tetrachloroethene	9.32	164	86798	6.864	ug/l	86

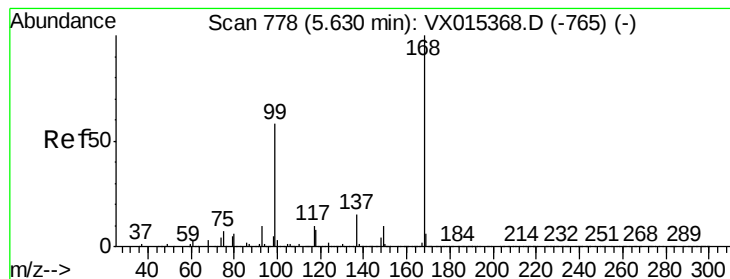
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015601.D

Acq: 09 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

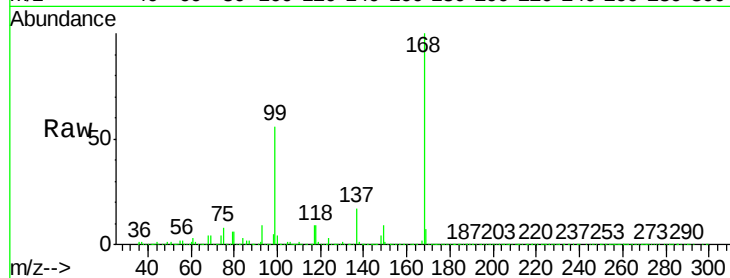
Z3-DUP-0542-200407

Tot Ion:168 Resp: 1083503

Ion Ratio Lower Upper

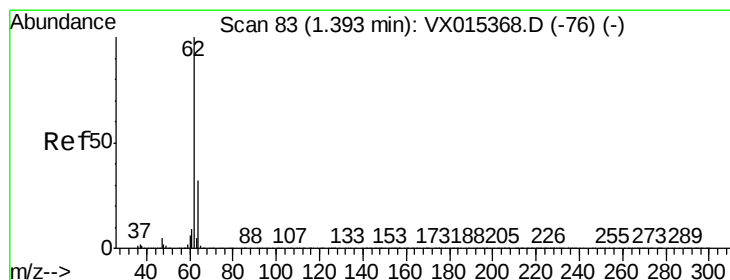
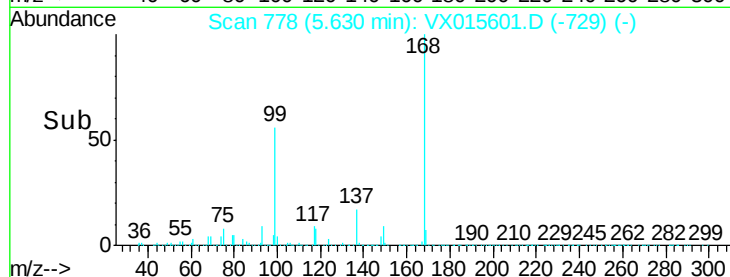
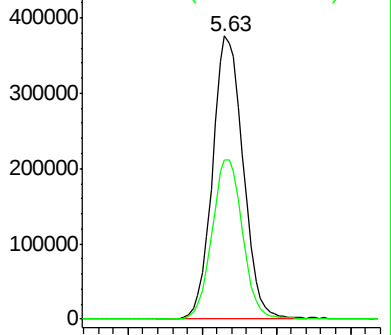
168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.803 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015601.D

