

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017845.D
 Acq On : 10 Aug 2020 13:10
 Operator : JC/SP
 Sample : L3600-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA2

Quant Time: Aug 11 07:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	289793	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	297579	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84074	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.70	69	76903	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.34	63	125559	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.54	46	275853	51.87	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	5.15	84	193593	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	6.04	65	119097	5.34	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	6.05	84	348910	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	7.37	67	110764	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	8.70	98	304635	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	8.99	79	50086	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	228165	50.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	87806	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	133157	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

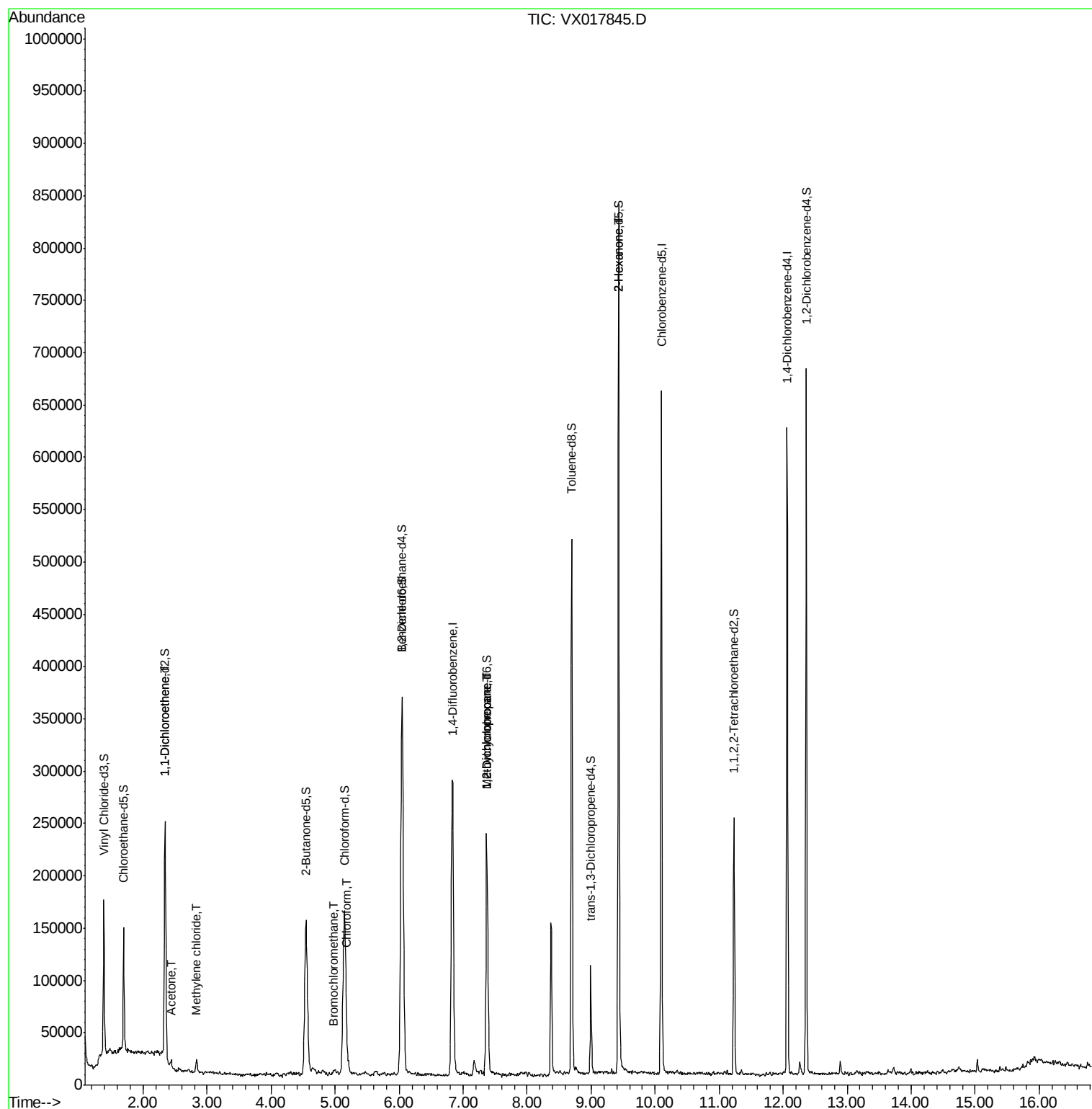
					Ovalue
12) 1,1-Dichloroethene	2.34	96	2610	0.118 ug/L #	1
13) Acetone	2.43	43	10086	2.596 ug/L	86
16) Methylene chloride	2.84	84	5859	0.191 ug/L	84
23) Bromochloromethane	4.98	128	1628	0.132 ug/L	73
25) Chloroform	5.18	83	27329	0.564 ug/L	94
35) Methylcyclohexane	7.37	83	28481	0.659 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	13401	0.506 ug/L #	90
50) 2-Hexanone	9.43	43	28857	2.334 ug/L #	68

