

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017860.D
 Acq On : 12 Aug 2020 14:35
 Operator : JC/SP
 Sample : L3600-12MSD
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA5MSD

Quant Time: Aug 13 01:21:33 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	313114	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	267116	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	125258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103794	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.69	69	78128	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.34	63	199463	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.54	46	258725	45.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.06%
24) Chloroform-d	5.14	84	155813	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	6.04	65	101335	4.20	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	6.05	84	351196	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	7.37	67	113255	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	8.70	98	305813	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	8.99	79	45502	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	9.43	63	190046	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	75756	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	112553	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

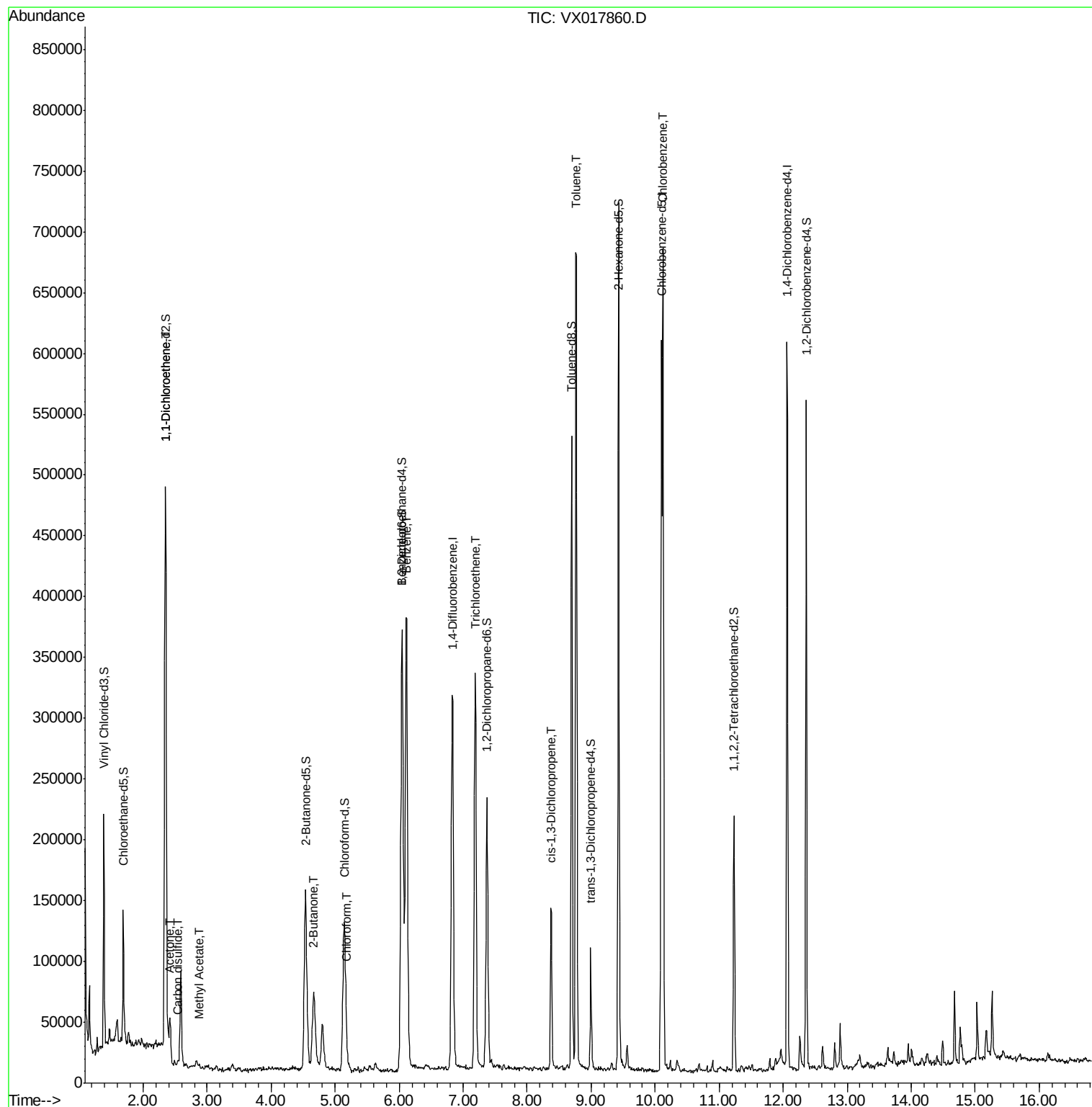
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.36	96	96822	4.034	ug/L	95
13) Acetone	2.42	43	33443	7.966	ug/L	98
14) Carbon disulfide	2.54	76	5354	0.062	ug/L	98
15) Methyl Acetate	2.87	43	1118	0.090	ug/L #	90
21) 2-Butanone	4.65	43	10078	1.390	ug/L	92
25) Chloroform	5.18	83	15066	0.288	ug/L	89
33) Benzene	6.12	78	447283	4.730	ug/L	100
34) Trichloroethene	7.19	95	121965	4.418	ug/L	97
39) cis-1,3-Dichloropropene	8.37	75	4378	0.120	ug/L	88
42) Toluene	8.77	91	445675	4.341	ug/L	99
53) Chlorobenzene	10.12	112	285281	4.270	ug/L	96