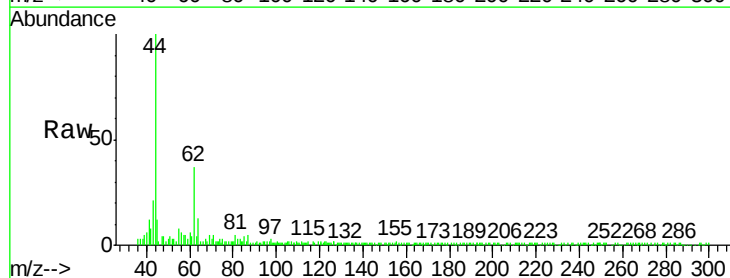
Acq: 09 Apr 2020 16:54

Tgt Ion: 62 Resp: 8959

Ion Ratio Lower Upper

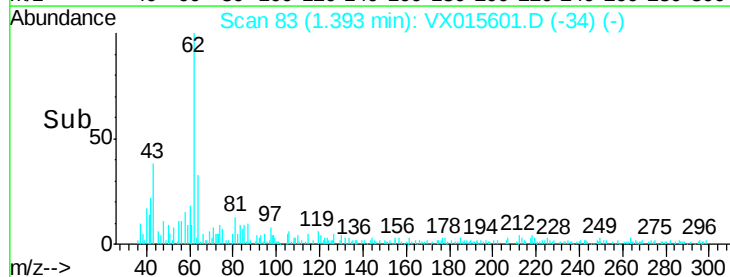
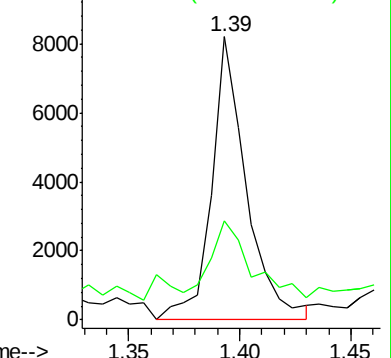
62 100

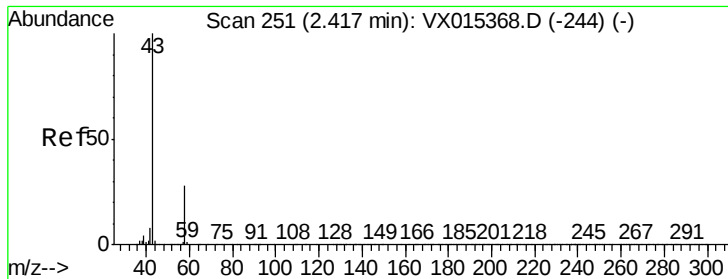
64 28.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.500 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015601.D

Acq: 09 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

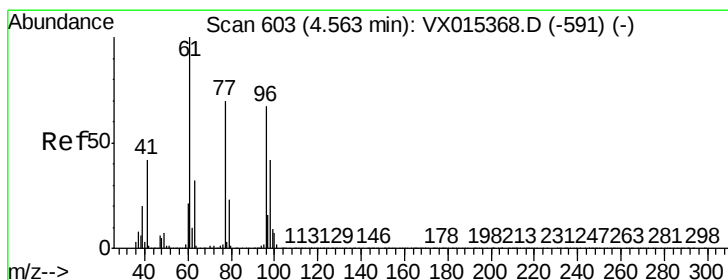
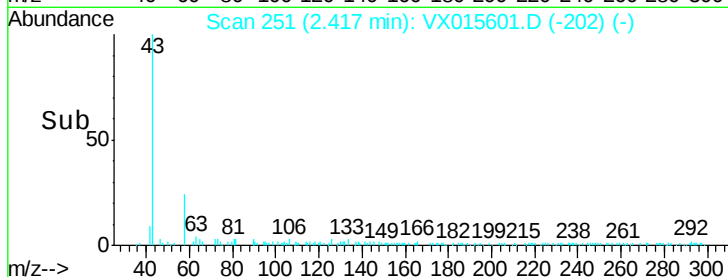
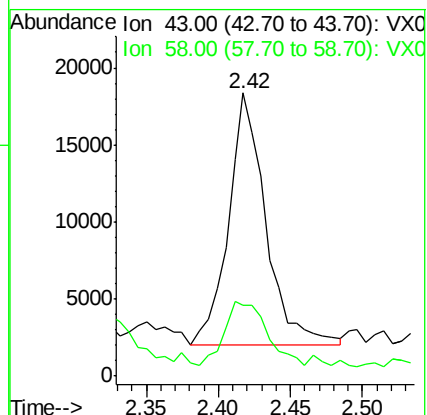
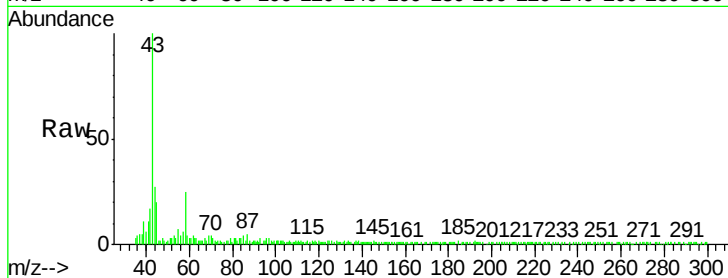
Z3-DUP-0542-200407

