

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX081020\
 Data File : VX017850.D
 Acq On : 10 Aug 2020 15:14
 Operator : JC/SP
 Sample : L3675-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA3

Quant Time: Aug 11 08:05:38 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	178590	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	167504	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	69697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48876	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.69	69	46167	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.34	63	72590	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.54	46	329538	100.55	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	201.10%#
24) Chloroform-d	5.14	84	124631	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	6.03	65	87825	6.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.60%
32) Benzene-d6	6.05	84	218034	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	7.37	67	76364	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	8.70	98	174577	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	8.99	79	32731	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
48) 2-Hexanone-d5	9.43	63	237367	92.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	185.54%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	73202	6.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.40%#
65) 1,2-Dichlorobenzene-d4	12.36	152	77108	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

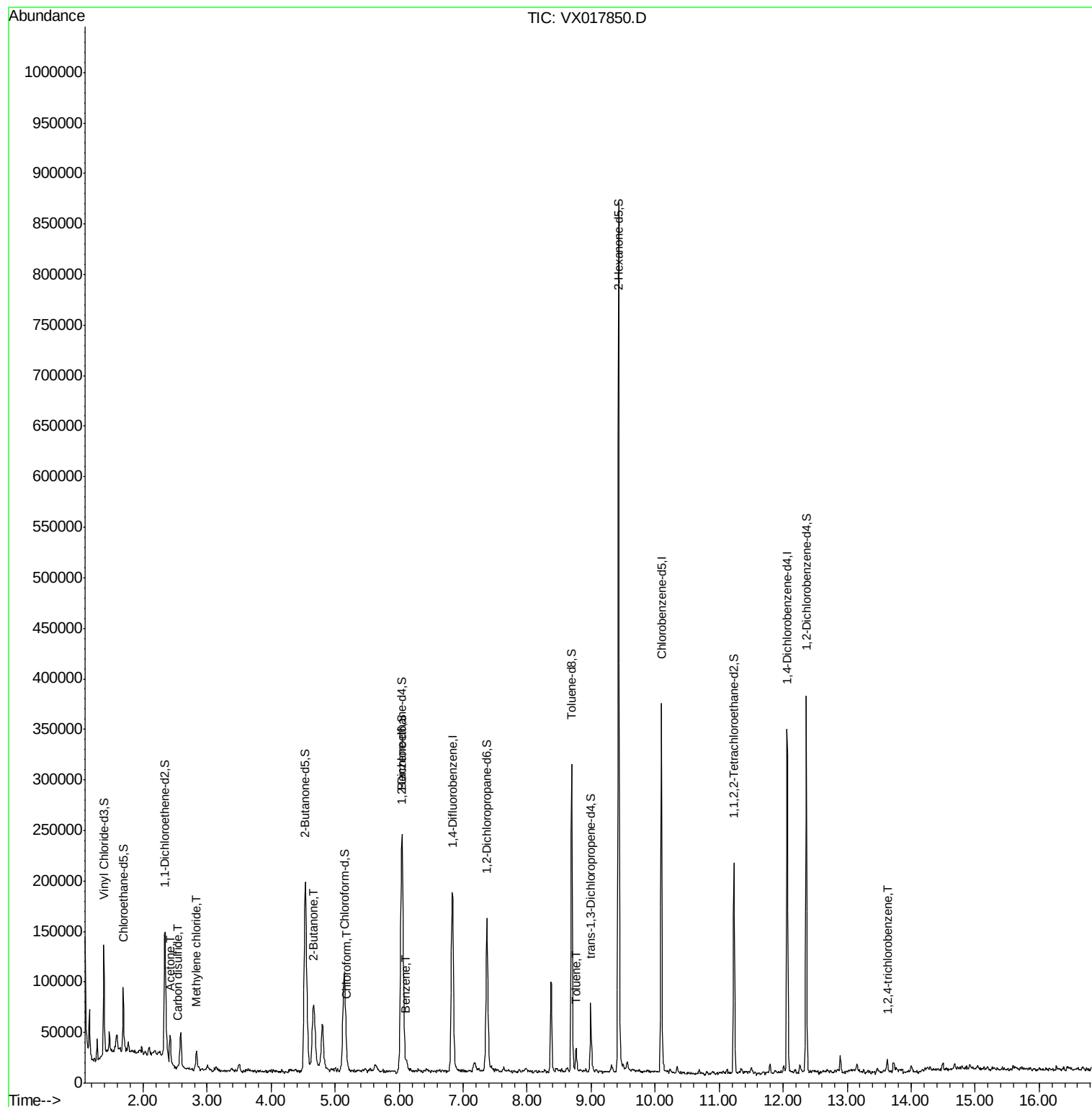
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.42	43	31507	13.158	ug/L	92
14) Carbon disulfide	2.55	76	3486	0.071	ug/L #	76
16) Methylene chloride	2.83	84	8071	0.427	ug/L	92
21) 2-Butanone	4.66	43	8207	1.985	ug/L	78
25) Chloroform	5.18	83	7833	0.263	ug/L	85
33) Benzene	6.11	78	12204	0.206	ug/L	100
42) Toluene	8.77	91	12934	0.201	ug/L	91
69) 1,2,4-trichlorobenzene	13.62	180	2619	0.148	ug/L	90