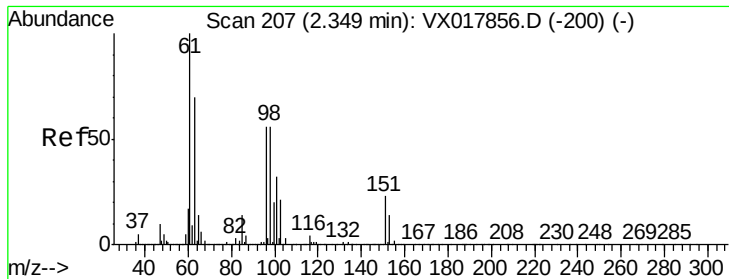
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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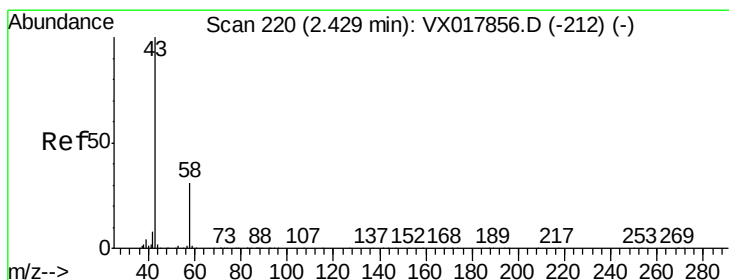
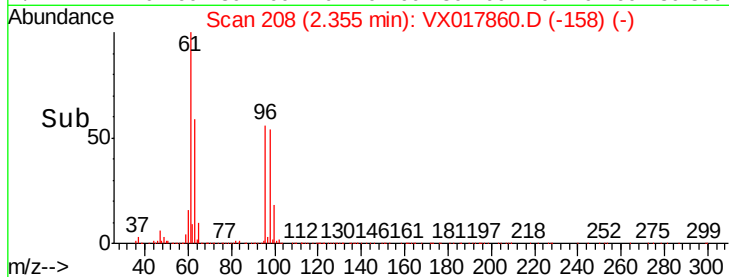
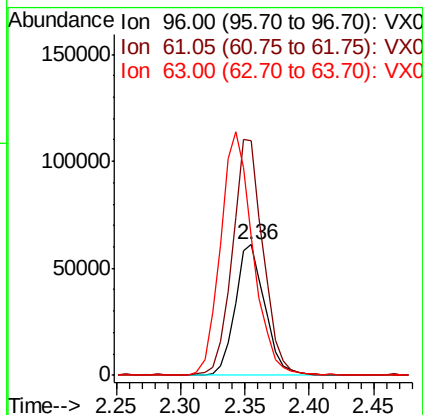
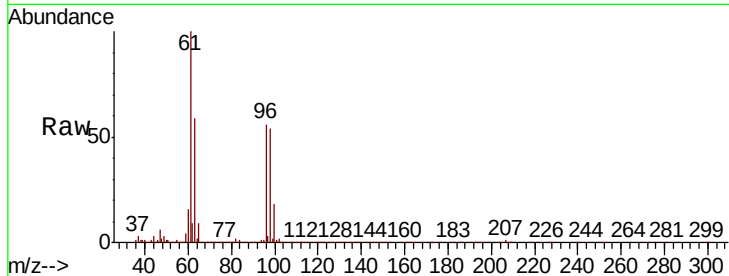




#12
 1,1-Dichloroethene
 Concen: 4.034 ug/L
 RT: 2.36 min Scan# 208
 Delta R.T. 0.01 min
 Lab File: VX017860.D
 Acq: 12 Aug 2020 14:35