Tot Ion: 43 Resp: 29542

Ion Ratio Lower Upper

43 100

58 23.2 22.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 7.754 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015601.D

Acq: 09 Apr 2020 16:54

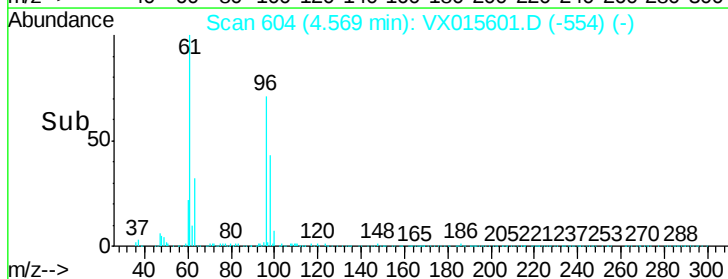
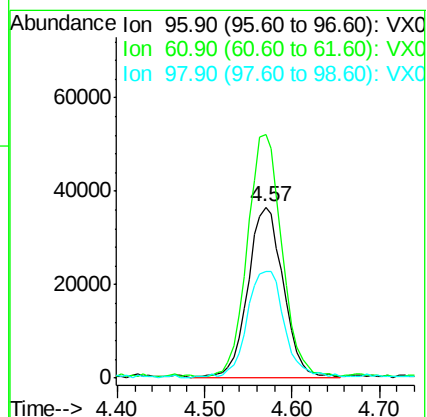
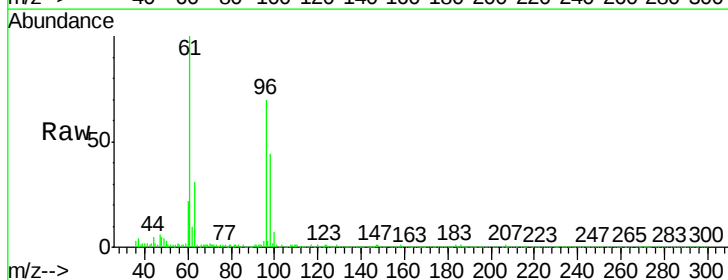
Tgt Ion: 96 Resp: 101839

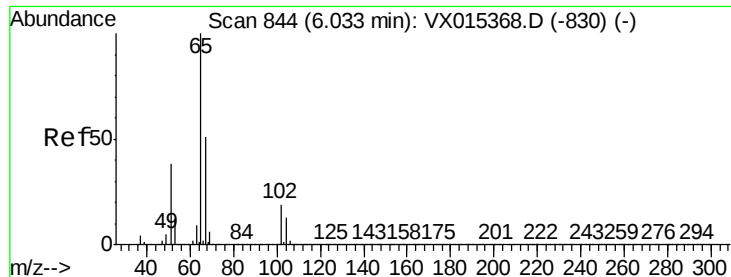
Ion Ratio Lower Upper

96 100

61 138.9 0.0 308.4

98 65.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 46.978 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015601.D