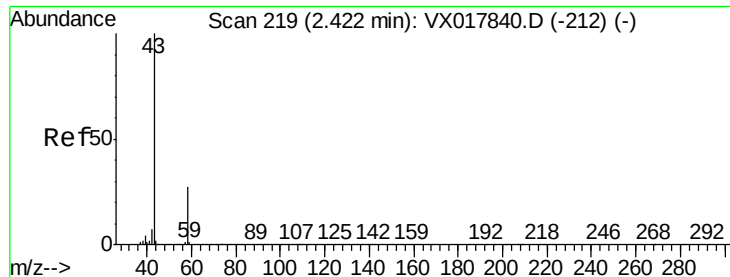
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.158 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017850.D

Acq: 10 Aug 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

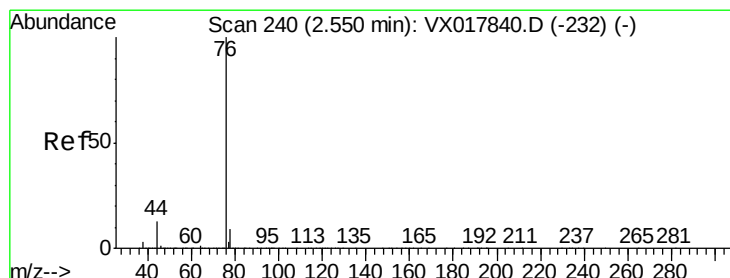
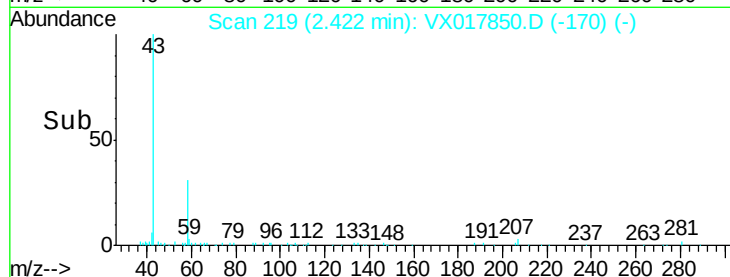
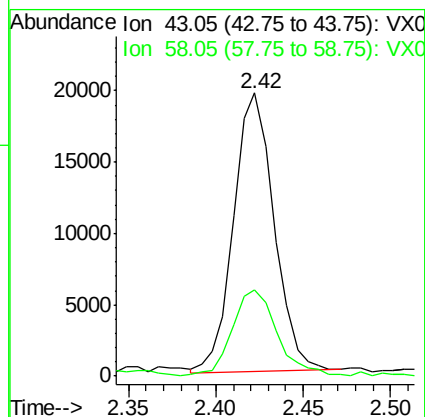
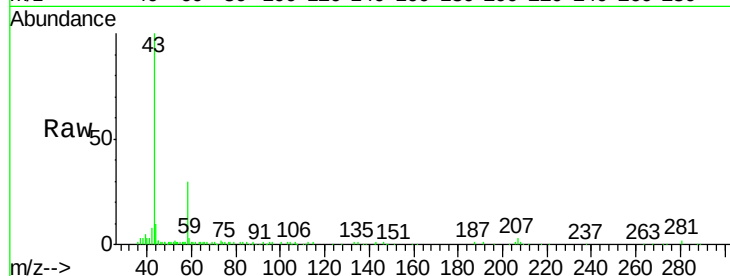
GAYA3

