

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031900.D
 Acq On : 24 Aug 2023 10:58
 Operator : SY/MD
 Sample : 04115-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

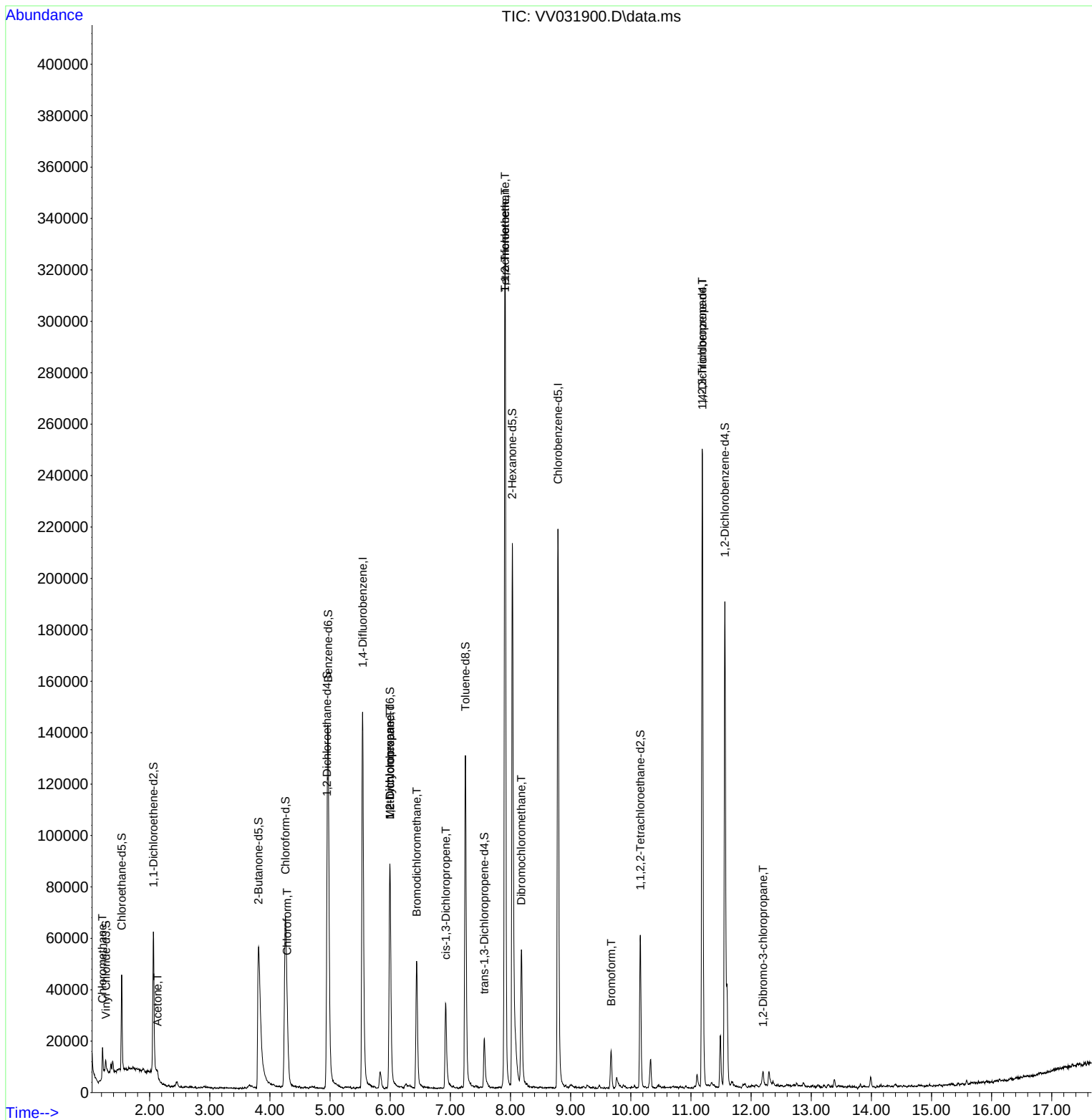
Quant Time: Aug 24 12:44:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