Acq: 09 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

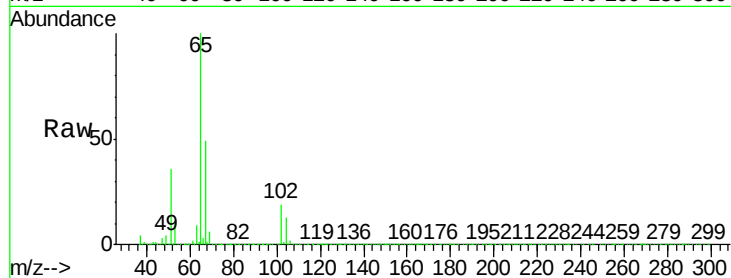
Z3-DUP-0542-200407

Tot Ion: 65 Resp: 717898

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

300000

250000

200000

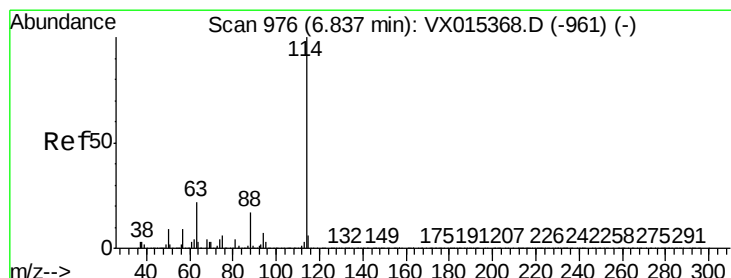
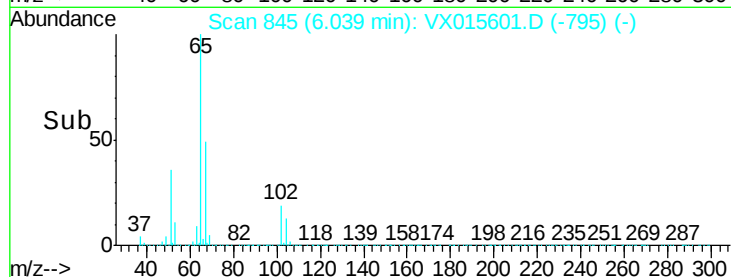
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015601.D

