

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015431.D
 Acq On : 30 Mar 2020 16:27
 Operator : JC/SP
 Sample : L2022-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 31 09:09:40 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

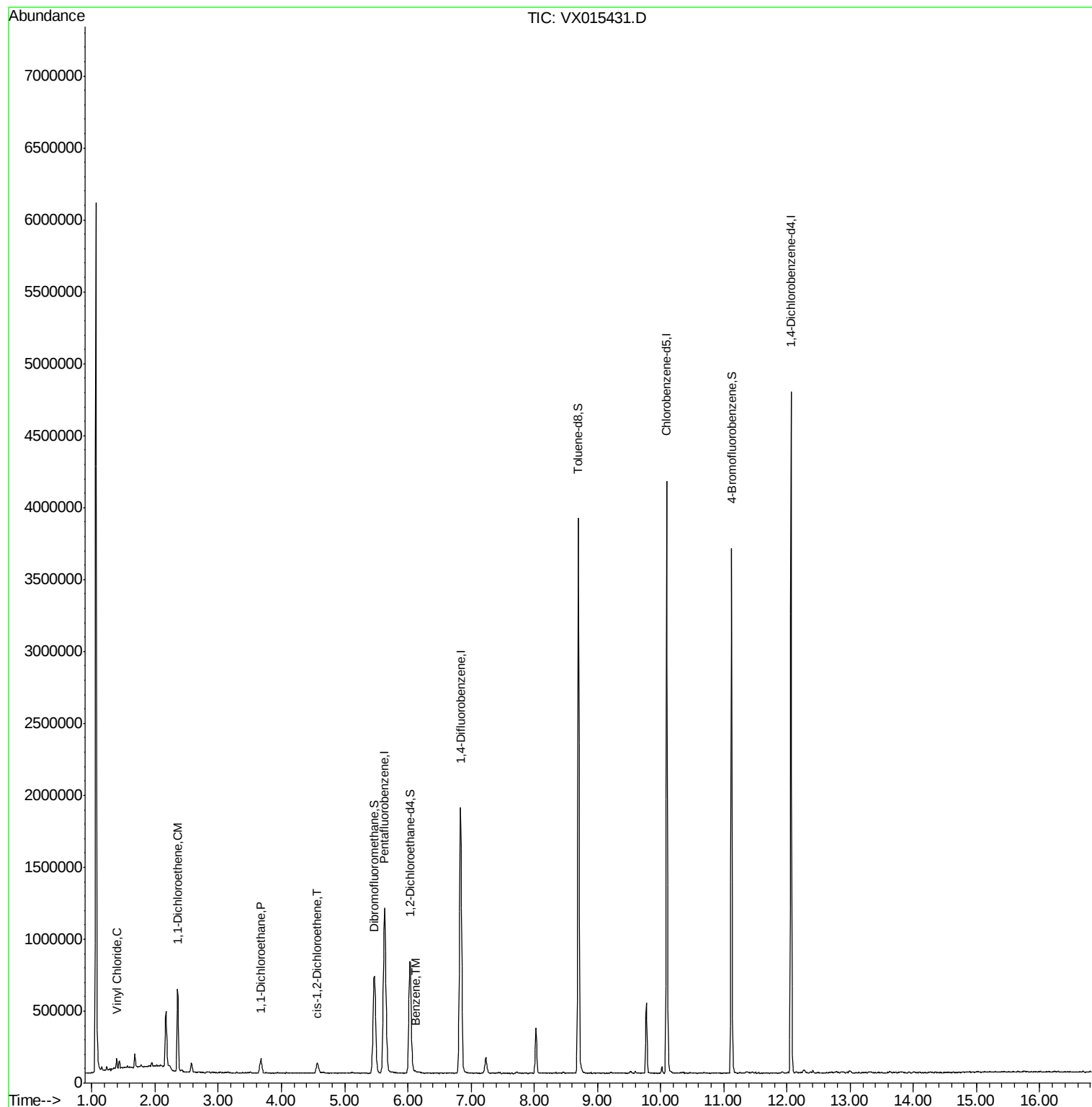
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1124660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1827423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1782723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	951448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	766553	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	5.47	113	578494	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.70	98	2230111	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.12	95	964318	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
Target Compounds						
4) Vinyl Chloride	1.39	62	42818	3.696	ug/l	98
12) 1,1-Dichloroethene	2.36	96	177296	16.698	ug/l	91
24) 1,1-Dichloroethane	3.67	63	125255	5.411	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	46481	3.409	ug/l	88
40) Benzene	6.12	78	17792	0.361	ug/l #	85