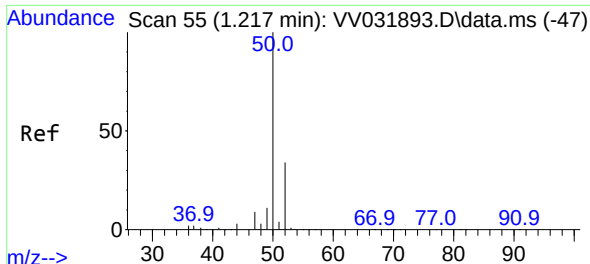
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126948	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	124	0.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.600%#
7) Chloroethane-d5	1.535	69	23007	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.063	65	9406	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.809	46	103952	50.084	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.160%
24) Chloroform-d	4.256	84	65737	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.950	65	34770	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.966	84	130663	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.995	67	44172	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.249	98	88771	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.564	79	12763	3.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.030	63	78482	42.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.960%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30766	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	46363	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	6802	0.876	ug/L	100
13) Acetone	2.130	43	2999	2.452	ug/L	96
25) Chloroform	4.288	83	22284	1.639	ug/L	99
35) Methylcyclohexane	5.995	83	10931	0.942	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	5165	0.687	ug/L #	87
38) Bromodichloromethane	6.439	83	34310	3.527	ug/L	97
39) cis-1,3-Dichloropropene	6.924	75	1269	0.111	ug/L #	63
45) 1,1,2-Trichloroethane	7.908	97	814	0.151	ug/L #	1
47) Tetrachloroethene	7.908	164	74378	14.604	ug/L	98
49) Dibromochloromethane	8.181	129	27108	4.836	ug/L	95
59) Bromoform	9.673	173	6384	2.197	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	8316	1.836	ug/L #	70
68) 1,2-Dibromo-3-chloropr...	12.197	75	283	0.276	ug/L #	9

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

Quant Time: Aug 24 12:44:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
Response via : Initial Calibration

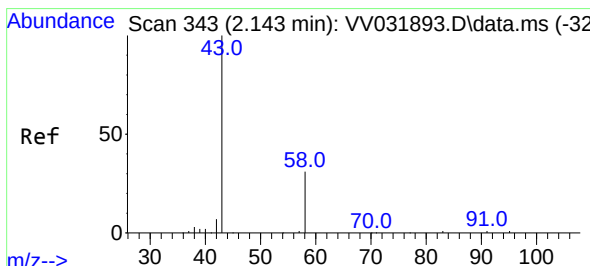
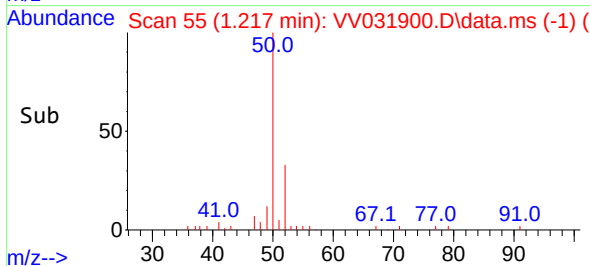
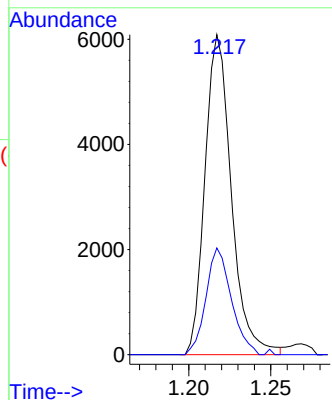
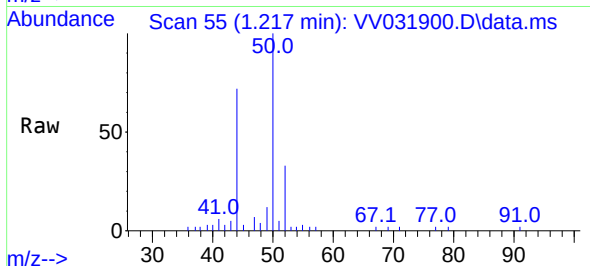




#3
Chloromethane
Concen: 0.876 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

