

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081820\
 Data File : VX017959.D
 Acq On : 18 Aug 2020 13:09
 Operator : JC/SP
 Sample : L3697-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0N4

Quant Time: Aug 19 01:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 19 01:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	246834	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	248479	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	100840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68749	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.70	69	64613	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.34	63	103082	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.53	46	258954	57.17	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	5.14	84	168647	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	6.04	65	95439	5.02	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	6.05	84	282383	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	7.37	67	106683	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	248324	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	8.99	79	40058	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	9.43	63	207490	54.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84002	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	102585	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

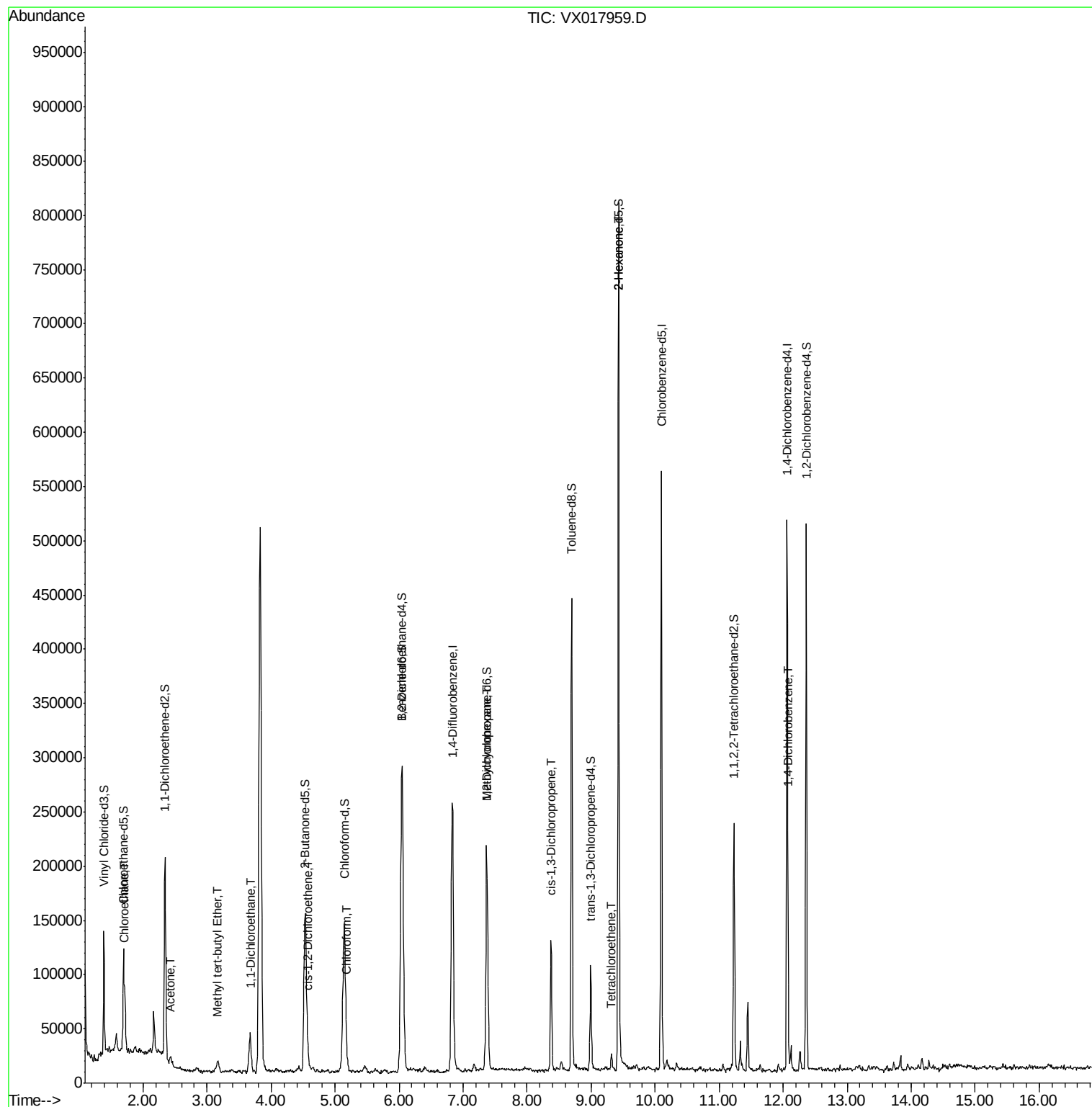
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.72	64	30135	2.317	ug/L	99
13) Acetone	2.42	43	5265	1.591	ug/L	51
17) Methyl tert-butyl Ether	3.17	73	10025	0.198	ug/L #	83
19) 1,1-Dichloroethane	3.67	63	37005	0.966	ug/L	96
22) cis-1,2-Dichloroethene	4.57	96	1332	0.059	ug/L #	43
25) Chloroform	5.18	83	12288	0.298	ug/L	82
35) Methylcyclohexane	7.37	83	27067	0.750	ug/L #	19
39) cis-1,3-Dichloropropene	8.38	75	3353	0.098	ug/L	89
49) Tetrachloroethene	9.32	164	2217	0.108	ug/L #	68
50) 2-Hexanone	9.43	43	26431	2.560	ug/L #	69
64) 1,4-Dichlorobenzene	12.08	146	6086	0.156	ug/L	98