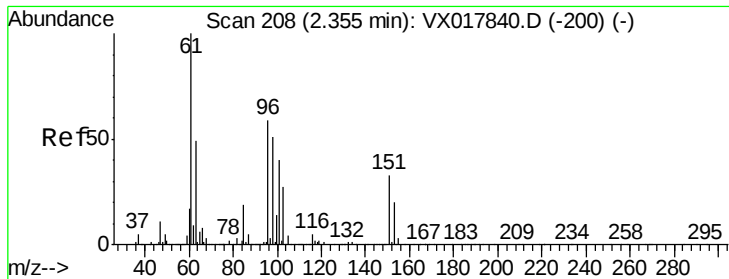
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX017845.D

Acq: 10 Aug 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

GAYA2

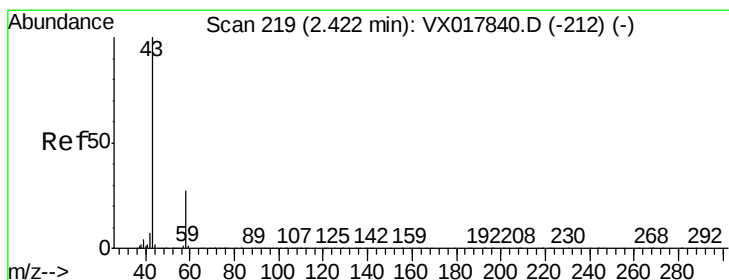
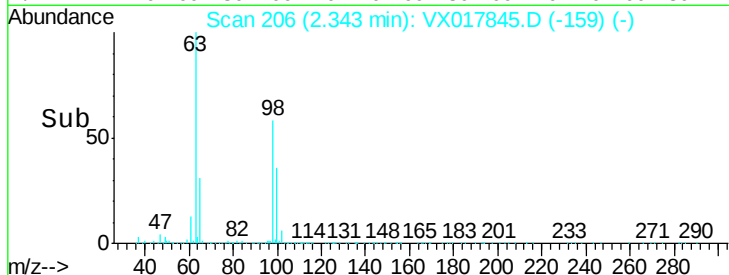
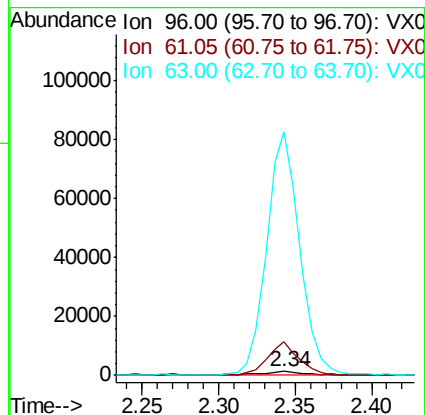
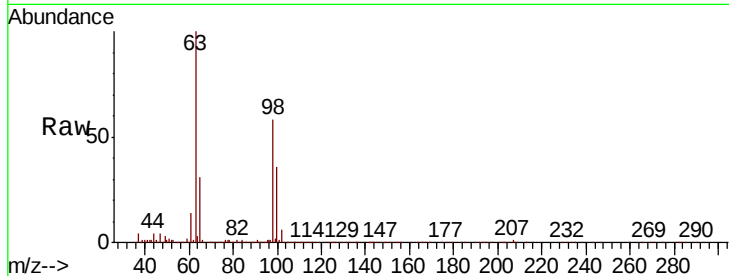
Tot Ion: 96 Resp: 2610