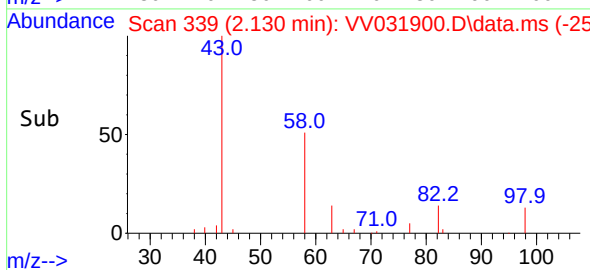
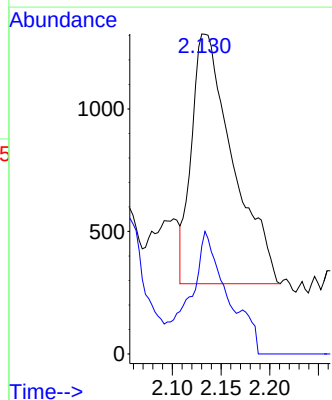
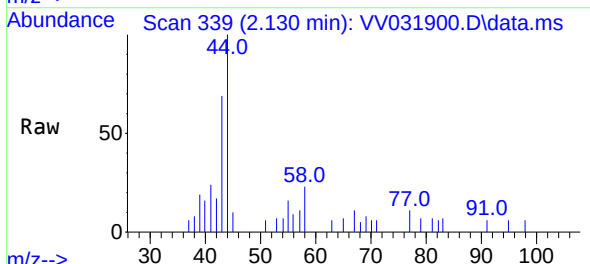
Instrument :
MSVOA_V
ClientSampleId :

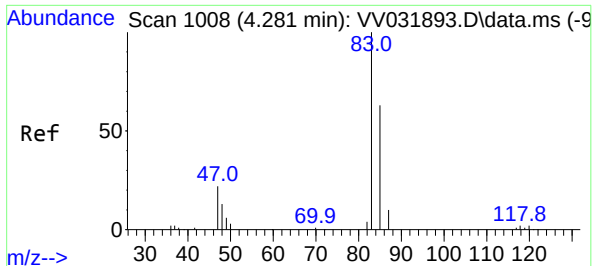
Tgt Ion: 50 Resp: 6802
Ion Ratio Lower Upper
50 100
52 33.3 23.3 43.3



#13
Acetone
Concen: 2.452 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.013 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

Tgt Ion: 43 Resp: 2999
Ion Ratio Lower Upper
43 100
58 20.5 0.0 37.0





#25

Chloroform

Concen: 1.639 ug/L

RT: 4.288 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031900.D

Acq: 24 Aug 2023 10:58

Instrument :

MSVOA_V

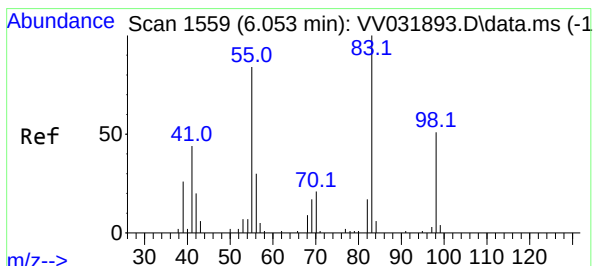
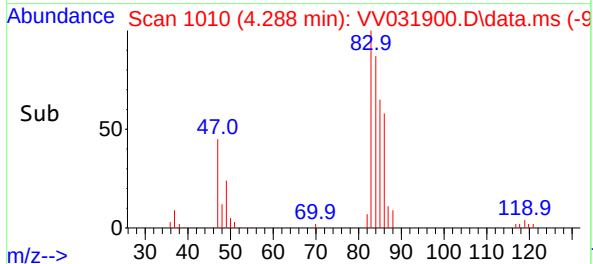
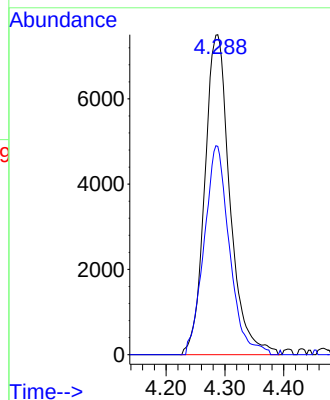
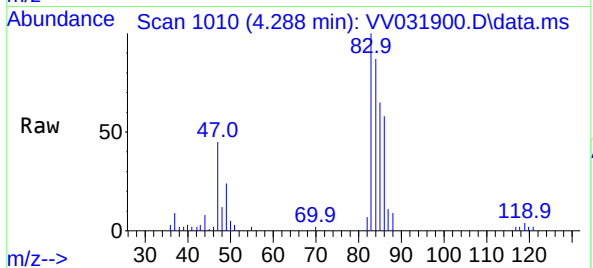
ClientSampleId :

