

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017858.D
 Acq On : 10 Aug 2020 18:33
 Operator : JC/SP
 Sample : L3600-11MS
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB8DL

Quant Time: Aug 11 07:17:20 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	314464	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	281046	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	129344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80497	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.69	69	77910	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	161454	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.54	46	351163	60.85	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.70%
24) Chloroform-d	5.14	84	190968	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	6.03	65	121938	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	6.05	84	337905	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	7.37	67	120416	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	8.70	98	277755	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
45) trans-1,3-Dichloropropene-	8.99	79	46157	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	9.43	63	257321	59.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.88%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	96677	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	119614	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

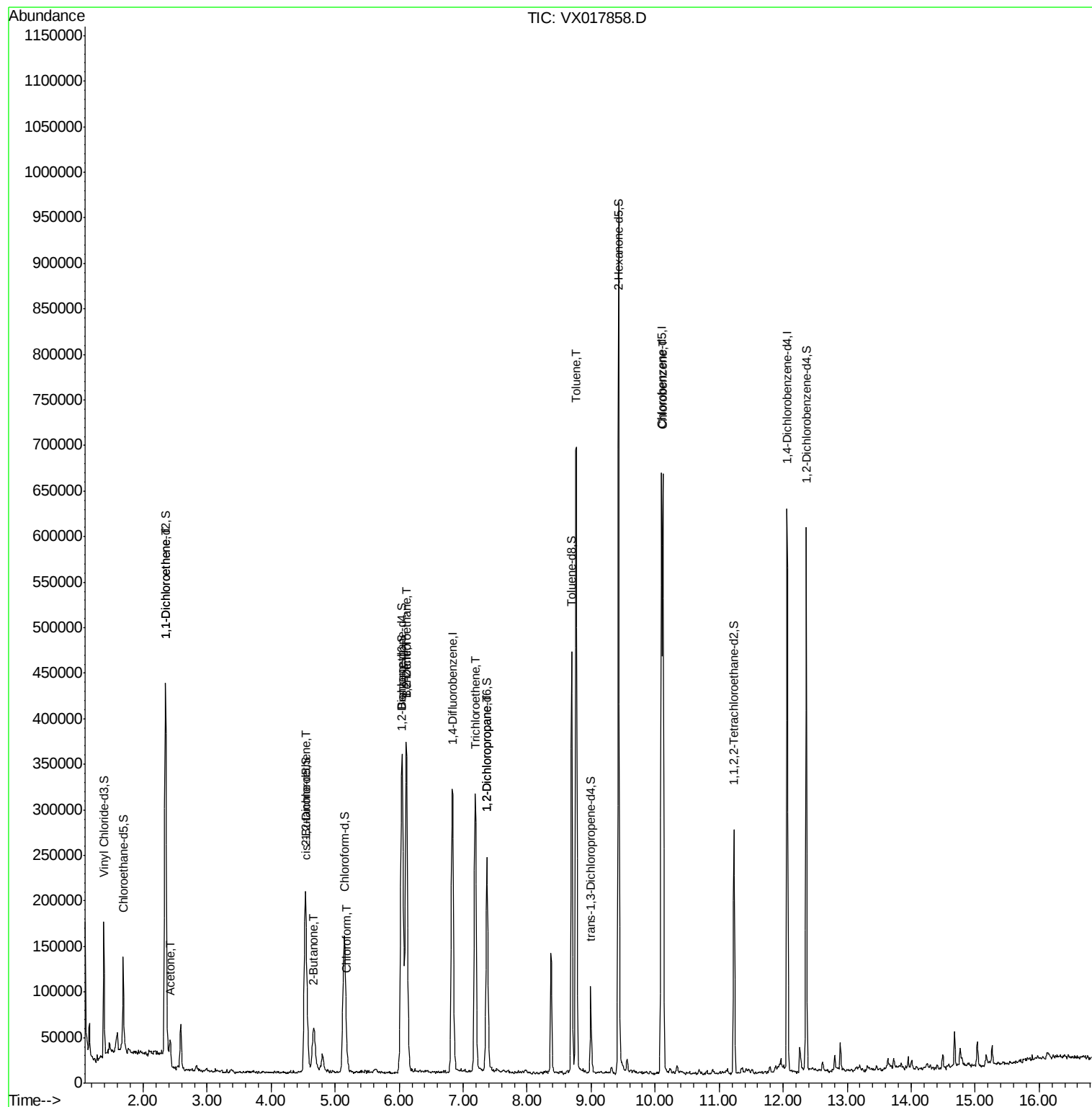
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.35	96	95752	3.973	ug/L #	86
13) Acetone	2.42	43	34236	8.120	ug/L	100
21) 2-Butanone	4.65	43	9565	1.314	ug/L	92
22) cis-1,2-Dichloroethene	4.55	96	7122	0.248	ug/L #	44
25) Chloroform	5.18	83	19879	0.378	ug/L	88
27) 1,2-Dichloroethane	6.12	62	4674	0.139	ug/L	97
33) Benzene	6.11	78	433730	4.359	ug/L	100
34) Trichloroethene	7.19	95	115964	3.993	ug/L	94
37) 1,2-Dichloropropane	7.37	63	14714	0.588	ug/L #	91
42) Toluene	8.76	91	457374	4.235	ug/L	99
53) Chlorobenzene	10.12	112	283915	4.038	ug/L	98

