

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015435.D
 Acq On : 30 Mar 2020 17:58
 Operator : JC/SP
 Sample : L2022-05 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Mar 31 09:28:49 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

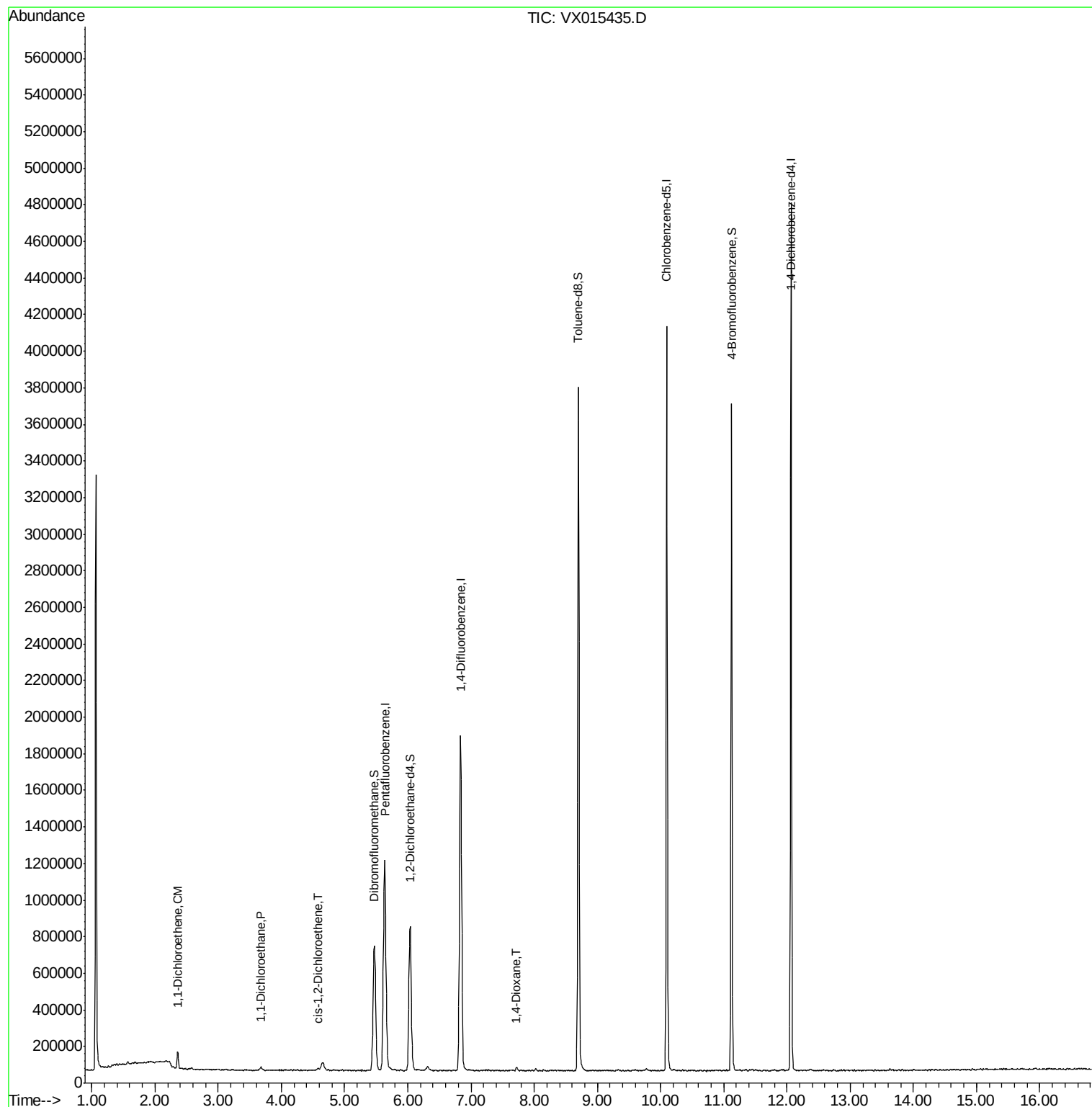
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1119261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1819067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1766691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	944060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	765612	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.47	113	579764	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.70	98	2214046	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.12	95	961301	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	28795	2.725	ug/l	94
24) 1,1-Dichloroethane	3.67	63	22557	0.979	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	6499	0.479	ug/l	85
49) 1,4-Dioxane	7.72	88	13836	40.306	ug/l	93