Tot Ion: 43 Resp: 31507

Ion Ratio Lower Upper

43 100

58 34.5 0.0 60.8



#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017850.D

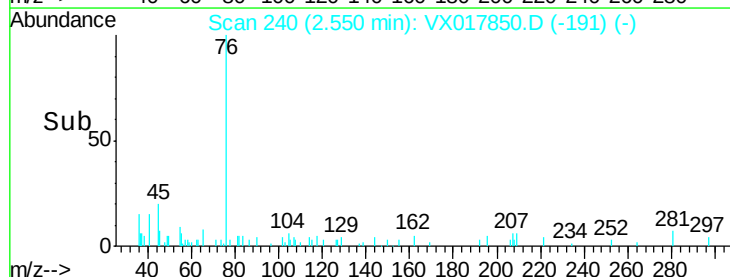
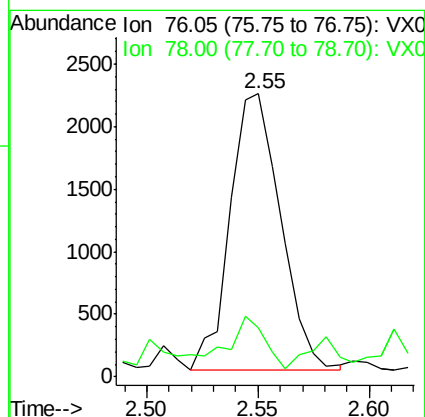
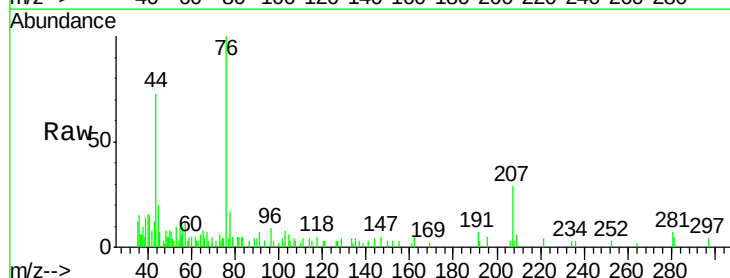
Acq: 10 Aug 2020 15:14

