

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017864.D
 Acq On : 12 Aug 2020 16:15
 Operator : JC/SP
 Sample : IBLK
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 13 01:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	285131	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	274782	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	125697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102919	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.69	69	78002	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.34	63	147601	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.54	46	252241	48.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	5.14	84	176203	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	6.03	65	103361	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	6.05	84	351187	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	7.37	67	106516	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	8.70	98	309426	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	8.99	79	45223	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
48) 2-Hexanone-d5	9.43	63	199999	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	78809	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	123604	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

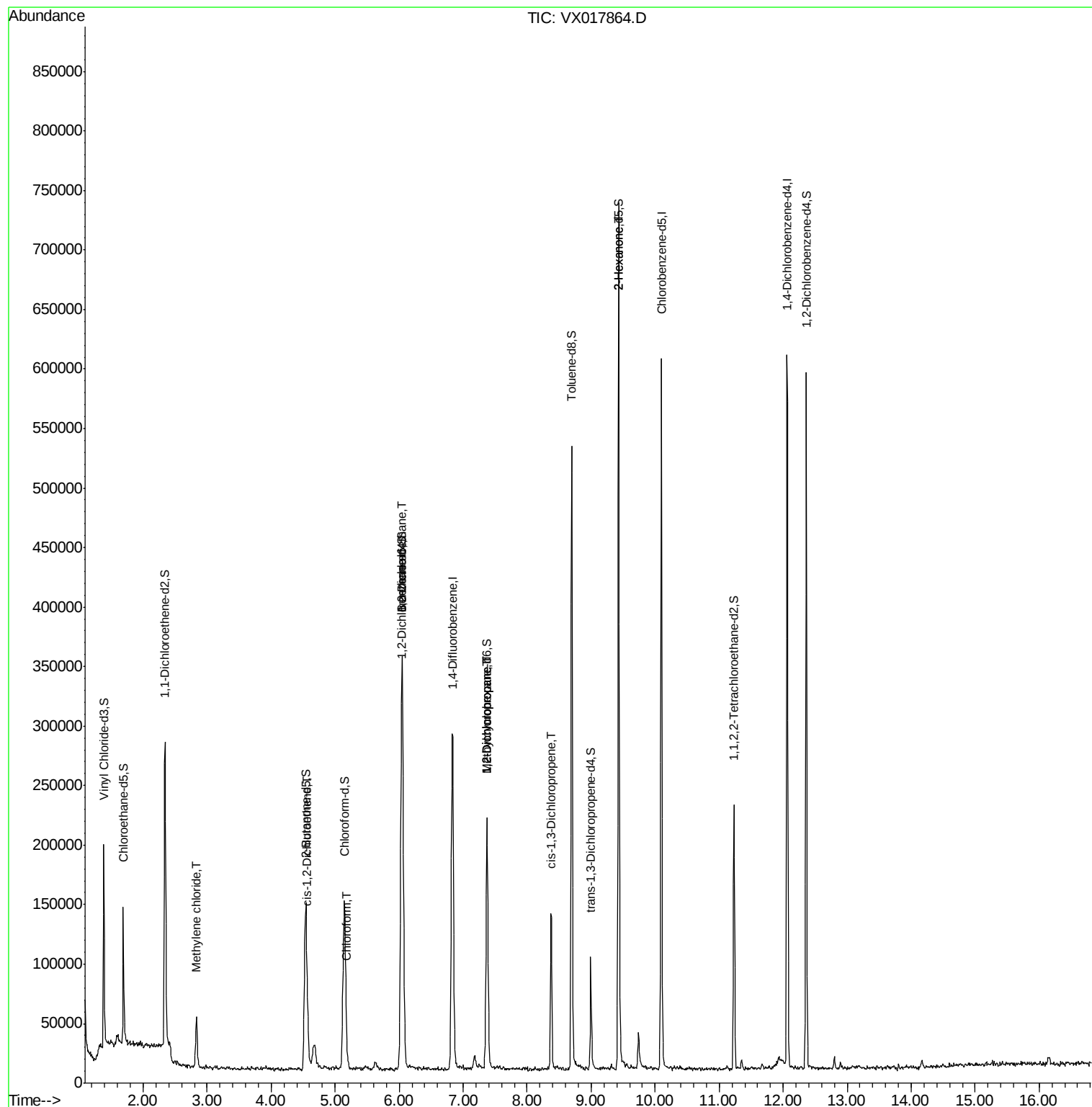
					Ovalue
16) Methylene chloride	2.83	84	17978	0.596 ug/L	90
22) cis-1,2-Dichloroethene	4.56	96	6070	0.233 ug/L #	91
25) Chloroform	5.18	83	8627	0.181 ug/L	89
27) 1,2-Dichloroethane	6.04	62	2738	0.090 ug/L	98
35) Methylcyclohexane	7.37	83	25214	0.632 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	12529	0.512 ug/L #	92
39) cis-1,3-Dichloropropene	8.38	75	3807	0.101 ug/L	90
50) 2-Hexanone	9.43	43	26530	2.324 ug/L #	68