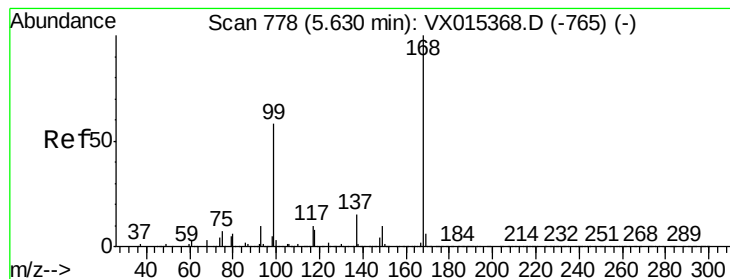
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015435.D

Acq: 30 Mar 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

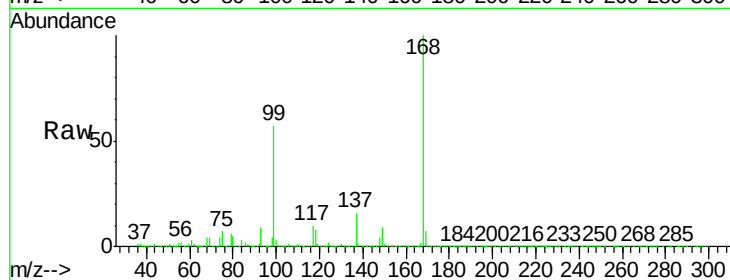
DUP-1

Tot Ion:168 Resp: 1119261

Ion Ratio Lower Upper

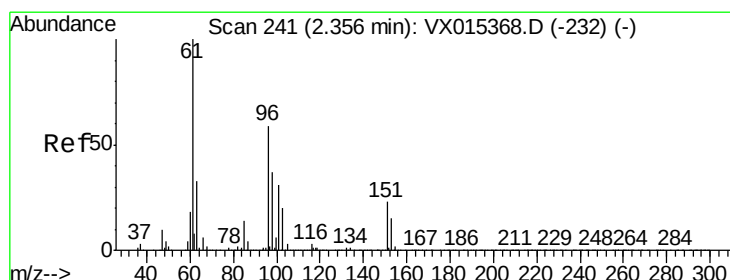
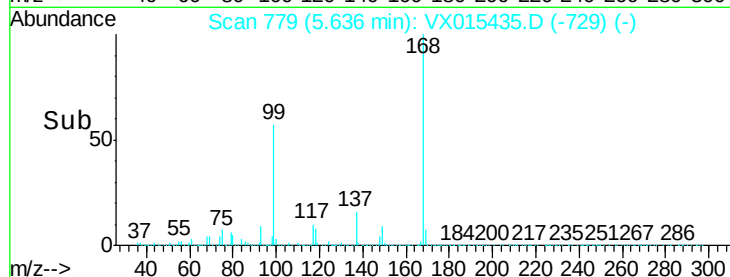
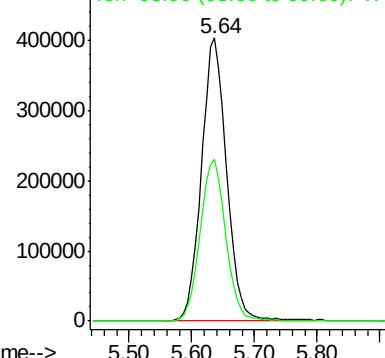
168 100

99 56.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 2.725 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015435.D