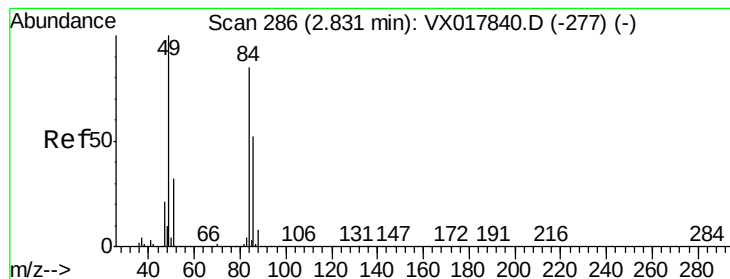
Tgt Ion: 76 Resp: 3486

Ion Ratio Lower Upper

76 100

78 17.3 7.0 10.4#





#16

Methvlene chloride

Concen: 0.427 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX017850.D

Acq: 10 Aug 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

GAYA3

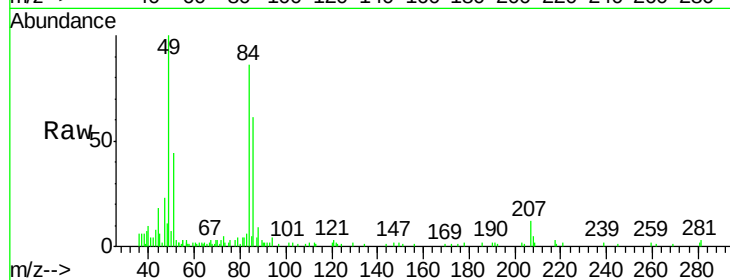
Tot Ion: 84 Resp: 8071

Ion Ratio Lower Upper

84 100

86 70.3 43.0 80.0

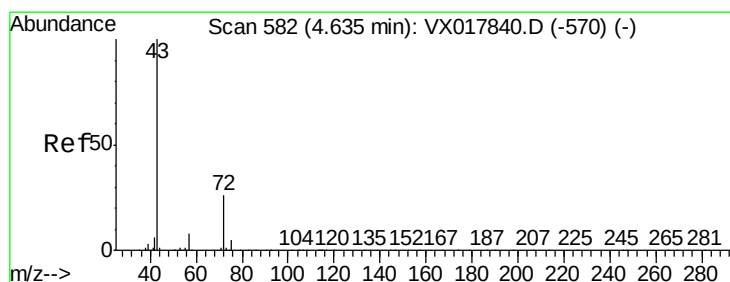
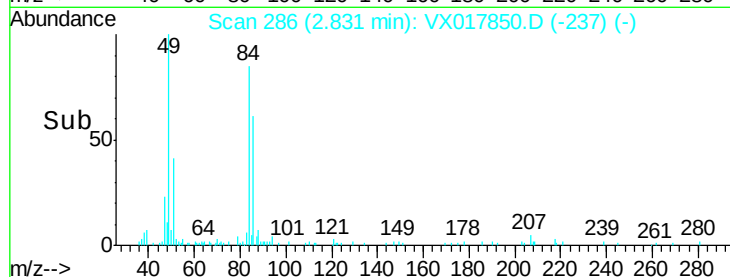
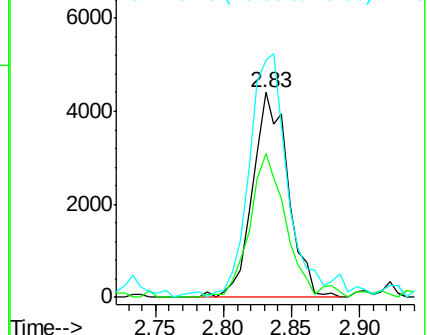
49 116.2 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0