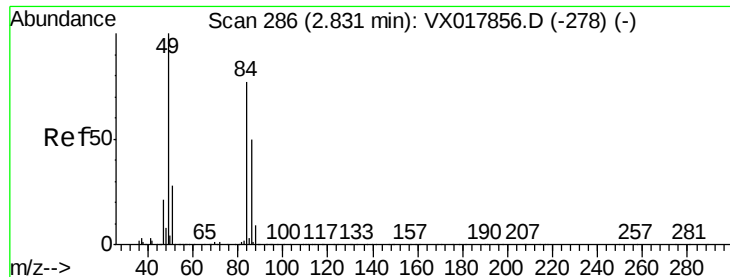
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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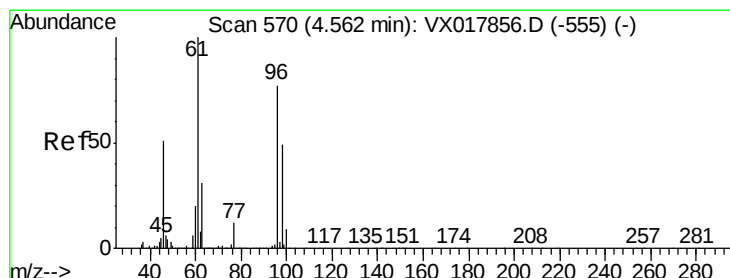
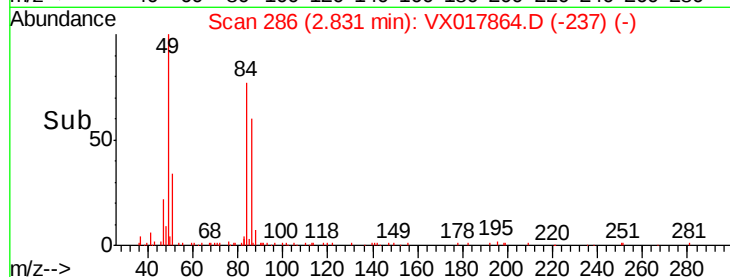
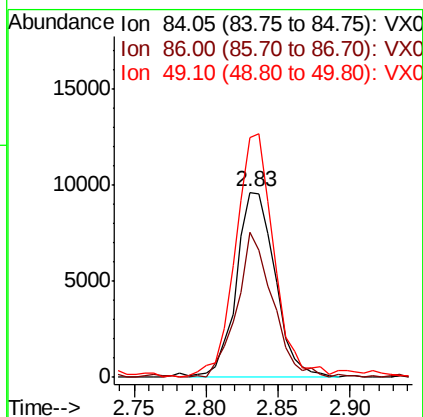
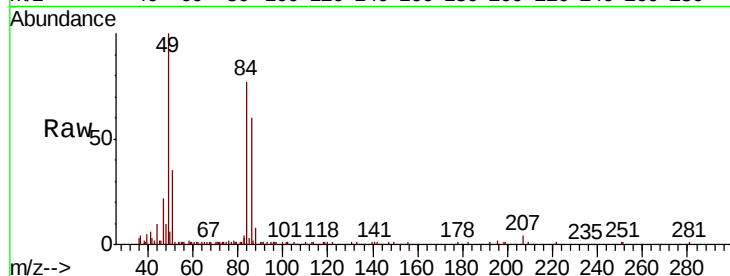




#16
Methvlene chloride
Concen: 0.596 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017864.D
Acq: 12 Aug 2020 16:15