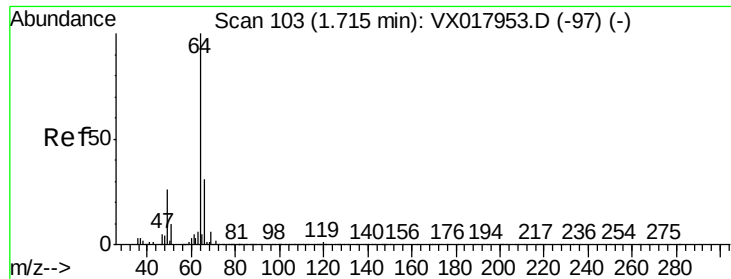
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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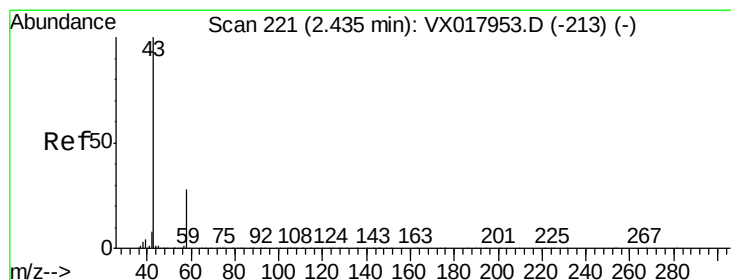
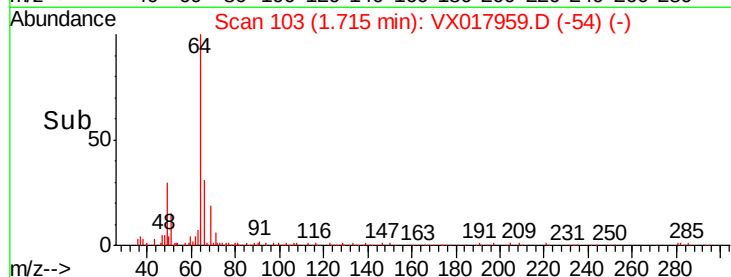
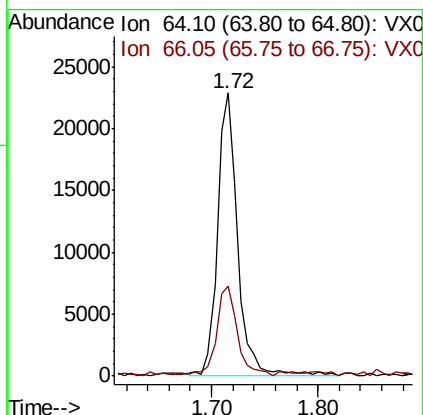
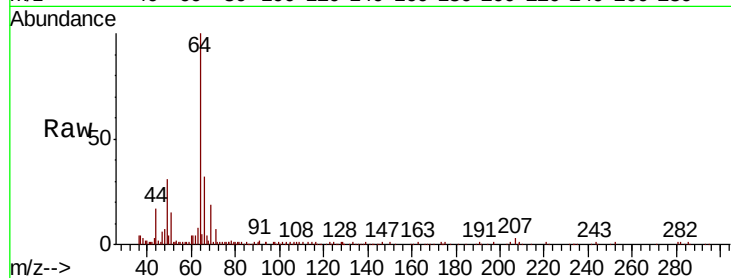




#8
Chloroethane
Concen: 2.317 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