Tgt Ion: 83 Resp: 22284

Ion Ratio Lower Upper

83 100

85 65.1 46.4 86.2



#35

Methylcyclohexane

Concen: 0.942 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031900.D

Acq: 24 Aug 2023 10:58

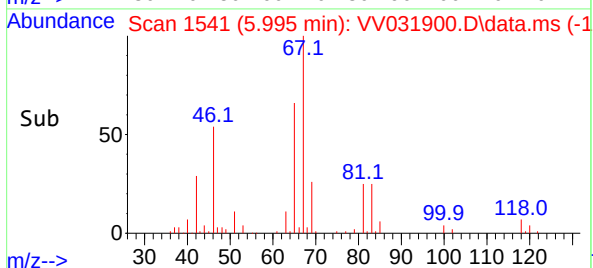
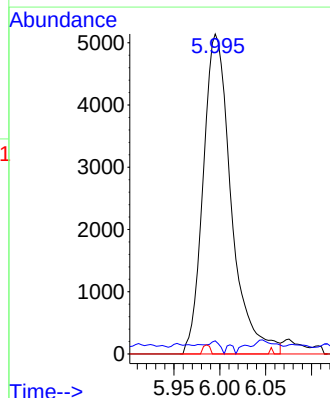
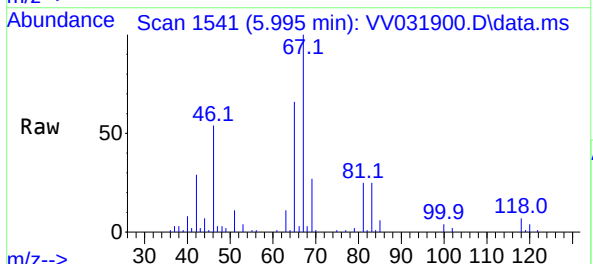
Tgt Ion: 83 Resp: 10931

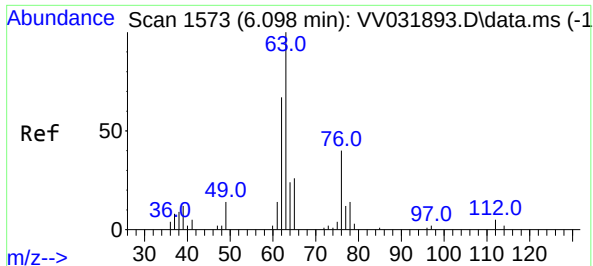
Ion Ratio Lower Upper

83 100

55 1.5 62.6 94.0#

98 0.7 37.8 56.8#

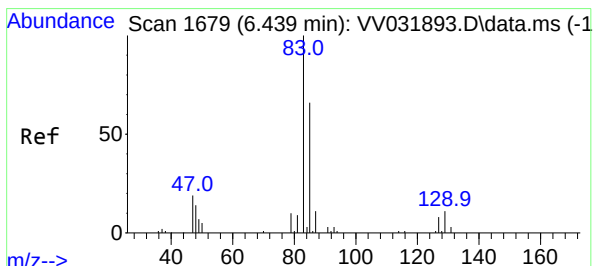
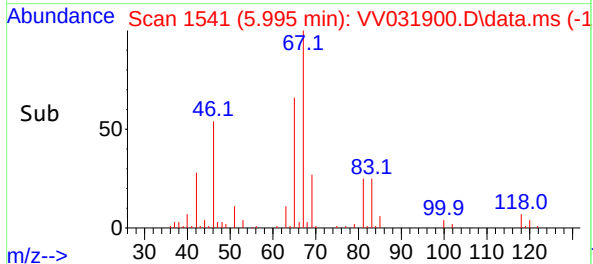
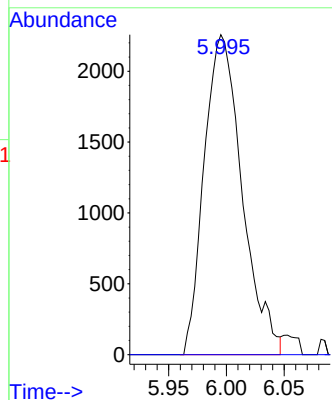
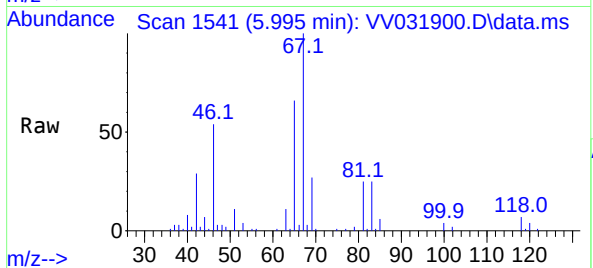




