

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017858.D
 Acq On : 12 Aug 2020 13:45
 Operator : JC/SP
 Sample : L3600-18DL 10X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB8DL

Quant Time: Aug 13 01:21:16 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	278022	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	265970	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	122787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103281	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.69	69	77833	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.34	63	150173	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.54	46	217872	42.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.40%
24) Chloroform-d	5.14	84	180313	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	6.03	65	98053	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	6.05	84	357753	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	7.37	67	107765	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	8.70	98	315242	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	8.99	79	45613	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	9.43	63	169854	41.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.62%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	75676	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	116731	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

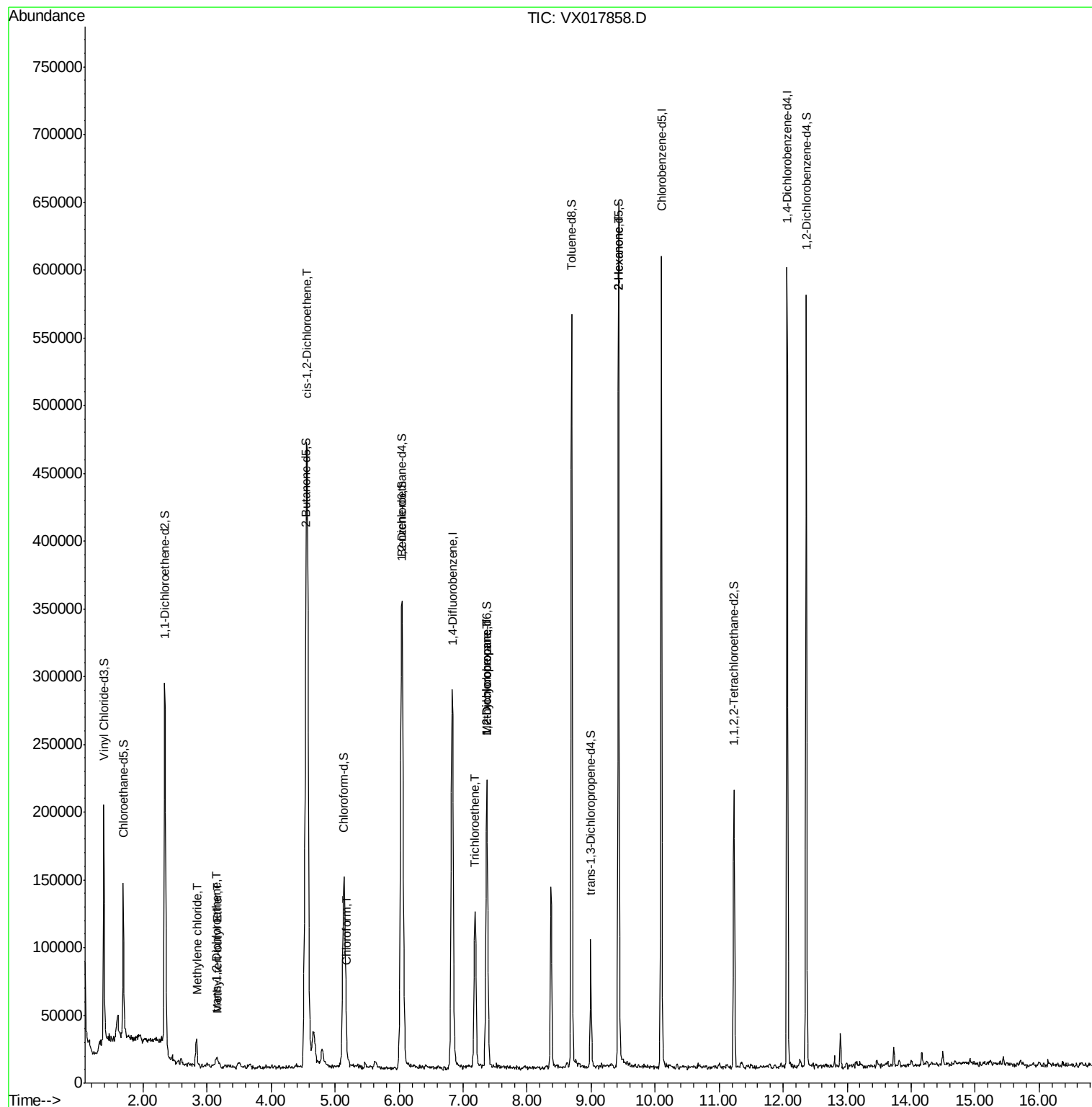
					Ovalue
16) Methylene chloride	2.83	84	9959	0.338 ug/L	91
17) Methyl tert-butyl Ether	3.16	73	5600	0.098 ug/L #	92
18) trans-1,2-Dichloroethene	3.15	96	2749	0.114 ug/L	81
22) cis-1,2-Dichloroethene	4.56	96	264562	10.427 ug/L #	98
25) Chloroform	5.18	83	9675	0.208 ug/L	92
34) Trichloroethene	7.18	95	42989	1.564 ug/L	89
35) Methylcyclohexane	7.37	83	27353	0.708 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	13321	0.563 ug/L #	88
50) 2-Hexanone	9.43	43	22009	1.992 ug/L #	68