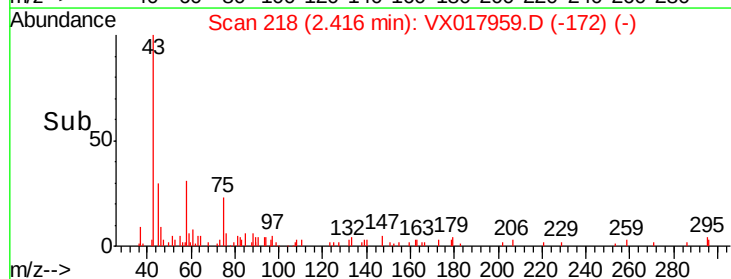
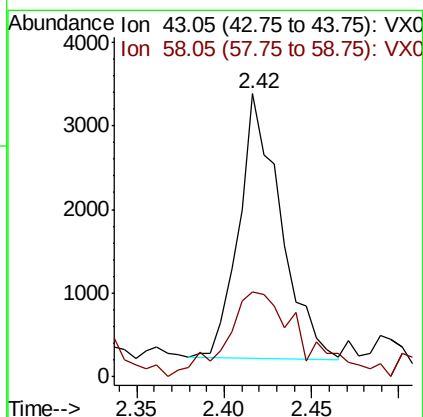
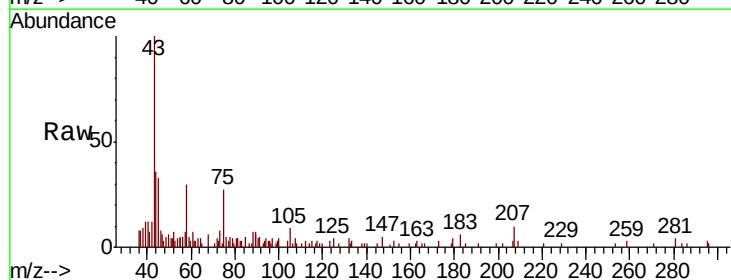
Instrument :
MSVOA_X
ClientSampleId :
BG0N4

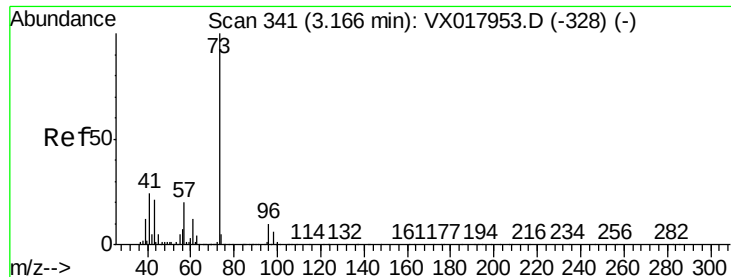
Tot Ion: 64 Resp: 30135
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#13
Acetone
Concen: 1.591 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

