

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012635.D
 Acq On : 24 Sep 2019 16:07
 Operator : JC/SP
 Sample : K5013-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0544

Quant Time: Sep 25 06:07:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

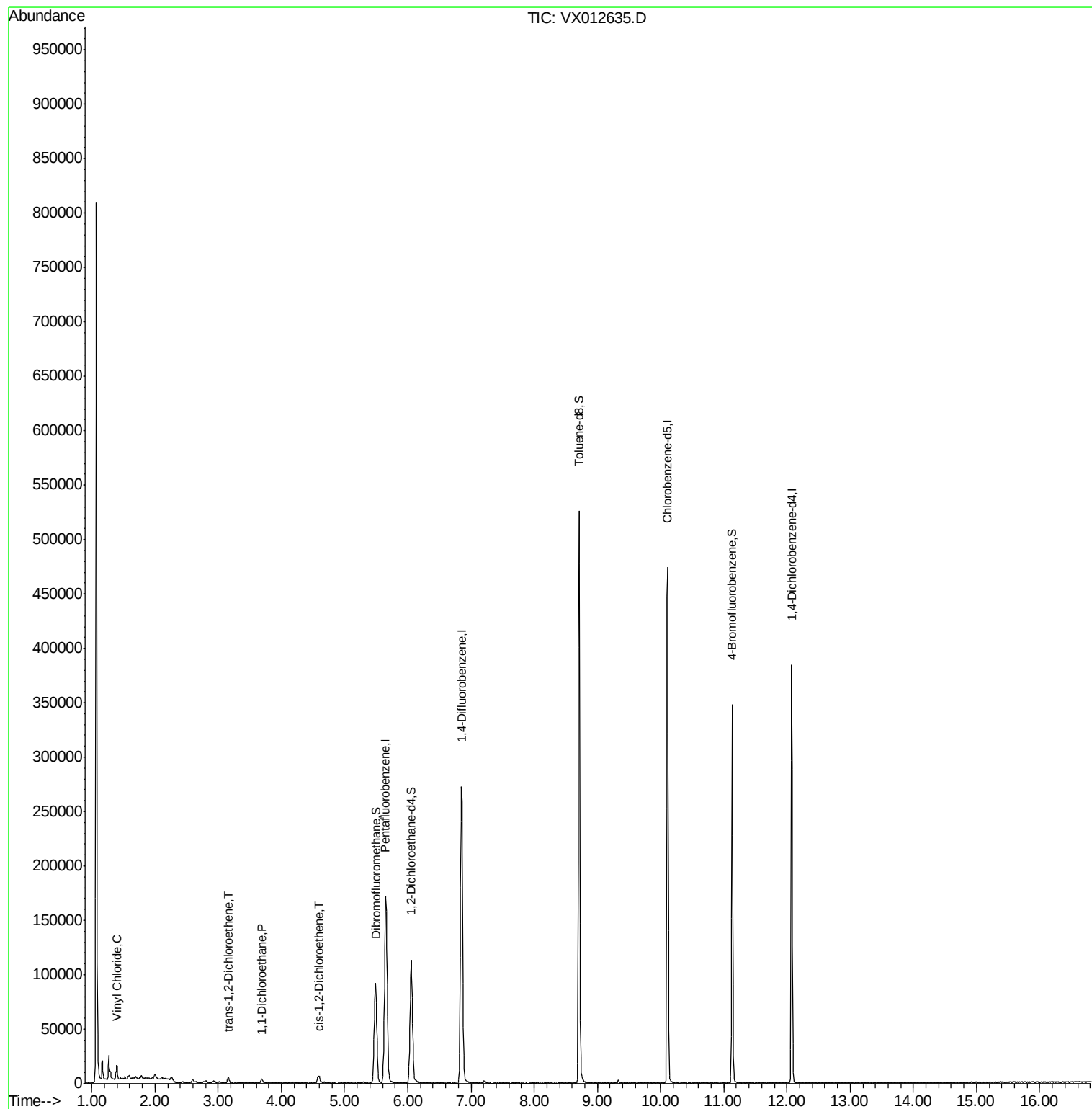
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109865	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	5.49	113	78618	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	305178	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	97887	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2265	1.139	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	1960	1.062	ug/l	86
24) 1,1-Dichloroethane	3.69	63	3803	1.096	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	4498	2.101	ug/l	86