Acq: 09 Apr 2020 16:54

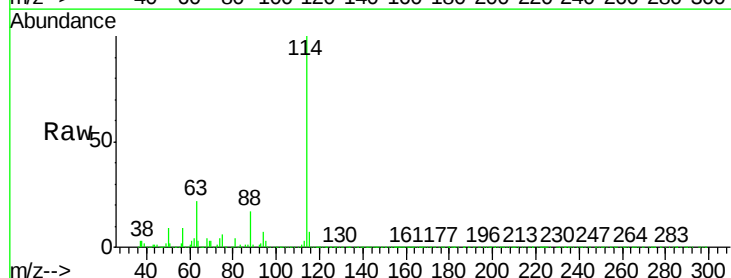
Tgt Ion: 114 Resp: 1720691

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

88 16.6 0.0 33.8



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

1000000

800000

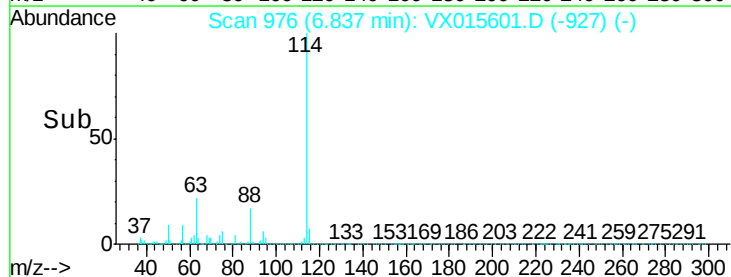
600000

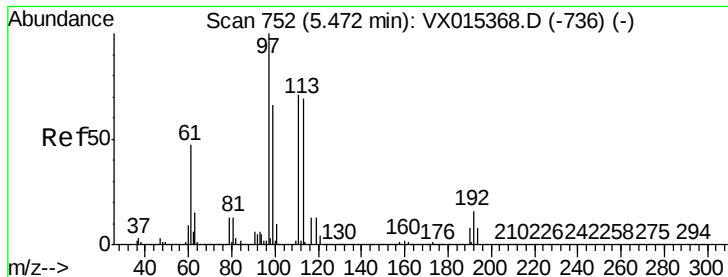
400000

200000

0

Time--> 6.70 6.80 6.90 7.00

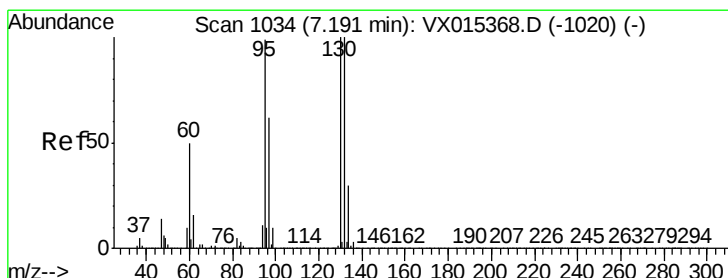
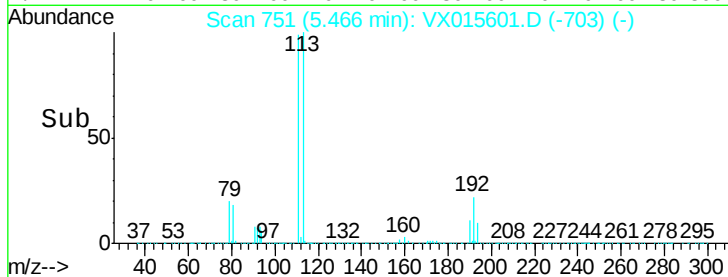
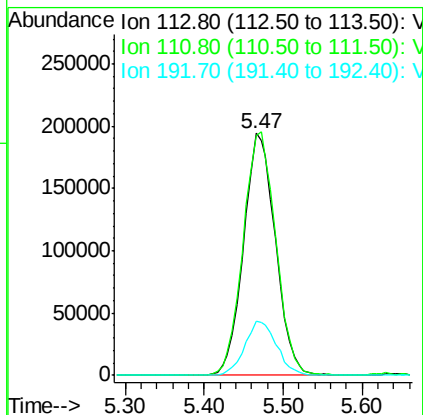
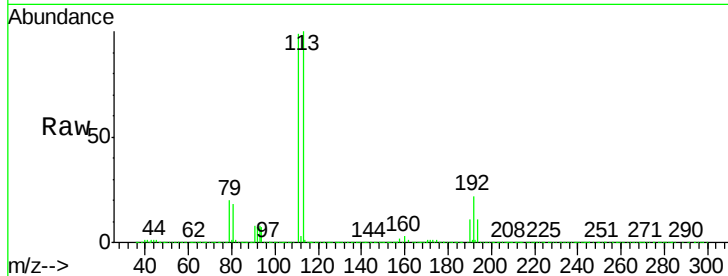




#35
Dibromofluoromethane
Concen: 49.390 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

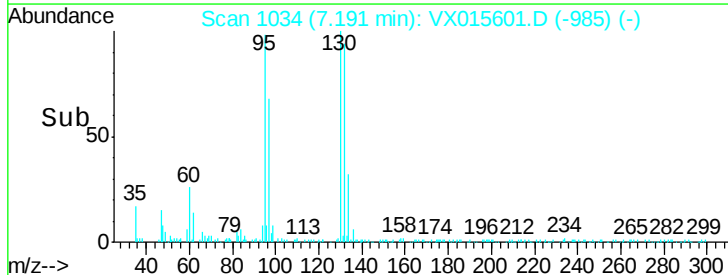
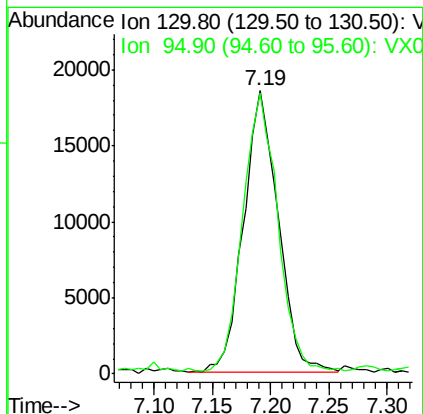
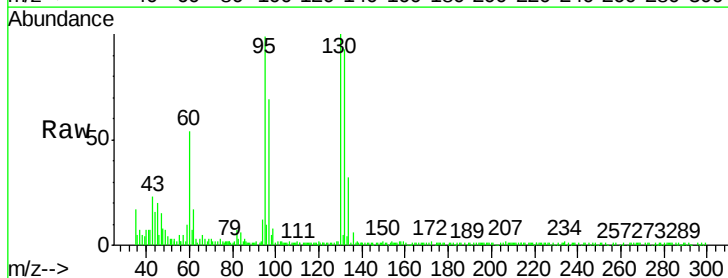
Instrument :
MSVOA_X
ClientSampleId :
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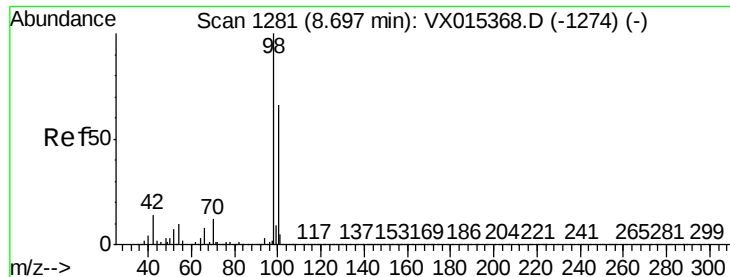
Tot Ion:113 Resp: 543242
Ion Ratio Lower Upper
113 100
111 103.7 81.5 122.3
192 22.6 17.8 26.6



