

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031020.D
 Acq On : 15 May 2023 10:36
 Operator : SY/MD
 Sample : 02790-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 12:16:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

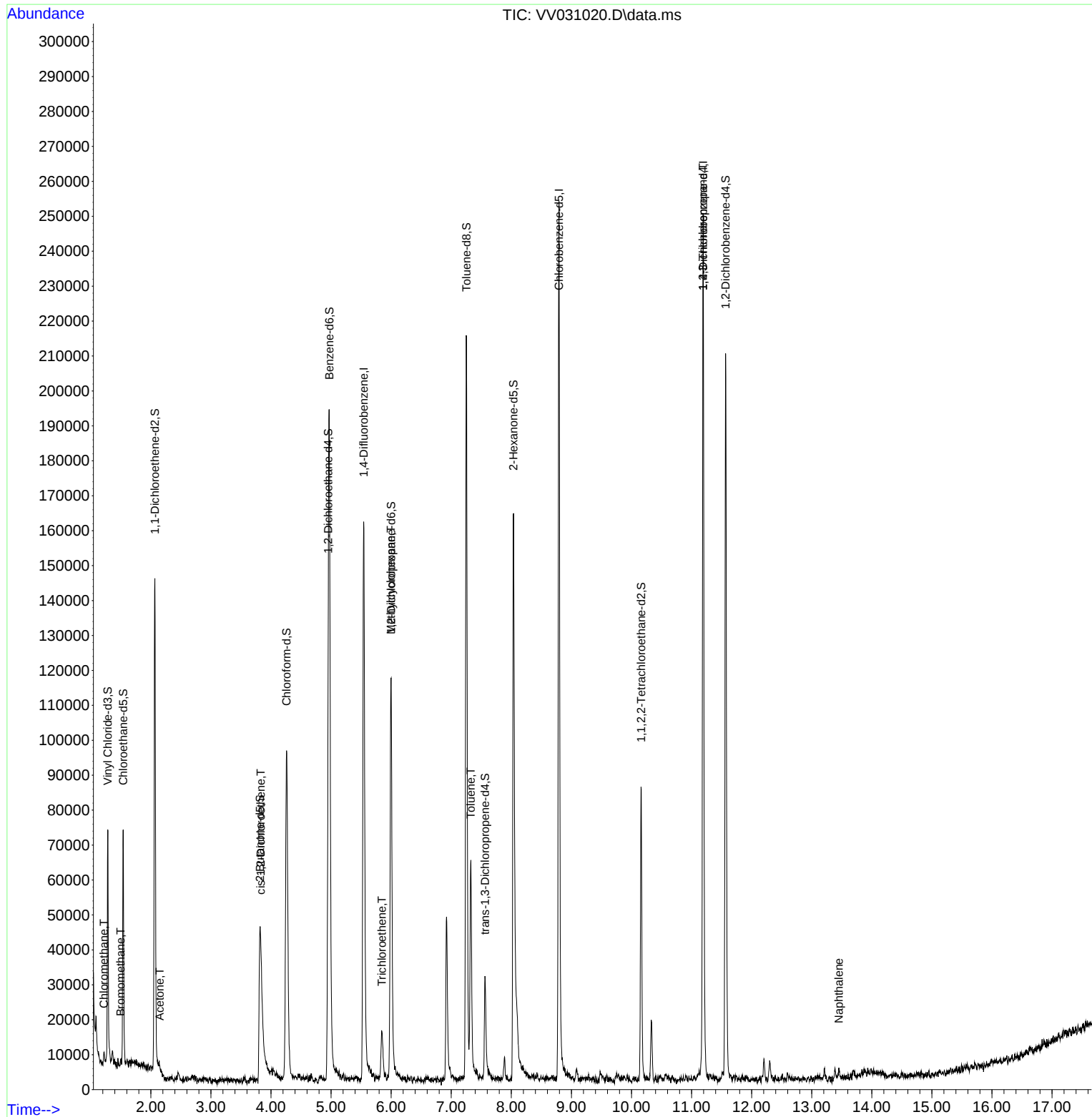
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	141118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	137295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43235	3.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.539	69	41282	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.066	65	23677	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.818	46	86959	42.177	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.360%
24) Chloroform-d	4.259	84	99699	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.953	65	51740	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.970	84	170106	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.998	67	49025	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.252	98	145307	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.564	79	17651	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.034	63	57814	37.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.240%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	34918	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	56902	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2332	0.178	ug/L	91
6) Bromomethane	1.497	94	491	0.094	ug/L	74
13) Acetone	2.147	43	3873	2.199	ug/L	88
22) cis-1,2-Dichloroethene	3.828	96	2892	0.316	ug/L	88
34) Trichloroethene	5.844	95	5252	0.571	ug/L	91
35) Methylcyclohexane	5.995	83	13091	0.918	ug/L #	19
42) Toluene	7.323	91	45129	1.214	ug/L	98
61) 1,2,3-Trichloropropane	11.191	75	7312	1.649	ug/L #	60
71) Naphthalene	13.452	128	1930	0.113	ug/L #	87