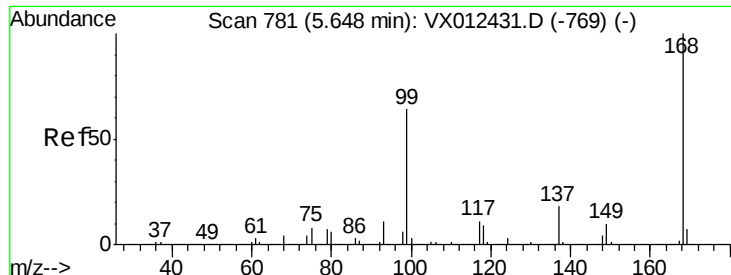
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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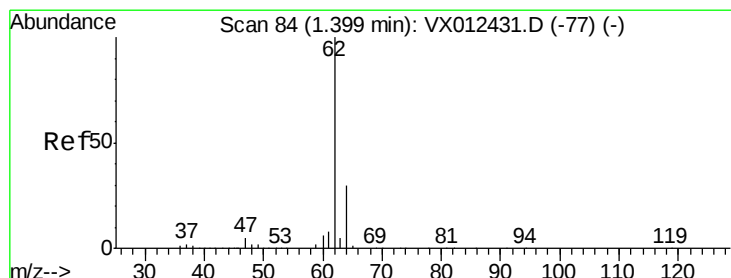
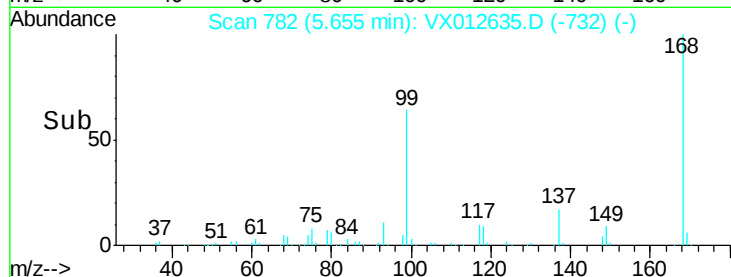
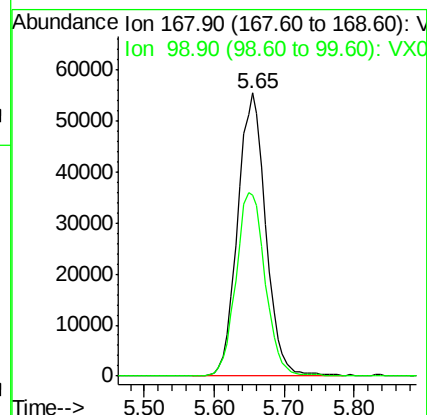
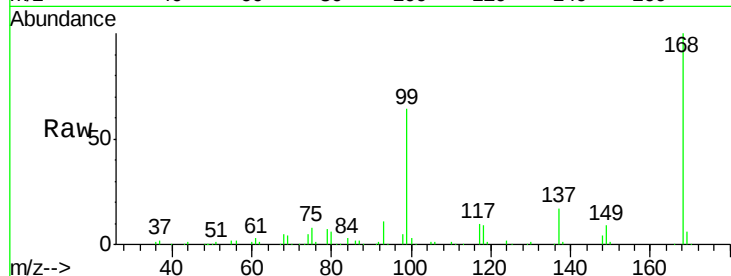




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

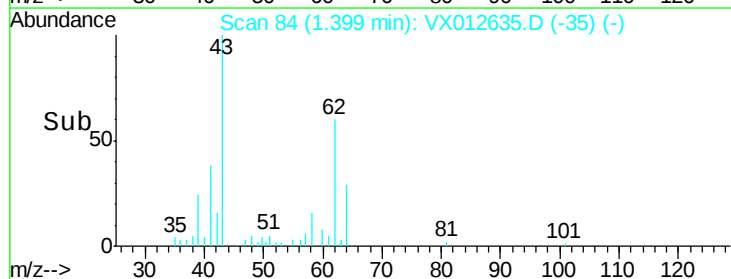
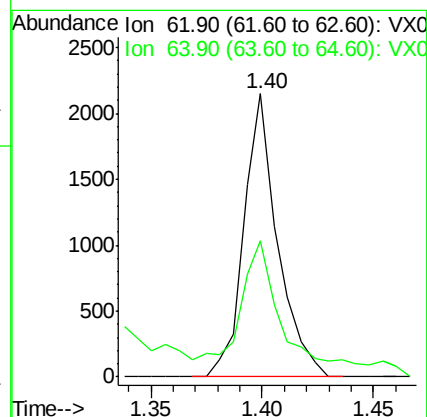
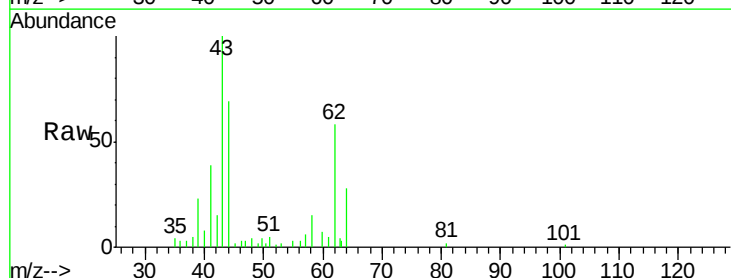
Instrument :
MSVOA_X
ClientSampleId :
S49-0544