#44
Trichloroethene
Concen: 3.028 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

Tgt Ion:130 Resp: 38356
Ion Ratio Lower Upper
130 100
95 98.1 0.0 199.0

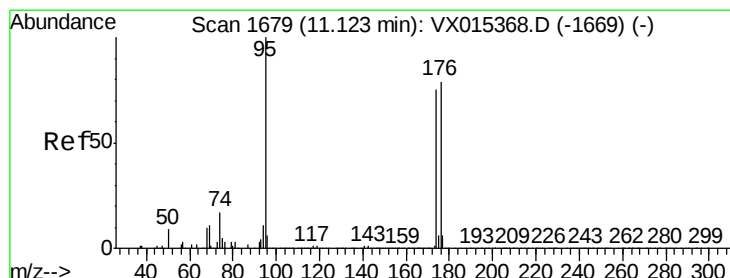
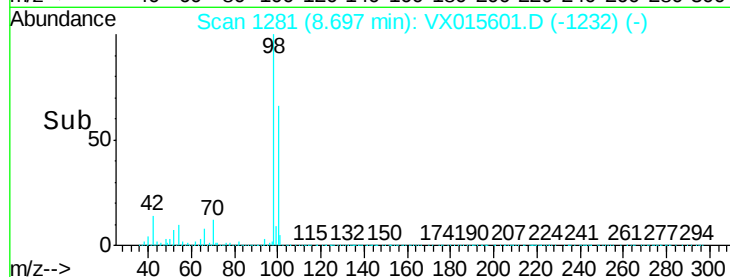
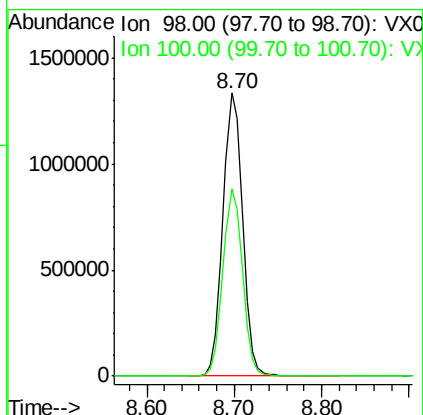
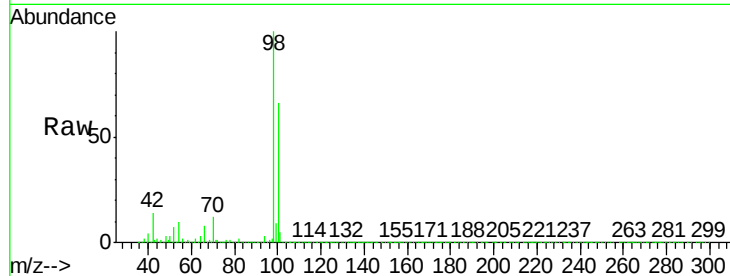




#50
Toluene-d8
Concen: 51.431 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