Tgt Ion: 43 Resp: 5265
Ion Ratio Lower Upper
43 100
58 57.3 0.0 60.8

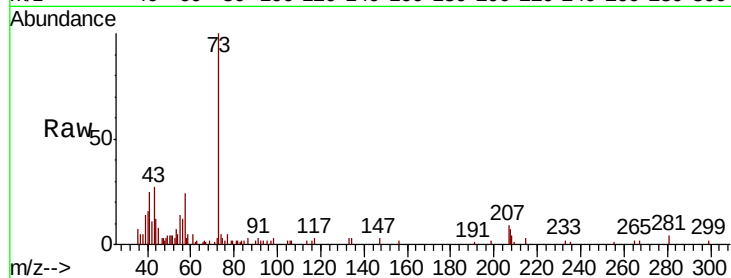




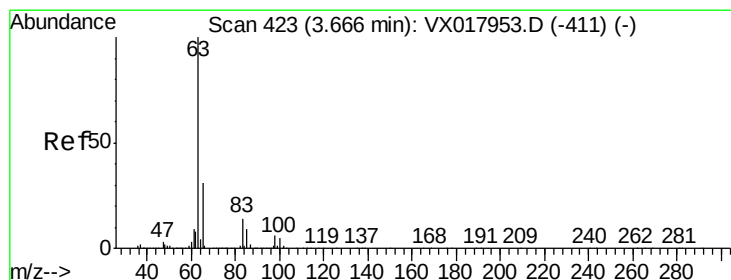
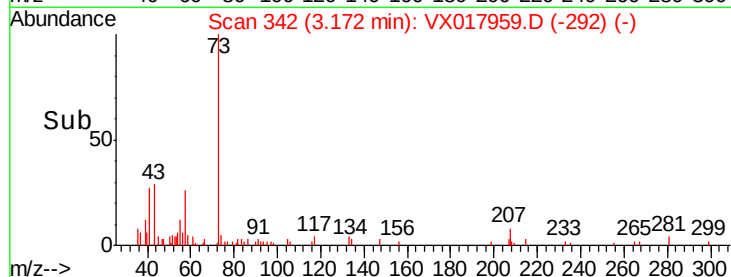
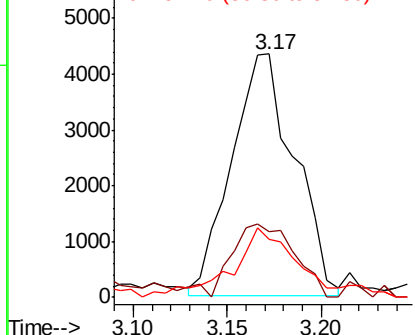
#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
BG0N4

Tot Ion	Ratio	Lower	Upper
73	100		
43	30.6	17.7	26.5#
57	29.1	17.0	25.6#

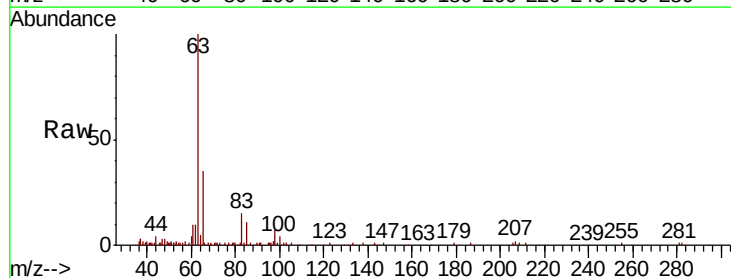


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

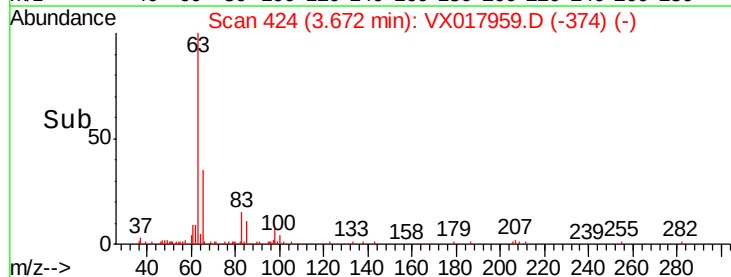
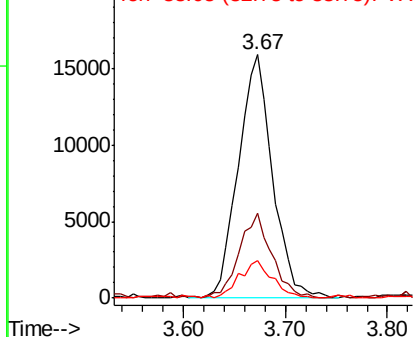


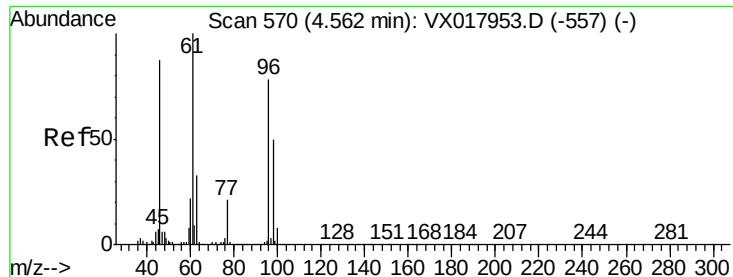
#19
1,1-Dichloroethane
Concen: 0.966 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

Tgt Ion	Ratio	Lower	Upper
63	100		
65	34.9	22.6	42.0
83	15.3	9.5	17.7



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 65.10 (64.80 to 65.80): VX0
Ion 83.05 (82.75 to 83.75): VX0