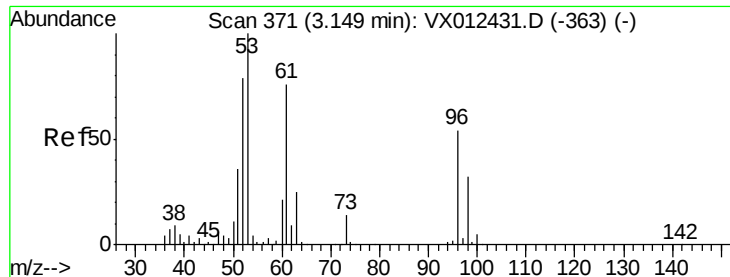
Tot Ion:168 Resp: 154921
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.2



#4
Vinyl Chloride
Concen: 1.139 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

Tgt Ion: 62 Resp: 2265
Ion Ratio Lower Upper
62 100
64 42.1 24.2 36.2#





#21

trans-1,2-Dichloroethene

Concen: 1.062 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012635.D

Acq: 24 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

S49-0544

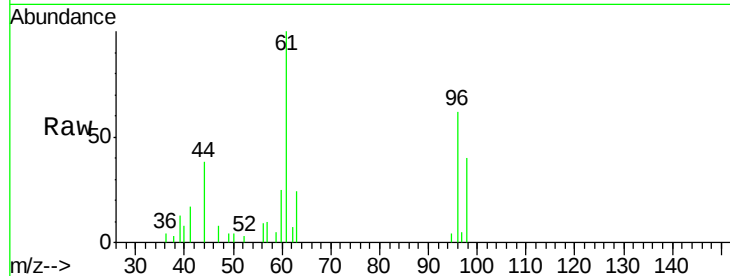
Tot Ion: 96 Resp: 1960

Ion Ratio Lower Upper

96 100

61 161.1 112.0 168.0

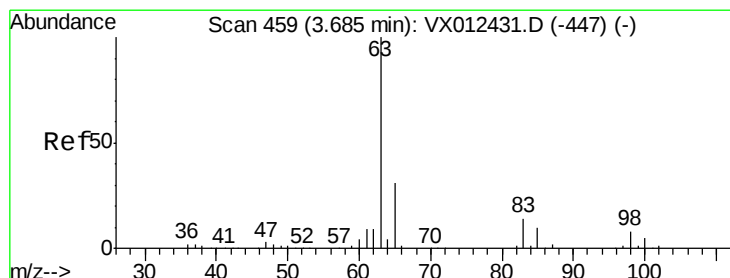
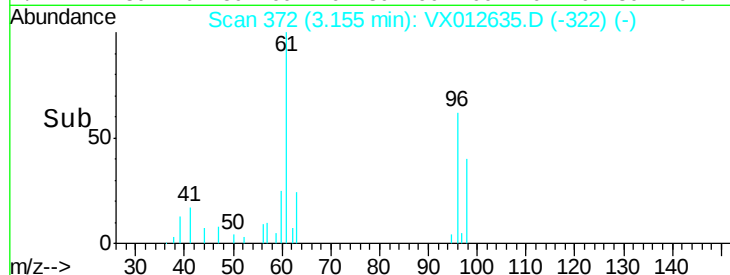
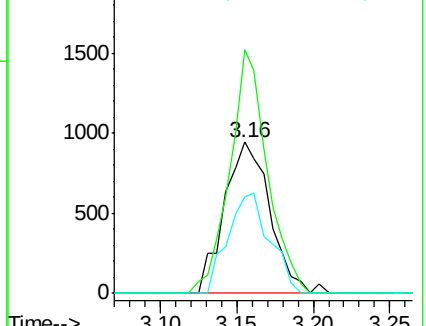
98 64.0 47.8 71.8



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: 1.096 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012635.D