#21

2-Butanone

Concen: 1.985 ug/L

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX017850.D

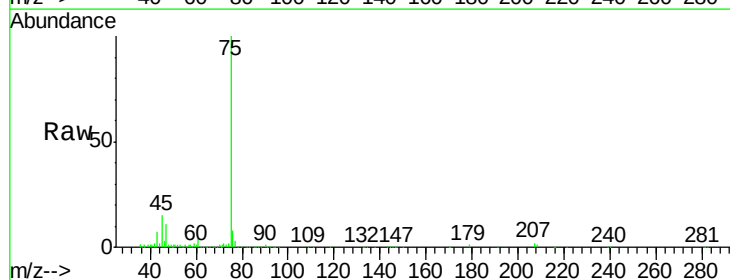
Acq: 10 Aug 2020 15:14

Tgt Ion: 43 Resp: 8207

Ion Ratio Lower Upper

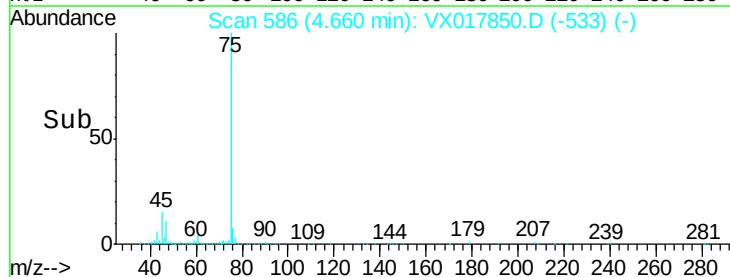
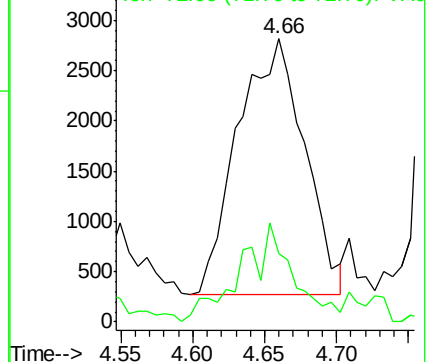
43 100

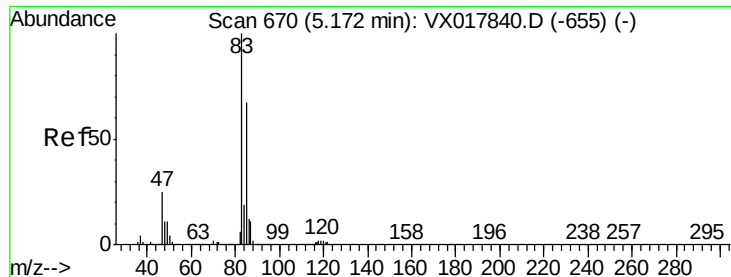
72 15.1 13.2 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

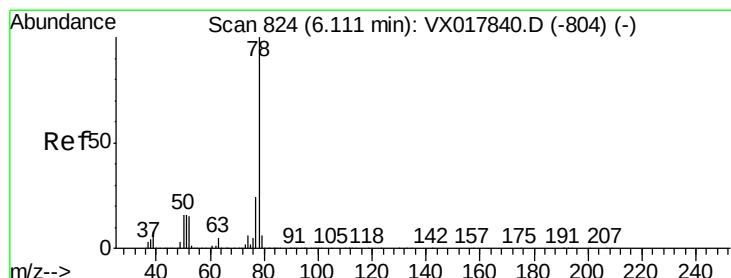
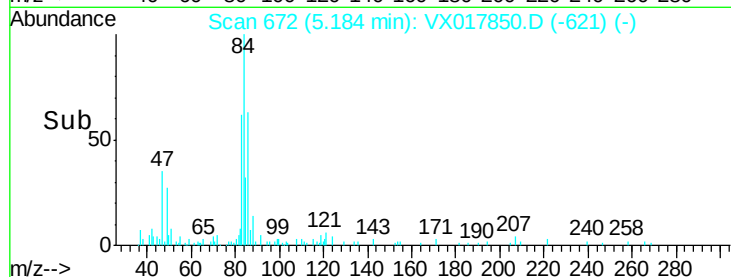
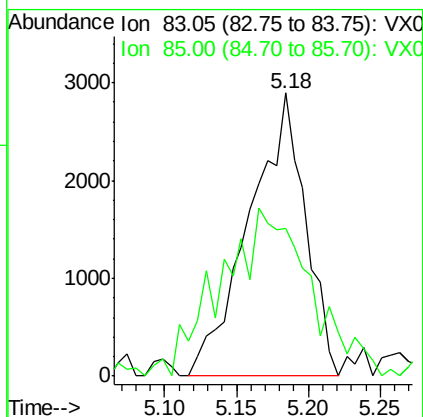
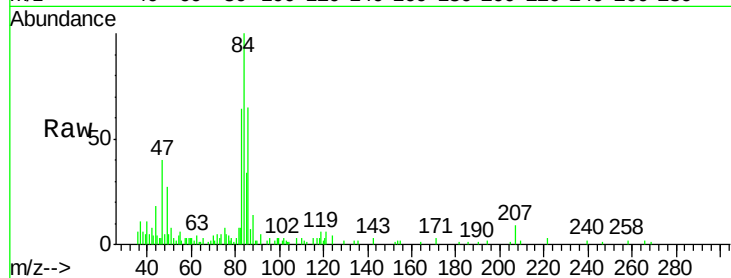