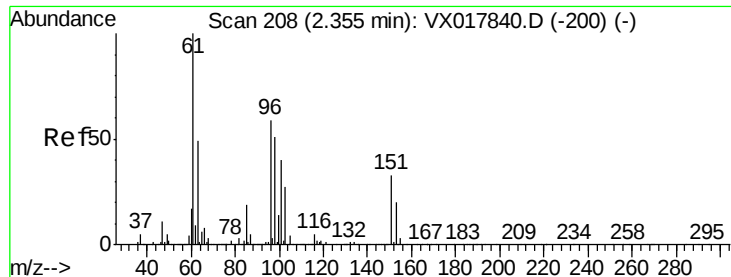
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 07:12:14 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.973 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampled :

GAYB8DL

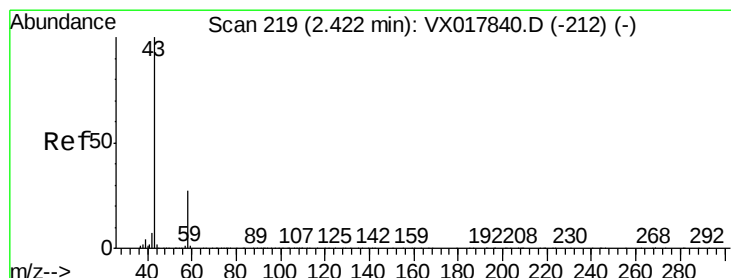
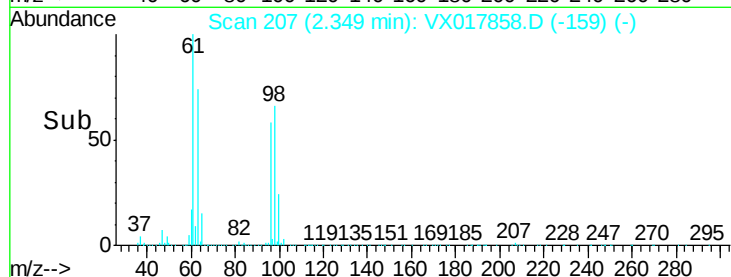
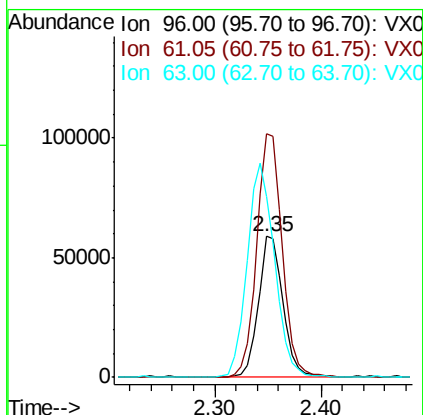
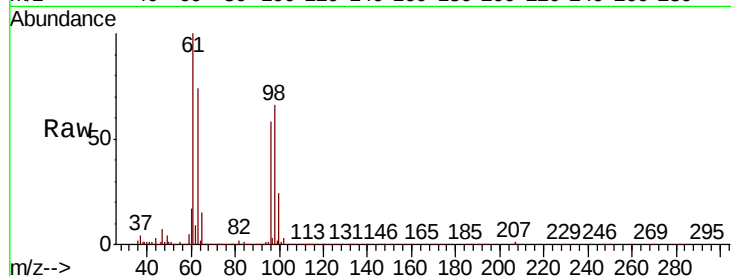
Tot Ion: 96 Resp: 95752