Ion Ratio Lower Upper

96 100

61 835.6 123.5 229.3#

63 6147.2 67.0 124.4#



#13

Acetone

Concen: 2.596 ug/L

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX017845.D

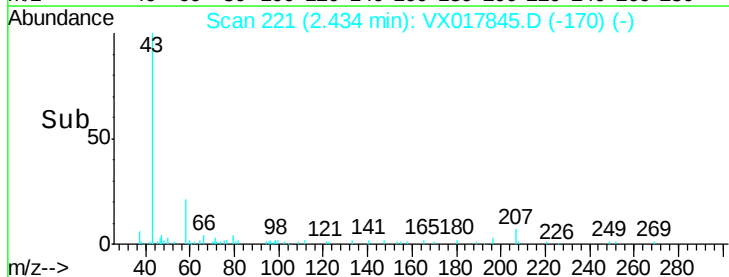
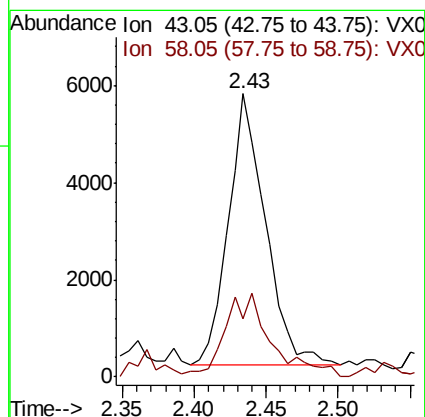
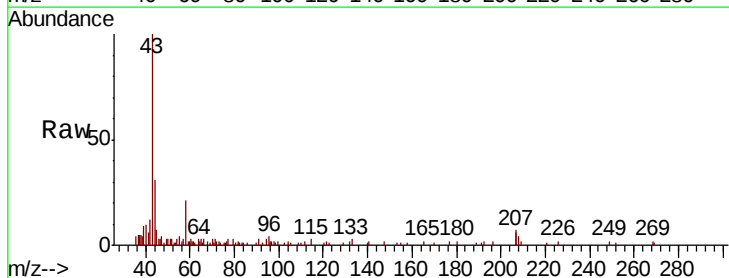
Acq: 10 Aug 2020 13:10

