

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031890.D
 Acq On : 24 Aug 2023 01:33
 Operator : SY/MD
 Sample : 04115-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:02:20 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)

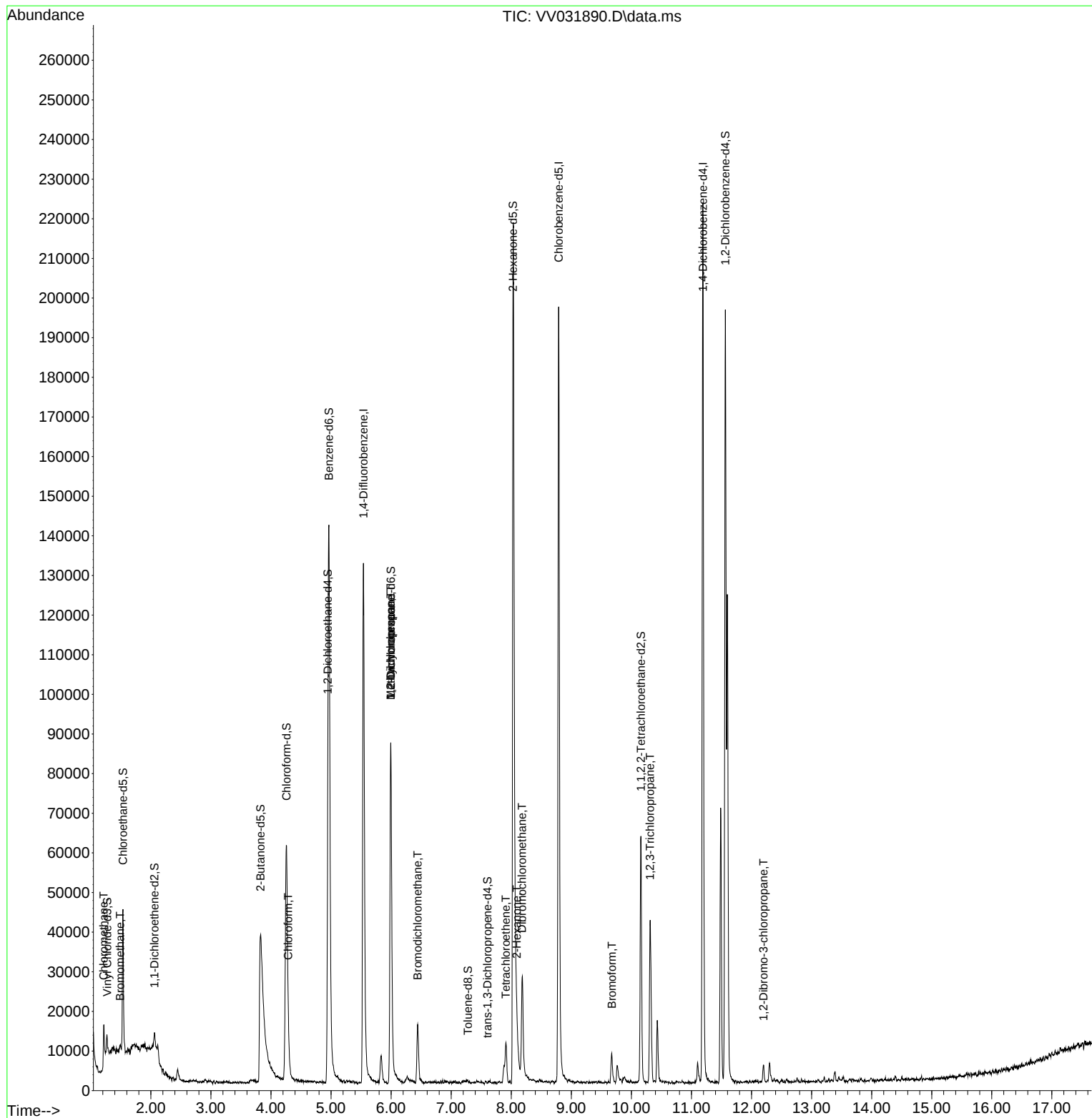
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	115321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	115	0.030	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.600%#
7) Chloroethane-d5	1.535	69	22995	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.059	65	924	0.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.000%#
20) 2-Butanone-d5	3.825	46	105671	56.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.100%
24) Chloroform-d	4.256	84	65308	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	35221	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.963	84	126859	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.995	67	44541	5.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.278	98	387	0.017	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	7.606	79	113	0.036	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.800%#
46) 2-Hexanone-d5	8.030	63	86804	52.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.080%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31530	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	46339	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	5480	0.777	ug/L	100
6) Bromomethane	1.487	94	446	0.099	ug/L	96
25) Chloroform	4.288	83	6091	0.493	ug/L	100
35) Methylcyclohexane	5.992	83	10891	1.039	ug/L #	20
37) 1,2-Dichloropropane	5.992	63	5227	0.770	ug/L #	87
38) Bromodichloromethane	6.442	83	10778	1.227	ug/L	94
47) Tetrachloroethene	7.908	164	2500	0.544	ug/L	82
48) 2-Hexanone	8.091	43	8585	2.702	ug/L #	79
49) Dibromochloromethane	8.181	129	12527	2.475	ug/L	99
59) Bromoform	9.673	173	3373	1.294	ug/L #	96
61) 1,2,3-Trichloropropane	10.310	75	671	0.165	ug/L #	42
68) 1,2-Dibromo-3-chloropr...	12.197	75	218	0.237	ug/L #	9