Ion Ratio Lower Upper

96 100

61 172.6 123.5 229.3

63 128.4 67.0 124.4#



#13

Acetone

Concen: 8.120 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017858.D

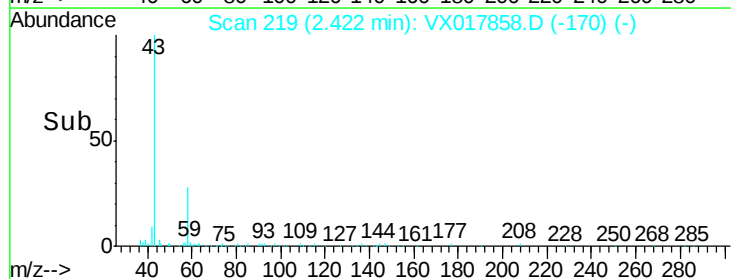
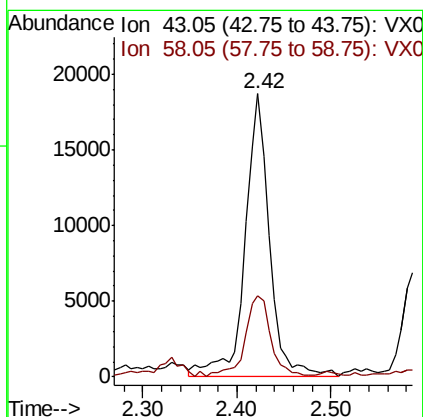
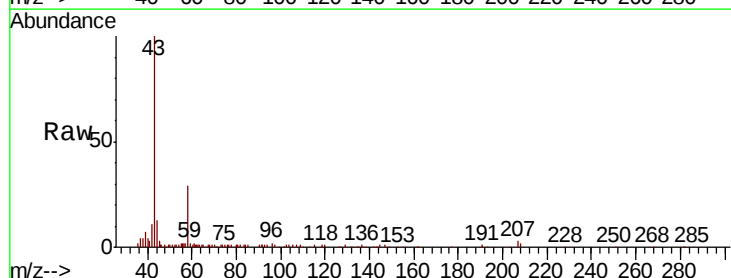
Acq: 10 Aug 2020 18:33

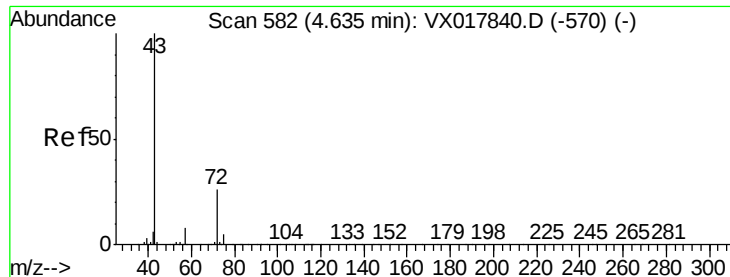
Tgt Ion: 43 Resp: 34236

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.8





#21

2-Butanone

Concen: 1.314 ug/L

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

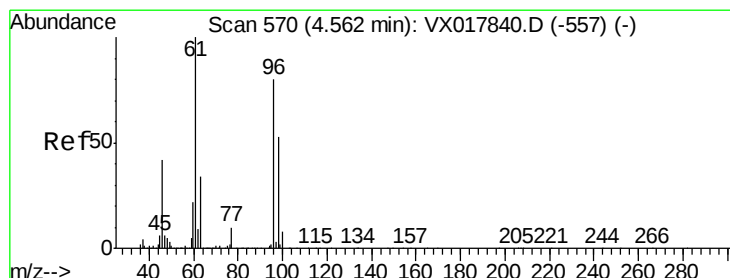
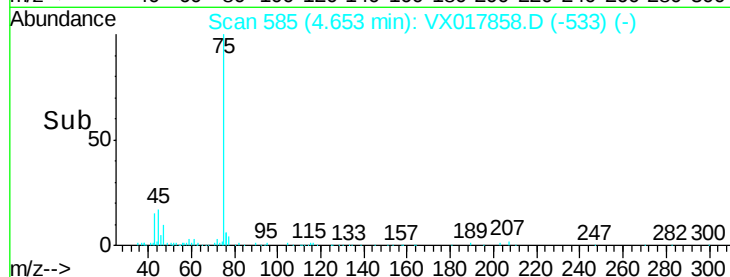
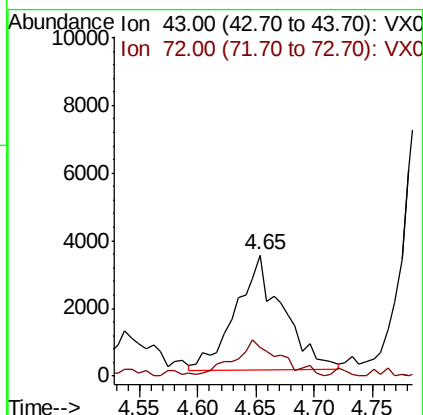
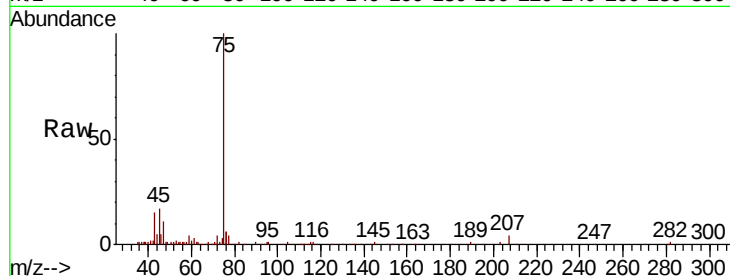
GAYB8DL