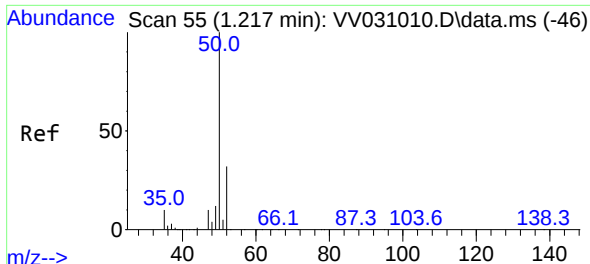
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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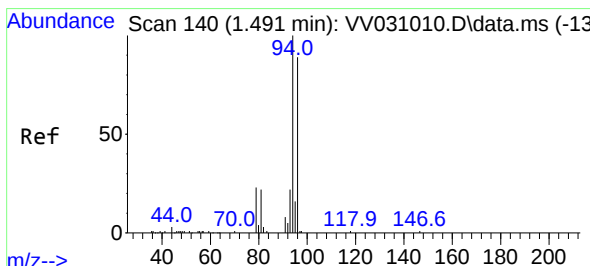
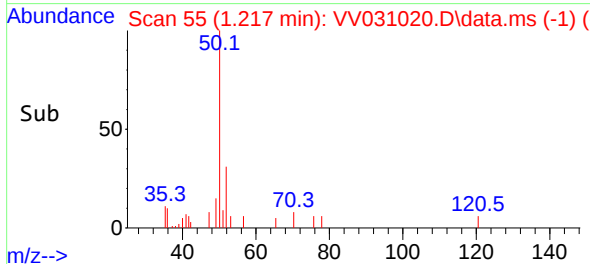
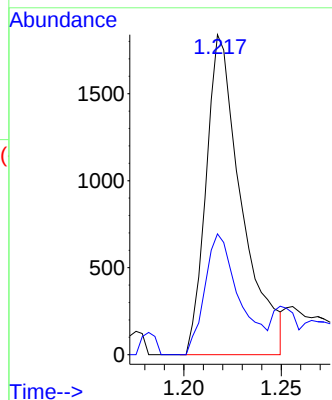
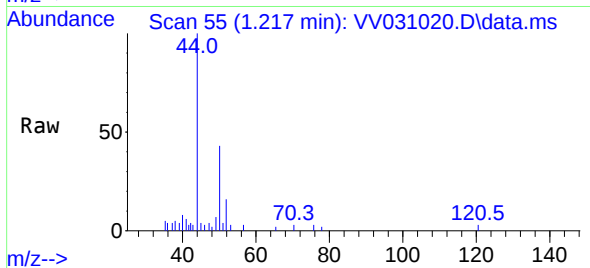




#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031020.D
Acq: 15 May 2023 10:36