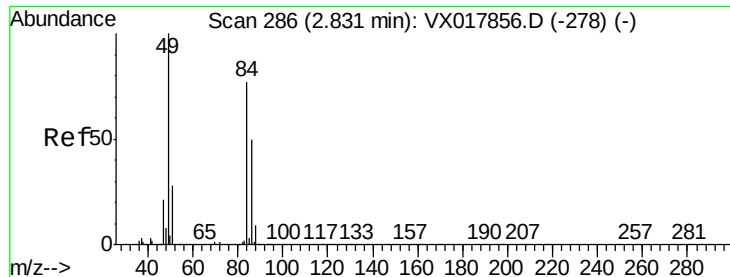
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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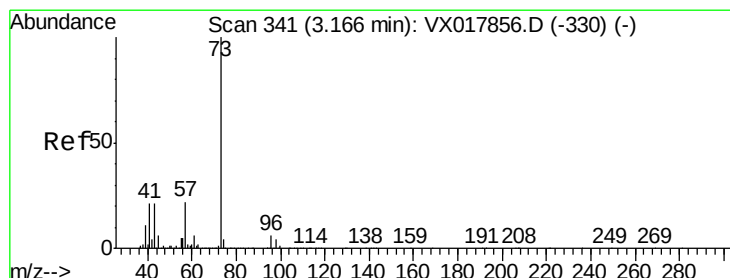
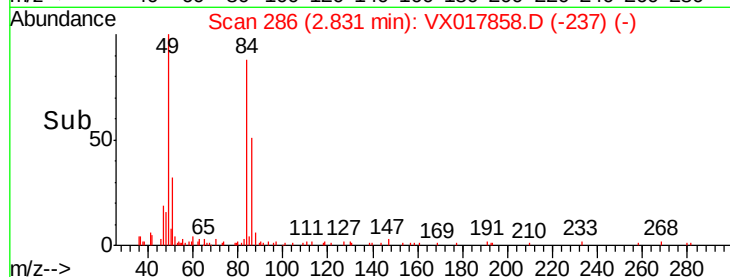
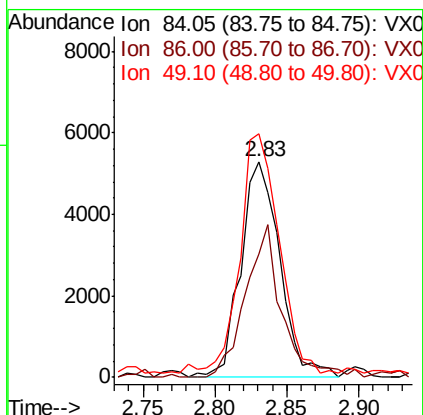
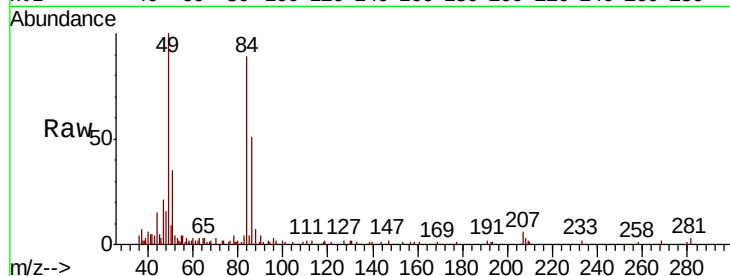