Tot Ion: 43 Resp: 9565

Ion Ratio Lower Upper

43 100

72 30.3 13.2 39.6



#22

cis-1,2-Dichloroethene

Concen: 0.248 ug/L

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

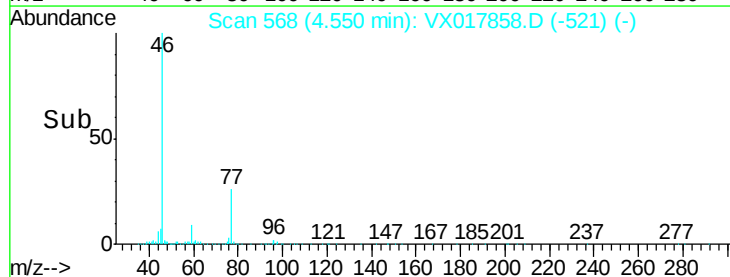
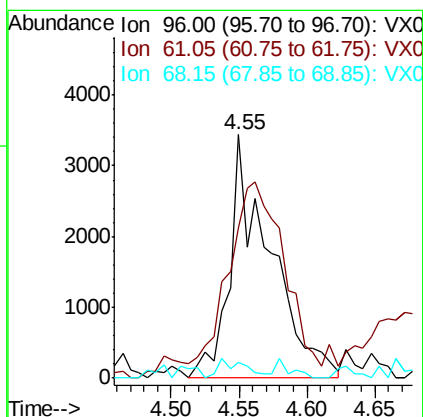
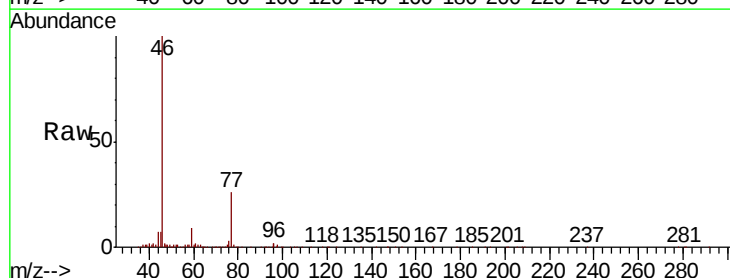
Tgt Ion: 96 Resp: 7122

