

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017852.D
 Acq On : 10 Aug 2020 16:04
 Operator : JC/SP
 Sample : L3600-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB4

Quant Time: Aug 11 07:15:56 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	6.84	114	304448	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	294446	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	133694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81134	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.69	69	77234	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.34	63	120887	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.54	46	354025	63.37	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.74%
24) Chloroform-d	5.14	84	206833	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	6.04	65	125336	5.34	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	6.05	84	357287	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	7.37	67	124227	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	8.70	98	293779	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	8.99	79	51659	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
48) 2-Hexanone-d5	9.43	63	275128	61.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	103624	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	140440	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

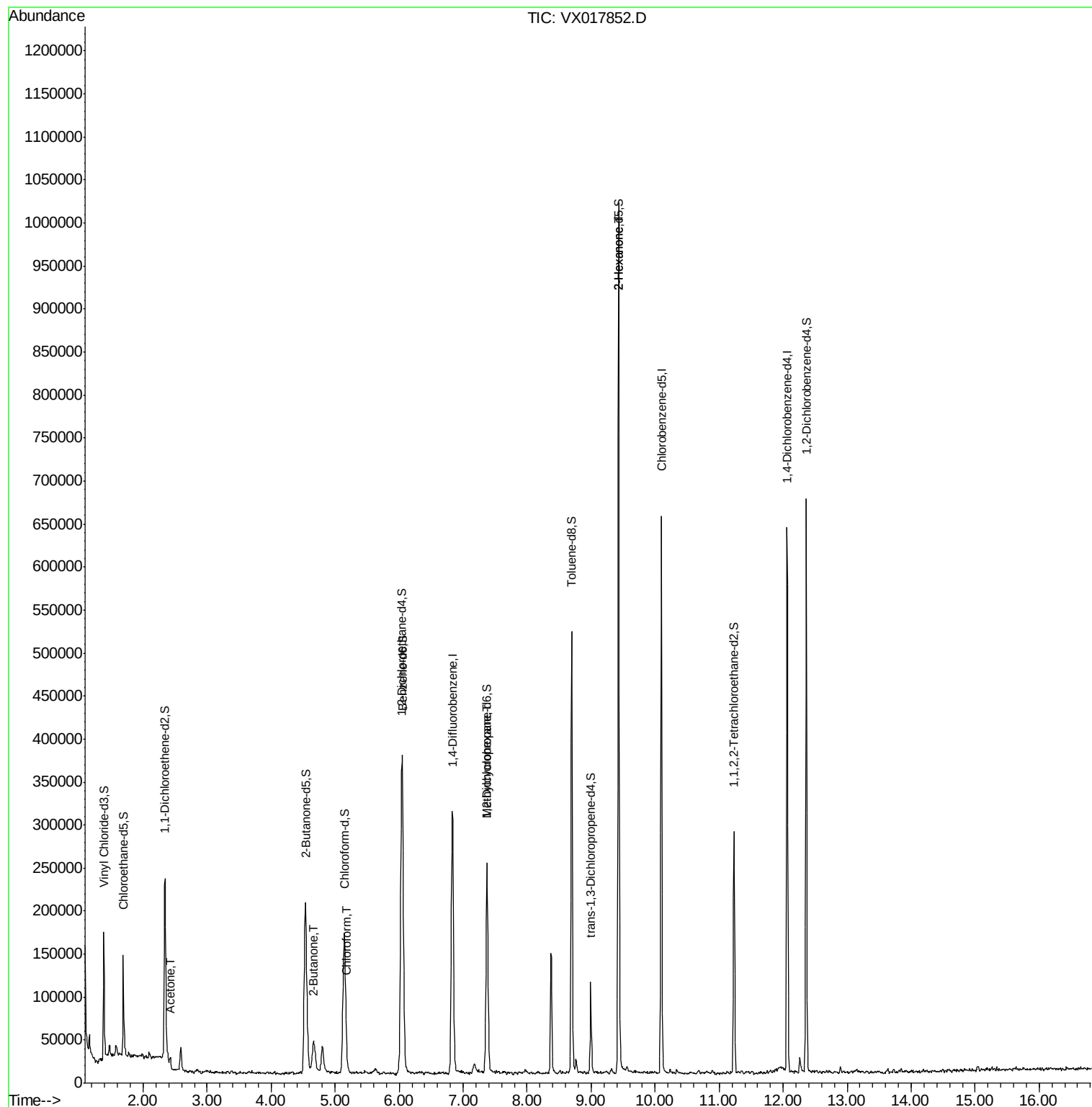
					Ovalue
13) Acetone	2.42	43	16195	3.967 ug/L	99
21) 2-Butanone	4.65	43	7637	1.083 ug/L	77
25) Chloroform	5.18	83	8385	0.165 ug/L	95
35) Methylcyclohexane	7.37	83	29655	0.693 ug/L #	21
50) 2-Hexanone	9.43	43	33123	2.708 ug/L #	68