Acq: 30 Mar 2020 17:58

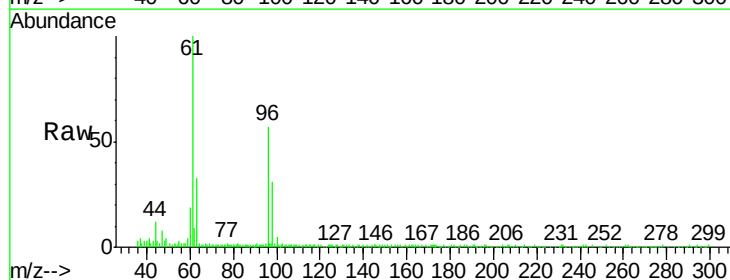
Tgt Ion: 96 Resp: 28795

Ion Ratio Lower Upper

96 100

61 175.2 135.7 203.5

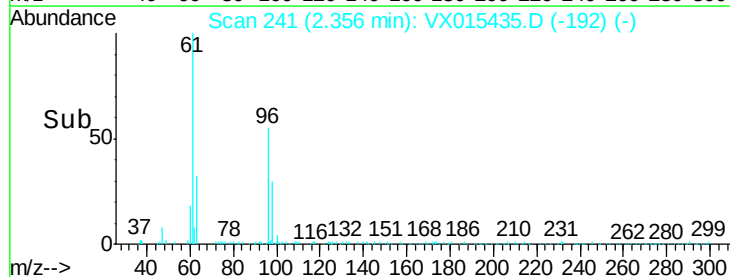
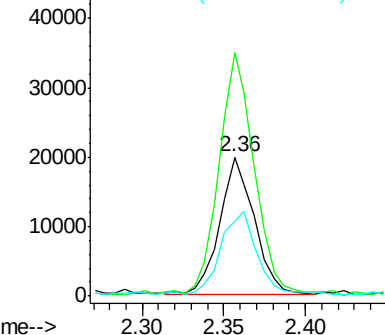
98 53.3 50.6 75.8

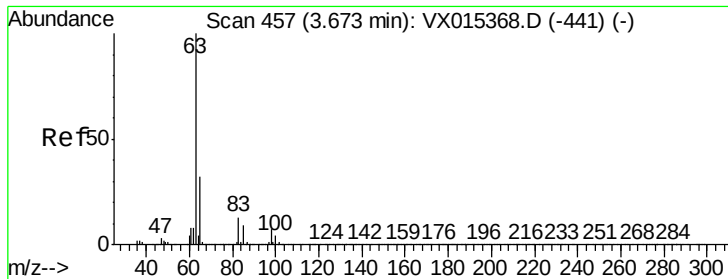


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.979 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015435.D

Acq: 30 Mar 2020 17:58

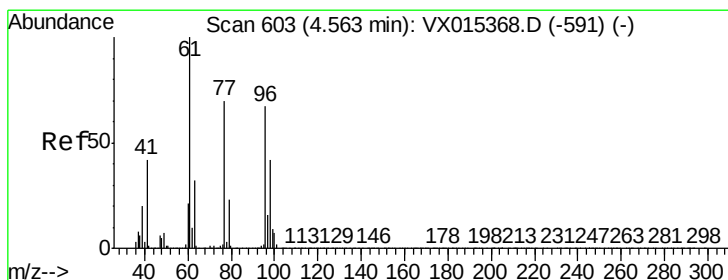
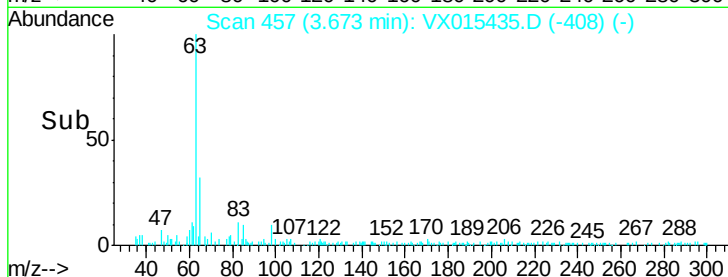
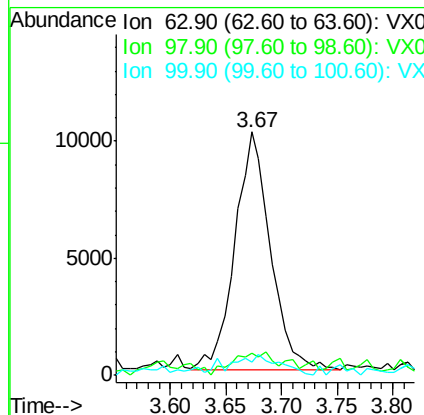
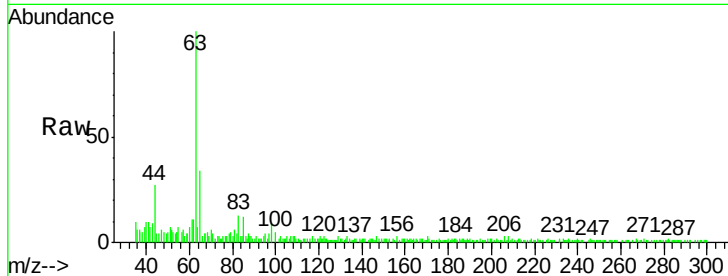
Instrument :

MSVOA_X

ClientSampled :

DUP-1

Tot Ion:	63	Resp:	22557
Ion	Ratio	Lower	Upper
63	100		
98	4.2	3.3	9.8
100	3.0	2.1	6.5