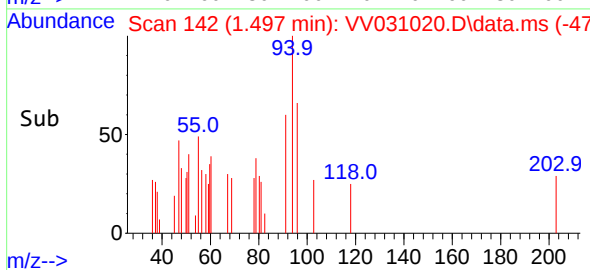
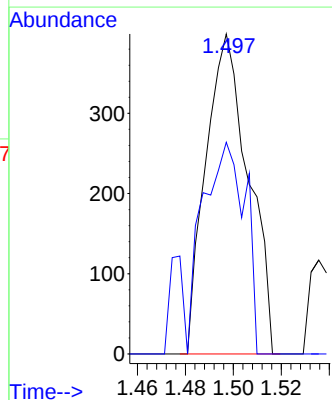
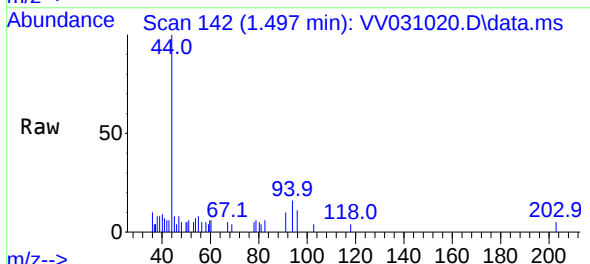
Instrument :
MSVOA_V
ClientSampleId :

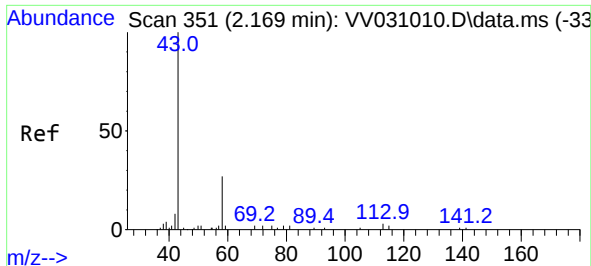
Tgt Ion: 50 Resp: 2332
Ion Ratio Lower Upper
50 100
52 37.7 22.8 42.4



#6
Bromomethane
Concen: 0.094 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV031020.D
Acq: 15 May 2023 10:36

Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 66.2 63.4 117.8





#13

Acetone

Concen: 2.199 ug/L

RT: 2.147 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV031020.D

Acq: 15 May 2023 10:36

Instrument :

MSVOA_V

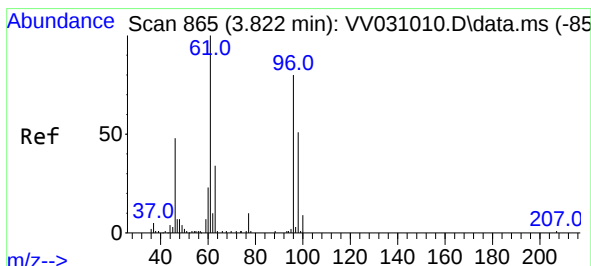
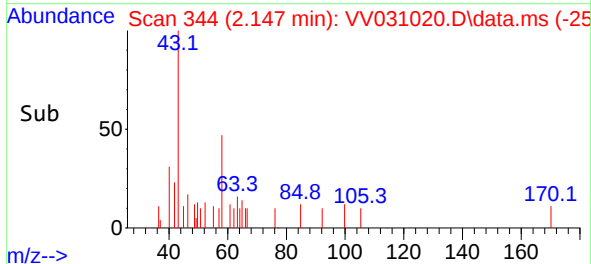
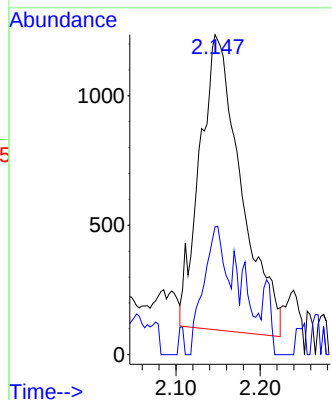
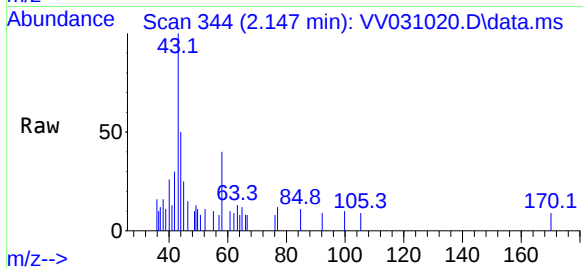
ClientSampleId :