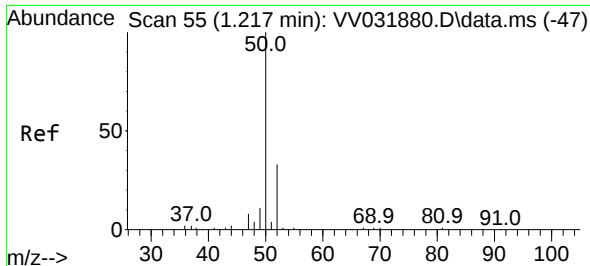
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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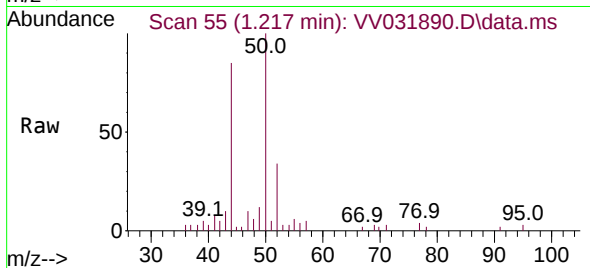
Quant Time: Aug 24 05:02:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
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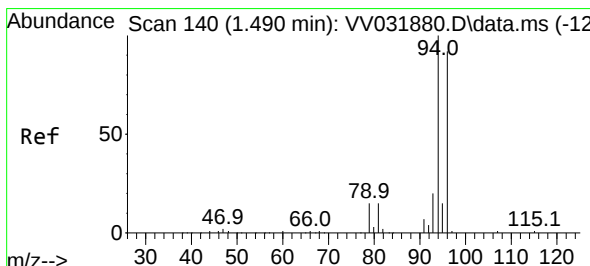
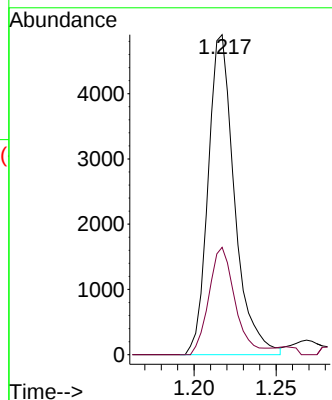
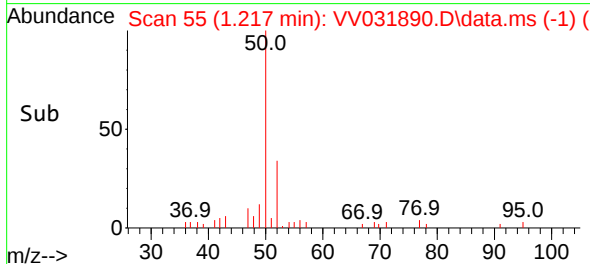