#27

cis-1,2-Dichloroethene

Concen: 0.479 ug/l

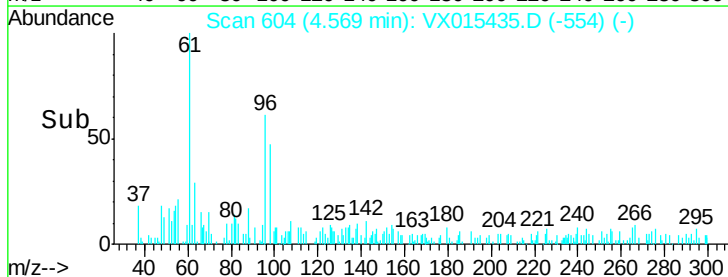
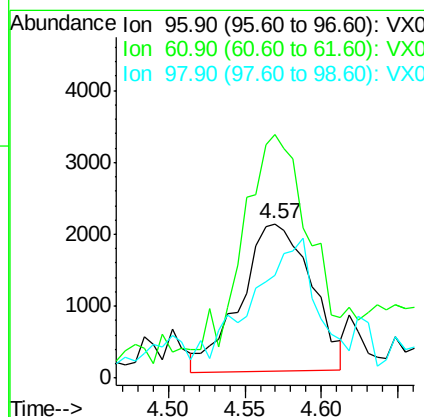
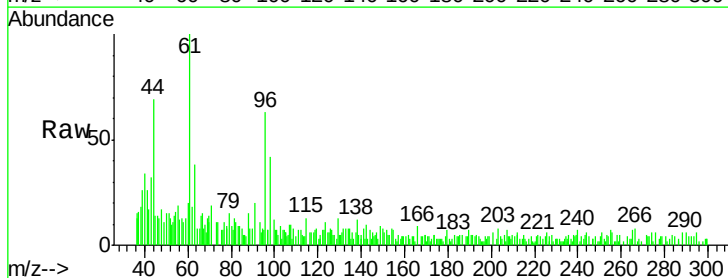
RT: 4.57 min Scan# 604

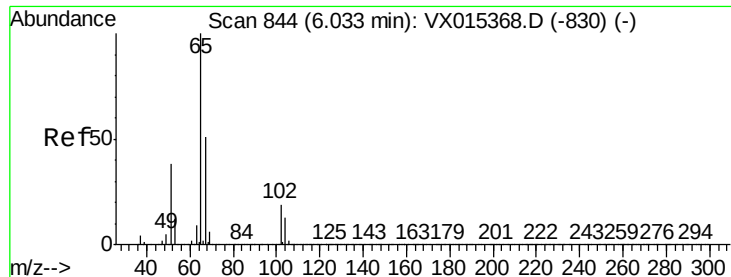
Delta R.T. 0.01 min

Lab File: VX015435.D

Acq: 30 Mar 2020 17:58

Tgt Ion:	96	Resp:	6499
Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	308.4
98	75.2	0.0	129.2





#33

1,2-Dichloroethane-d4

Concen: 48.500 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015435.D

Acq: 30 Mar 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

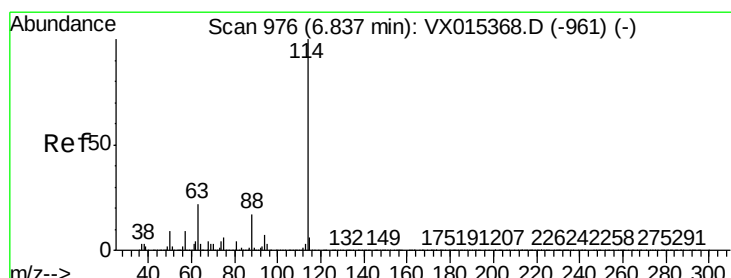
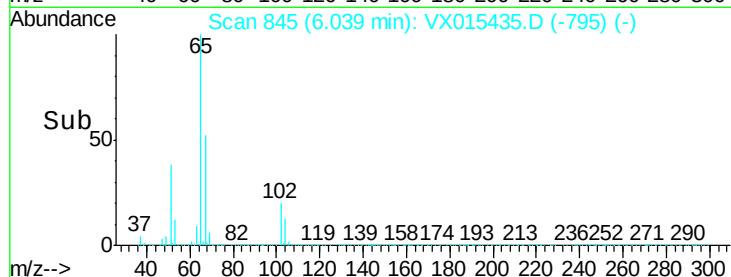
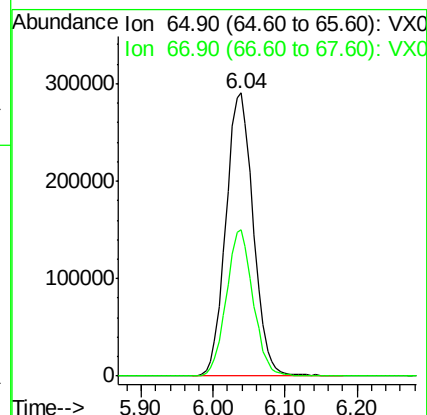
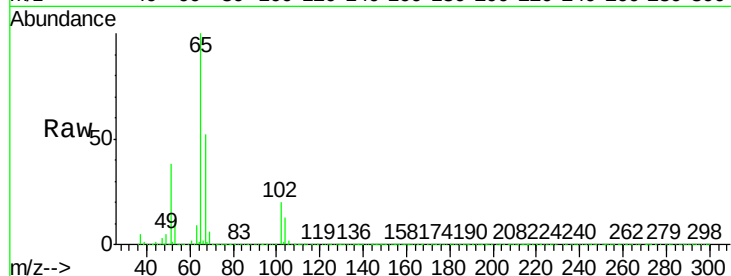
DUP-1