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

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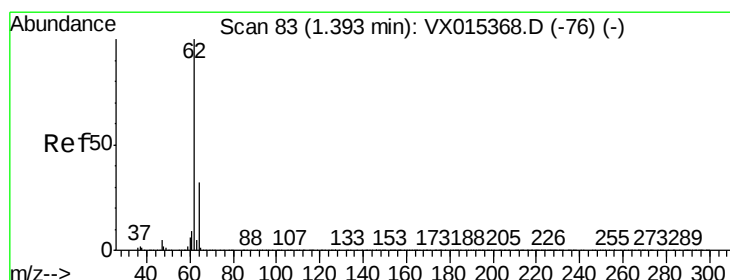
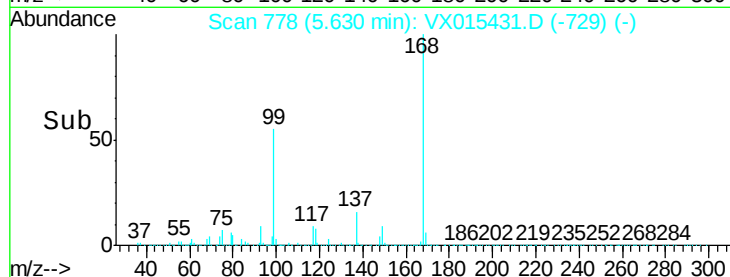
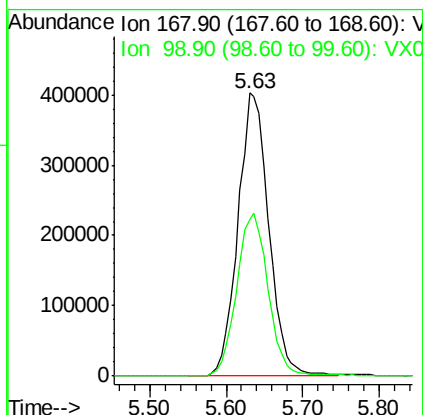
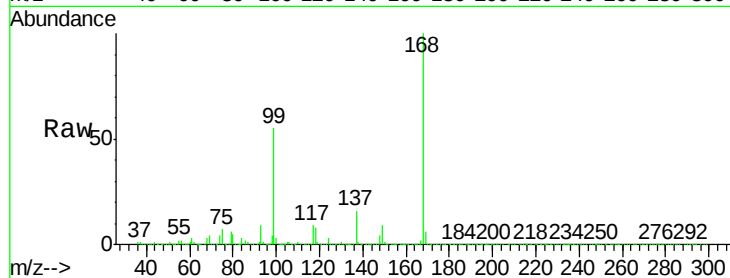


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015431.D
 Acq: 30 Mar 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

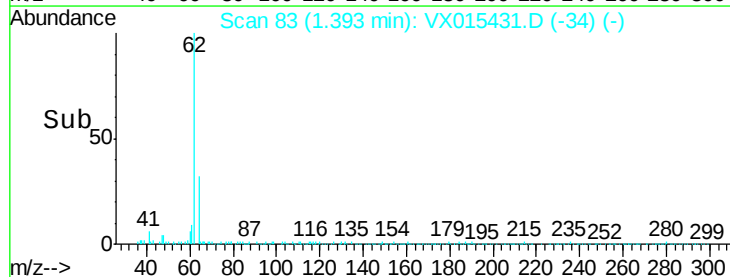
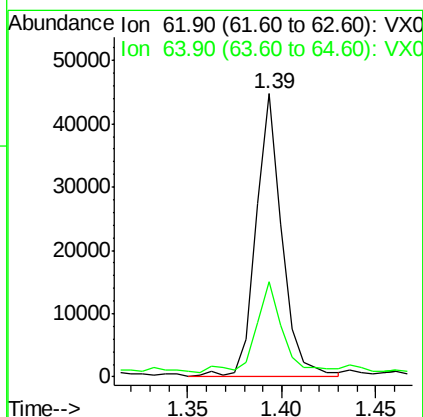
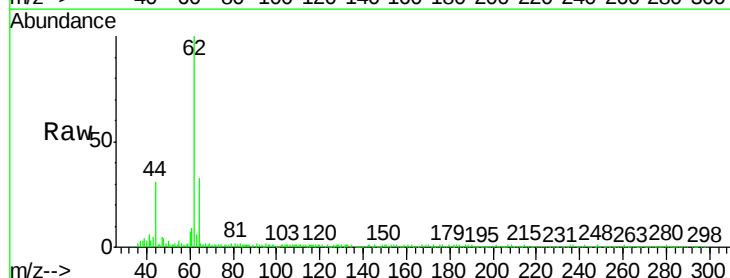
Tot Ion:168 Resp: 1124660
 Ion Ratio Lower Upper
 168 100
 99 55.3 46.4 69.6

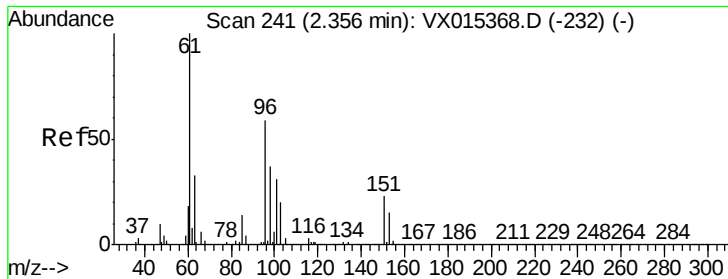


#4

Vinyl Chloride
 Concen: 3.696 ug/l
 RT: 1.39 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: VX015431.D
 Acq: 30 Mar 2020 16:27