#3
Chloromethane
Concen: 0.777 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Instrument :
MSVOA_V
ClientSampleId :

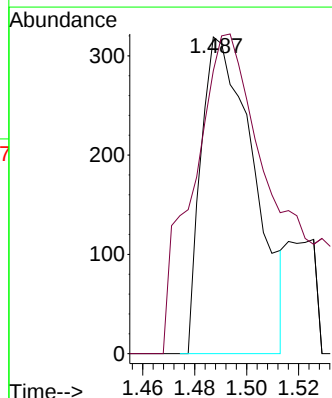
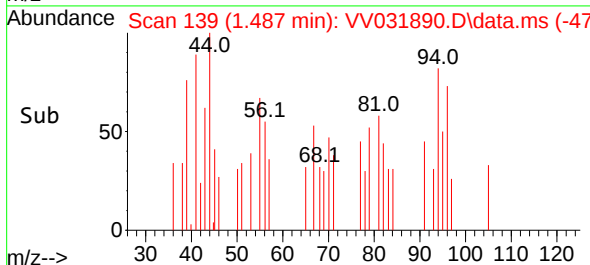
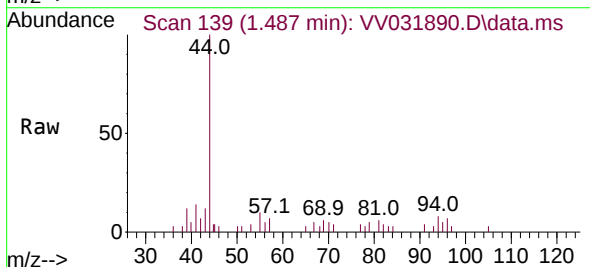


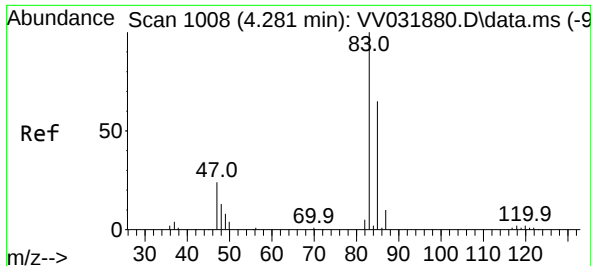
Tgt Ion: 50 Resp: 5480
Ion Ratio Lower Upper
50 100
52 33.6 23.3 43.3



#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 89.3 65.0 120.8

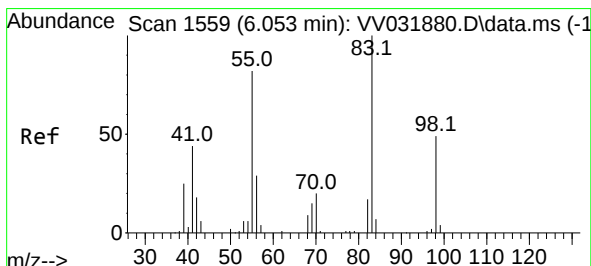
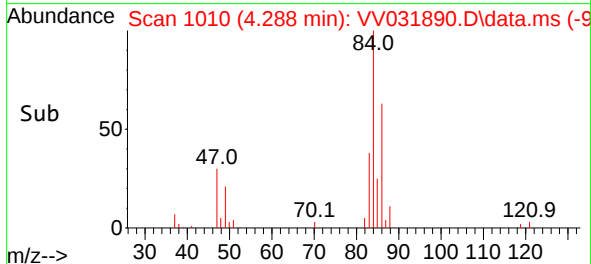
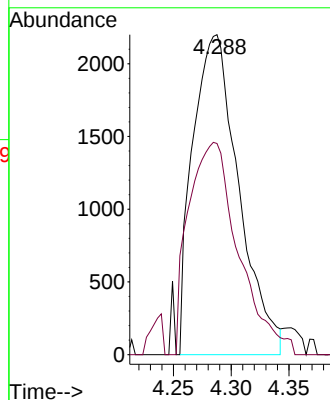
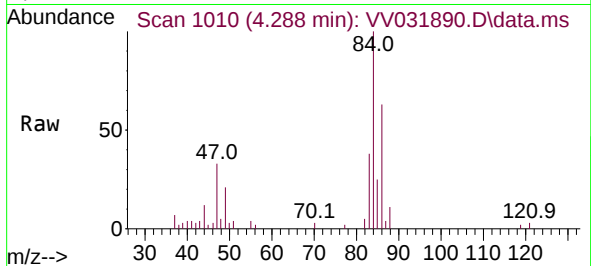