#16
Methylene chloride
Concen: 0.338 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017858.D
Acq: 12 Aug 2020 13:45

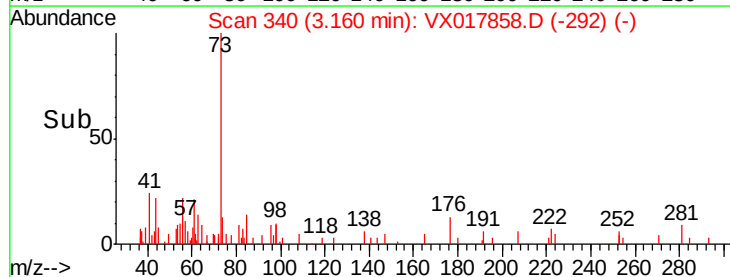
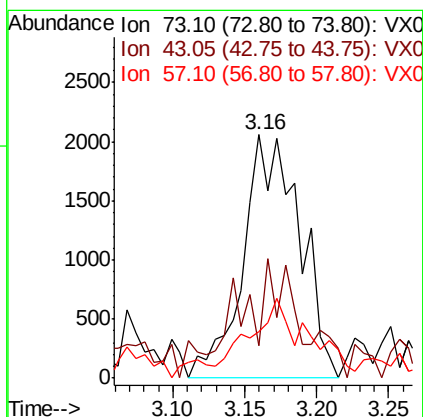
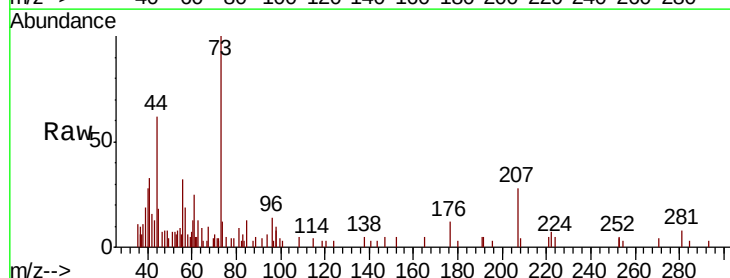
Instrument :
MSVOA_X
ClientSampleId :
GAYB8DL

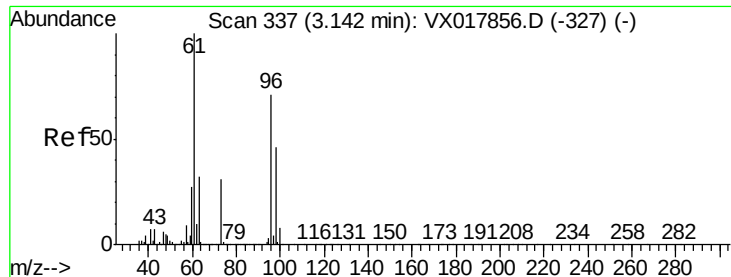
Tot Ion: 84 Resp: 9959
Ion Ratio Lower Upper
84 100
86 57.2 43.0 80.0
49 112.7 86.9 161.3



#17
Methyl tert-butyl Ether
Concen: 0.098 ug/L
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX017858.D
Acq: 12 Aug 2020 13:45

Tgt Ion: 73 Resp: 5600
Ion Ratio Lower Upper
73 100
43 19.1 17.7 26.5
57 16.9 17.0 25.6#