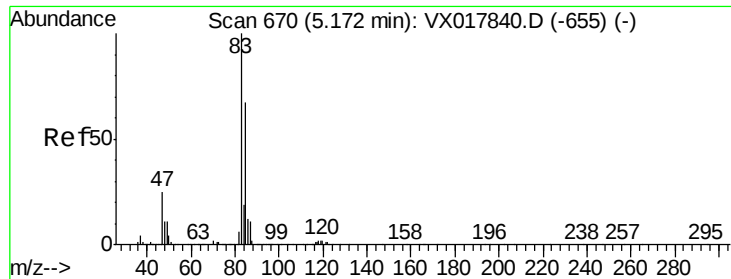
Ion Ratio Lower Upper

96 100

61 61.9 88.8 165.0#

68 6.5 0.2 0.4#





#25

Chloroform

Concen: 0.378 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

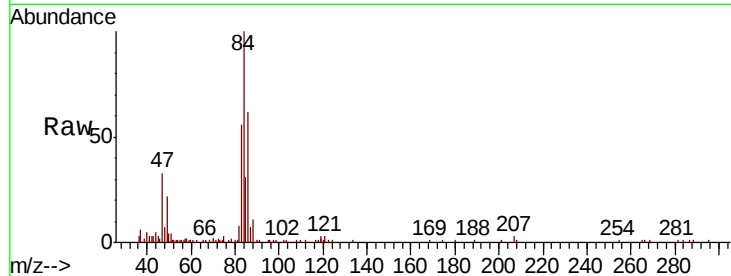
GAYB8DL

Tot Ion: 83 Resp: 19879

Ion Ratio Lower Upper

83 100

85 54.7 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

8000

6000

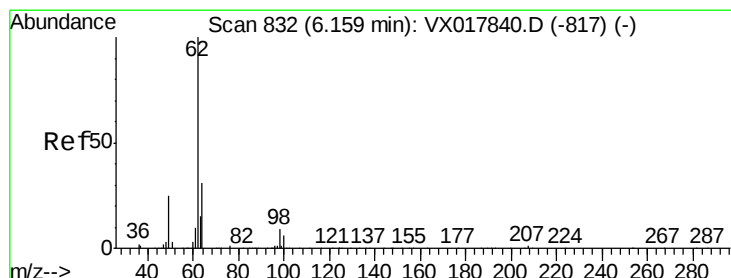
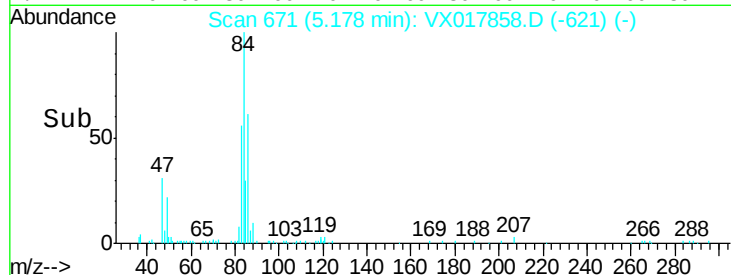
4000