#25
Chloroform
Concen: 0.493 ug/L
RT: 4.288 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

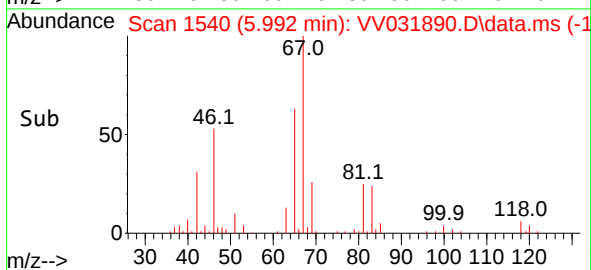
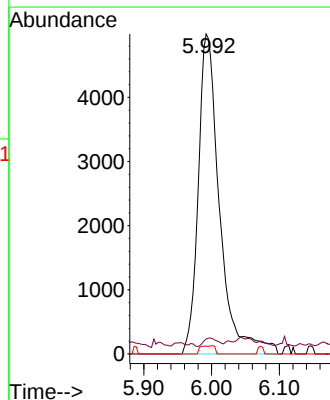
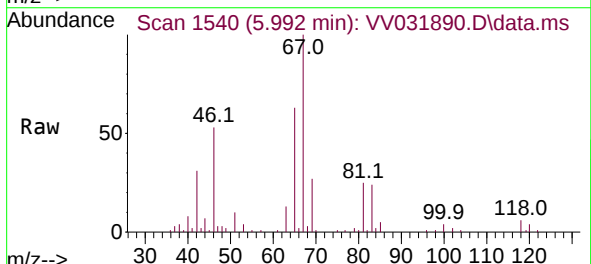
Instrument :
MSVOA_V
ClientSampleId :

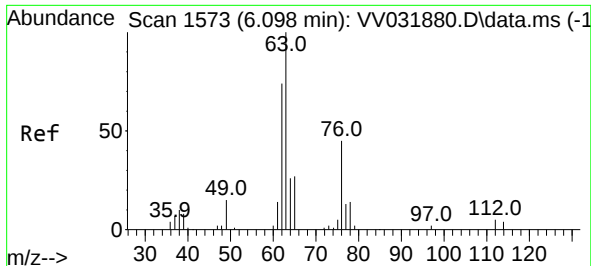
Tgt Ion: 83 Resp: 6091
Ion Ratio Lower Upper
83 100
85 66.0 46.4 86.2



#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Tgt Ion: 83 Resp: 10891
Ion Ratio Lower Upper
83 100
55 1.8 62.6 94.0#
98 1.7 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV031890.D

Acq: 24 Aug 2023 01:33

Instrument :