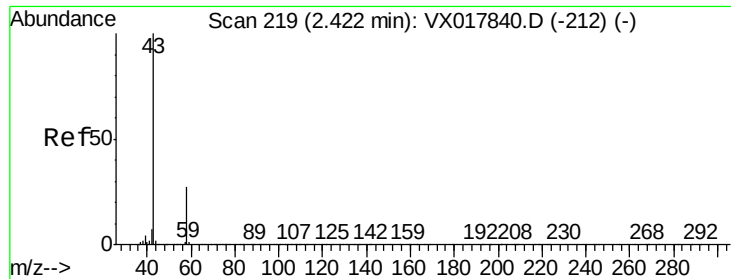
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.967 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

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Acq: 10 Aug 2020 16:04

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MSVOA_X

ClientSampleId :

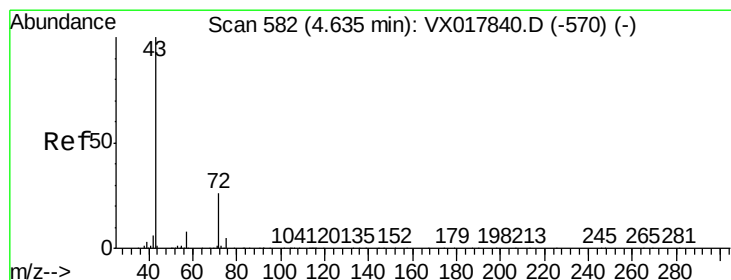
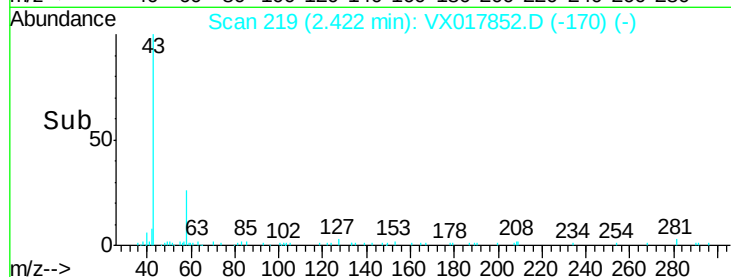
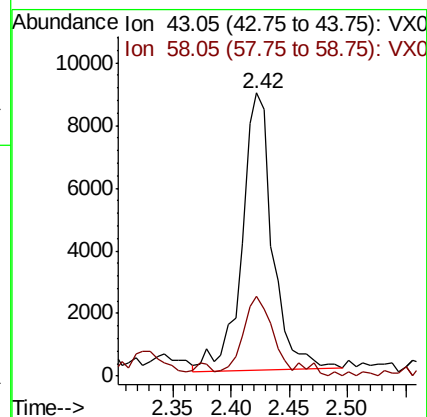
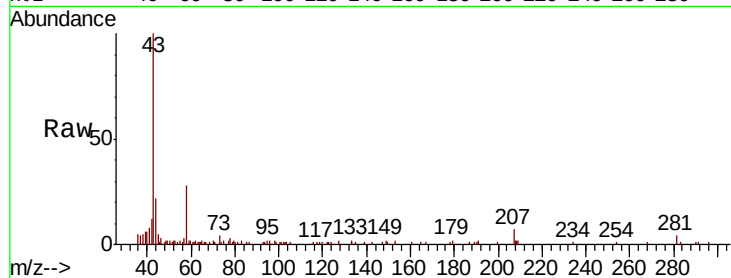
GAYB4