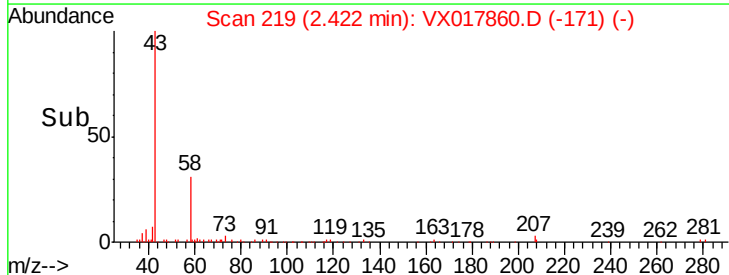
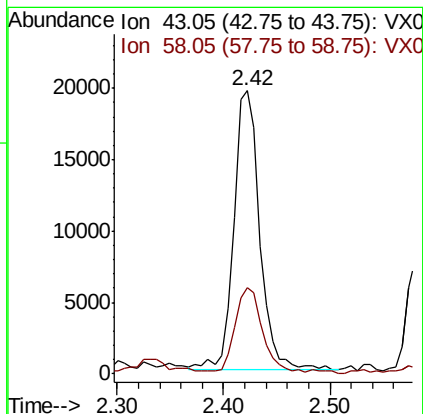
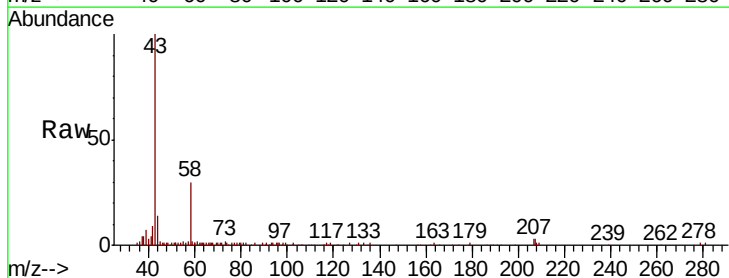
Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA5MSD

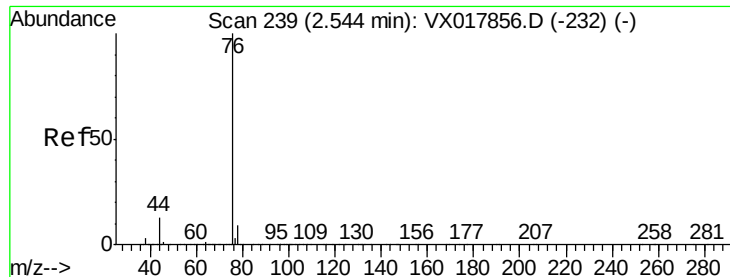
Tot Ion: 96 Resp: 96822
 Ion Ratio Lower Upper
 96 100
 61 179.8 123.5 229.3
 63 106.3 67.0 124.4



#13
 Acetone
 Concen: 7.966 ug/L
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX017860.D
 Acq: 12 Aug 2020 14:35

Tgt Ion: 43 Resp: 33443
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 60.8