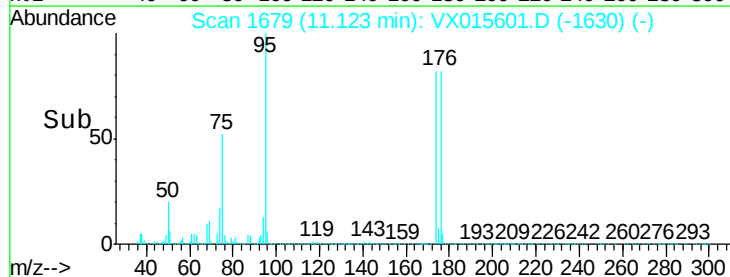
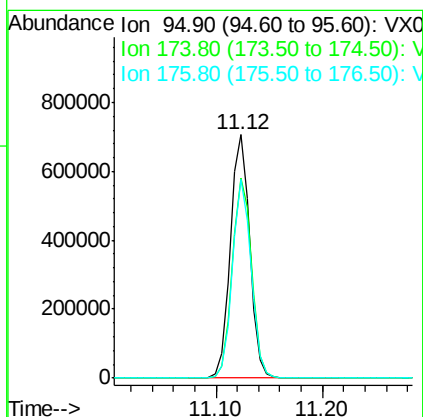
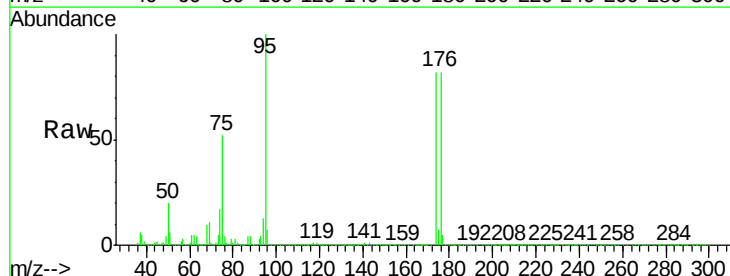
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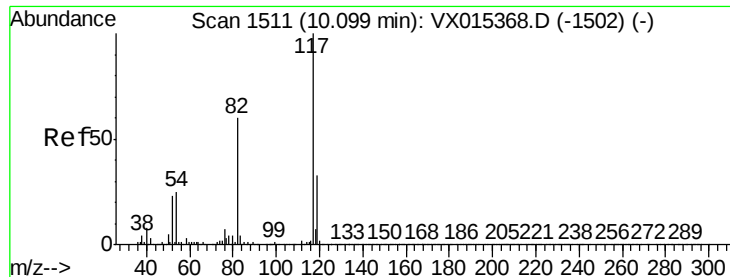
Tot Ion: 98 Resp: 2082734
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.813 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

Tgt Ion: 95 Resp: 902096
Ion Ratio Lower Upper
95 100
174 82.6 0.0 158.6
176 79.0 0.0 159.0

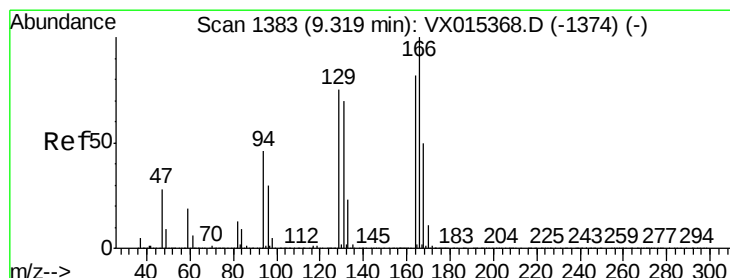
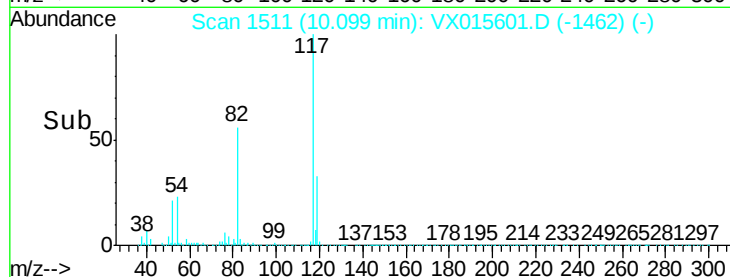
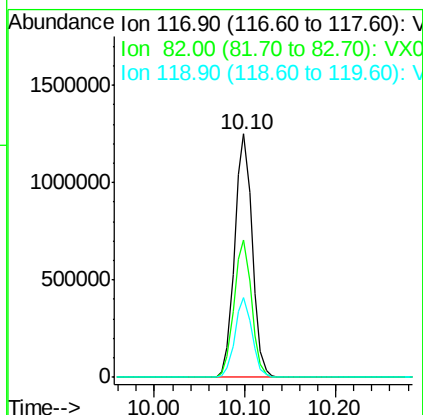
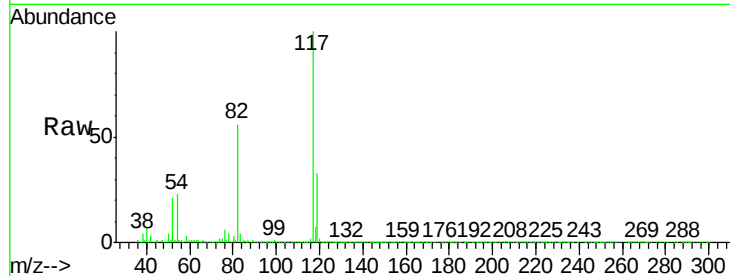