Tot Ion: 65 Resp: 765612

Ion Ratio Lower Upper

65 100

67 50.3 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: VX015435.D

Acq: 30 Mar 2020 17:58

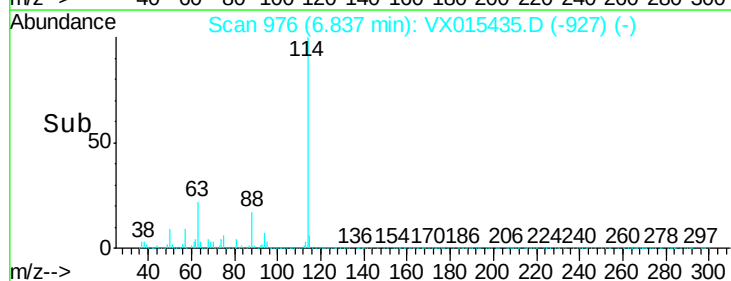
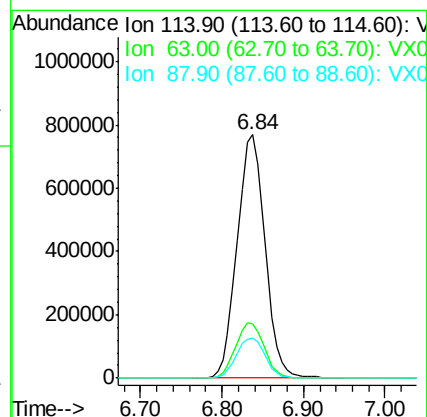
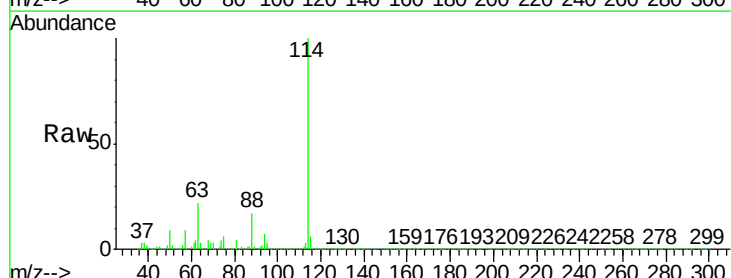
Tgt Ion: 114 Resp: 1819067

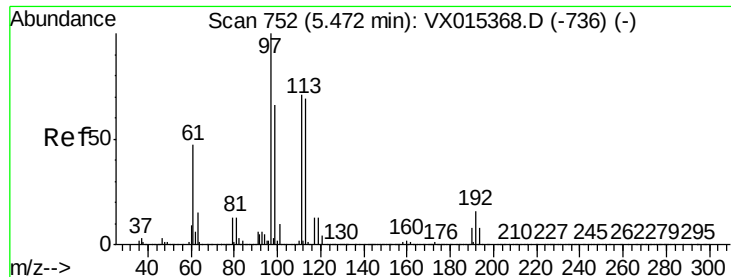
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