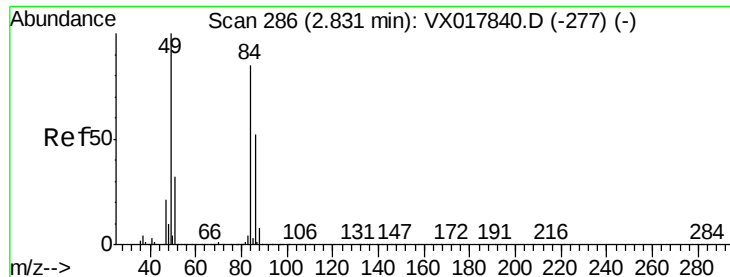
Tgt Ion: 43 Resp: 10086

Ion Ratio Lower Upper

43 100

58 38.1 0.0 60.8

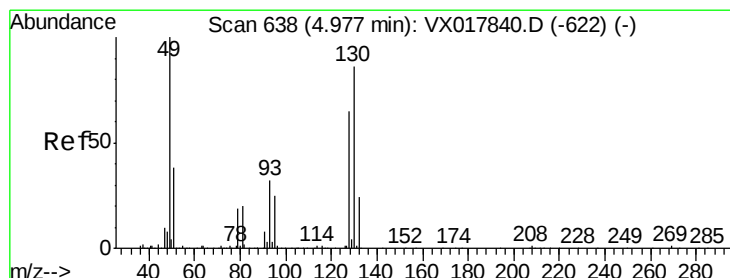
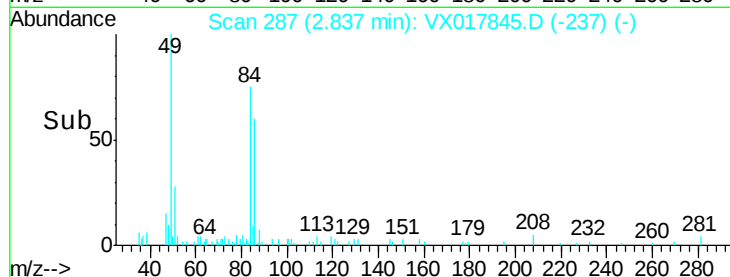
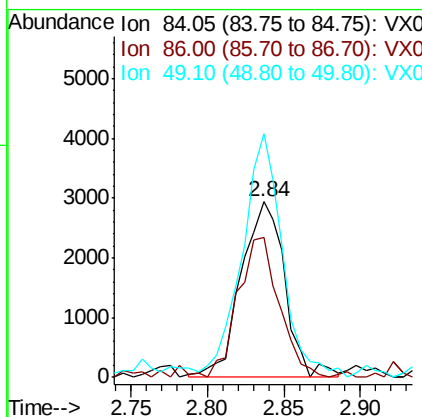
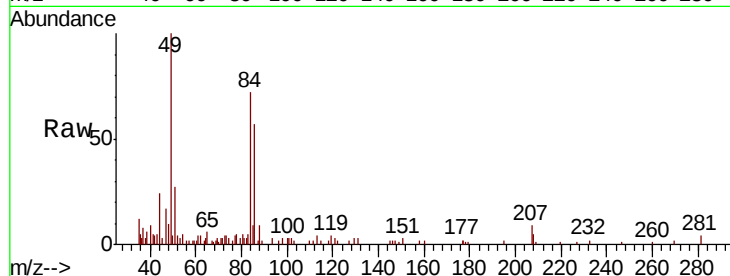




#16
Methvlene chloride
Concen: 0.191 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017845.D
Acq: 10 Aug 2020 13:10

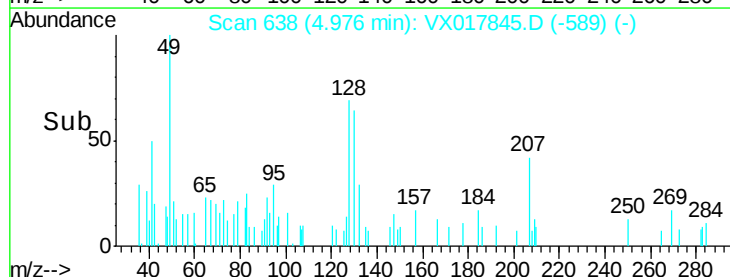
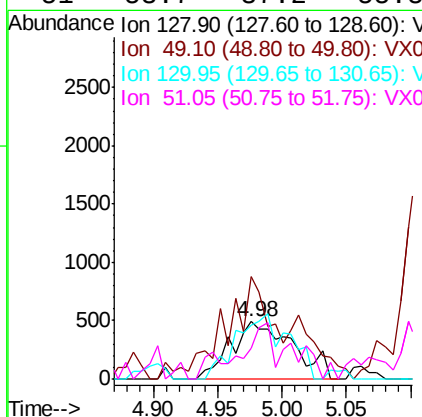
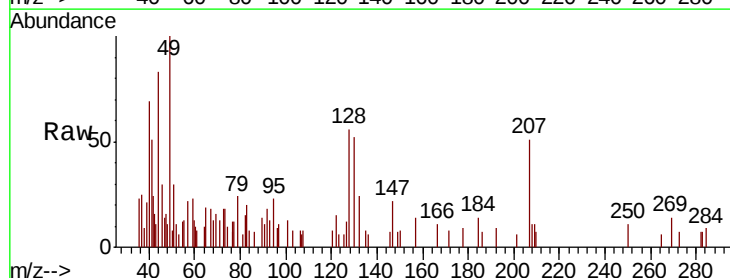
Instrument :
MSVOA_X
ClientSampled :
GAYA2

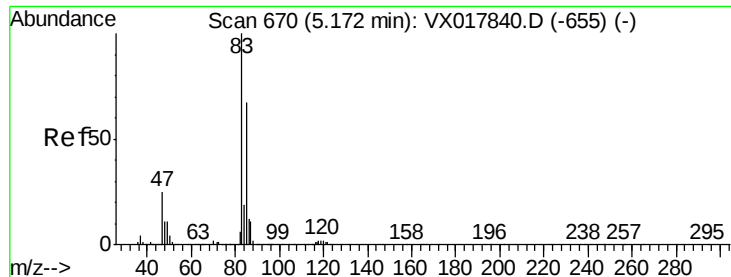
Tot Ion: 84 Resp: 5859
Ion Ratio Lower Upper
84 100
86 79.7 43.0 80.0
49 138.7 86.9 161.3