#25
Chloroform
Concen: 0.263 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017850.D
Acq: 10 Aug 2020 15:14

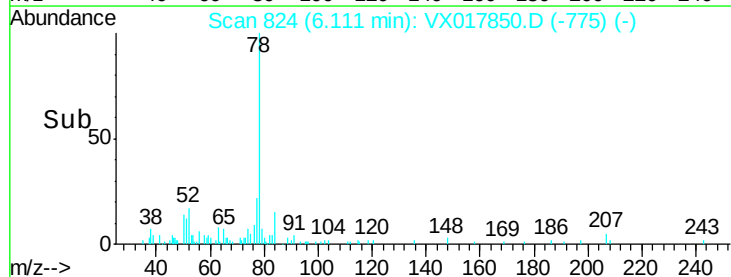
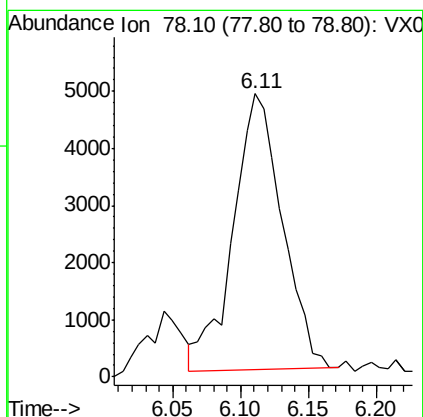
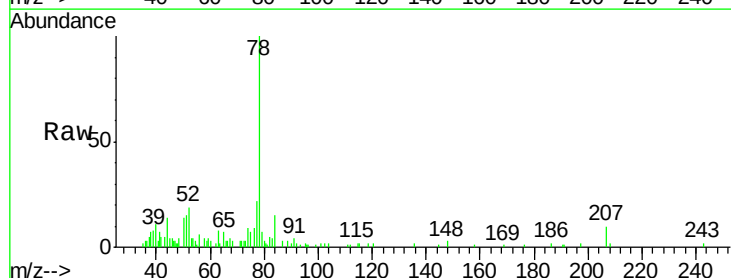
Instrument :
MSVOA_X
ClientSampled :
GAYA3

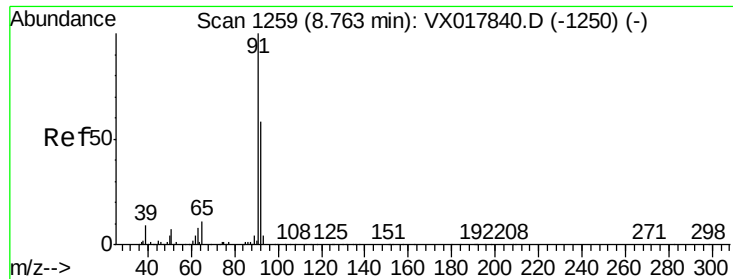
Tot Ion: 83 Resp: 7833
Ion Ratio Lower Upper
83 100
85 52.1 44.7 83.1



#33
Benzene
Concen: 0.206 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017850.D
Acq: 10 Aug 2020 15:14