2000

0

5.10 5.20 5.30

Time-->



#27

1,2-Dichloroethane

Concen: 0.139 ug/L

RT: 6.12 min Scan# 825

Delta R.T. -0.04 min

Lab File: VX017858.D

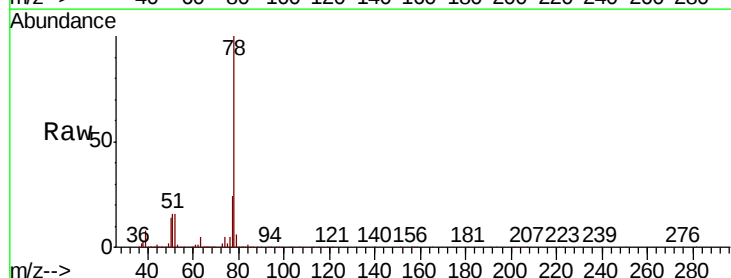
Acq: 10 Aug 2020 18:33

Tgt Ion: 62 Resp: 4674

Ion Ratio Lower Upper

62 100

98 7.2 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

6.12

1500

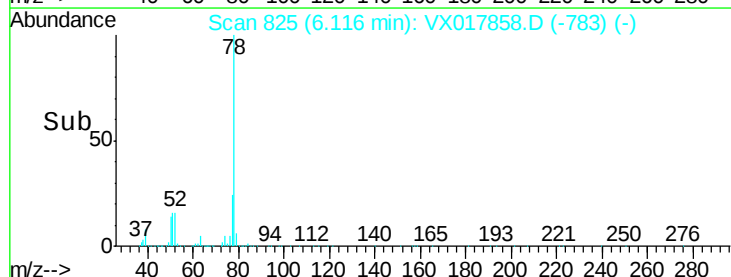
1000

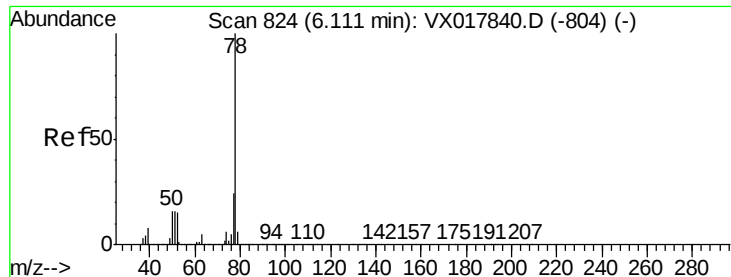
500

0

6.05 6.10 6.15 6.20

Time-->





#33

Benzene

Concen: 4.359 ug/L

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

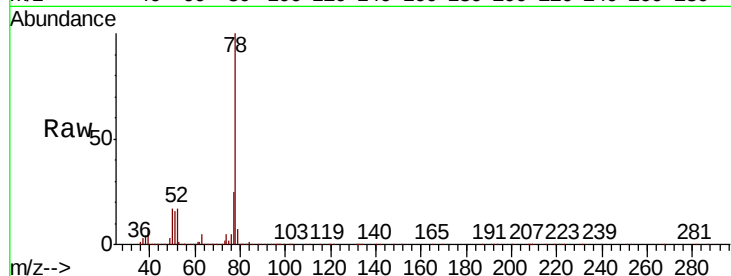
Instrument :

MSVOA_X

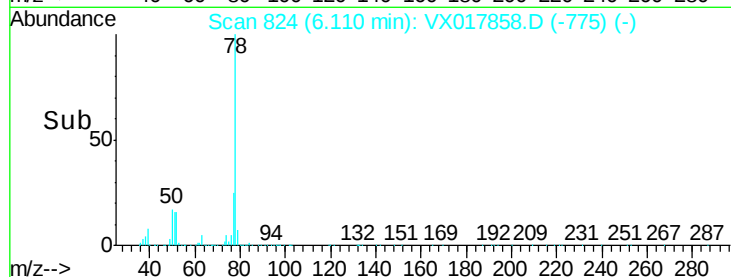
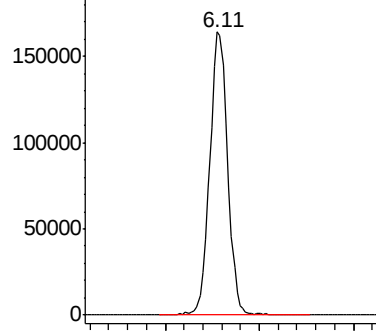
ClientSampleId :

GAYB8DL

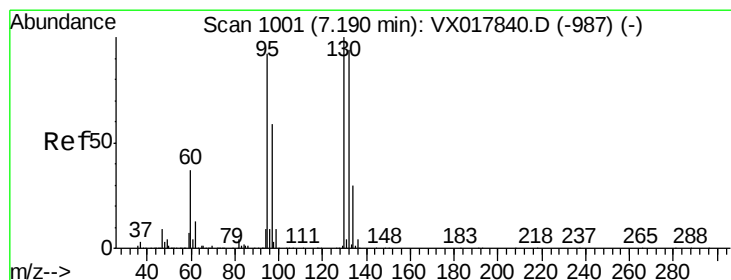
Tgt Ion: 78 Resp: 433730



Abundance Ion 78.10 (77.80 to 78.80): VX0



Time-->



#34

Trichloroethene

Concen: 3.993 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

Tgt Ion: 95 Resp: 115964

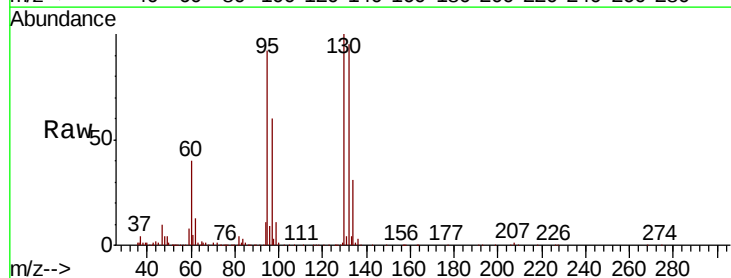
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.1	85.5
132	103.4	66.0	122.6
130	108.3	71.7	133.1

Abundance Ion 95.00 (94.70 to 95.70): VX0

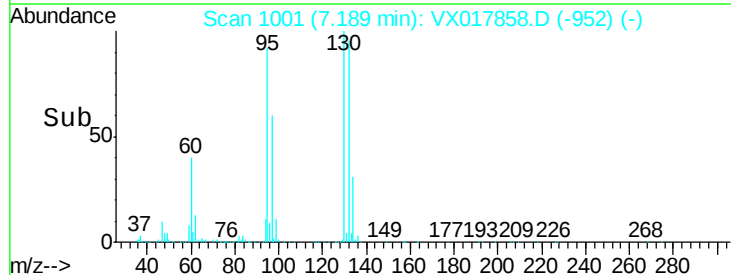
Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