#18

trans-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017858.D

Acq: 12 Aug 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

GAYB8DL

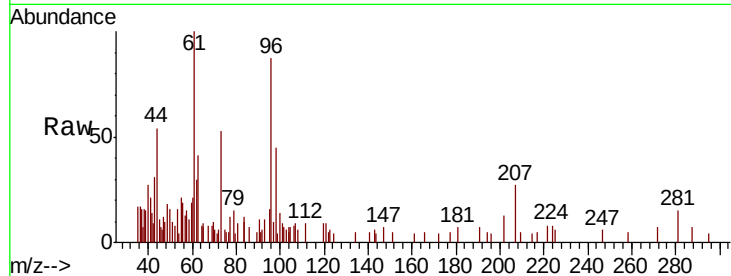
Tot Ion: 96 Resp: 2749

Ion Ratio Lower Upper

96 100

61 115.3 98.4 182.8

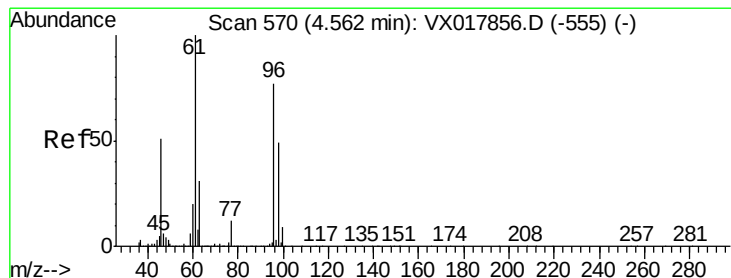
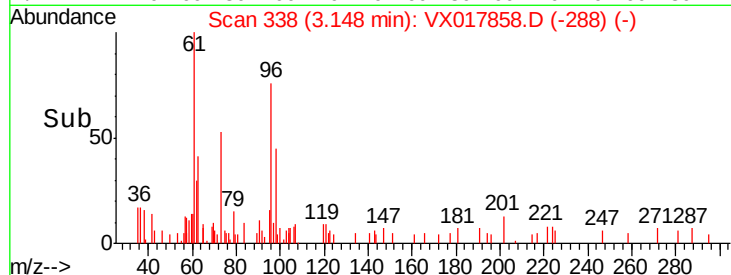
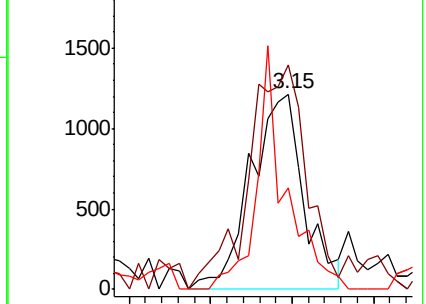
98 52.3 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#22

cis-1,2-Dichloroethene

Concen: 10.427 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017858.D

Acq: 12 Aug 2020 13:45

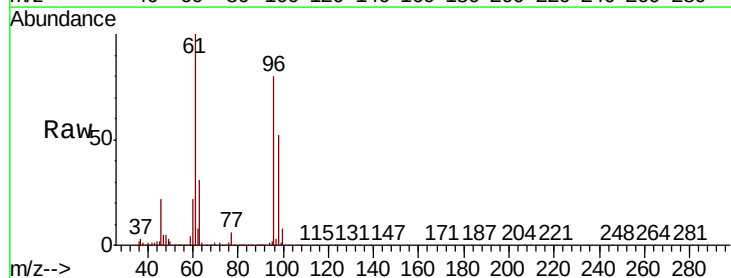
Tgt Ion: 96 Resp: 264562

Ion Ratio Lower Upper

96 100

61 124.4 88.8 165.0

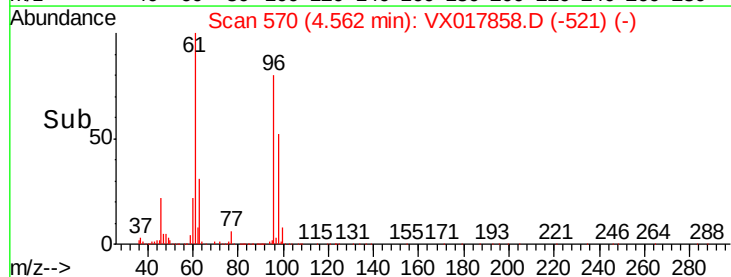
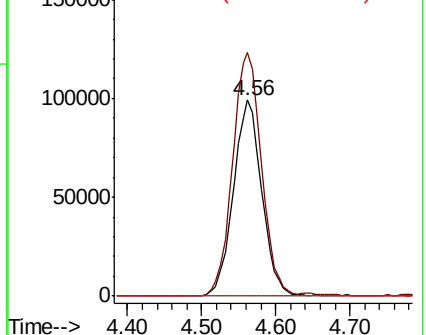
68 0.1 0.2 0.4#