Acq: 24 Sep 2019 16:07

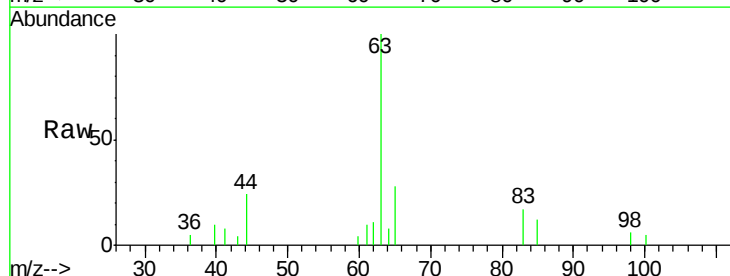
Tgt Ion: 63 Resp: 3803

Ion Ratio Lower Upper

63 100

98 5.8 3.9 11.7

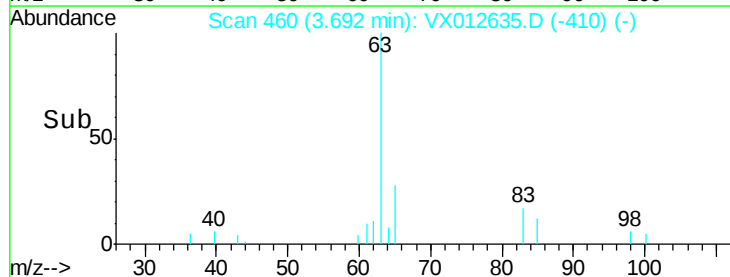
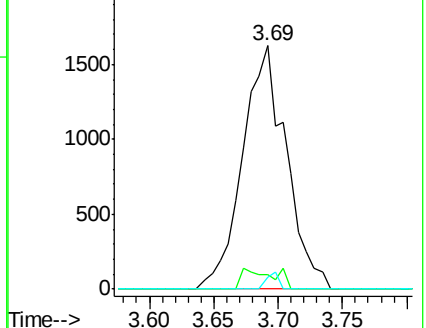
100 5.0 2.3 6.9

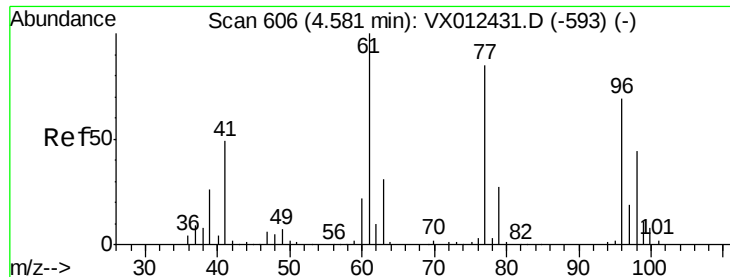


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



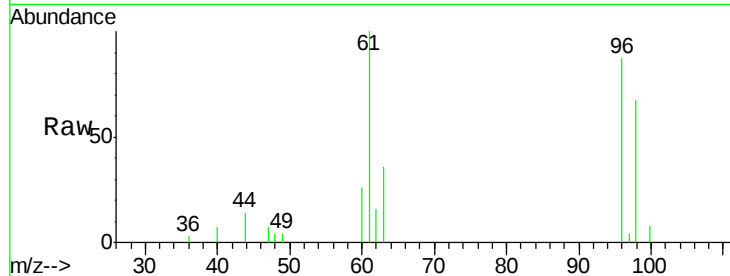


#27

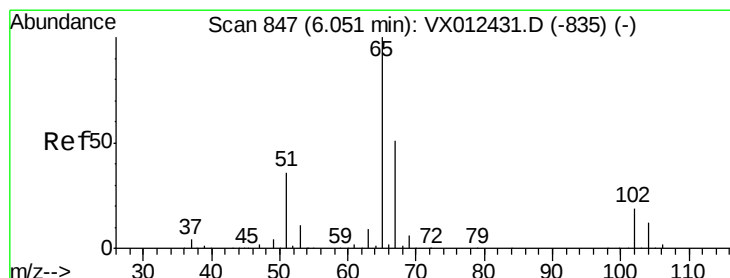
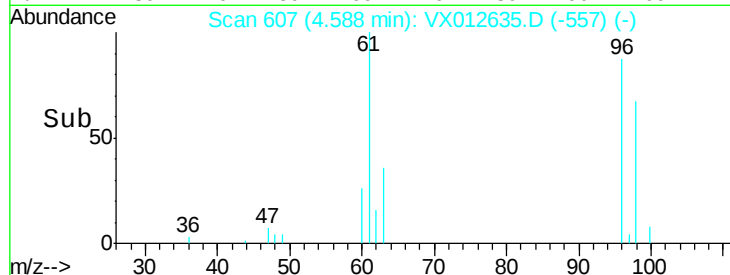
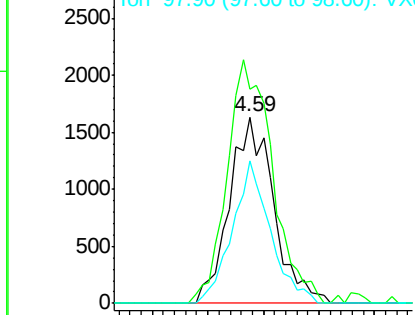
cis-1,2-Dichloroethene
Concen: 2.101 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