#23
Bromochloromethane
Concen: 0.132 ug/L
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX017845.D
Acq: 10 Aug 2020 13:10

Tgt Ion: 128 Resp: 1628
Ion Ratio Lower Upper
128 100
49 178.8 100.2 186.0
130 93.1 89.1 165.5
51 53.7 37.2 55.8





#25

Chloroform

Concen: 0.564 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017845.D

Acq: 10 Aug 2020 13:10

Instrument :

MSVOA_X

ClientSampled :

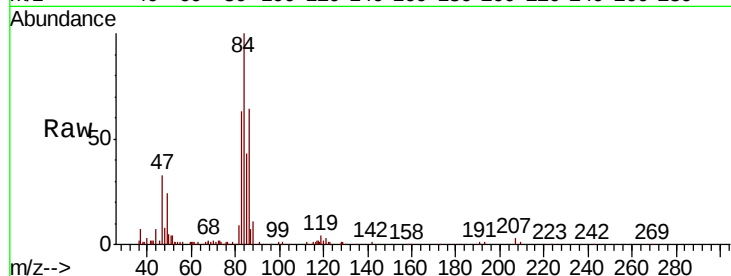
GAYA2

Tot Ion: 83 Resp: 27329

Ion Ratio Lower Upper

83 100

85 68.7 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.18

10000

8000

6000

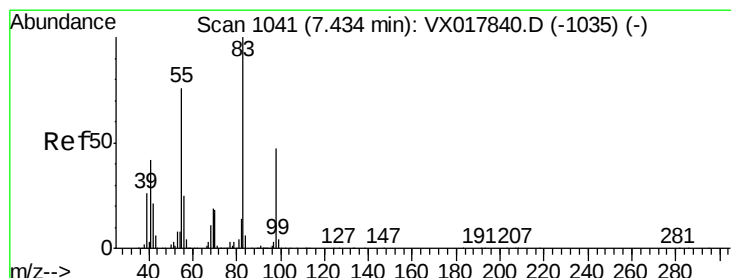
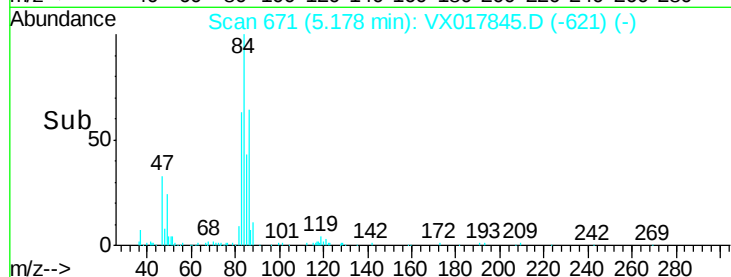
4000