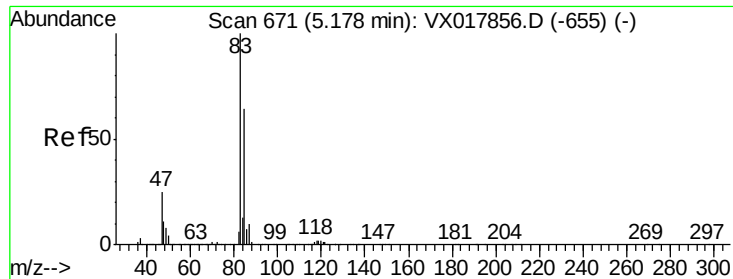


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0





#25

Chloroform

Concen: 0.208 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017858.D

Acq: 12 Aug 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

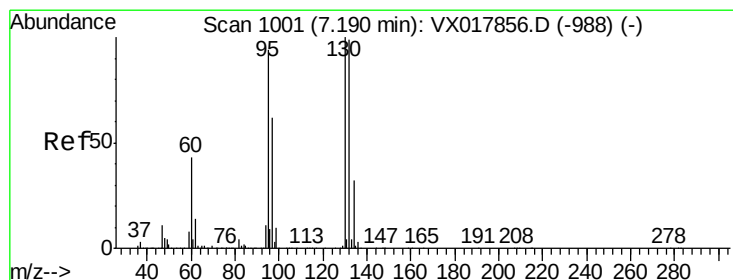
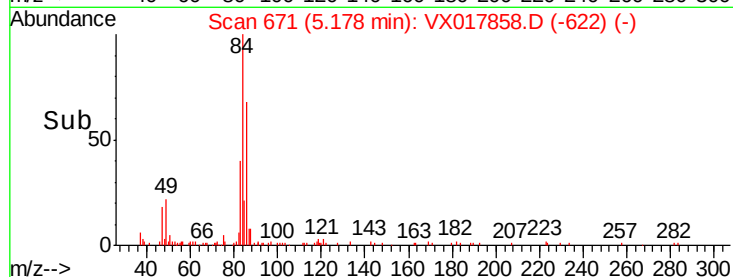
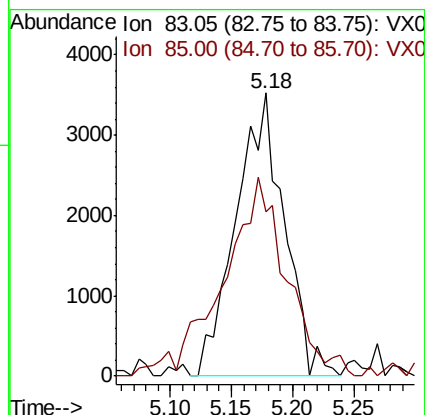
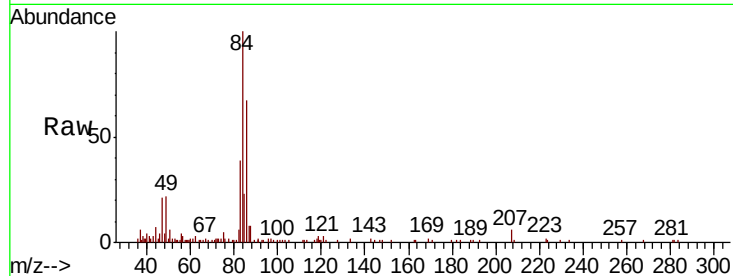
GAYB8DL