Tgt Ion: 62 Resp: 42818
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.0 39.0





#12

1,1-Dichloroethene

Concen: 16.698 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

Instrument :

MSVOA_X

ClientSampled :

MW-3

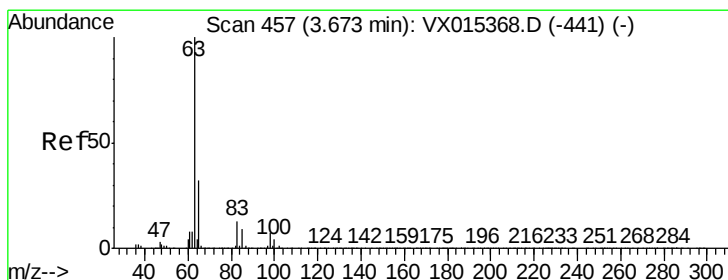
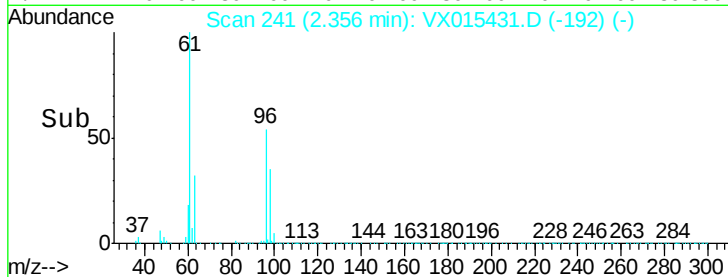
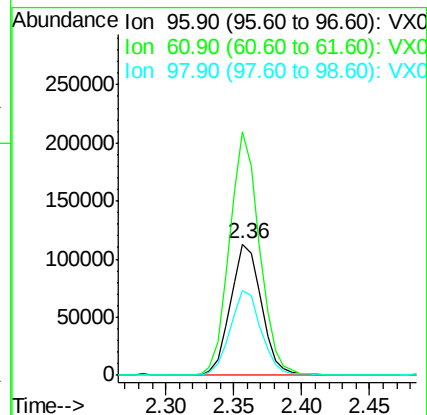
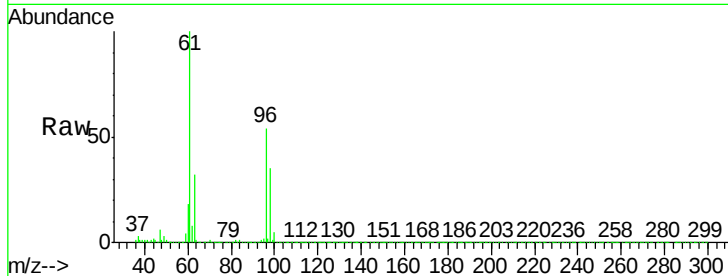
Tot Ion: 96 Resp: 177296

Ion Ratio Lower Upper

96 100

61 185.8 135.7 203.5

98 64.3 50.6 75.8



#24

1,1-Dichloroethane

Concen: 5.411 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

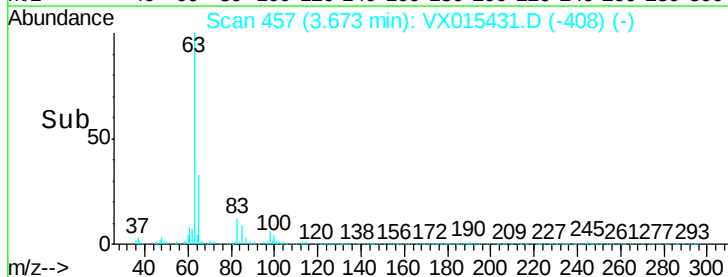
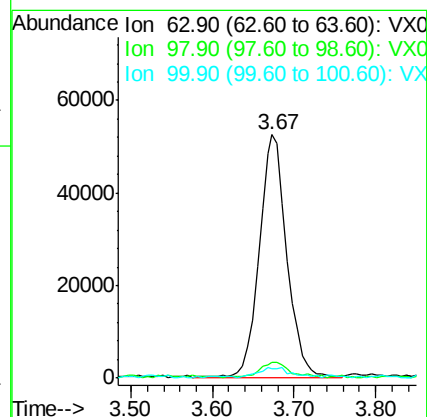
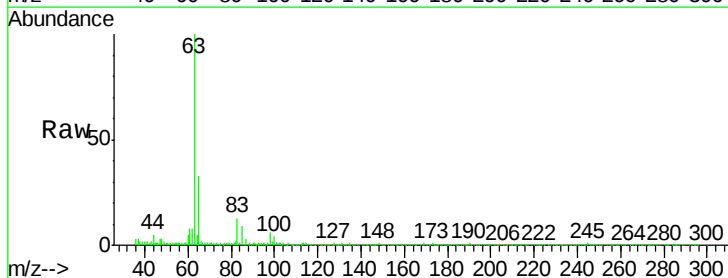
Tgt Ion: 63 Resp: 125255