#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX017860.D

Acq: 12 Aug 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

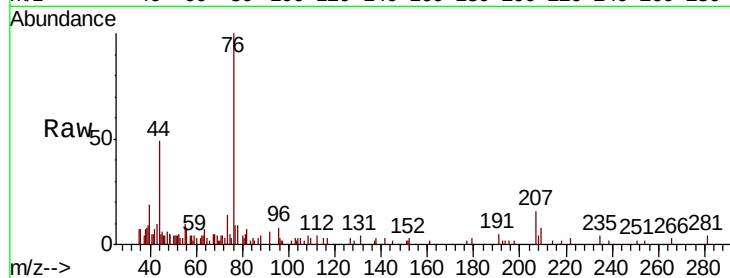
GAYA5MSD

Tot Ion: 76 Resp: 5354

Ion Ratio Lower Upper

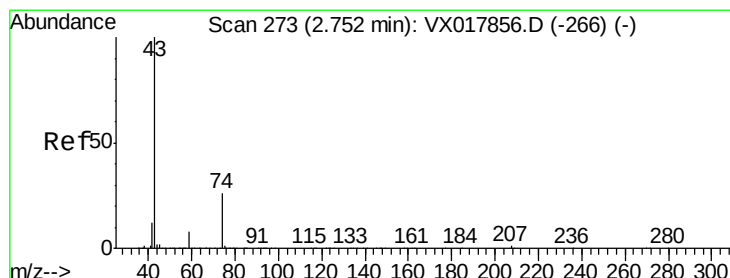
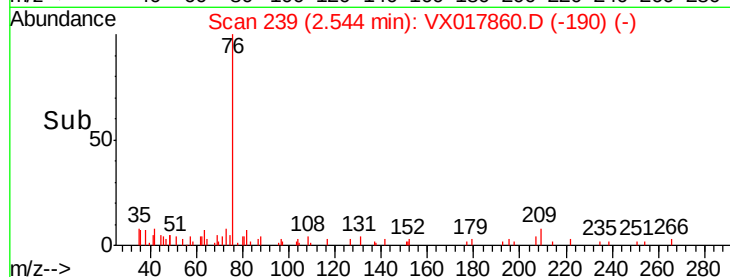
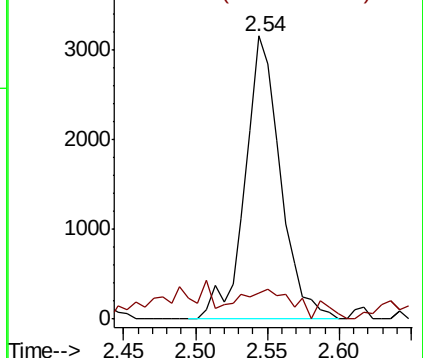
76 100

78 9.4 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 0.090 ug/L

RT: 2.87 min Scan# 292

Delta R.T. 0.12 min

Lab File: VX017860.D

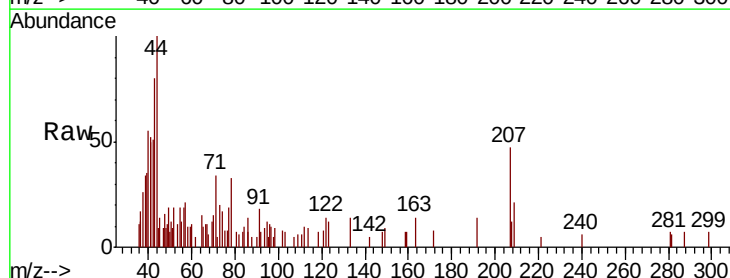
Acq: 12 Aug 2020 14:35

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

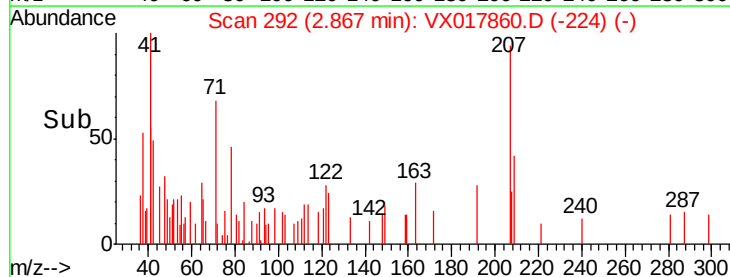
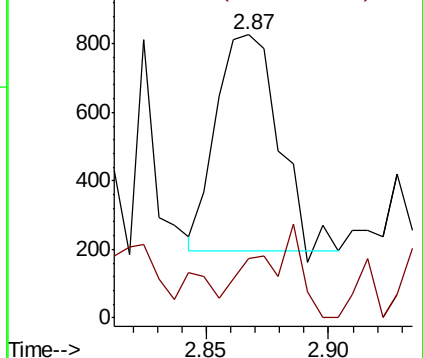
43 100

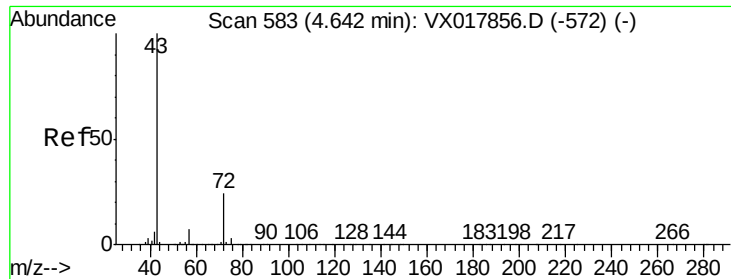
74 30.8 20.4 30.6#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0