Tgt Ion: 43 Resp: 3873

Ion Ratio Lower Upper

43 100

58 24.0 0.0 37.0



#22

cis-1,2-Dichloroethene

Concen: 0.316 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031020.D

Acq: 15 May 2023 10:36

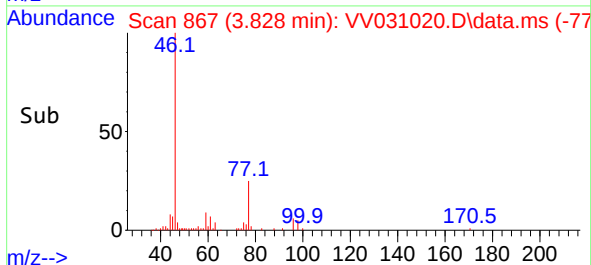
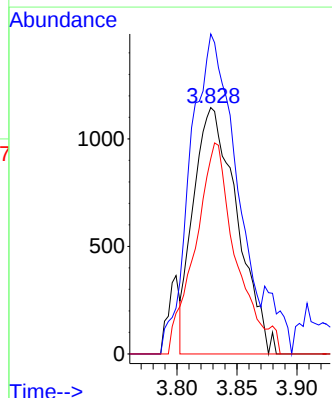
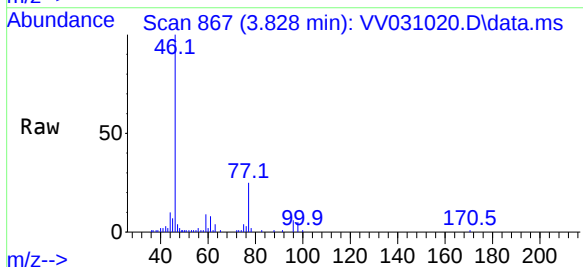
Tgt Ion: 96 Resp: 2892

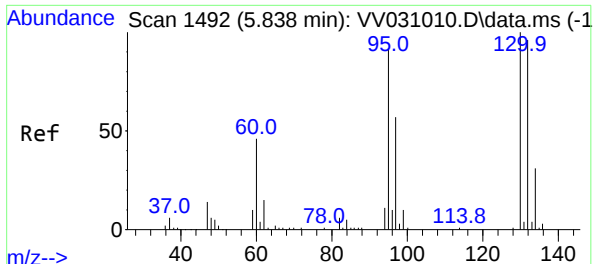
Ion Ratio Lower Upper

96 100

61 129.8 86.0 159.6

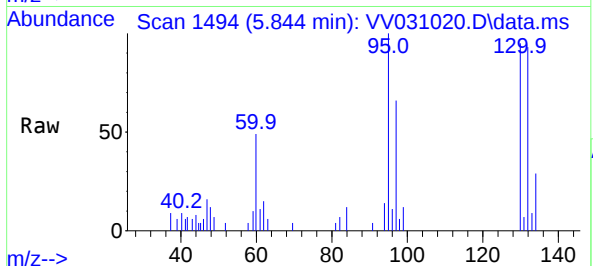
98 79.2 43.2 80.2





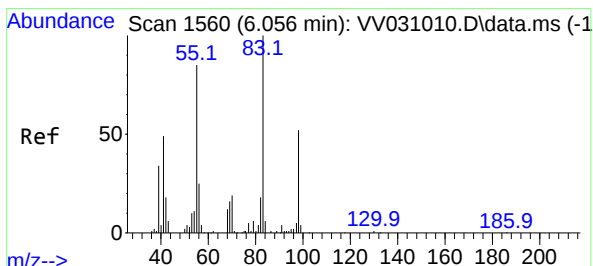
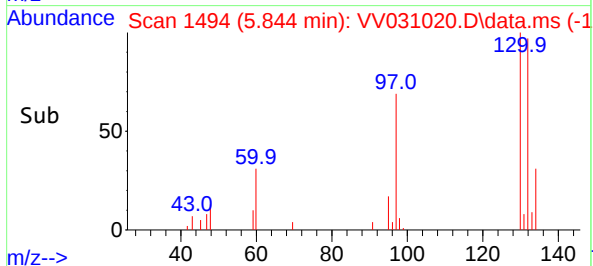
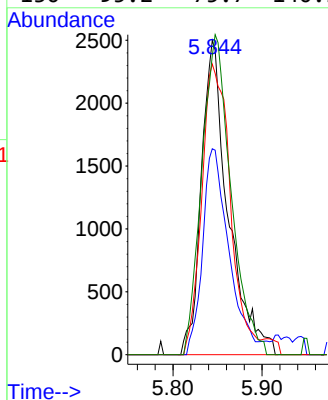
#34
Trichloroethene
Concen: 0.571 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031020.D
Acq: 15 May 2023 10:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 5252