MSVOA_V

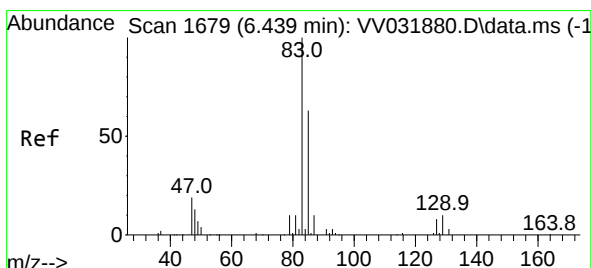
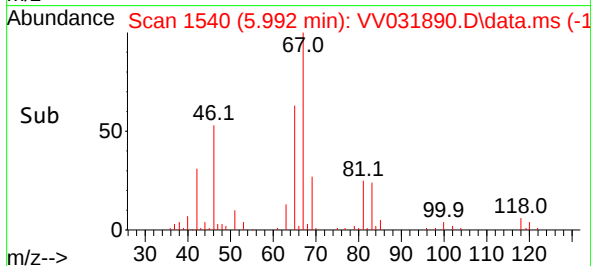
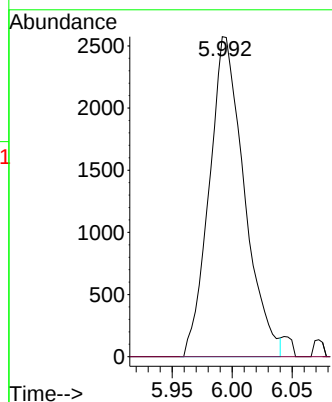
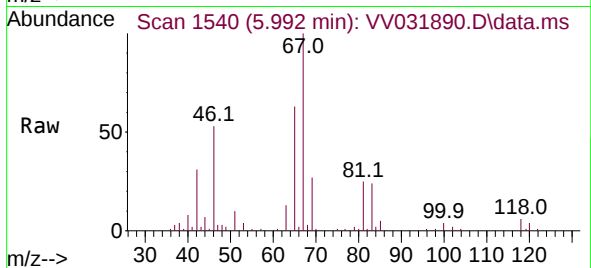
ClientSampleId :

Tgt Ion: 63 Resp: 5227

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 1.227 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031890.D

Acq: 24 Aug 2023 01:33

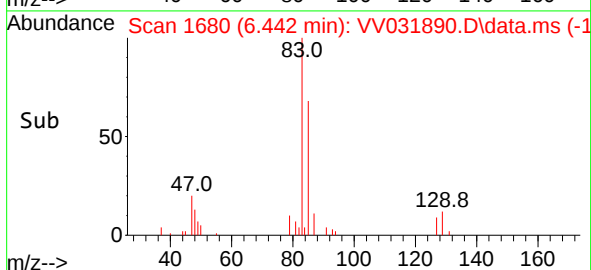
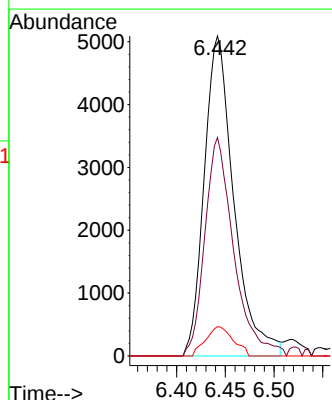
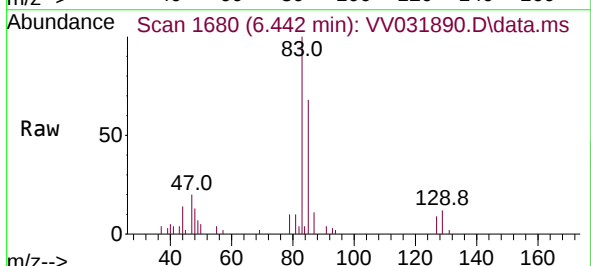
Tgt Ion: 83 Resp: 10778