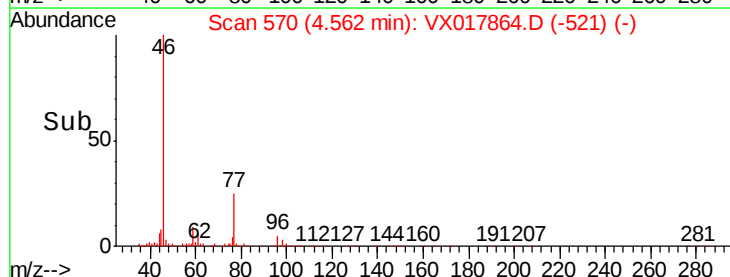
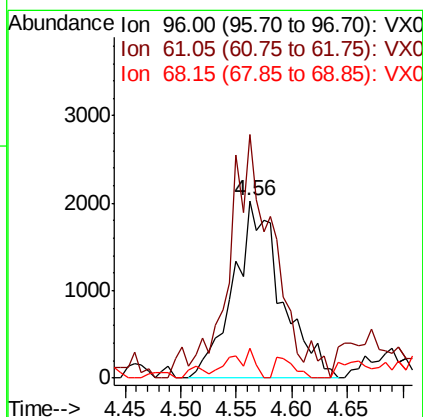
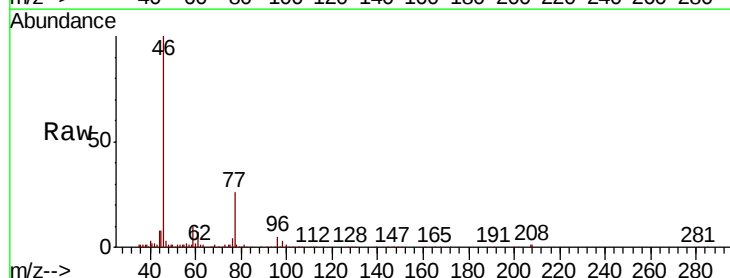
Instrument :
MSVOA_X
ClientSampleId :
IBLK

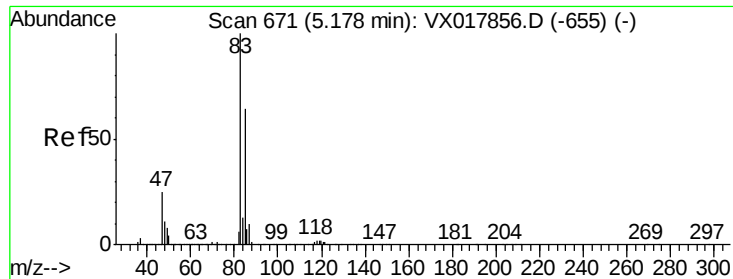
Tot Ion: 84 Resp: 17978
Ion Ratio Lower Upper
84 100
86 78.1 43.0 80.0
49 129.3 86.9 161.3



#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017864.D
Acq: 12 Aug 2020 16:15

Tgt Ion: 96 Resp: 6070
Ion Ratio Lower Upper
96 100
61 137.1 88.8 165.0
68 16.7 0.2 0.4#