Tot Ion: 83 Resp: 9675

Ion Ratio Lower Upper

83 100

85 57.9 44.7 83.1



#34

Trichloroethene

Concen: 1.564 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017858.D

Acq: 12 Aug 2020 13:45

Tgt Ion: 95 Resp: 42989

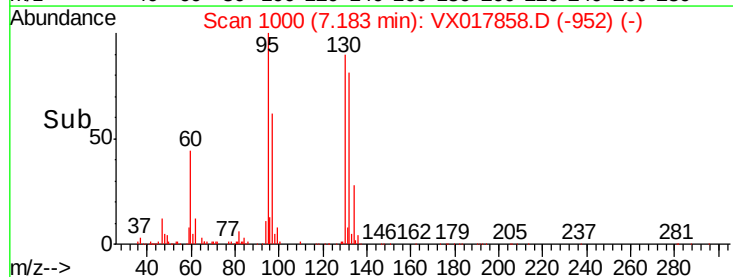
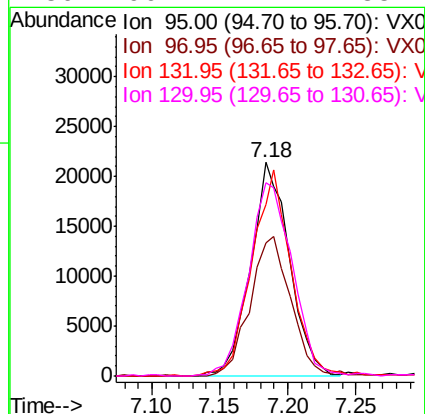
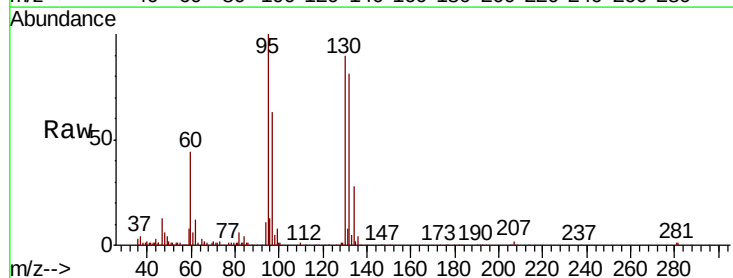
Ion Ratio Lower Upper

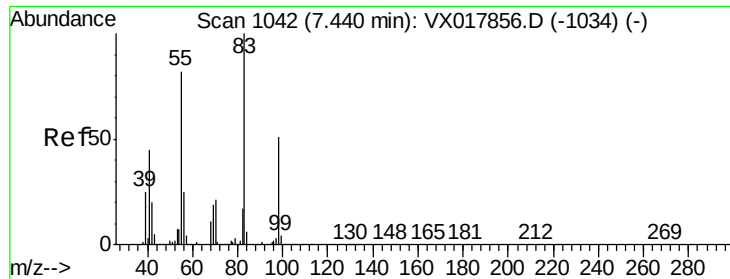
95 100

97 62.6 46.1 85.5

132 80.6 66.0 122.6

130 90.2 71.7 133.1





#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017858.D

Acq: 12 Aug 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

GAYB8DL

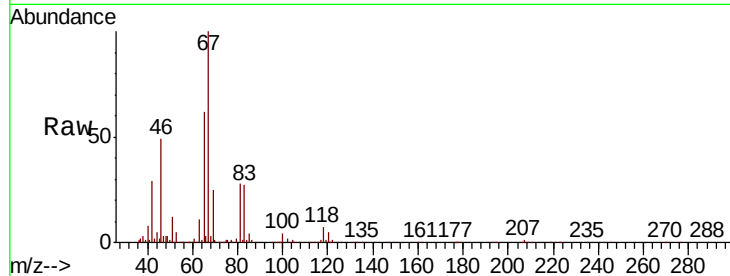
Tot Ion: 83 Resp: 27353

Ion Ratio Lower Upper

83 100

55 0.7 62.4 93.6#

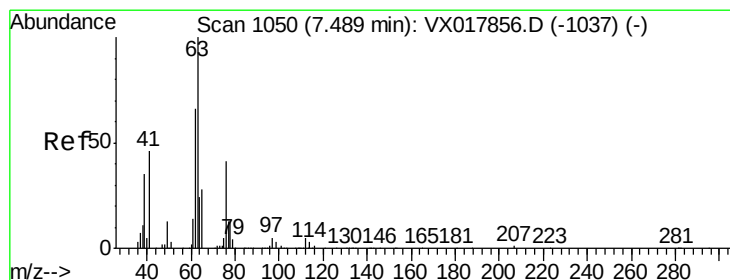
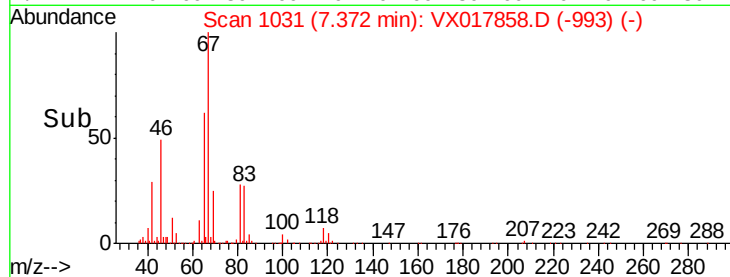
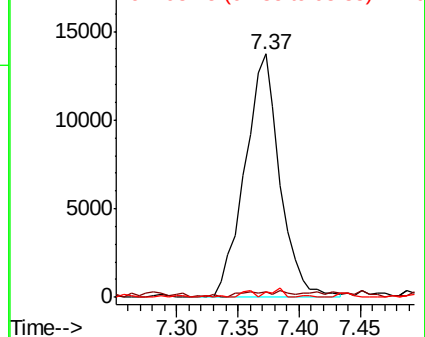
98 1.5 38.0 57.0#