#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

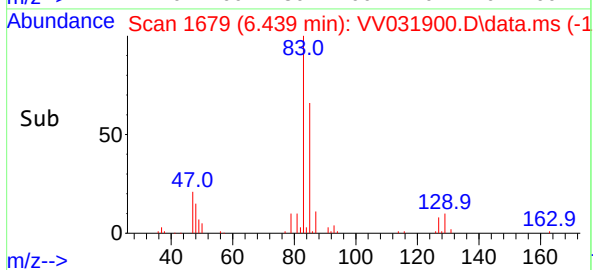
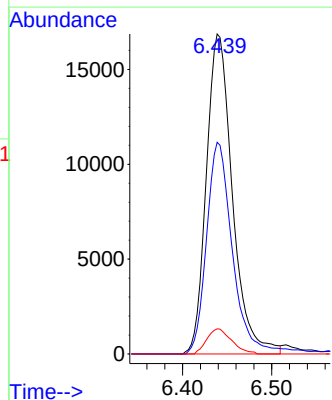
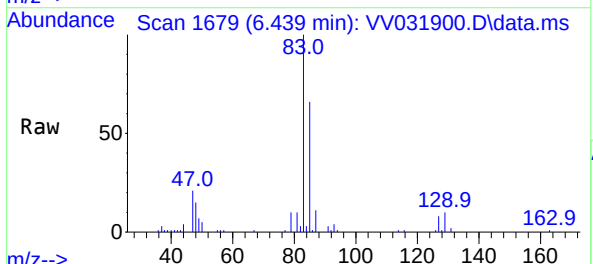
Instrument :
MSVOA_V
ClientSampleId :

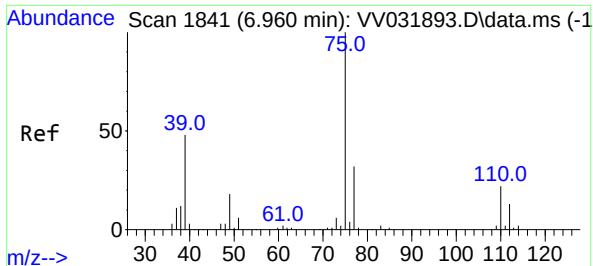
Tgt Ion: 63 Resp: 5165
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#38
Bromodichloromethane
Concen: 3.527 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

Tgt Ion: 83 Resp: 34310
Ion Ratio Lower Upper
83 100
85 66.1 44.4 82.4
127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV031900.D

Acq: 24 Aug 2023 10:58

Instrument :

MSVOA_V

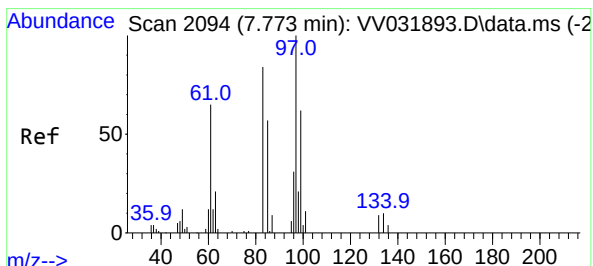
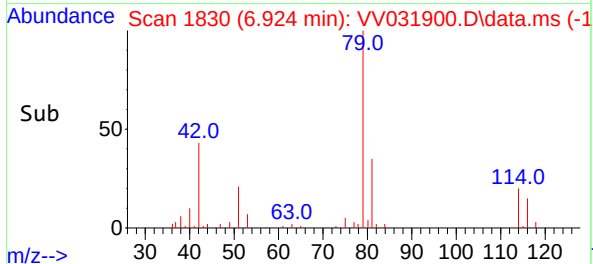
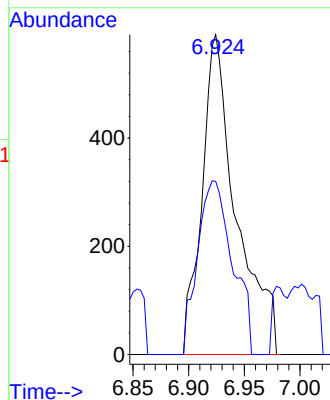
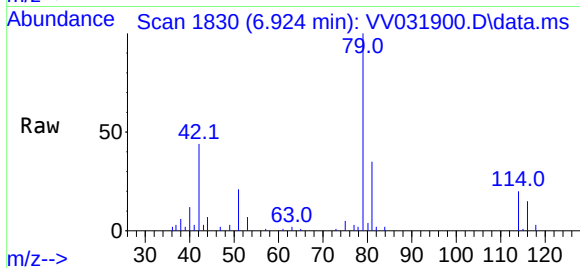
ClientSampleId :