2000

0

Time-->

5.10 5.20



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017845.D

Acq: 10 Aug 2020 13:10

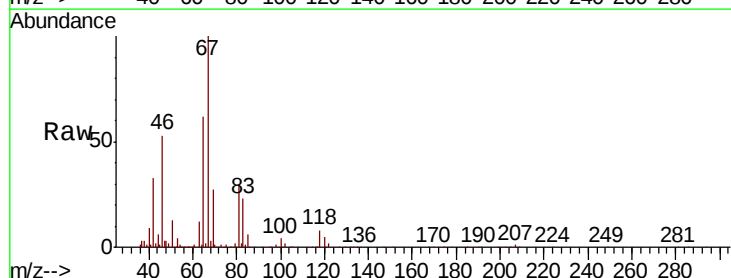
Tgt Ion: 83 Resp: 28481

Ion Ratio Lower Upper

83 100

55 0.9 62.4 93.6#

98 1.1 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

15000

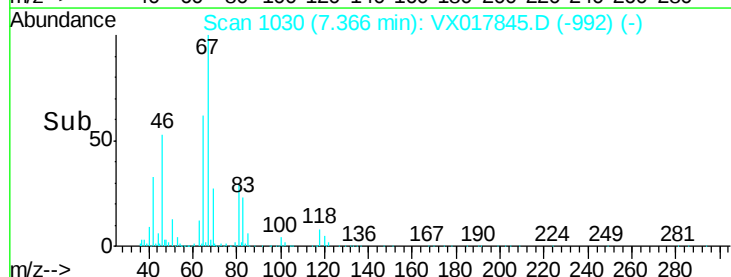
10000

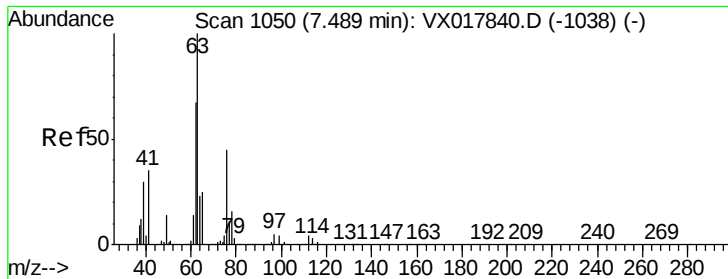
5000

0

Time-->

7.30 7.35 7.40 7.45





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VX017845.D

Acq: 10 Aug 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

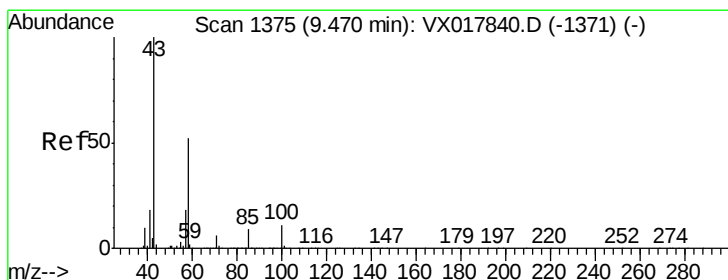
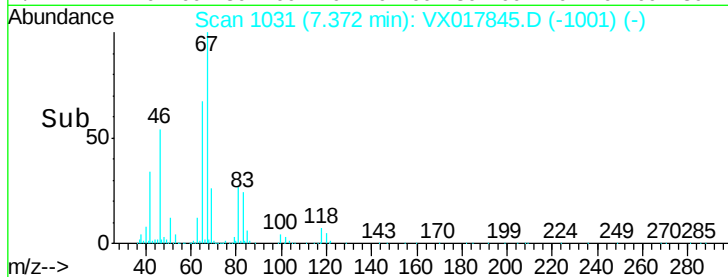
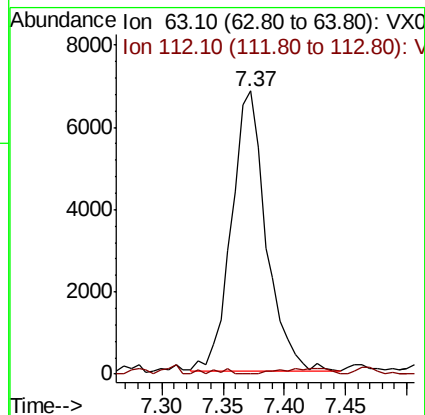
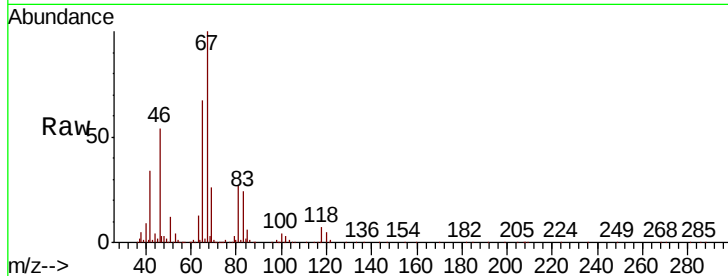
GAYA2

Tot Ion: 63 Resp: 13401

Ion Ratio Lower Upper

63 100

112 1.1 3.6 5.4#



#50

2-Hexanone

Concen: 2.334 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017845.D

Acq: 10 Aug 2020 13:10

Tgt Ion: 43 Resp: 28857

Ion Ratio Lower Upper

43 100

58 27.6 43.0 64.6#

57 28.4 15.0 22.4#

100 2.2 9.2 13.8#