Instrument :
MSVOA_X
ClientSampled :
S49-0544

Tot Ion: 96 Resp: 4498
Ion Ratio Lower Upper
96 100
61 134.1 0.0 319.4
98 65.5 0.0 130.6



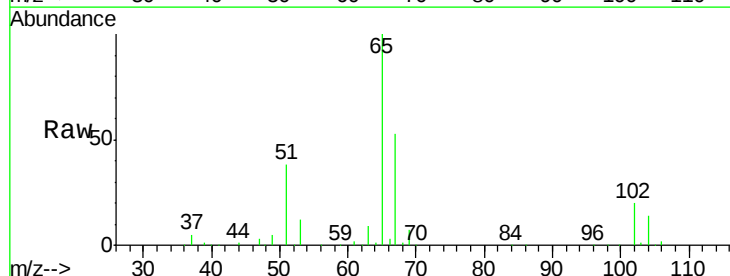
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



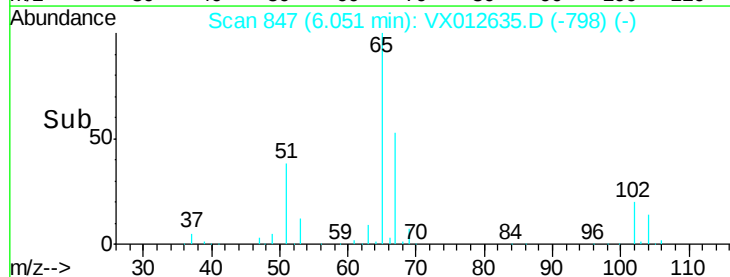
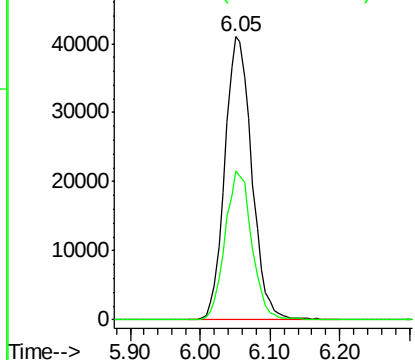
#33

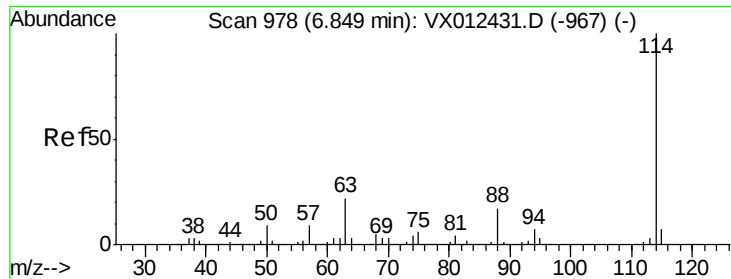
1,2-Dichloroethane-d4
Concen: 48.700 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