#21

2-Butanone

Concen: 1.390 ug/L

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017860.D

Acq: 12 Aug 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

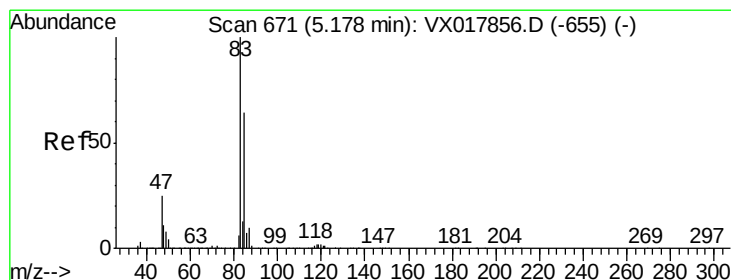
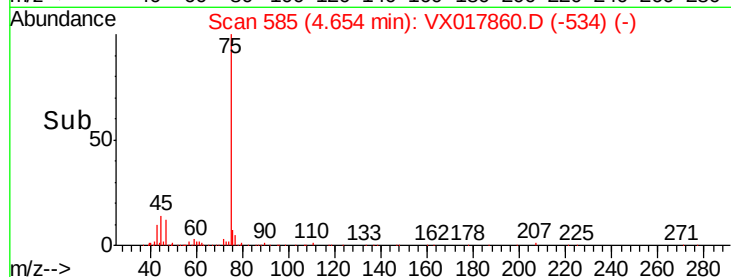
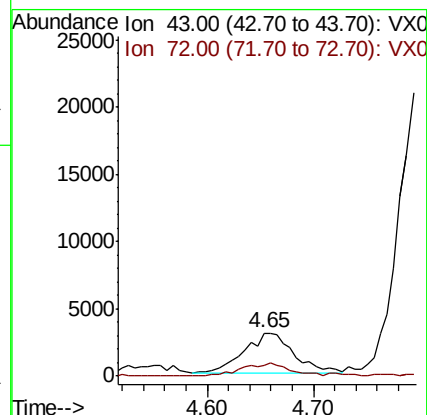
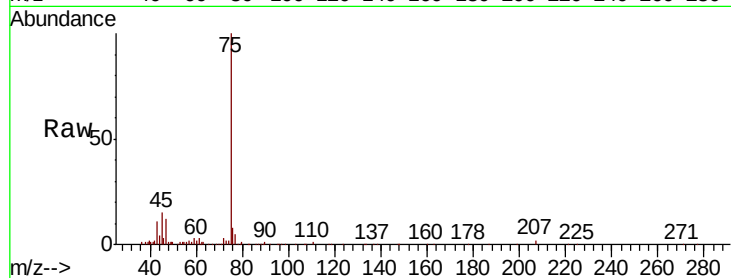
GAYA5MSD

Tot Ion: 43 Resp: 10078

Ion Ratio Lower Upper

43 100

72 30.3 13.2 39.6



#25

Chloroform

Concen: 0.288 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017860.D

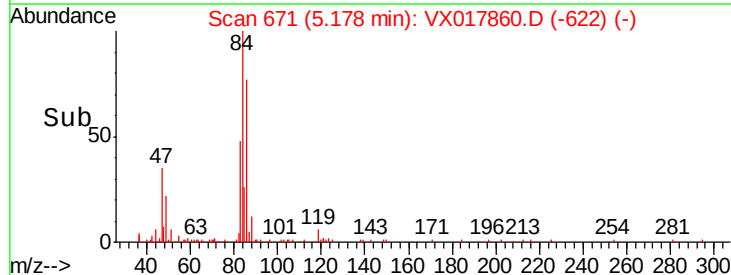
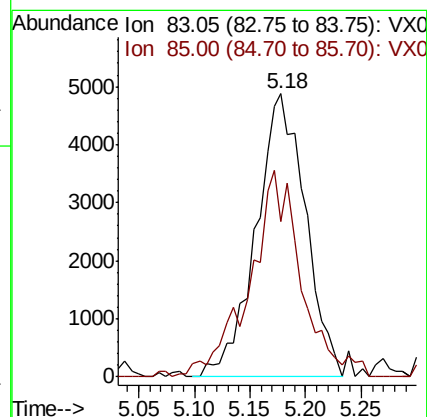
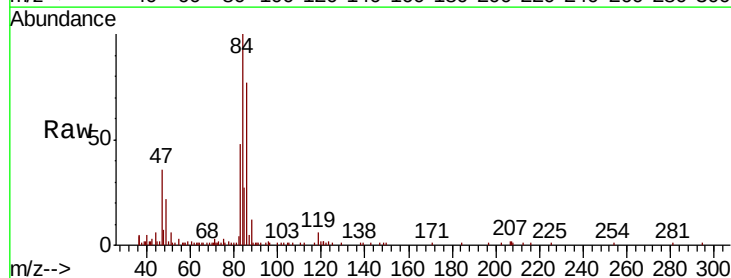
Acq: 12 Aug 2020 14:35