#25

Chloroform

Concen: 0.181 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017864.D

Acq: 12 Aug 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

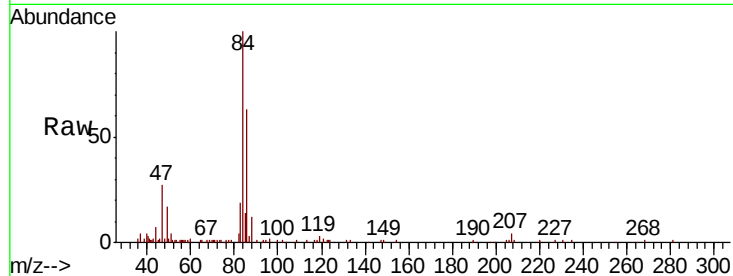
IBLK

Tot Ion: 83 Resp: 8627

Ion Ratio Lower Upper

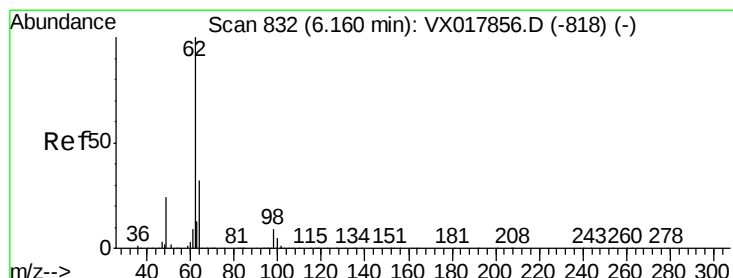
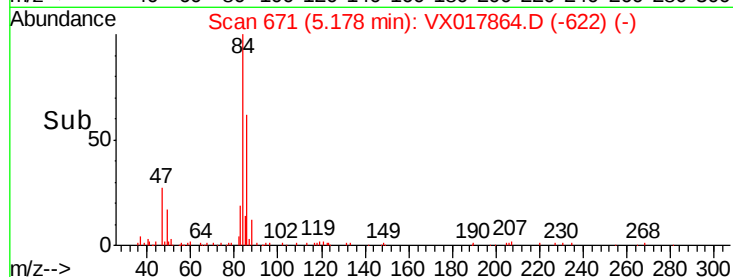
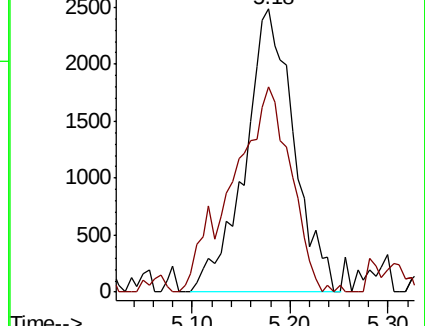
83 100

85 72.5 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 6.04 min Scan# 813

Delta R.T. -0.12 min

Lab File: VX017864.D

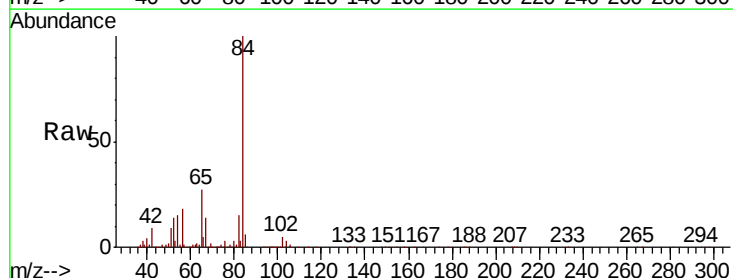
Acq: 12 Aug 2020 16:15

Tgt Ion: 62 Resp: 2738

Ion Ratio Lower Upper

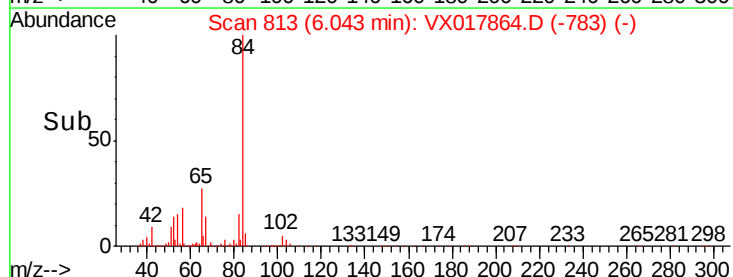
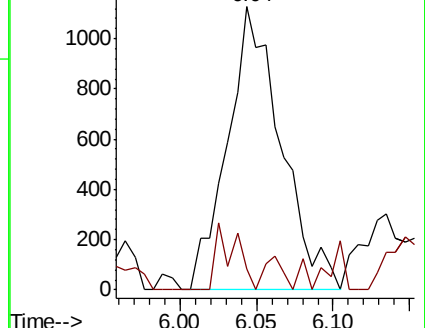
62 100

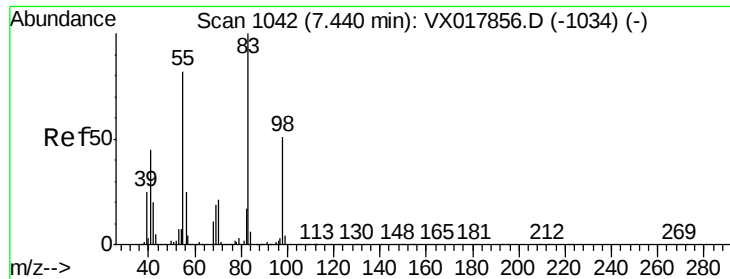
98 7.5 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