Tgt Ion: 65 Resp: 109865
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

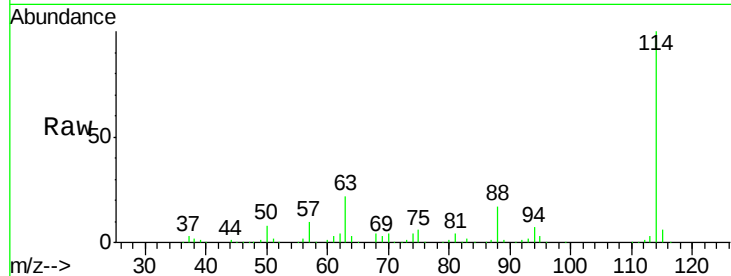




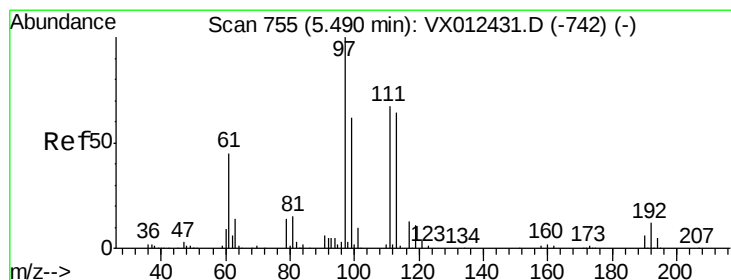
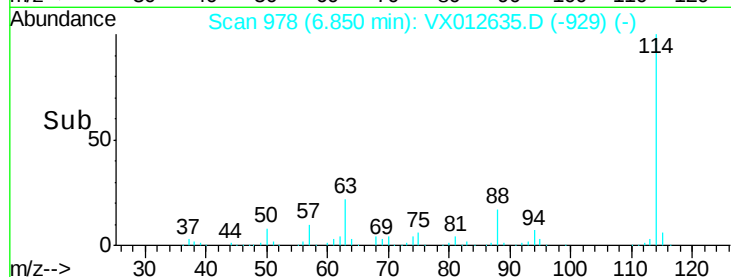
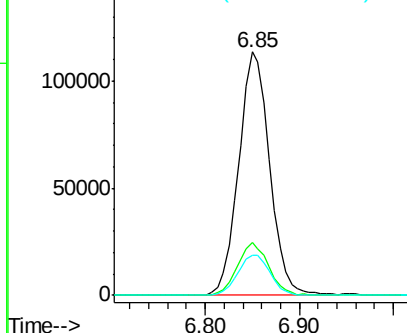
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012635.D
 Acq: 24 Sep 2019 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0544

Tot Ion:114 Resp: 261581
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.6 0.0 33.2

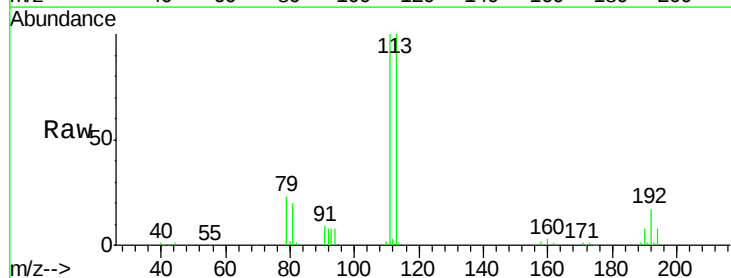


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

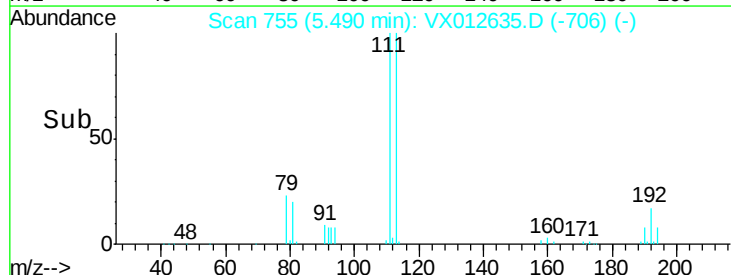
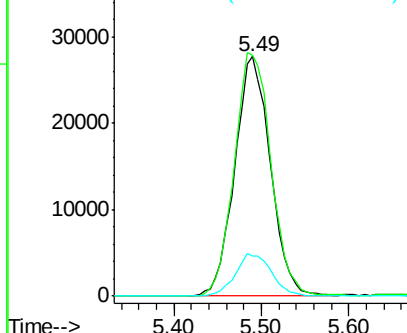


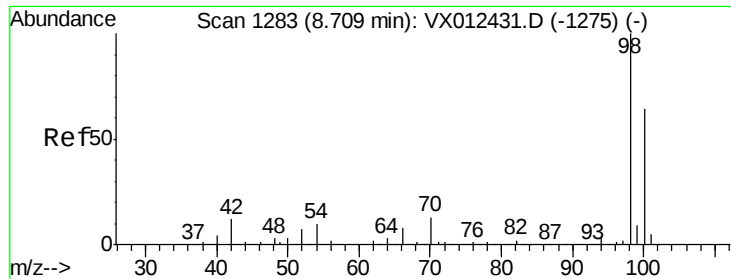
#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012635.D
 Acq: 24 Sep 2019 16:07

Tgt Ion:113 Resp: 78618
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.4 125.2
 192 18.0 14.4 21.6



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





#50

Toluene-d8

Concen: 50.869 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012635.D

Acq: 24 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampled :