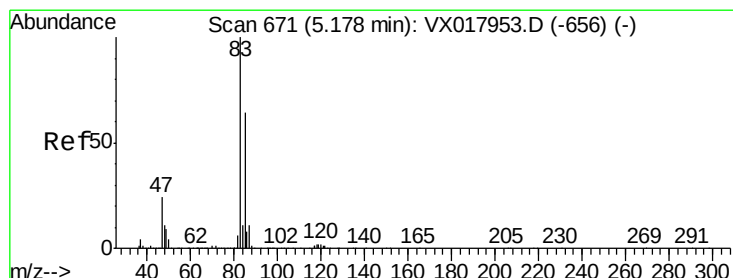
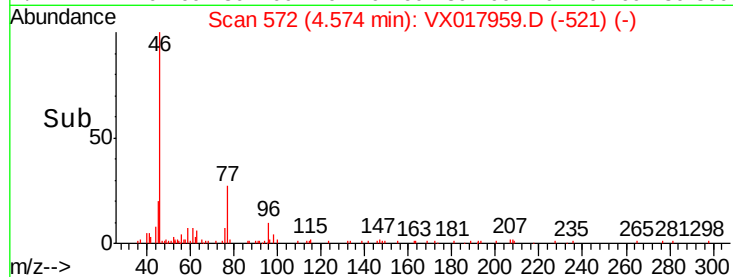
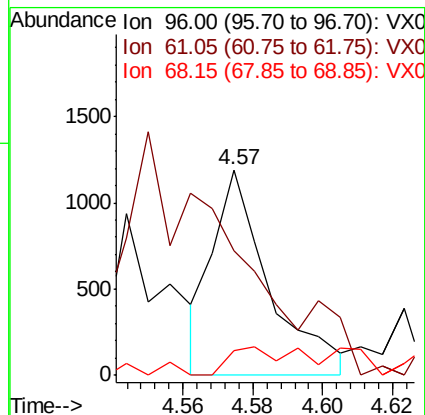
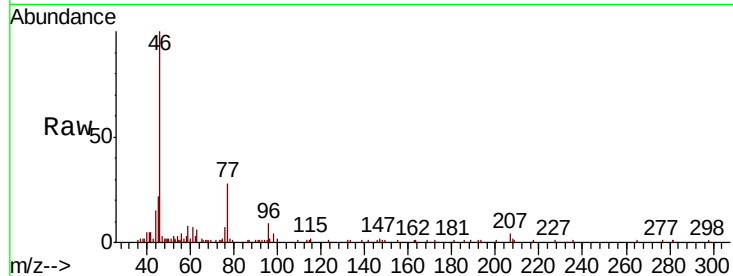


#22

cis-1,2-Dichloroethene
 Concen: 0.059 ug/L
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX017959.D
 Acq: 18 Aug 2020 13:09

Instrument :
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 BG0N4

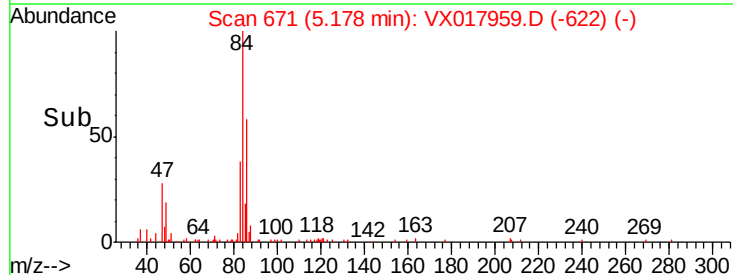
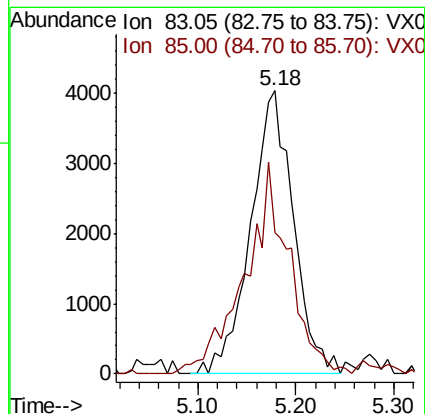
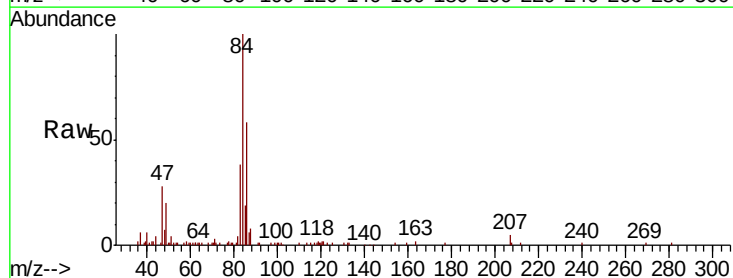
Tot Ion: 96 Resp: 1332
 Ion Ratio Lower Upper
 96 100
 61 60.9 88.8 165.0#
 68 12.4 0.2 0.4#