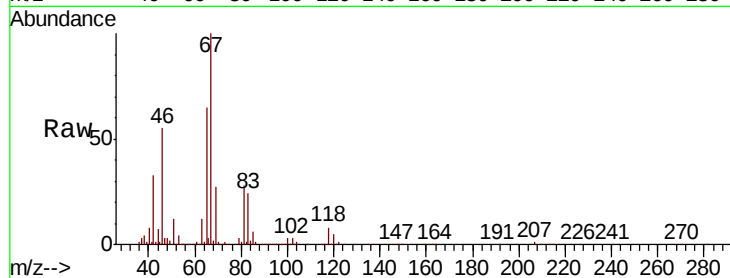




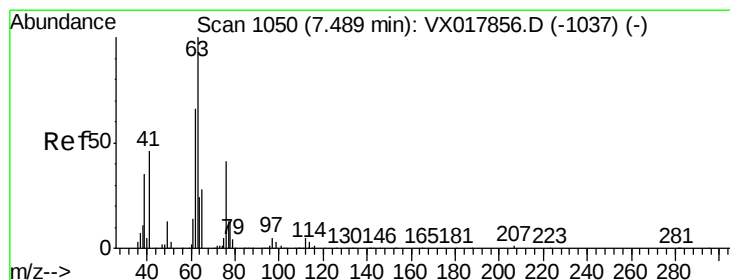
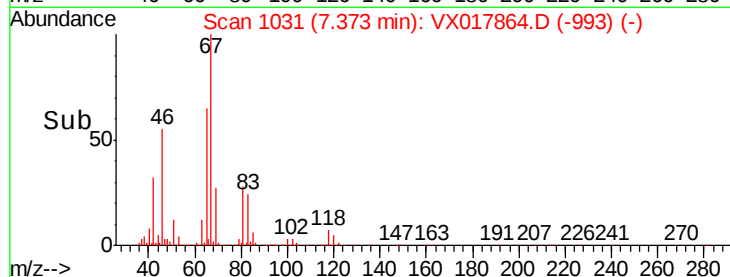
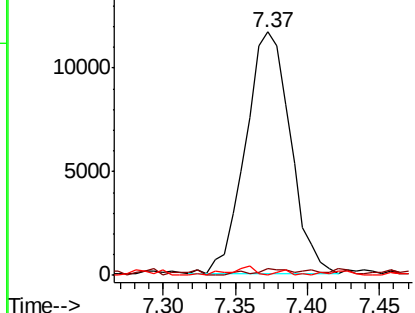
#35
Methvlcvclohexane
Concen: 0.632 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017864.D
Acq: 12 Aug 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion: 83 Resp: 25214
Ion Ratio Lower Upper
83 100
55 1.3 62.4 93.6#
98 0.8 38.0 57.0#

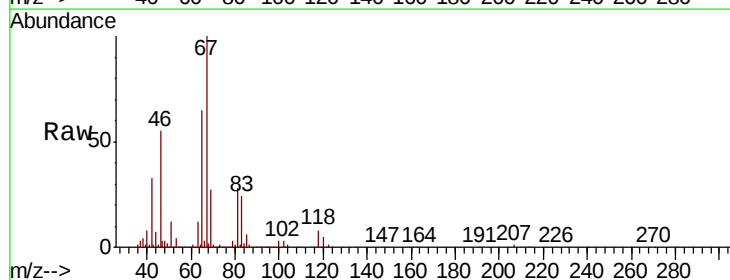


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

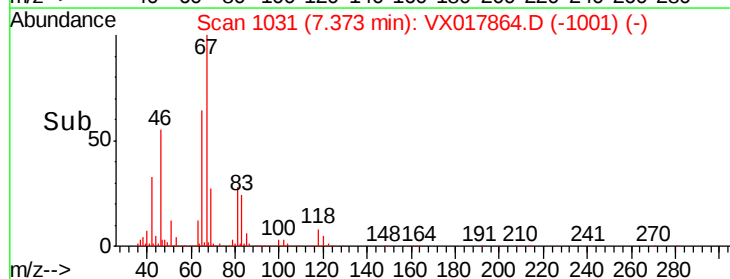
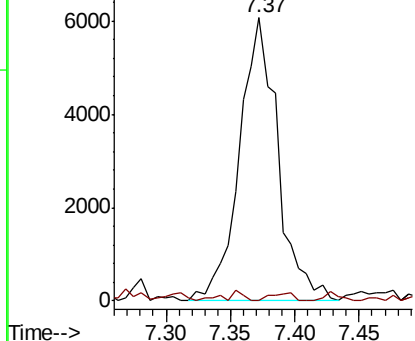