Tot Ion: 43 Resp: 16195

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.8



#21

2-Butanone

Concen: 1.083 ug/L

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX017852.D

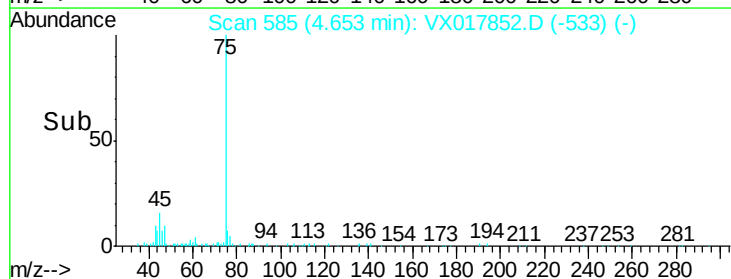
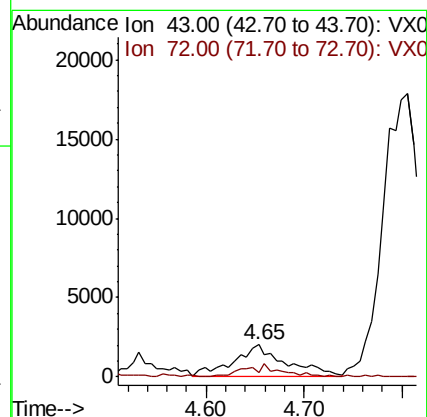
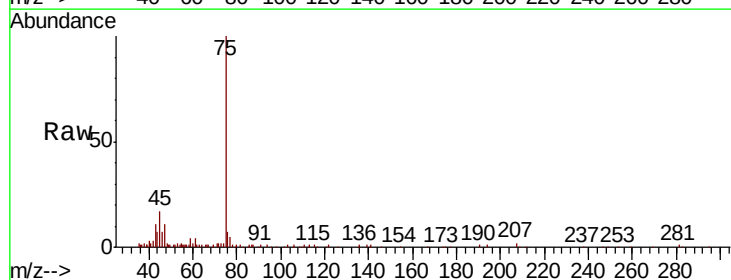
Acq: 10 Aug 2020 16:04