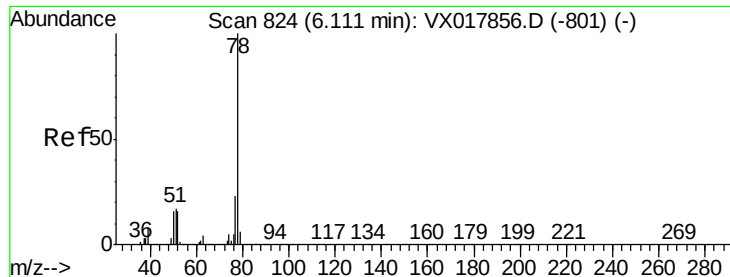
Tgt Ion: 83 Resp: 15066

Ion Ratio Lower Upper

83 100

85 55.0 44.7 83.1





#33

Benzene

Concen: 4.730 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017860.D

Acq: 12 Aug 2020 14:35

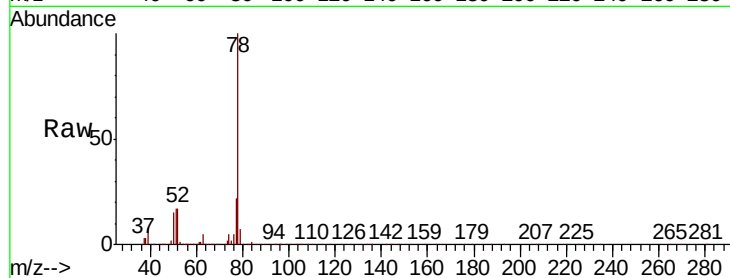
Instrument :

MSVOA_X

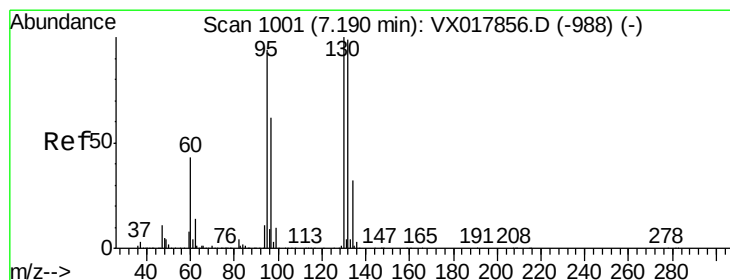
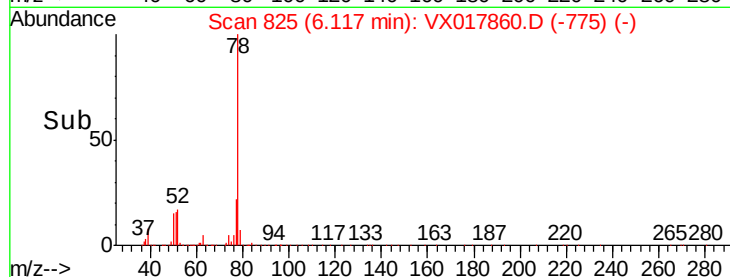
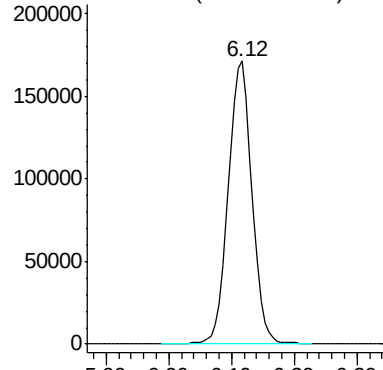
ClientSampleId :

GAYA5MSD

Tgt Ion: 78 Resp: 447283



Abundance Ion 78.10 (77.80 to 78.80): VX0



#34

Trichloroethene

Concen: 4.418 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017860.D

Acq: 12 Aug 2020 14:35

Tgt Ion: 95 Resp: 121965

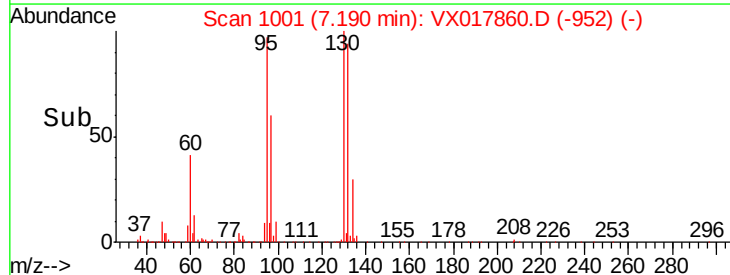
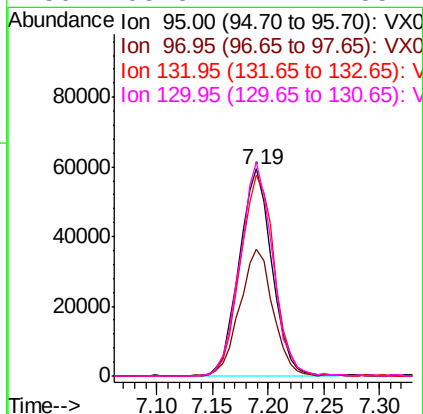
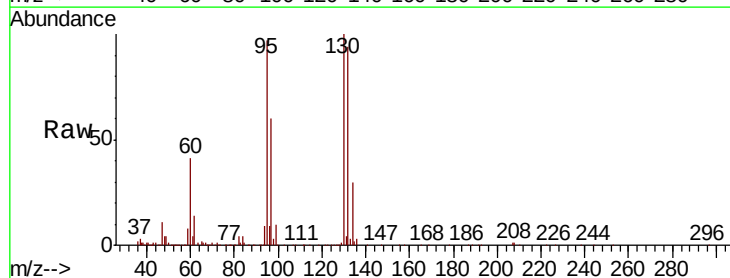
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.1	85.5
132	97.4	66.0	122.6
130	103.3	71.7	133.1