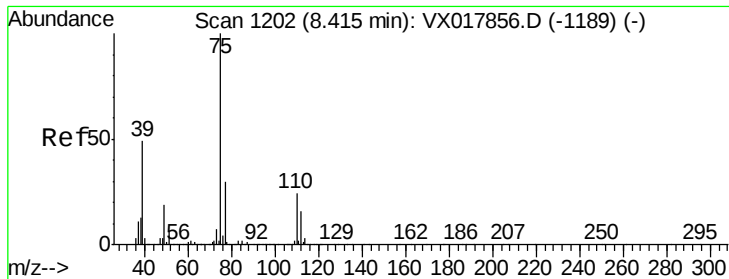
#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX017864.D
Acq: 12 Aug 2020 16:15

Tgt Ion: 63 Resp: 12529
Ion Ratio Lower Upper
63 100
112 1.8 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 112.10 (111.80 to 112.80): V

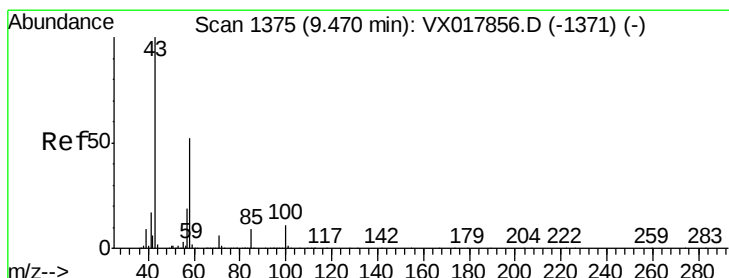
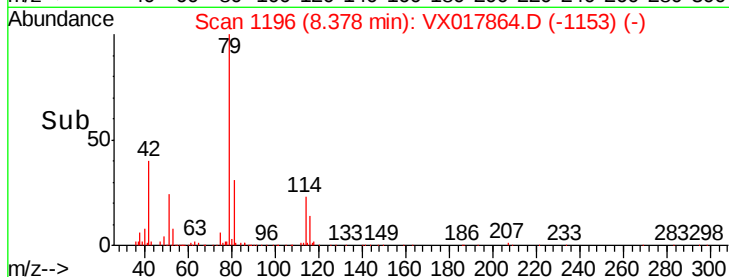
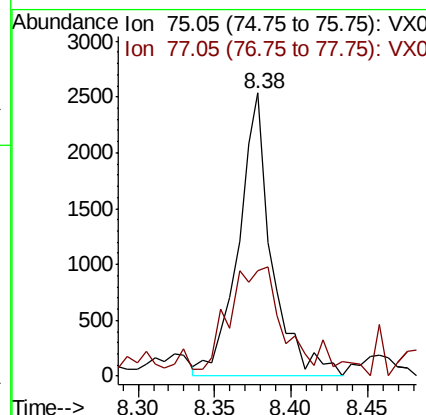
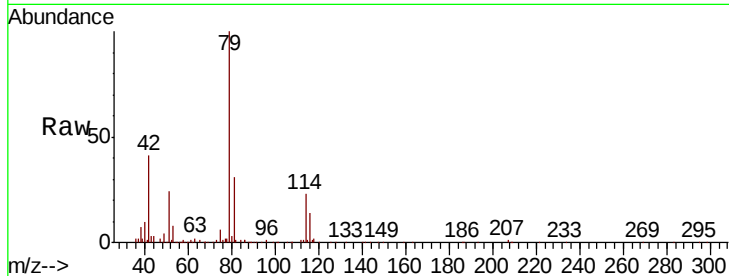




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 8.38 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VX017864.D
 Acq: 12 Aug 2020 16:15

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Tot Ion: 75 Resp: 3807
 Ion Ratio Lower Upper
 75 100
 77 37.3 22.2 41.2



#50
 2-Hexanone
 Concen: 2.324 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017864.D
 Acq: 12 Aug 2020 16:15

Tgt Ion: 43 Resp: 26530
 Ion Ratio Lower Upper
 43 100
 58 27.1 43.0 64.6#
 57 29.6 15.0 22.4#
 100 3.4 9.2 13.8#