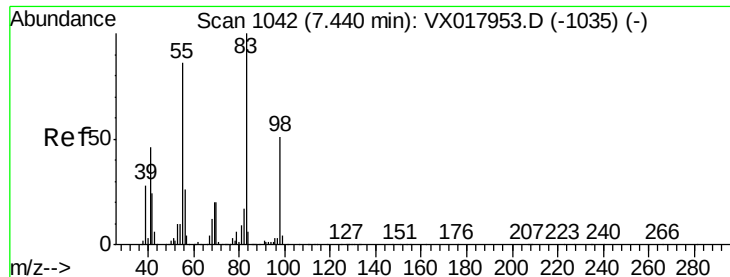


#25

Chloroform
 Concen: 0.298 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VX017959.D
 Acq: 18 Aug 2020 13:09

Tgt Ion: 83 Resp: 12288
 Ion Ratio Lower Upper
 83 100
 85 49.8 44.7 83.1

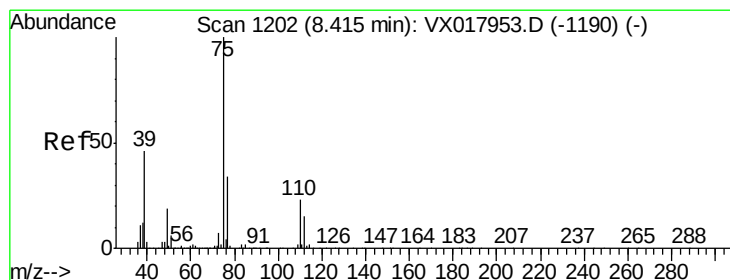
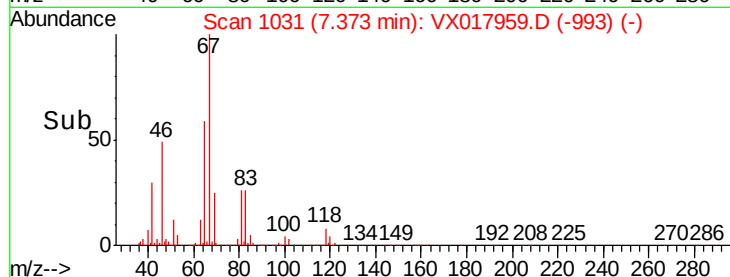
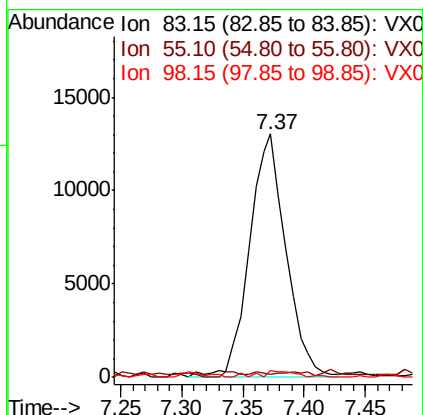
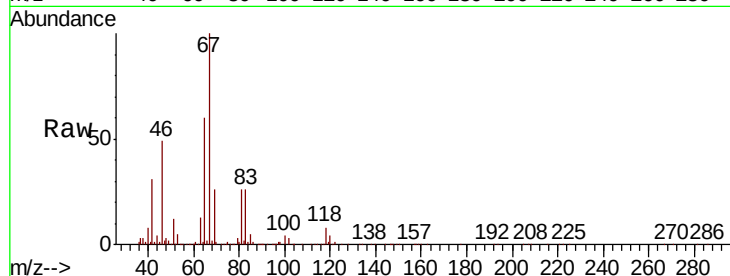




#35
Methylvlcyclohexane
Concen: 0.750 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