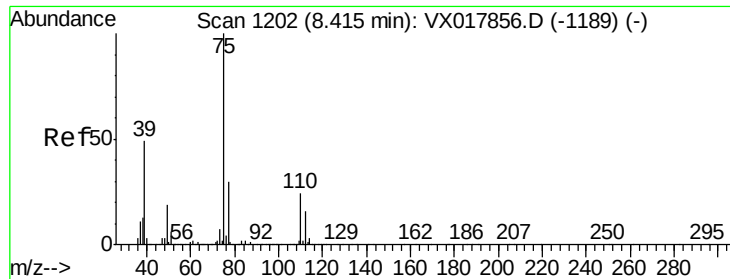
Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

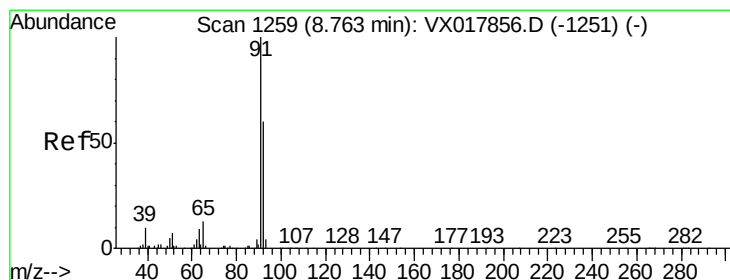
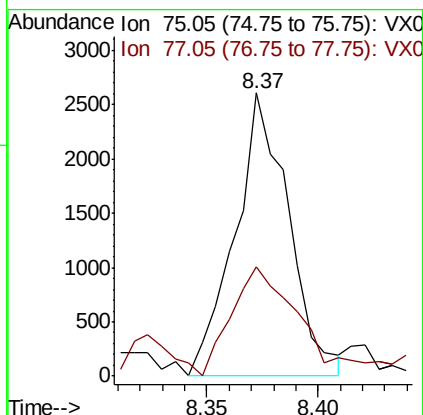
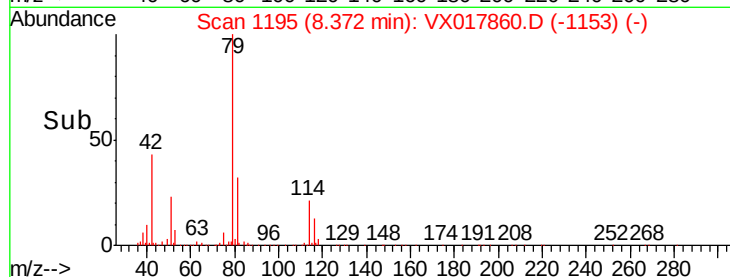
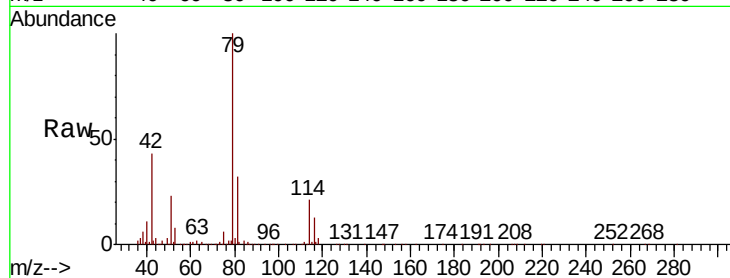




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017860.D
 Acq: 12 Aug 2020 14:35