88 16.7 0.0 33.8

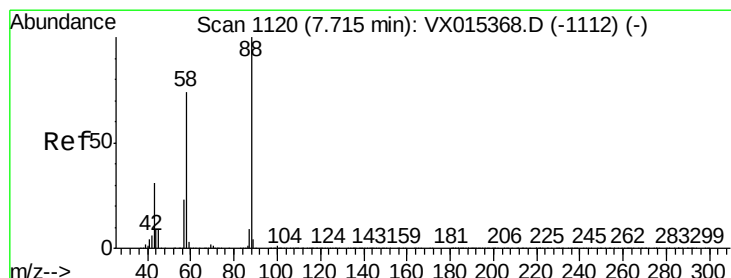
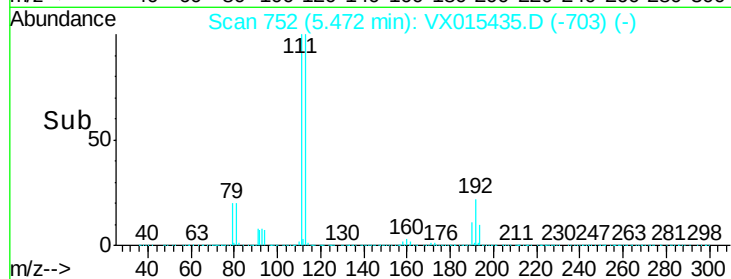
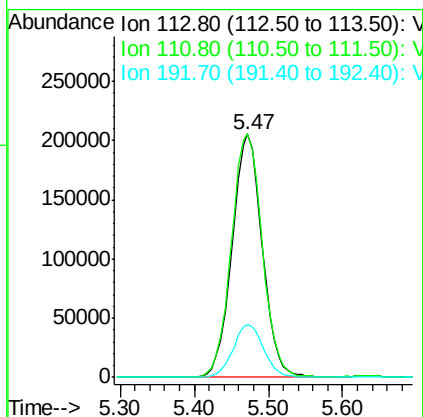
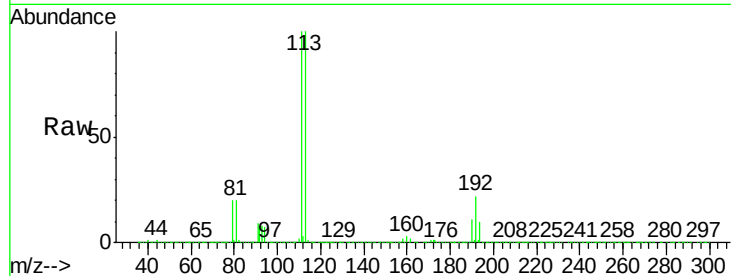




#35
Dibromofluoromethane
Concen: 49.859 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

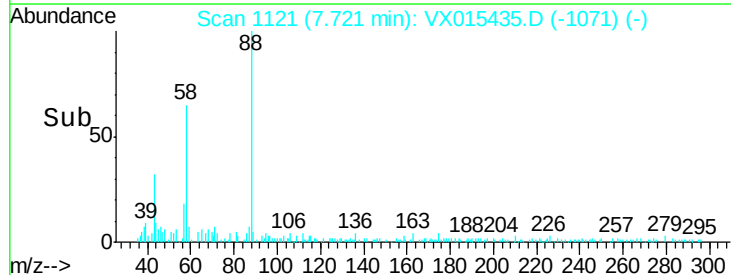
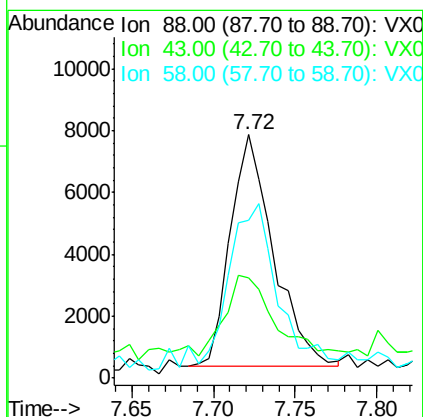
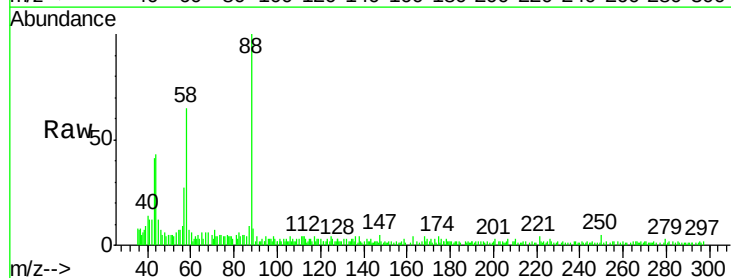
Instrument :
MSVOA_X
ClientSampled :
DUP-1