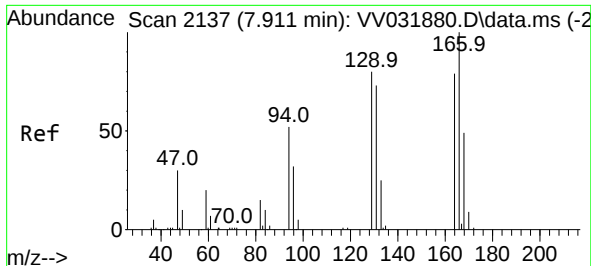
Ion Ratio Lower Upper

83 100

85 68.2 44.4 82.4

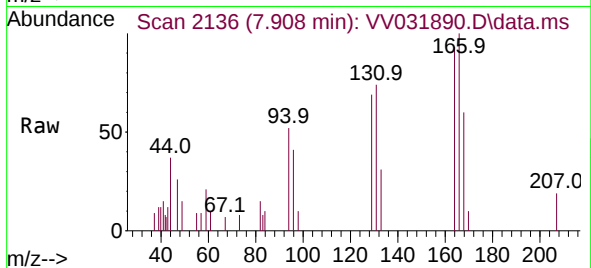
127 9.2 6.2 9.4



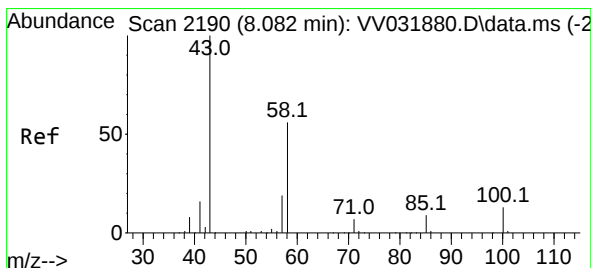
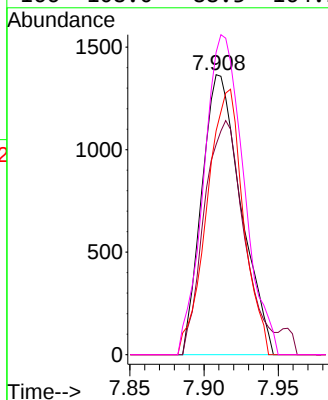
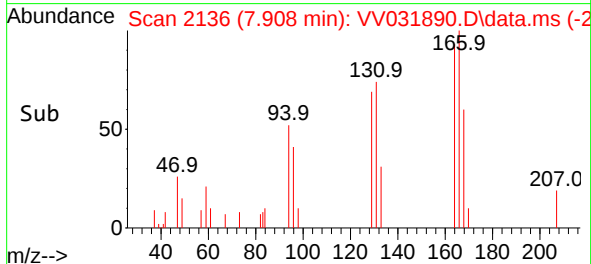


#47
Tetrachloroethene
Concen: 0.544 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

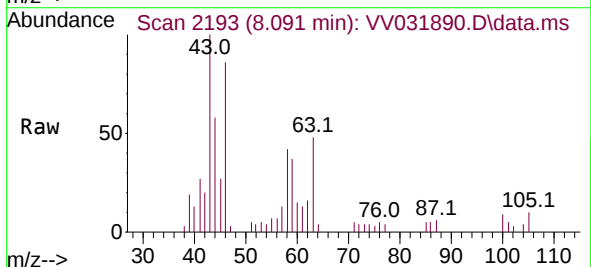
Instrument :
MSVOA_V
ClientSampleId :



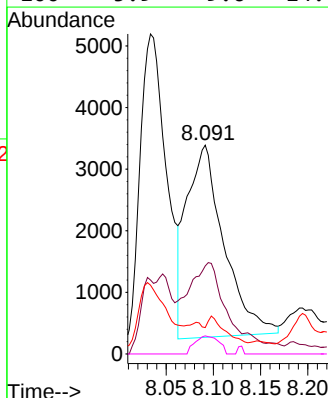
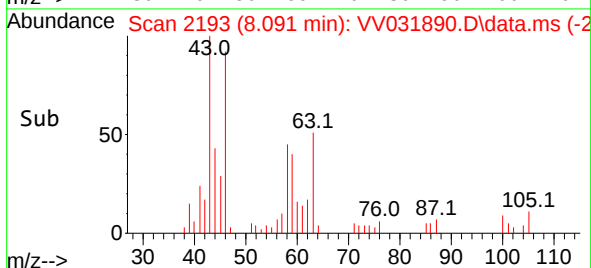
Tgt Ion:164 Resp: 2500
Ion Ratio Lower Upper
164 100
129 75.0 70.6 131.2
131 79.9 64.6 120.0
166 108.0 88.3 164.1