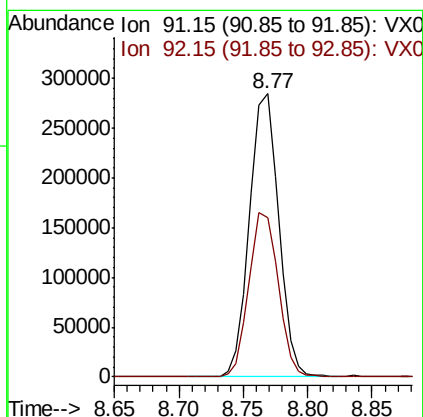
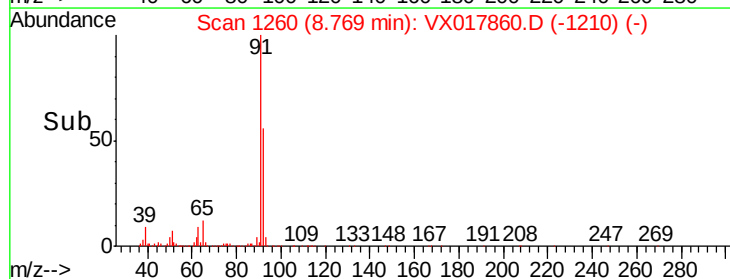
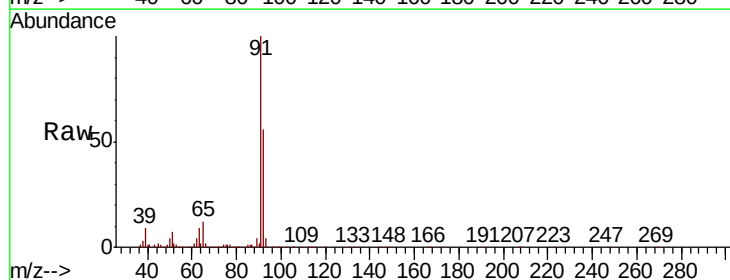
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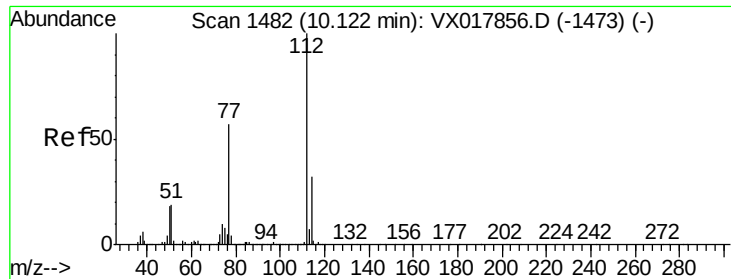
Tot Ion: 75 Resp: 4378
 Ion Ratio Lower Upper
 75 100
 77 38.6 22.2 41.2



#42
 Toluene
 Concen: 4.341 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017860.D
 Acq: 12 Aug 2020 14:35

Tgt Ion: 91 Resp: 445675
 Ion Ratio Lower Upper
 91 100
 92 56.1 38.8 72.0





#53

Chlorobenzene

Concen: 4.270 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017860.D

Acq: 12 Aug 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

GAYA5MSD

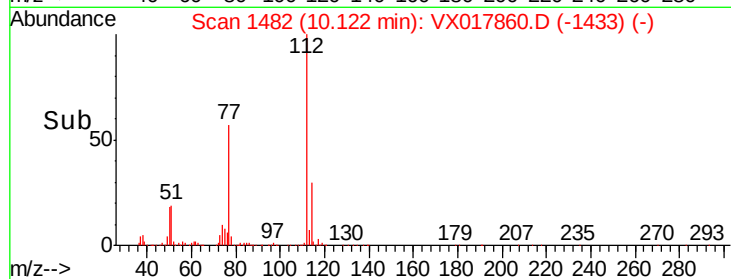
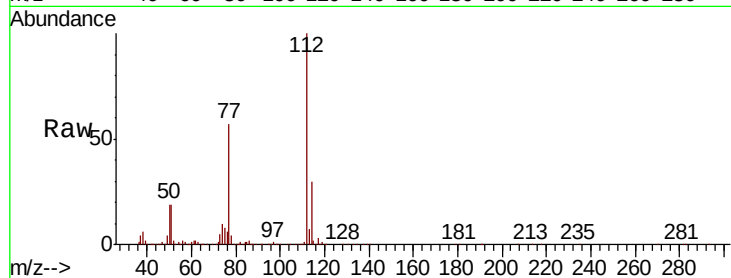
Tot Ion:112 Resp: 285281

Ion Ratio Lower Upper

112 100

114 30.1 23.5 43.7

77 56.6 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0