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

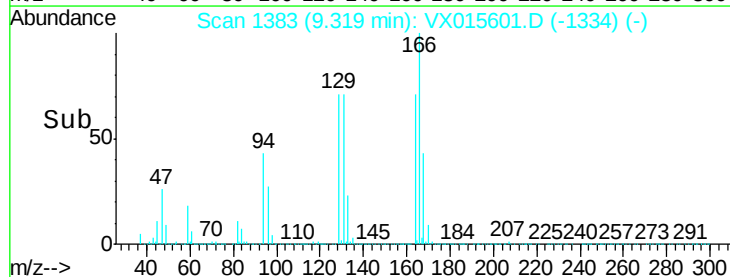
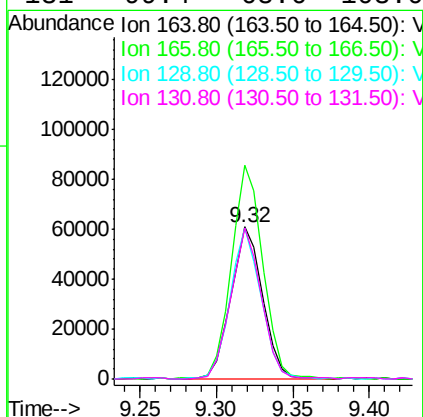
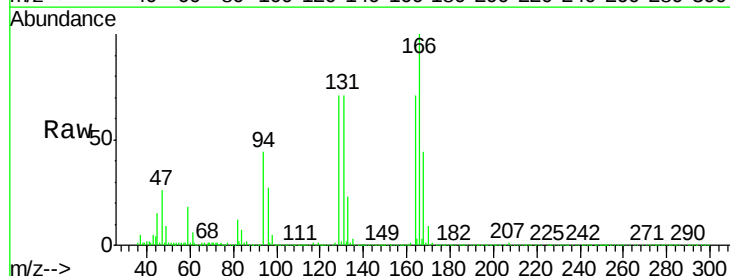
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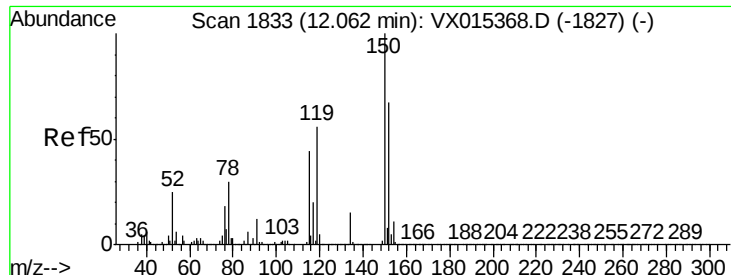
Tot Ion:117 Resp: 1675636
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.8
119 32.9 26.8 40.2



#64
Tetrachloroethene
Concen: 6.864 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015601.D
Acq: 09 Apr 2020 16:54

Tgt Ion:164 Resp: 86798
Ion Ratio Lower Upper
164 100
166 140.5 97.8 146.6
129 99.4 73.0 109.4
131 99.4 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: VX015601.D

Acq: 09 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0542-200407

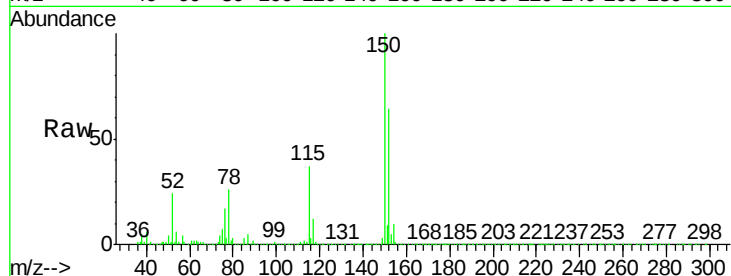
Tot Ion:152 Resp: 923339

Ion Ratio Lower Upper

152 100

115 58.3 39.0 116.9

150 158.8 0.0 340.8



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