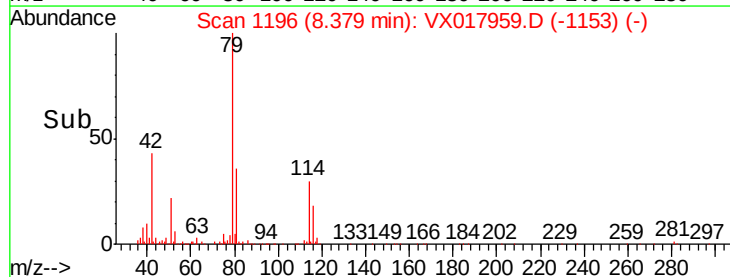
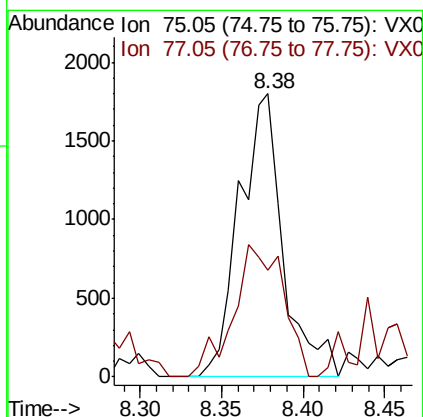
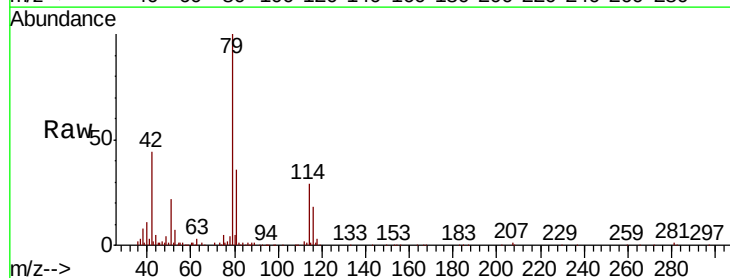
Instrument :
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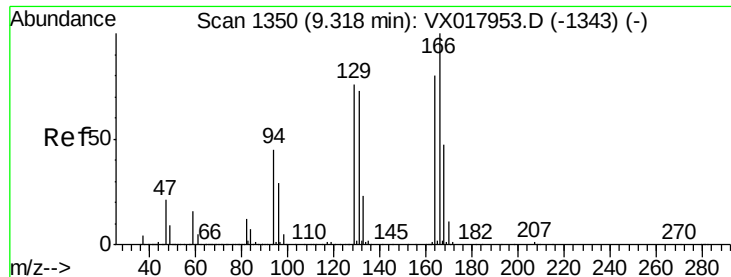
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	2.1	38.0	57.0#



#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 8.38 min Scan# 1196
Delta R.T. -0.04 min
Lab File: VX017959.D
Acq: 18 Aug 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.2	41.2





#49

Tetrachloroethene

Concen: 0.108 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017959.D

Acq: 18 Aug 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

BG0N4

Tot Ion:164 Resp: 2217

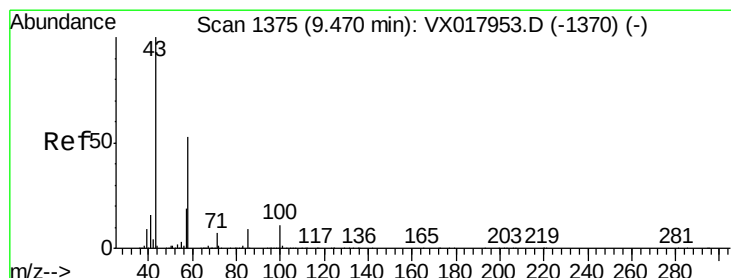
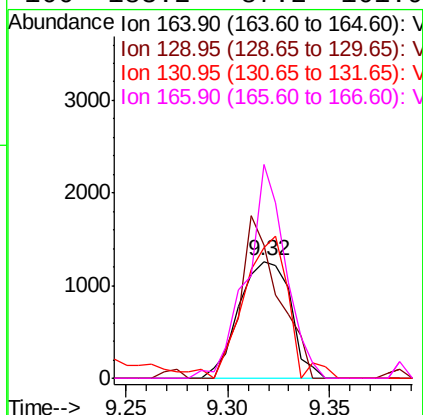
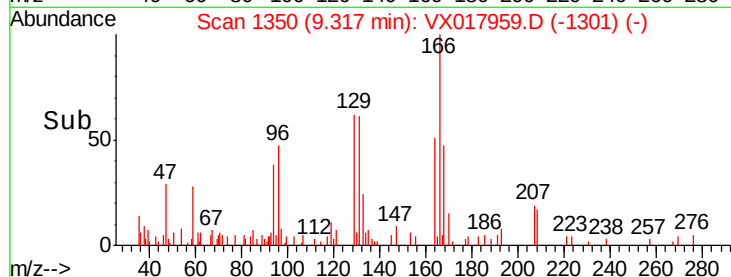
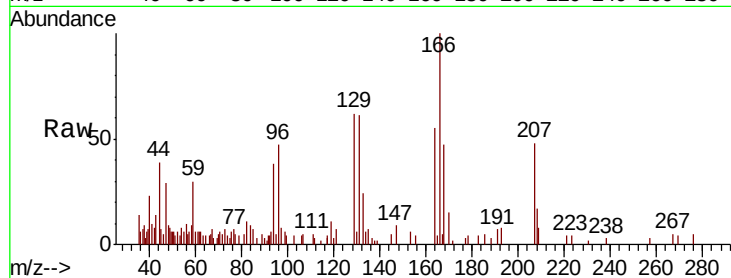
Ion Ratio Lower Upper