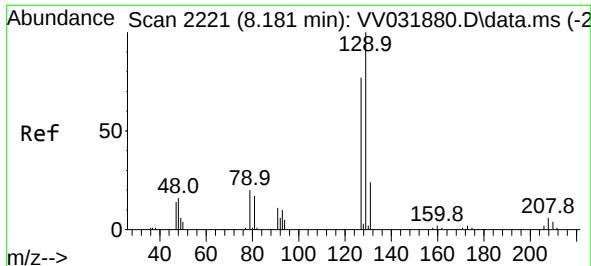


#48
2-Hexanone
Concen: 2.702 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33



Tgt Ion: 43 Resp: 8585
Ion Ratio Lower Upper
43 100
58 41.0 44.3 66.5#
57 5.8 14.3 21.5#
100 5.9 9.6 14.4#

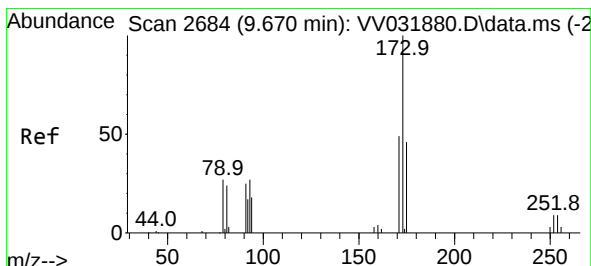
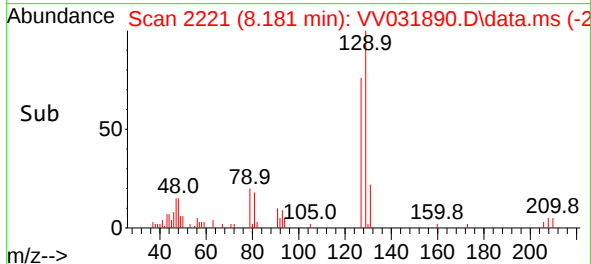
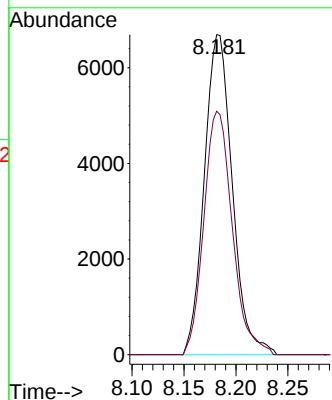
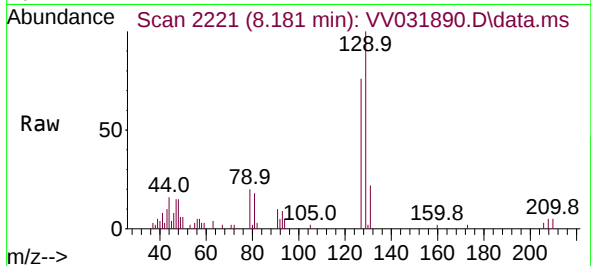




#49
Dibromochloromethane
Concen: 2.475 ug/L
RT: 8.181 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

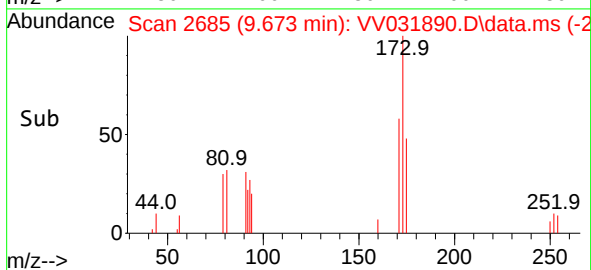
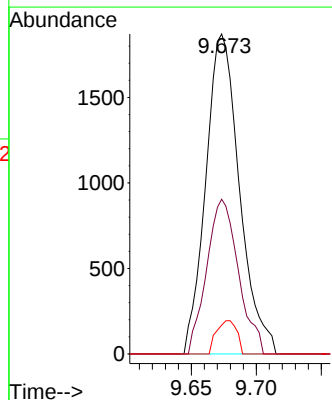
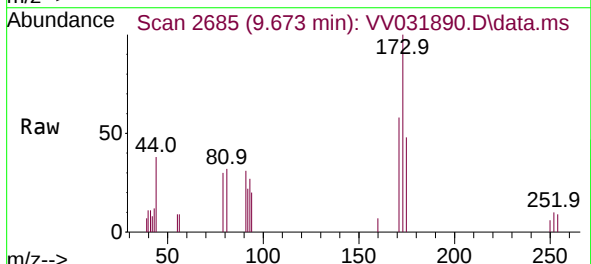
Instrument :
MSVOA_V
ClientSampleId :