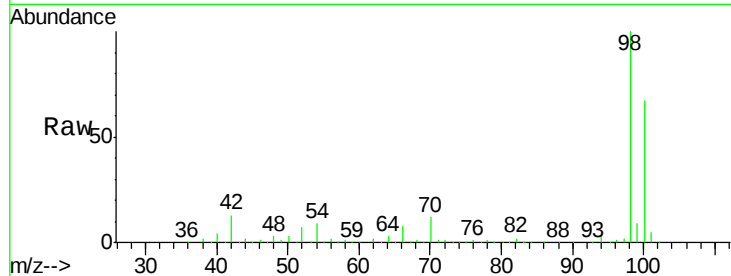
S49-0544

Tot Ion: 98 Resp: 305178

Ion Ratio Lower Upper

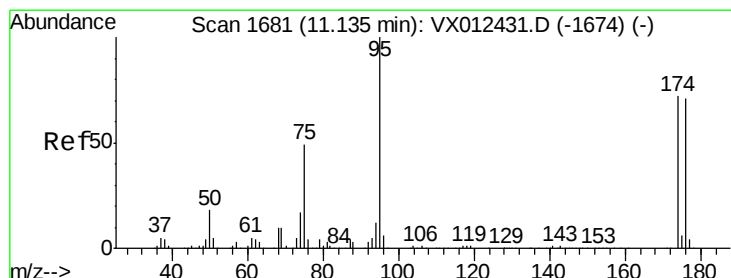
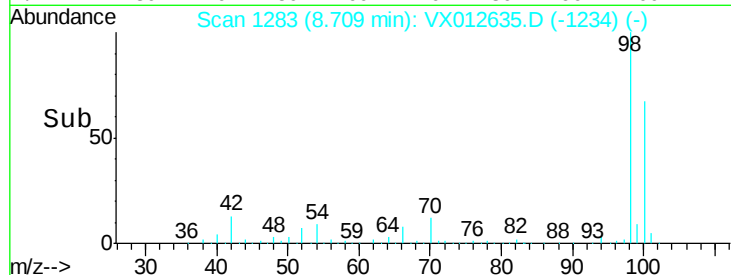
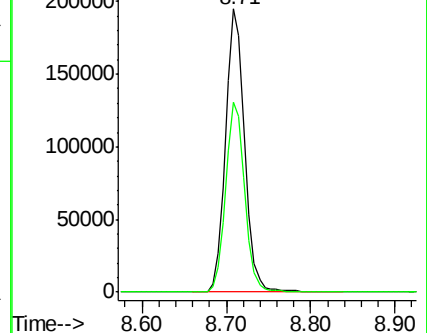
98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 41.496 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012635.D

Acq: 24 Sep 2019 16:07

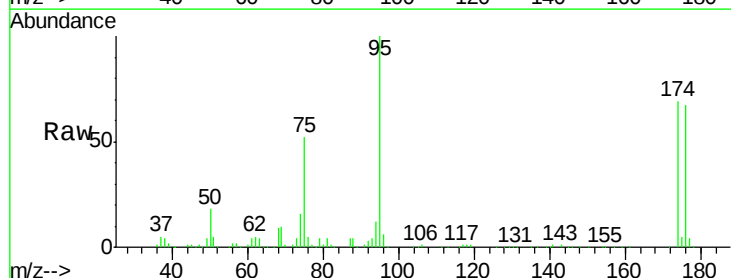
Tgt Ion: 95 Resp: 97887

Ion Ratio Lower Upper

95 100

174 66.0 0.0 140.0

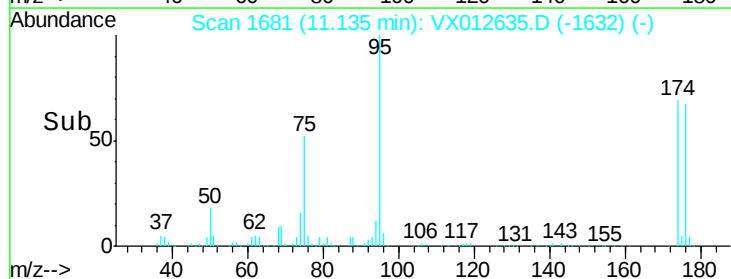
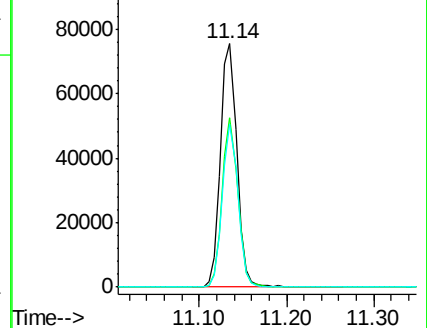
176 63.5 0.0 135.4