164 100

129 113.9 67.4 125.2

131 111.6 65.3 121.3

166 183.2 87.2 161.9#



#50

2-Hexanone

Concen: 2.560 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017959.D

Acq: 18 Aug 2020 13:09

Tgt Ion: 43 Resp: 26431

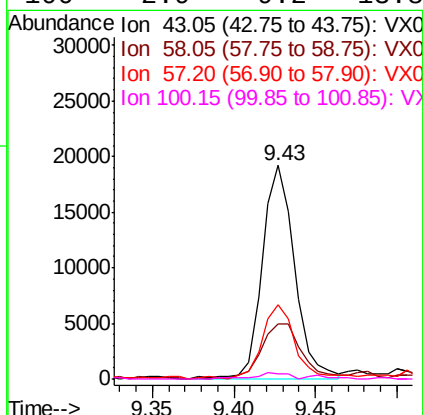
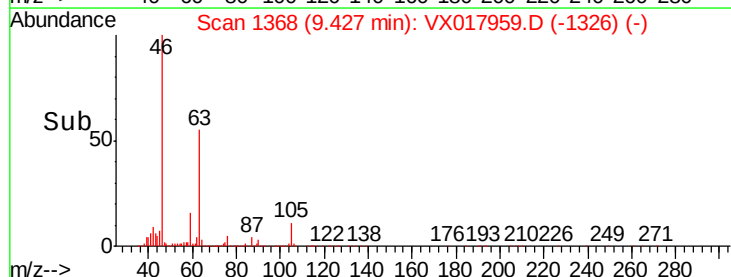
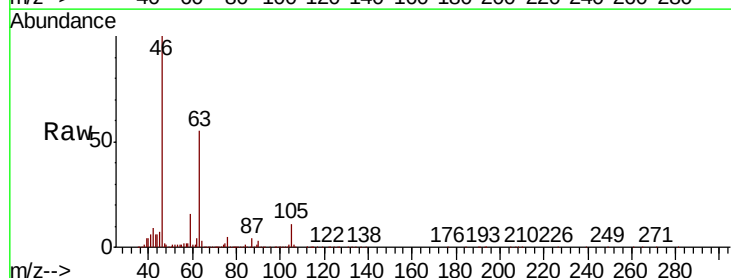
Ion Ratio Lower Upper

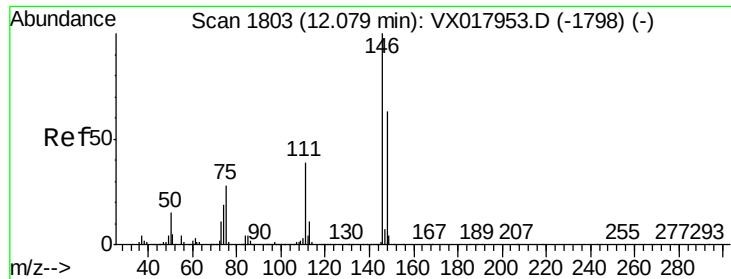
43 100

58 32.0 43.0 64.6#

57 35.7 15.0 22.4#

100 2.9 9.2 13.8#





#64

1,4-Dichlorobenzene

Concen: 0.156 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017959.D

Acq: 18 Aug 2020 13:09

Instrument :

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BG0N4

Tot Ion:146 Resp: 6086

Ion Ratio Lower Upper

146 100

111 39.6 26.0 48.2

148 61.1 43.2 80.2