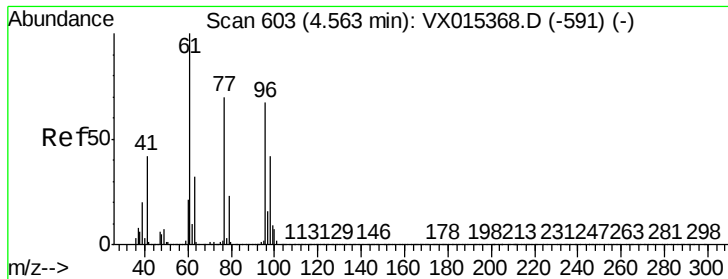
Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.8

100 3.6 2.1 6.5



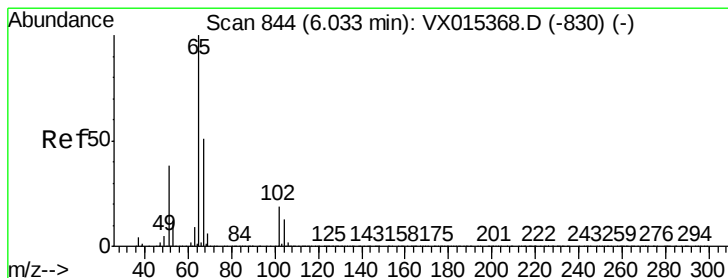
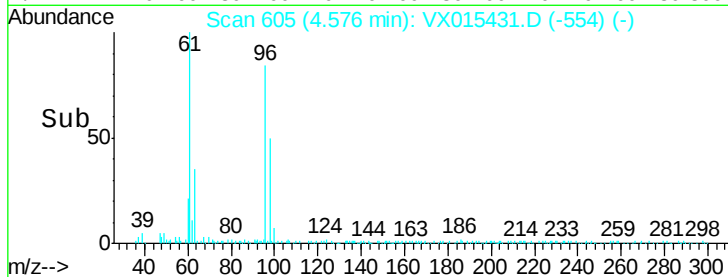
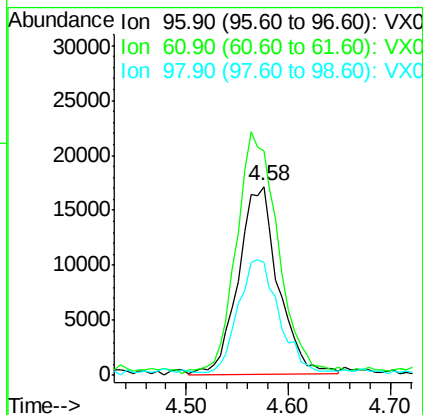
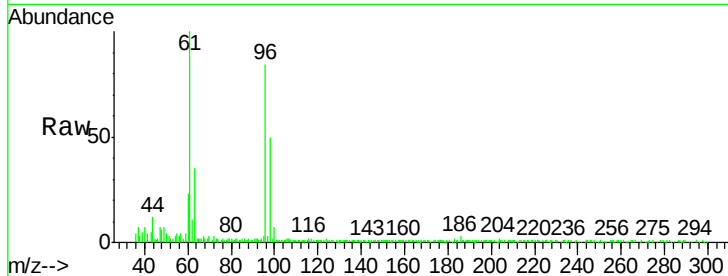


#27

cis-1,2-Dichloroethene
Concen: 3.409 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX015431.D
Acq: 30 Mar 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
MW-3

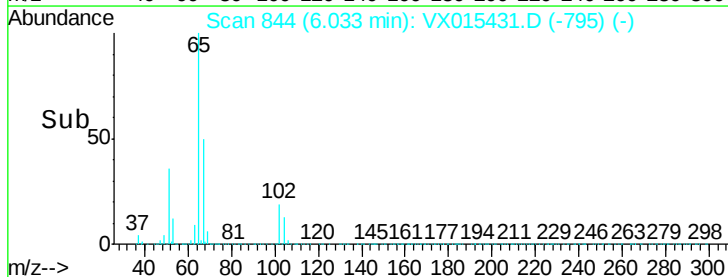
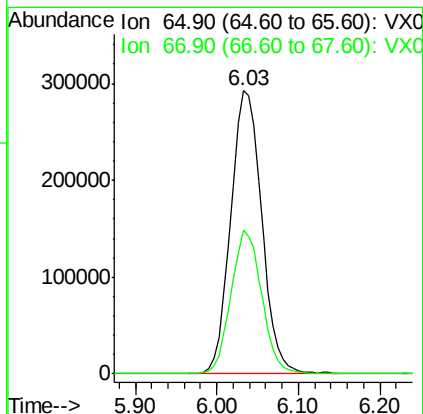
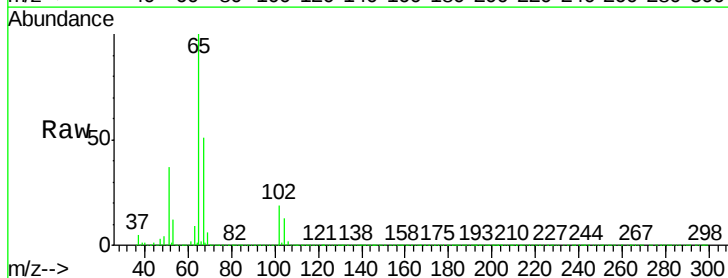
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	308.4
98	60.4	0.0	129.2