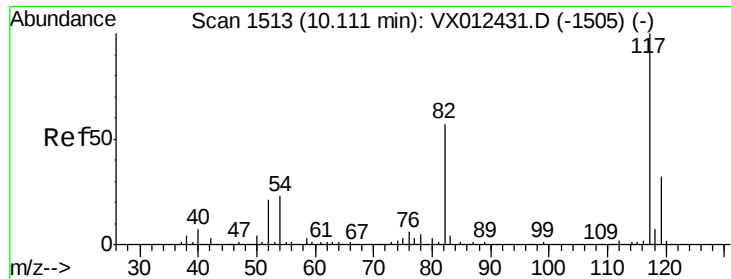


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

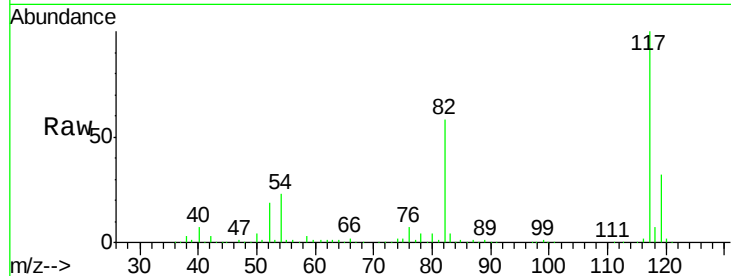




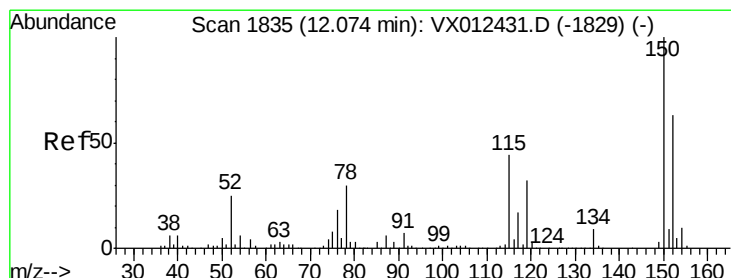
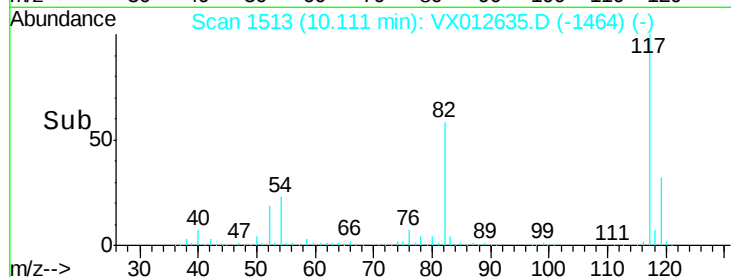
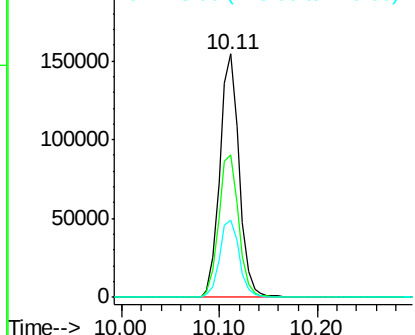
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

Instrument :
MSVOA_X
ClientSampled :
S49-0544

Tot Ion:117 Resp: 211651
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 31.8 25.3 37.9

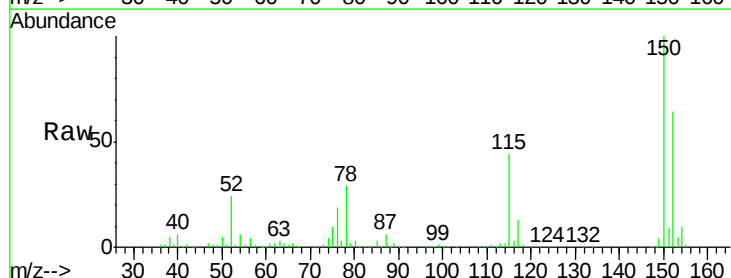


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012635.D
Acq: 24 Sep 2019 16:07

Tgt Ion:152 Resp: 71758
Ion Ratio Lower Upper
152 100
115 66.6 44.1 132.3
150 157.7 0.0 343.8



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