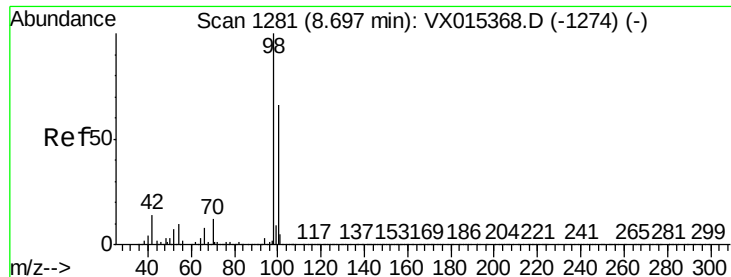
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	22.0	17.8	26.6



#49
1,4-Dioxane
Concen: 40.306 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
43	44.0	30.1	45.1
58	80.6	60.6	90.8

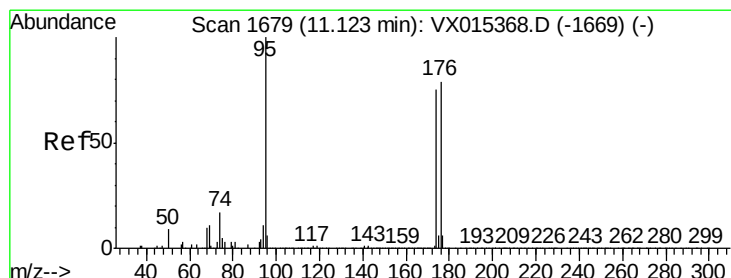
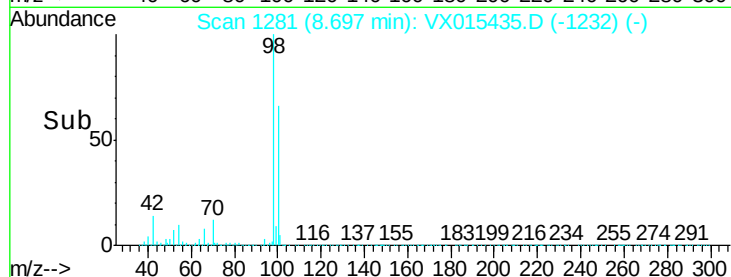
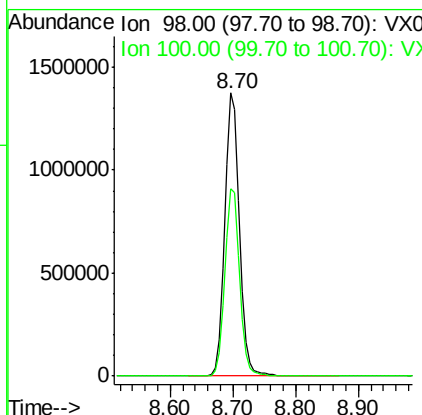
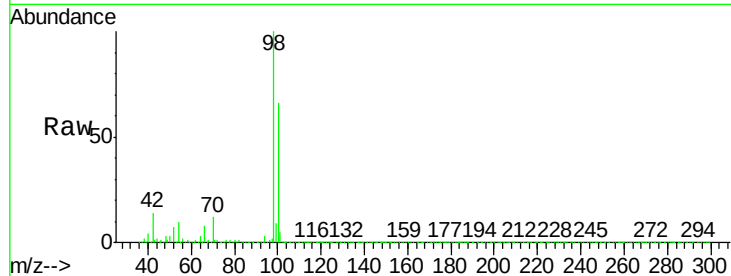




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

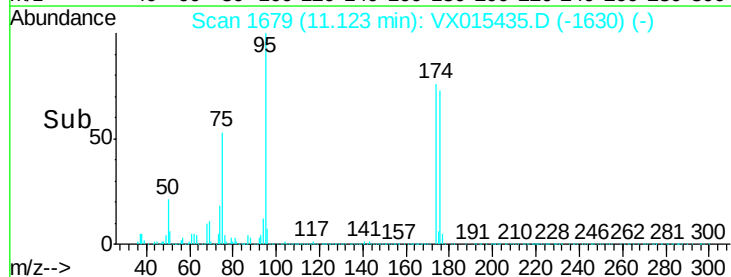
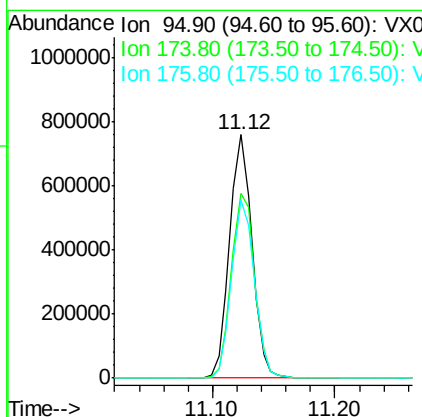
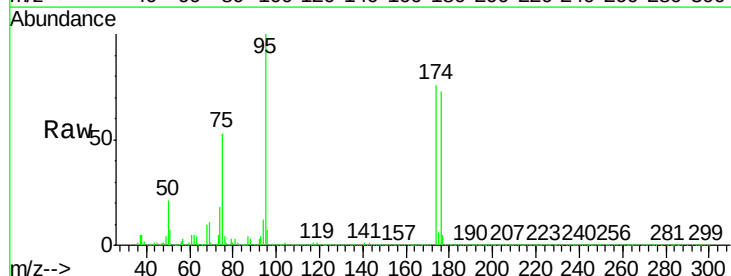
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