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: 0.563 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VX017858.D

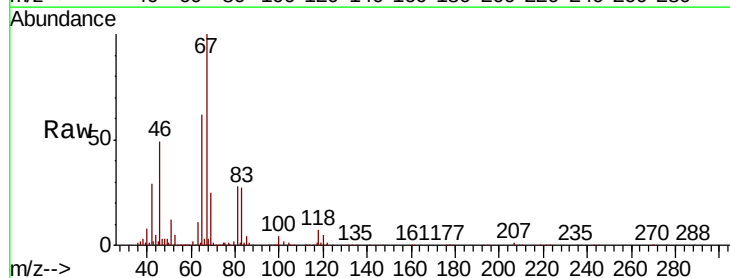
Acq: 12 Aug 2020 13:45

Tgt Ion: 63 Resp: 13321

Ion Ratio Lower Upper

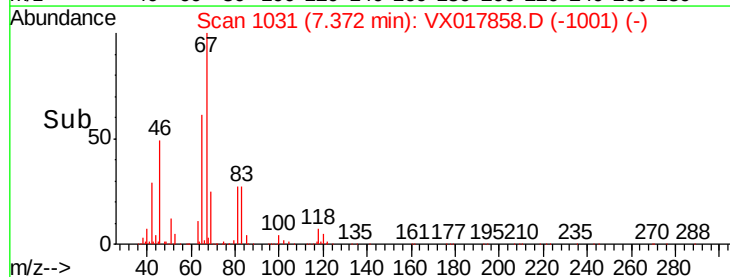
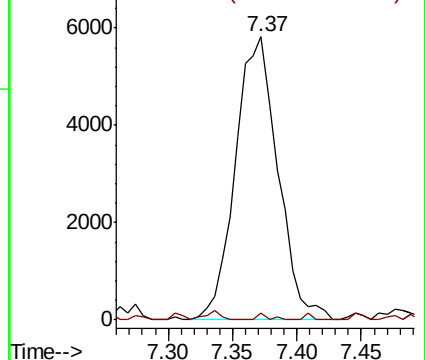
63 100

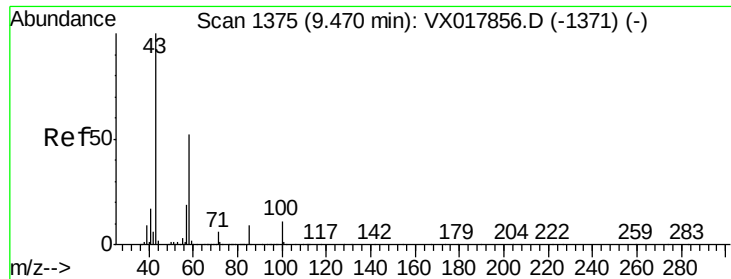
112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V





#50

2-Hexanone

Concen: 1.992 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017858.D

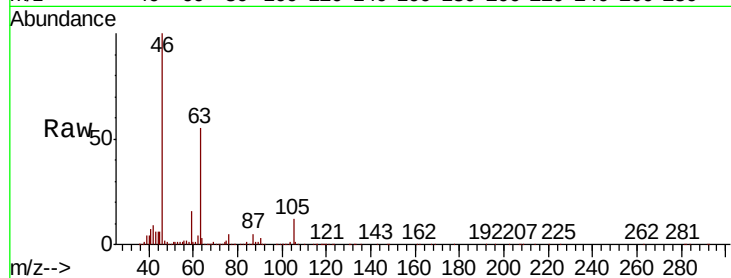
Acq: 12 Aug 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

GAYB8DL



Tot Ion:	43	Resp:	22009
Ion	Ratio	Lower	Upper
43	100		
58	26.5	43.0	64.6#
57	28.9	15.0	22.4#
100	3.5	9.2	13.8#