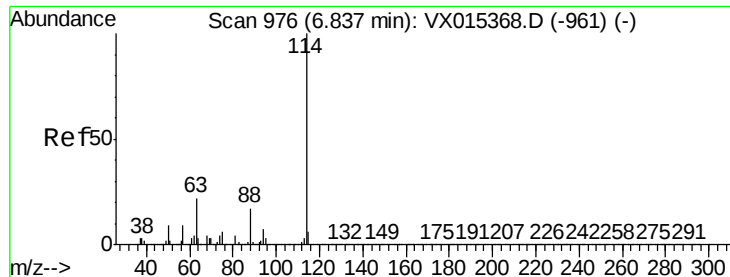


#33

1,2-Dichloroethane-d4
Concen: 48.326 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015431.D
Acq: 30 Mar 2020 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

Instrument :

MSVOA_X

ClientSampled :

MW-3

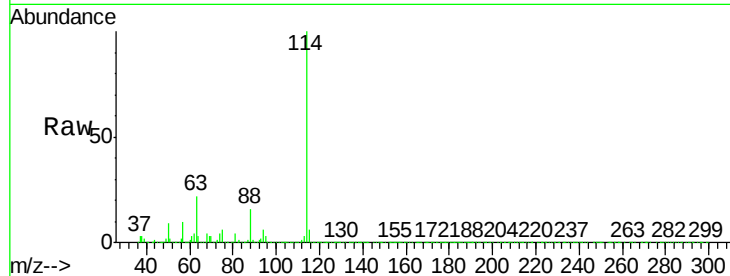
Tot Ion:114 Resp: 1827423

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

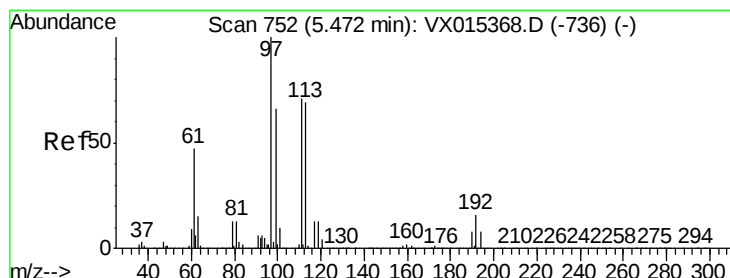
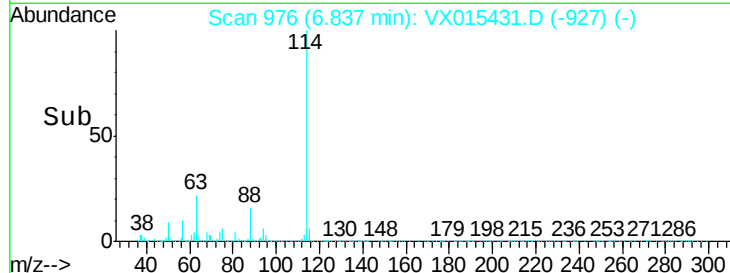
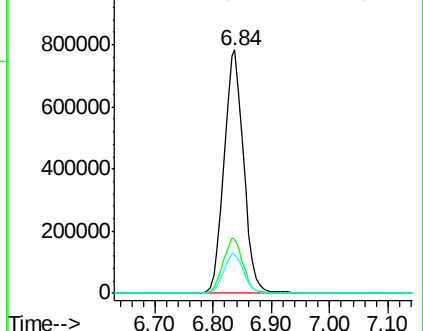
88 16.0 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 49.523 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