Tgt Ion: 75 Resp: 1269

Ion Ratio Lower Upper

75 100

77 54.1 23.2 43.2#



#45

1,1,2-Trichloroethane

Concen: 0.151 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.135 min

Lab File: VV031900.D

Acq: 24 Aug 2023 10:58

Tgt Ion: 97 Resp: 814

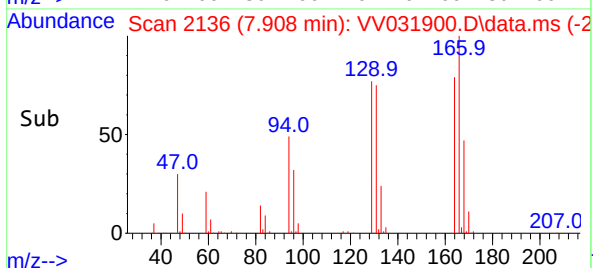
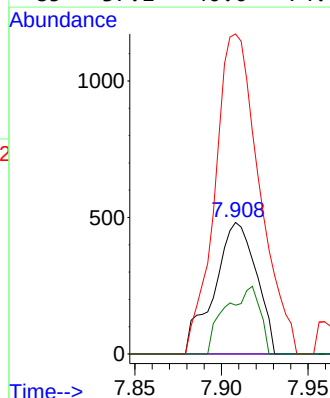
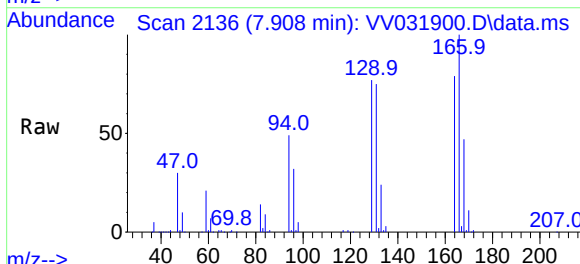
Ion Ratio Lower Upper

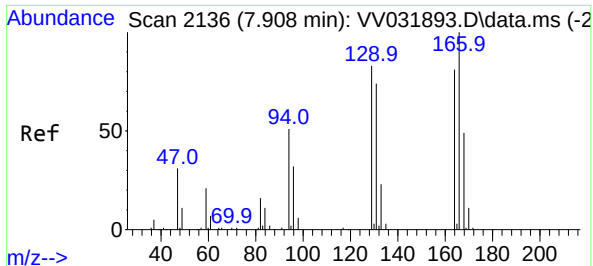
97 100

99 0.0 44.3 82.3#

83 243.2 62.7 116.5#

85 37.1 40.0 74.4#





#47

Tetrachloroethene

Concen: 14.604 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031900.D

Acq: 24 Aug 2023 10:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 74378

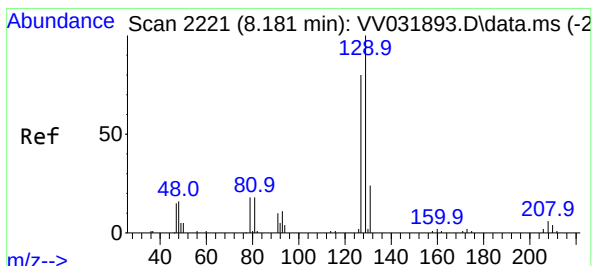
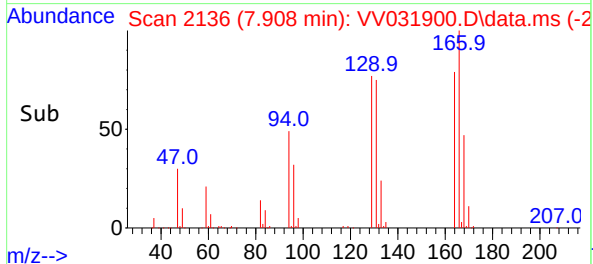
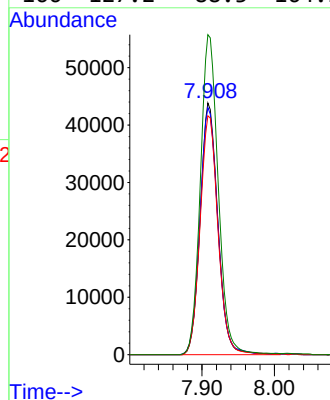
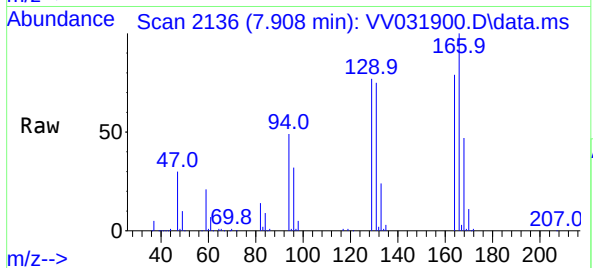
Ion Ratio Lower Upper