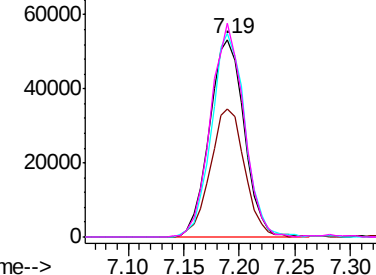
Ion 129.95 (129.65 to 130.65): V

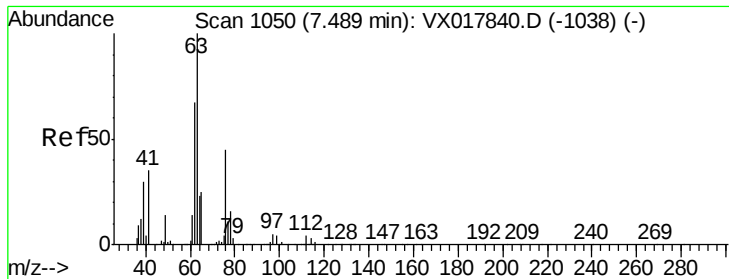


Abundance Ion 95.00 (94.70 to 95.70): VX0



Time-->

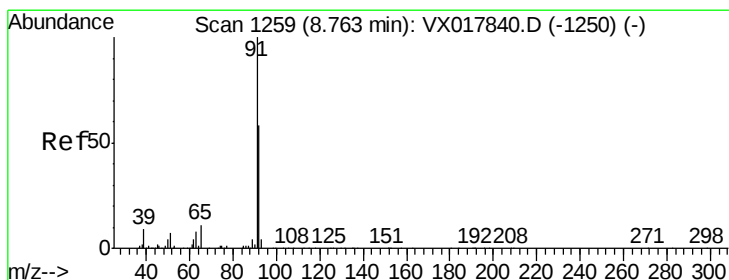
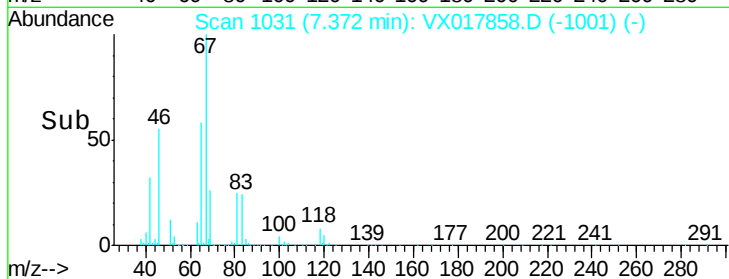
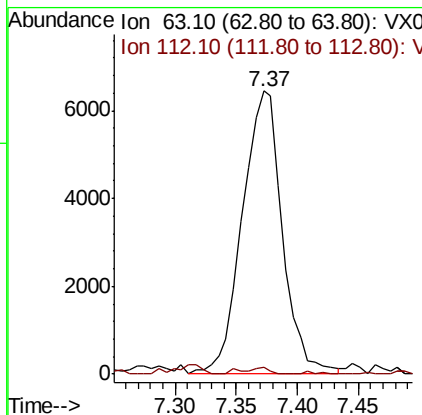
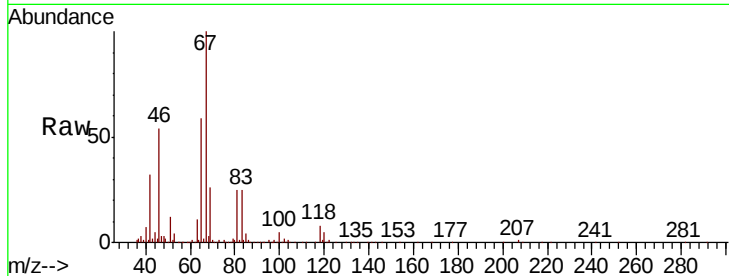




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX017858.D
 Acq: 10 Aug 2020 18:33