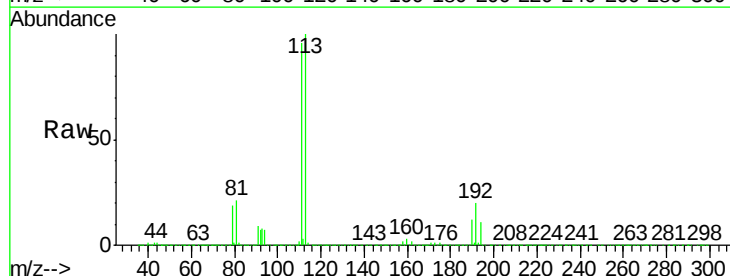
Tgt Ion:113 Resp: 578494

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

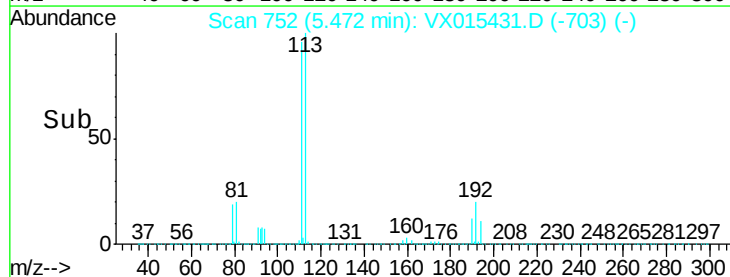
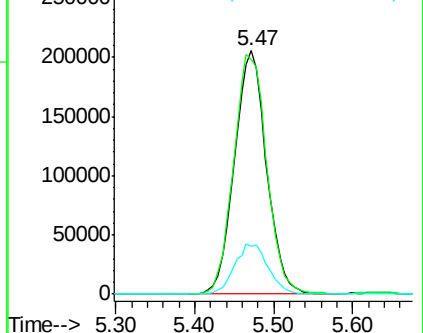
192 21.4 17.8 26.6

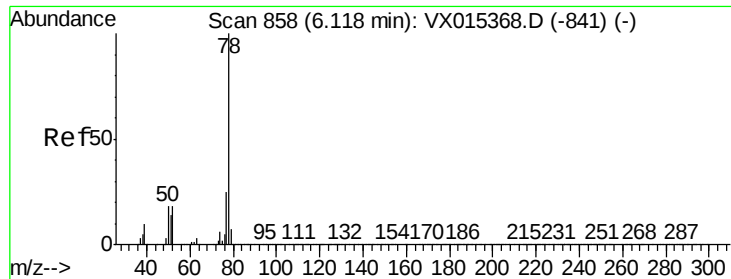


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.361 ug/l

RT: 6.12 min Scan# 859

Delta R.T. 0.01 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

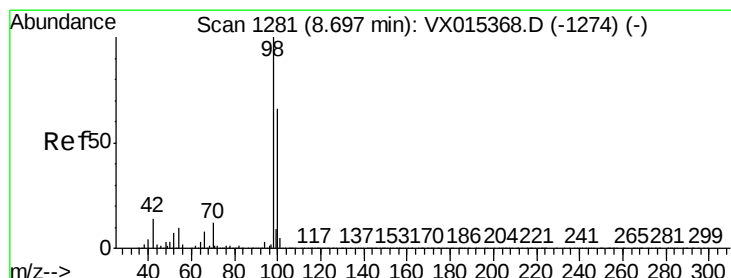
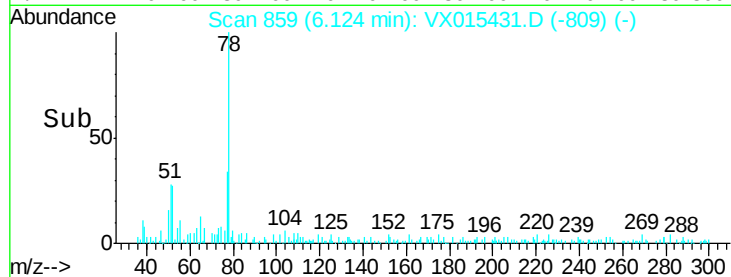
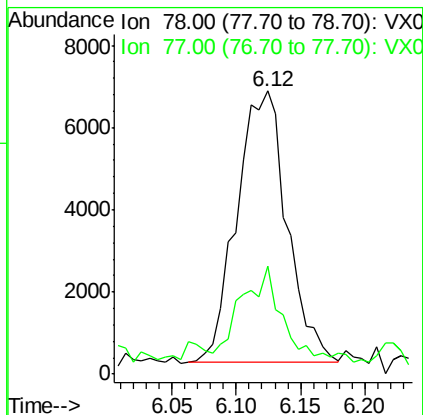
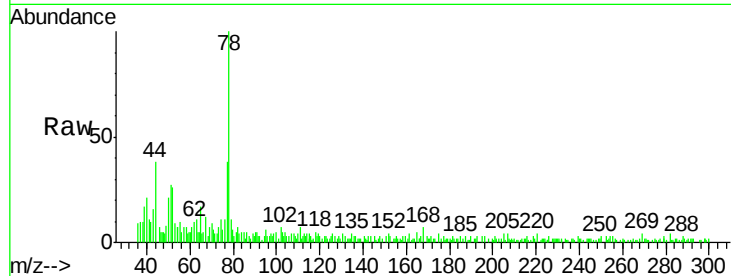
MW-3