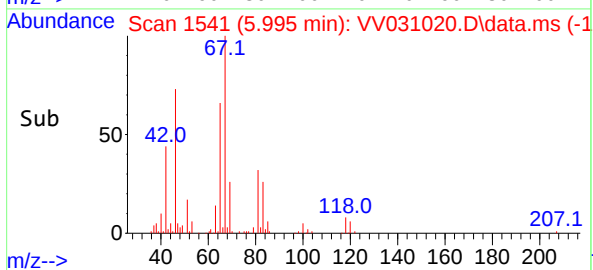
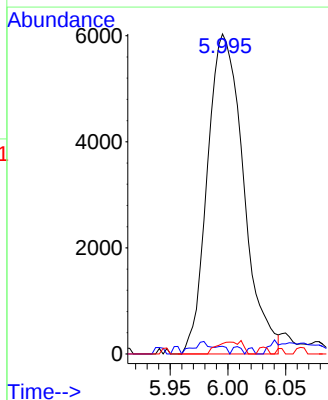
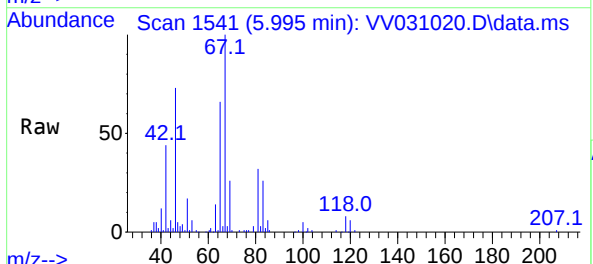
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.2	85.8
132	92.5	72.7	135.1
130	95.2	75.7	140.5

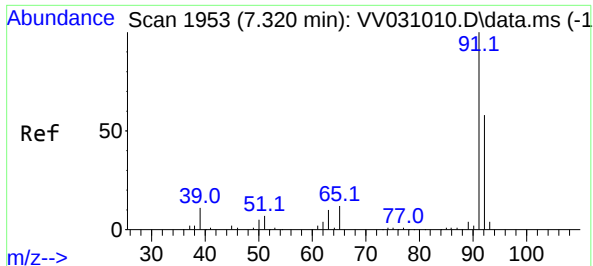


#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031020.D
Acq: 15 May 2023 10:36

Tgt Ion: 83 Resp: 13091

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.9	94.3#
98	2.7	40.5	60.7#





#42

Toluene

Concen: 1.214 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031020.D

Acq: 15 May 2023 10:36

Instrument :

MSVOA_V

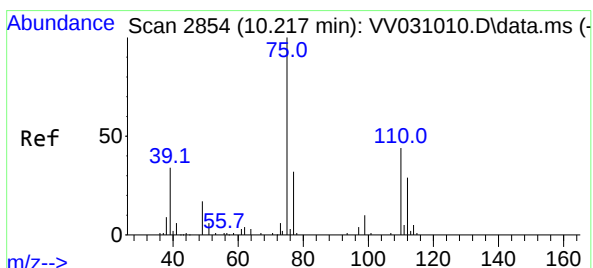
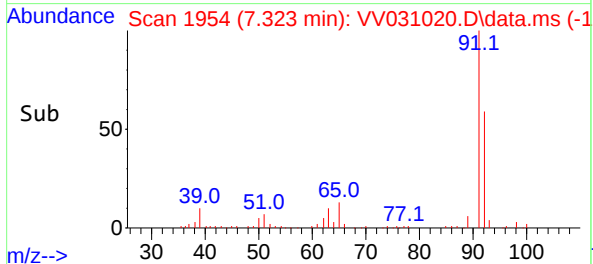
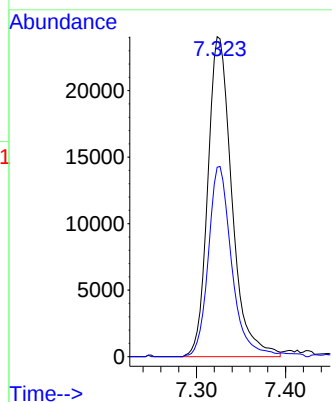
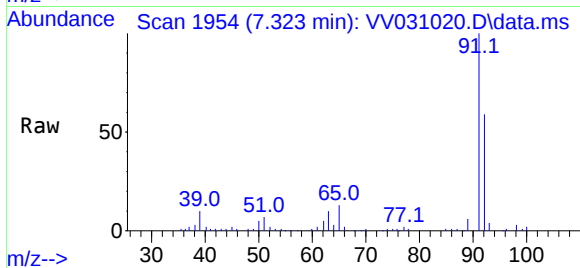
ClientSampleId :