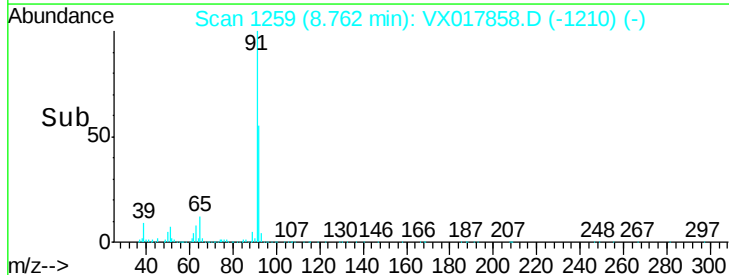
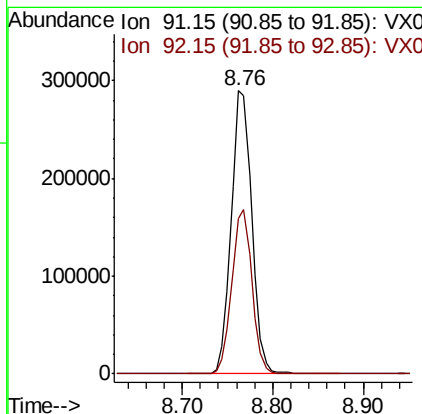
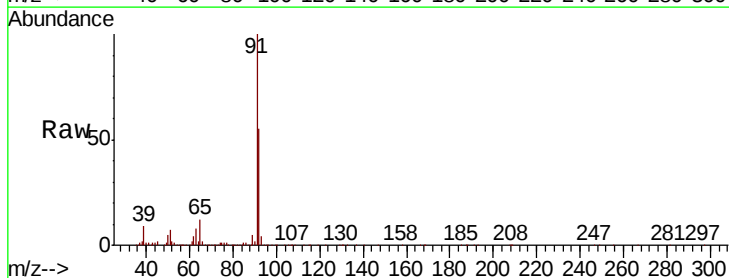
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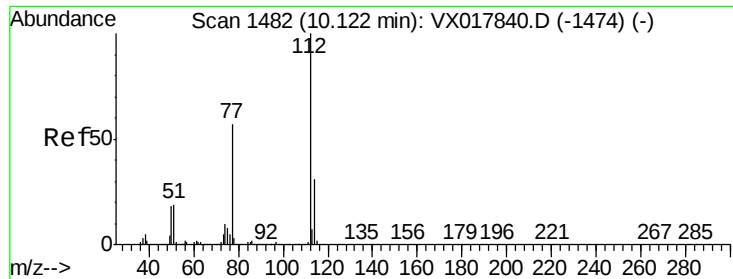
Tot Ion: 63 Resp: 14714
 Ion Ratio Lower Upper
 63 100
 112 1.5 3.6 5.4#



#42
 Toluene
 Concen: 4.235 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017858.D
 Acq: 10 Aug 2020 18:33

Tgt Ion: 91 Resp: 457374
 Ion Ratio Lower Upper
 91 100
 92 54.7 38.8 72.0





#53

Chlorobenzene

Concen: 4.038 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017858.D

Acq: 10 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

GAYB8DL

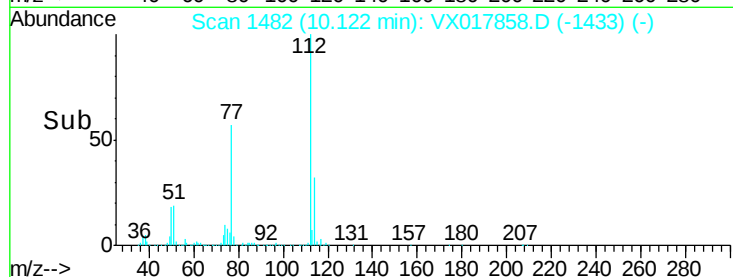
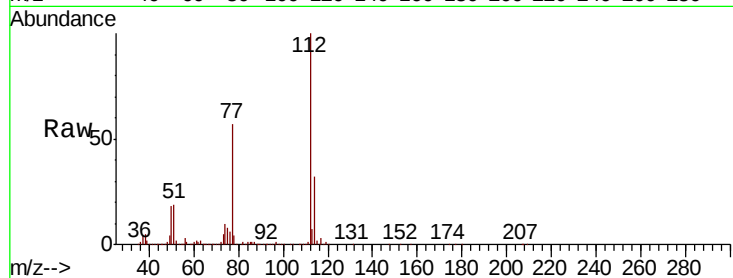
Tot Ion:112 Resp: 283915

Ion Ratio Lower Upper

112 100

114 32.4 23.5 43.7

77 56.8 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