Tot Ion: 78 Resp: 17792

Ion Ratio Lower Upper

78 100

77 32.1 19.8 29.8#



#50

Toluene-d8

Concen: 51.854 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015431.D

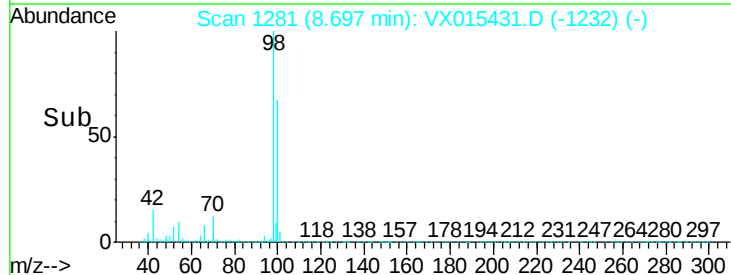
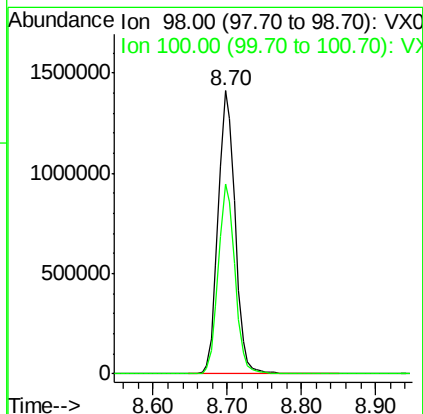
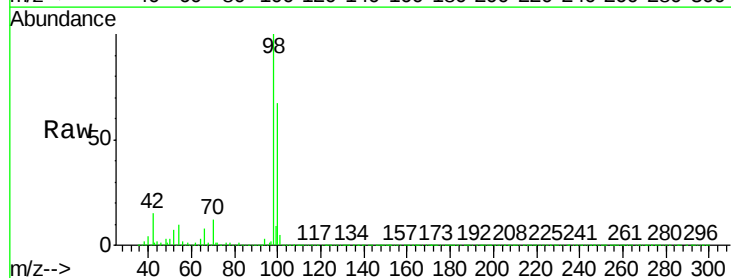
Acq: 30 Mar 2020 16:27

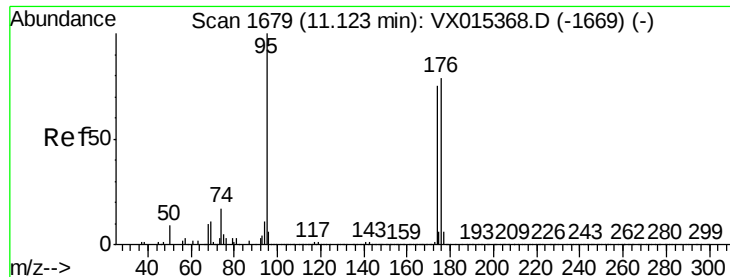
Tgt Ion: 98 Resp: 2230111

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 55.172 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

MW-3

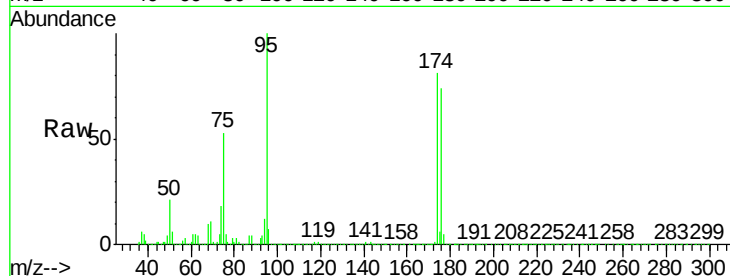
Tot Ion: 95 Resp: 964318

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

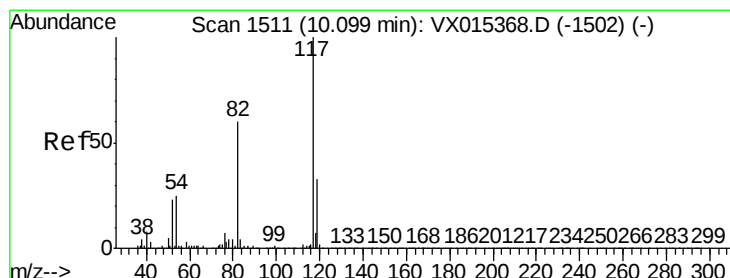
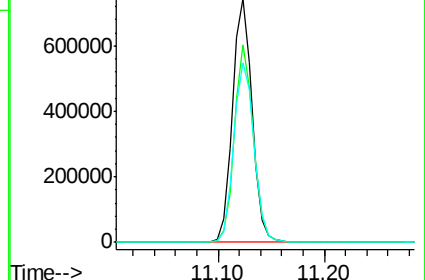
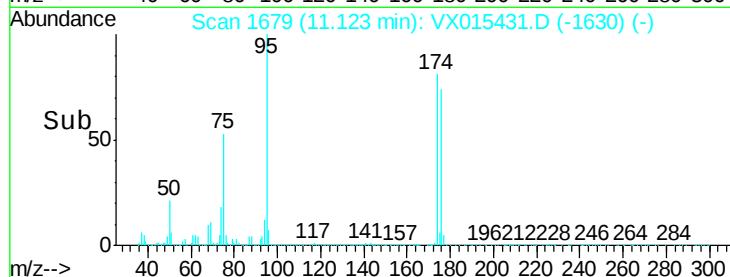
176 76.2 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015431.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015431.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015431.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015431.D