Tgt Ion: 91 Resp: 45129

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.1



#61

1,2,3-Trichloropropane

Concen: 1.649 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031020.D

Acq: 15 May 2023 10:36

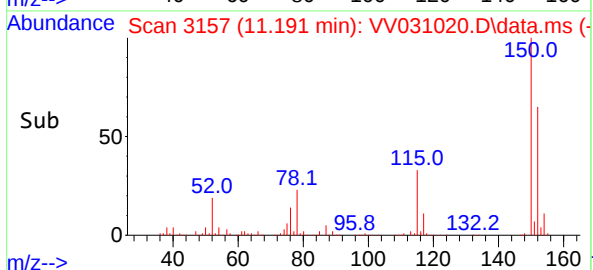
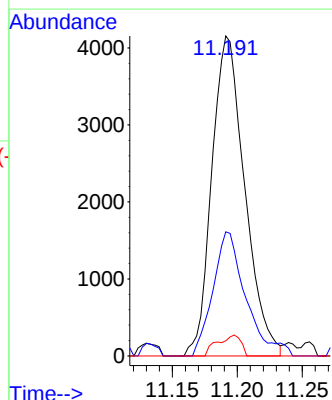
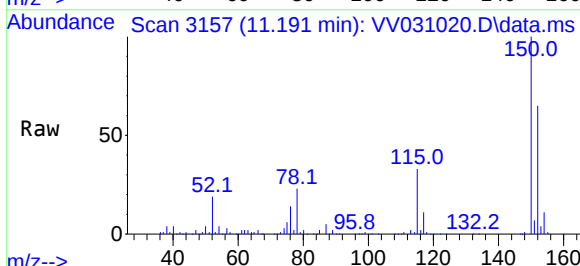
Tgt Ion: 75 Resp: 7312

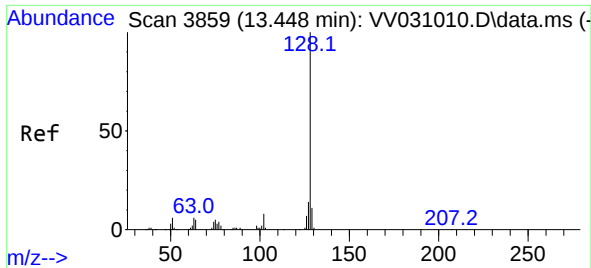
Ion Ratio Lower Upper

75 100

77 38.7 25.3 37.9#

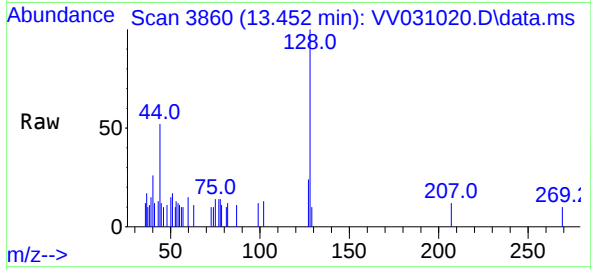
110 4.6 34.0 51.0#





#71
Naphthalene
Concen: 0.113 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031020.D
Acq: 15 May 2023 10:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1930
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	13.2	10.6	16.0