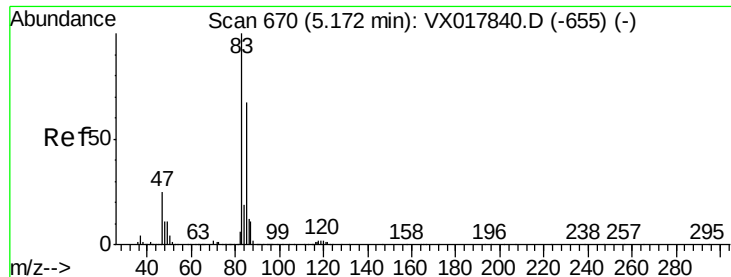
Tgt Ion: 43 Resp: 7637

Ion Ratio Lower Upper

43 100

72 14.8 13.2 39.6





#25

Chloroform

Concen: 0.165 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017852.D

Acq: 10 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

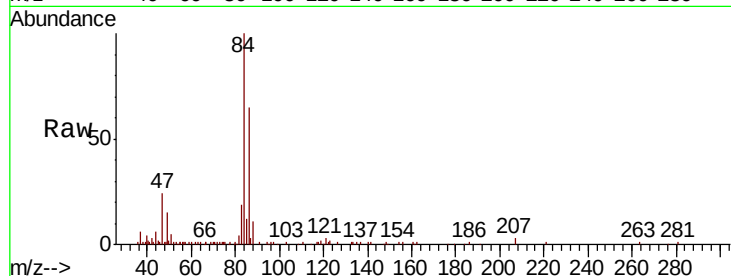
GAYB4

Tot Ion: 83 Resp: 8385

Ion Ratio Lower Upper

83 100

85 59.9 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

3000

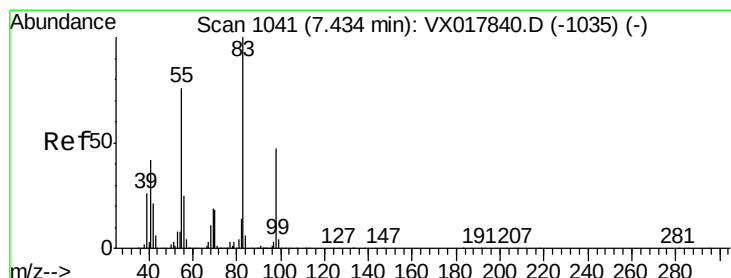
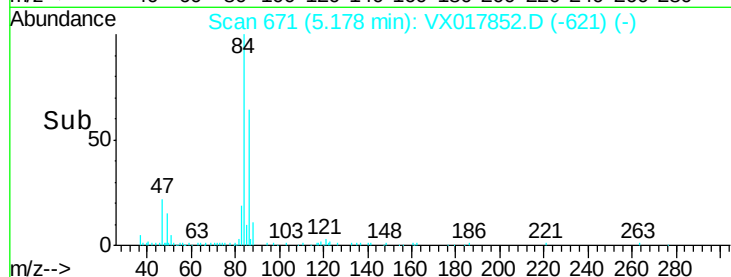
2000

1000

0

5.10 5.15 5.20 5.25

Time-->



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.06 min

Lab File: VX017852.D

Acq: 10 Aug 2020 16:04

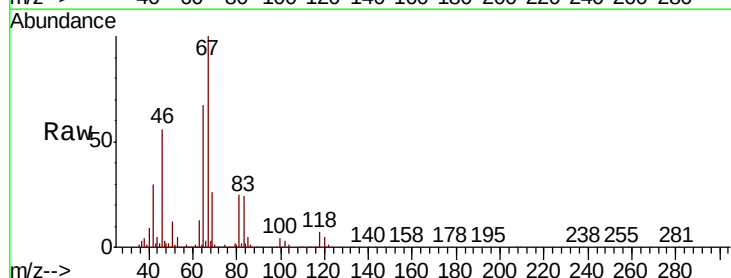
Tgt Ion: 83 Resp: 29655

Ion Ratio Lower Upper

83 100

55 2.3 62.4 93.6#

98 2.5 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

15000

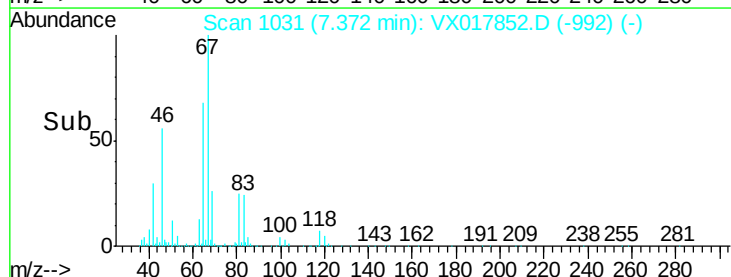
10000

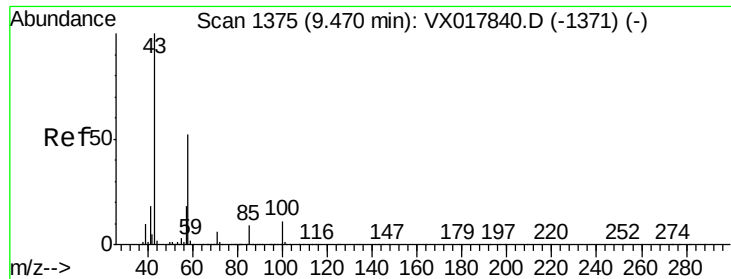
5000

0

7.30 7.35 7.40 7.45

Time-->





#50
 2-Hexanone
 Concen: 2.708 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
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 Acq: 10 Aug 2020 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB4

Tot Ion: 43 Resp: 33123
 Ion Ratio Lower Upper
 43 100
 58 27.9 43.0 64.6#
 57 28.7 15.0 22.4#
 100 2.0 9.2 13.8#