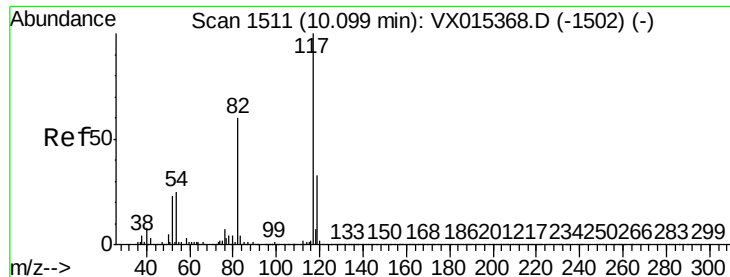
Tot Ion: 98 Resp: 2214046
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.252 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

Tgt Ion: 95 Resp: 961301
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.6
176 74.5 0.0 159.0

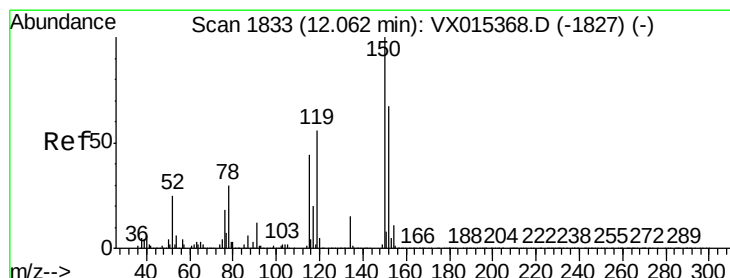
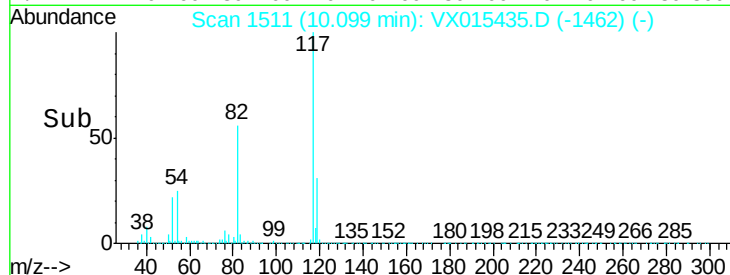
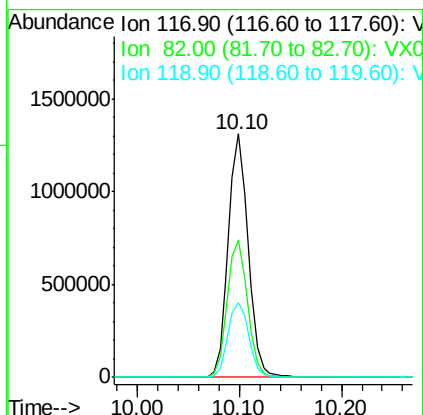
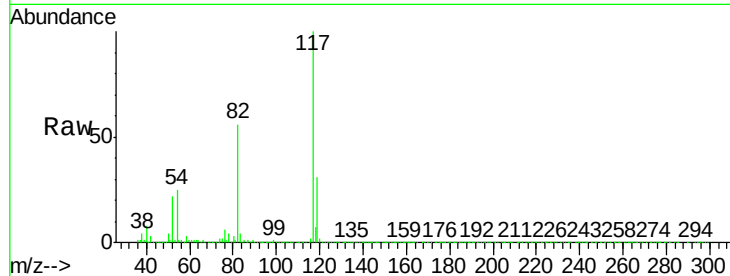




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tot Ion:117 Resp: 1766691
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.8
119 30.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015435.D
Acq: 30 Mar 2020 17:58

Tgt Ion:152 Resp: 944060
Ion Ratio Lower Upper
152 100
115 58.1 39.0 116.9
150 157.1 0.0 340.8