Acq: 30 Mar 2020 16:27

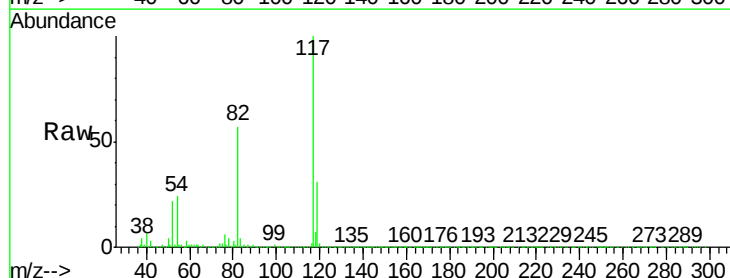
Tgt Ion: 117 Resp: 1782723

Ion Ratio Lower Upper

117 100

82 56.7 47.8 71.8

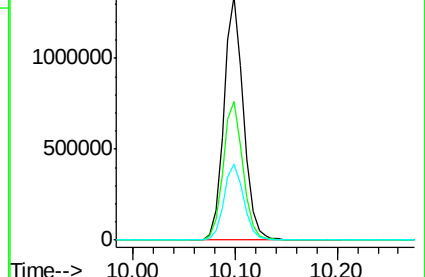
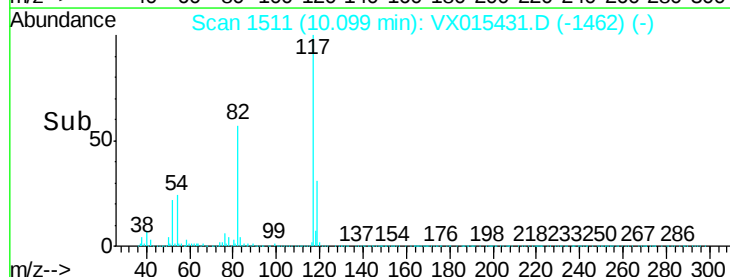
119 31.1 26.8 40.2

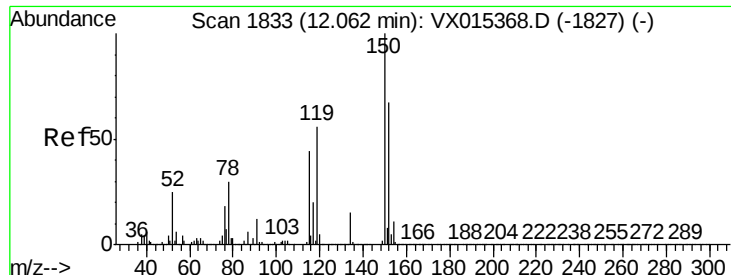


Abundance Ion 116.90 (116.60 to 117.60): VX015431.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015431.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015431.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015431.D

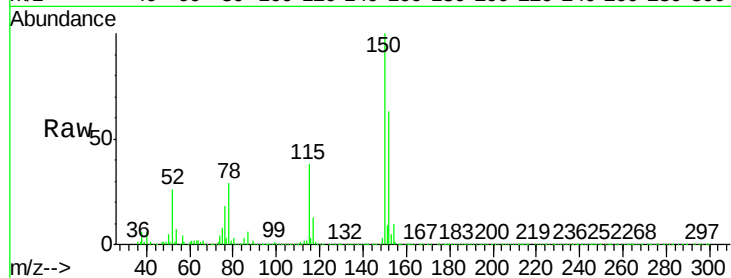
Acq: 30 Mar 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

MW-3



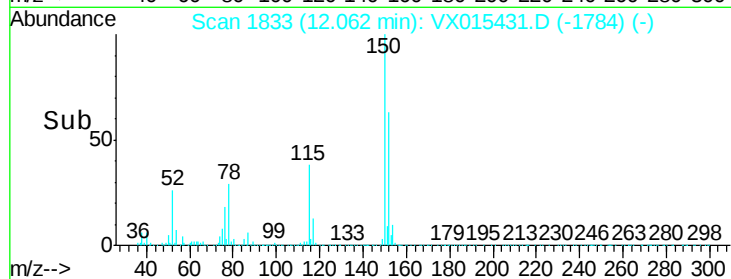
Tot Ion:152 Resp: 951448

Ion Ratio Lower Upper

152 100

115 57.8 39.0 116.9

150 154.1 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