164 100

129 98.2 70.6 131.2

131 94.9 64.6 120.0

166 127.2 88.3 164.1



#49

Dibromochloromethane

Concen: 4.836 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. -0.000 min

Lab File: VV031900.D

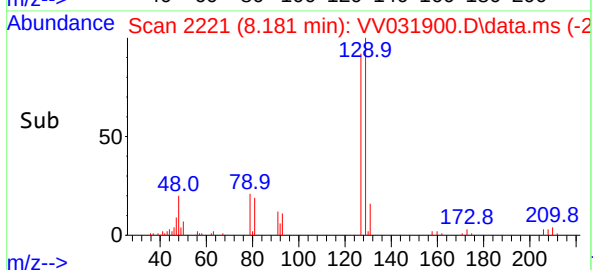
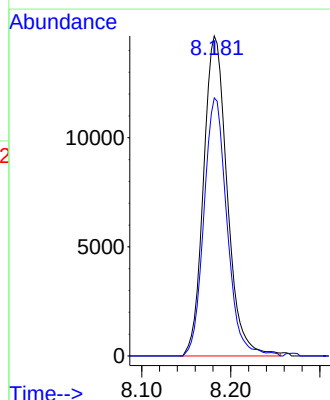
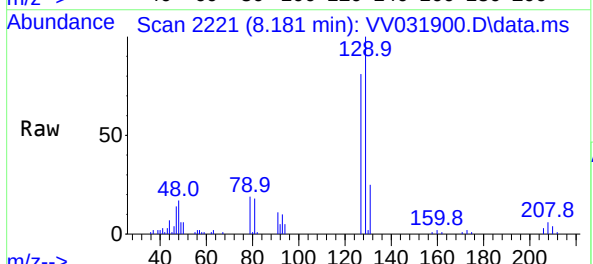
Acq: 24 Aug 2023 10:58

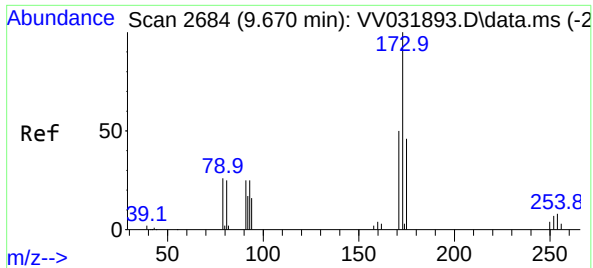
Tgt Ion:129 Resp: 27108

Ion Ratio Lower Upper

129 100

127 80.6 53.7 99.7

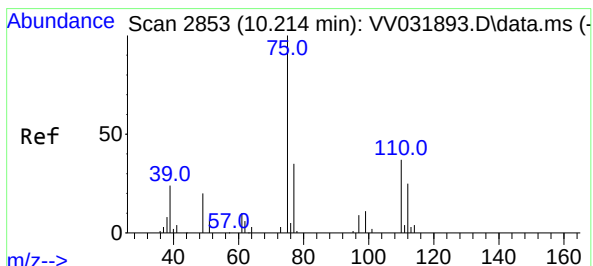
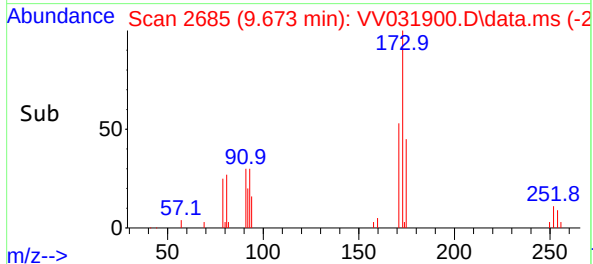
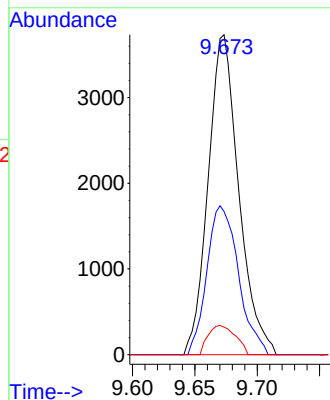
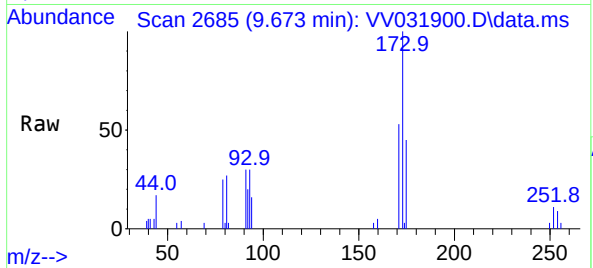