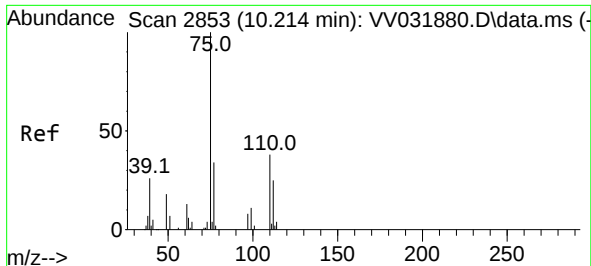
Tgt Ion:129 Resp: 12527
Ion Ratio Lower Upper
129 100
127 76.1 53.7 99.7



#59
Bromoform
Concen: 1.294 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Tgt Ion:173 Resp: 3373
Ion Ratio Lower Upper
173 100
175 45.5 38.0 57.0
254 6.3 6.8 10.2#

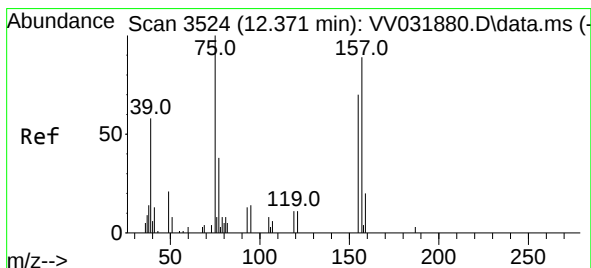
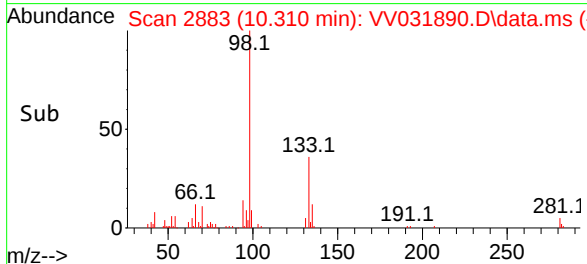
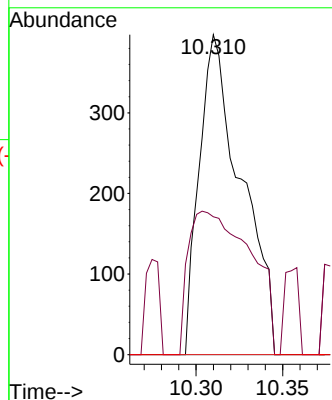
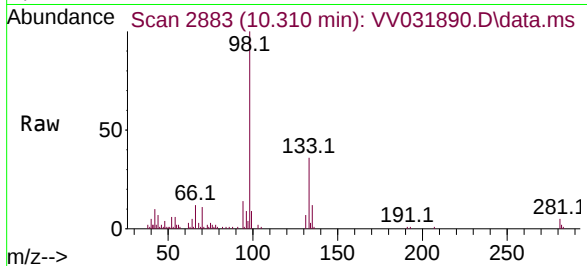




#61
1,2,3-Trichloropropane
Concen: 0.165 ug/L
RT: 10.310 min Scan# 21
Delta R.T. 0.096 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 671
Ion Ratio Lower Upper
75 100
77 66.6 28.8 43.2#
110 0.0 30.2 45.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.237 ug/L
RT: 12.197 min Scan# 3470
Delta R.T. -0.174 min
Lab File: VV031890.D
Acq: 24 Aug 2023 01:33

Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
155 0.0 56.1 84.1#
157 0.0 71.1 106.7#