Tgt Ion: 78 Resp: 12204





#42

Toluene

Concen: 0.201 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017850.D

Acq: 10 Aug 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

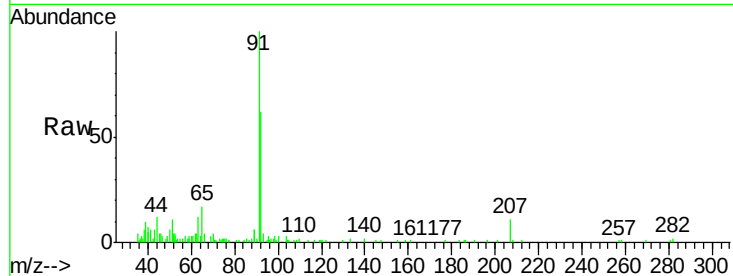
GAYA3

Tot Ion: 91 Resp: 12934

Ion Ratio Lower Upper

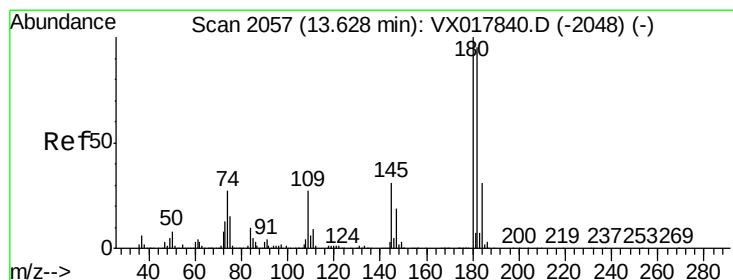
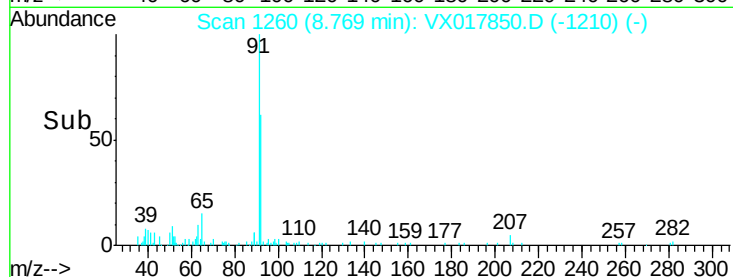
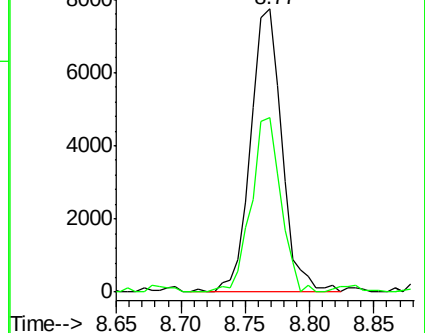
91 100

92 61.6 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#69

1,2,4-trichlorobenzene

Concen: 0.148 ug/L

RT: 13.62 min Scan# 2056

Delta R.T. -0.01 min

Lab File: VX017850.D

Acq: 10 Aug 2020 15:14

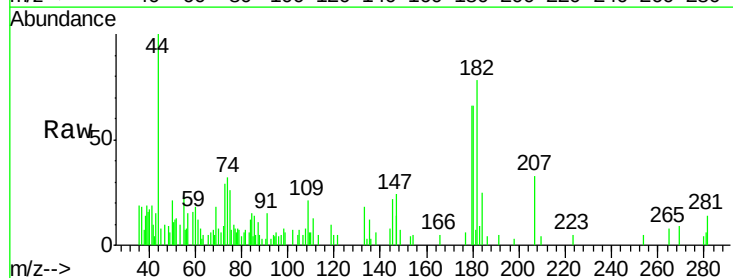
Tgt Ion: 180 Resp: 2619

Ion Ratio Lower Upper

180 100

182 84.2 76.5 114.7

145 34.0 25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