#59
Bromoform
Concen: 2.197 ug/L
RT: 9.673 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

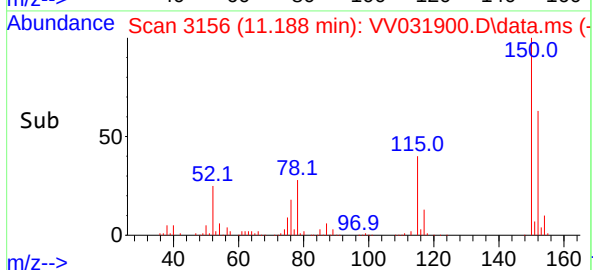
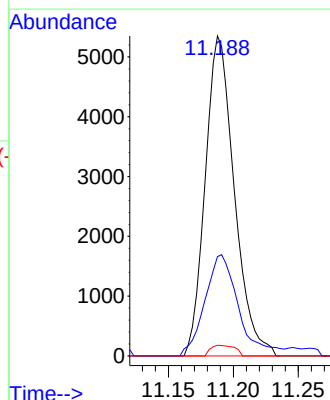
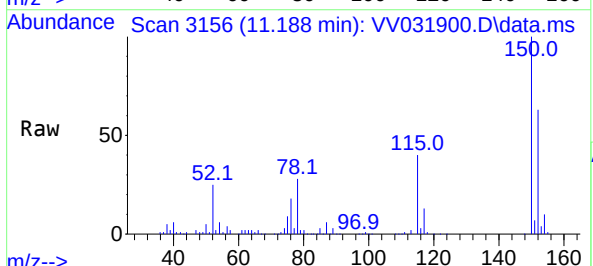
Instrument :
MSVOA_V
ClientSampleId :

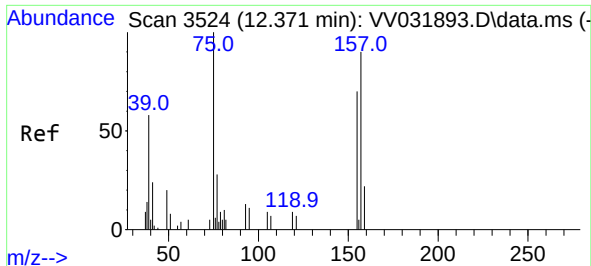
Tgt Ion:173 Resp: 6384
Ion Ratio Lower Upper
173 100
175 48.0 38.0 57.0
254 8.2 6.8 10.2



#61
1,2,3-Trichloropropane
Concen: 1.836 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

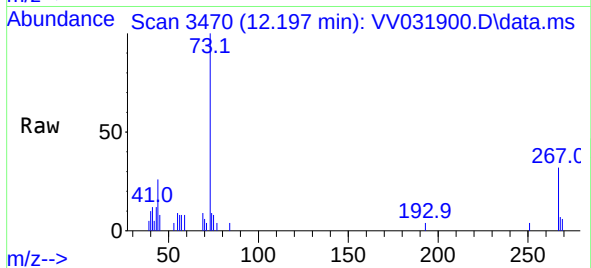
Tgt Ion: 75 Resp: 8316
Ion Ratio Lower Upper
75 100
77 36.8 28.8 43.2
110 2.8 30.2 45.2#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.276 ug/L
RT: 12.197 min Scan# 34
Delta R.T. -0.174 min
Lab File: VV031900.D
Acq: 24 Aug 2023 10:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 283
Ion Ratio Lower Upper
75 100
155 0.0 56.1 84.1#
157 0.0 71.1 106.7#

