

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031899.D
 Acq On : 24 Aug 2023 10:36
 Operator : SY/MD
 Sample : 04115-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:44:42 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)

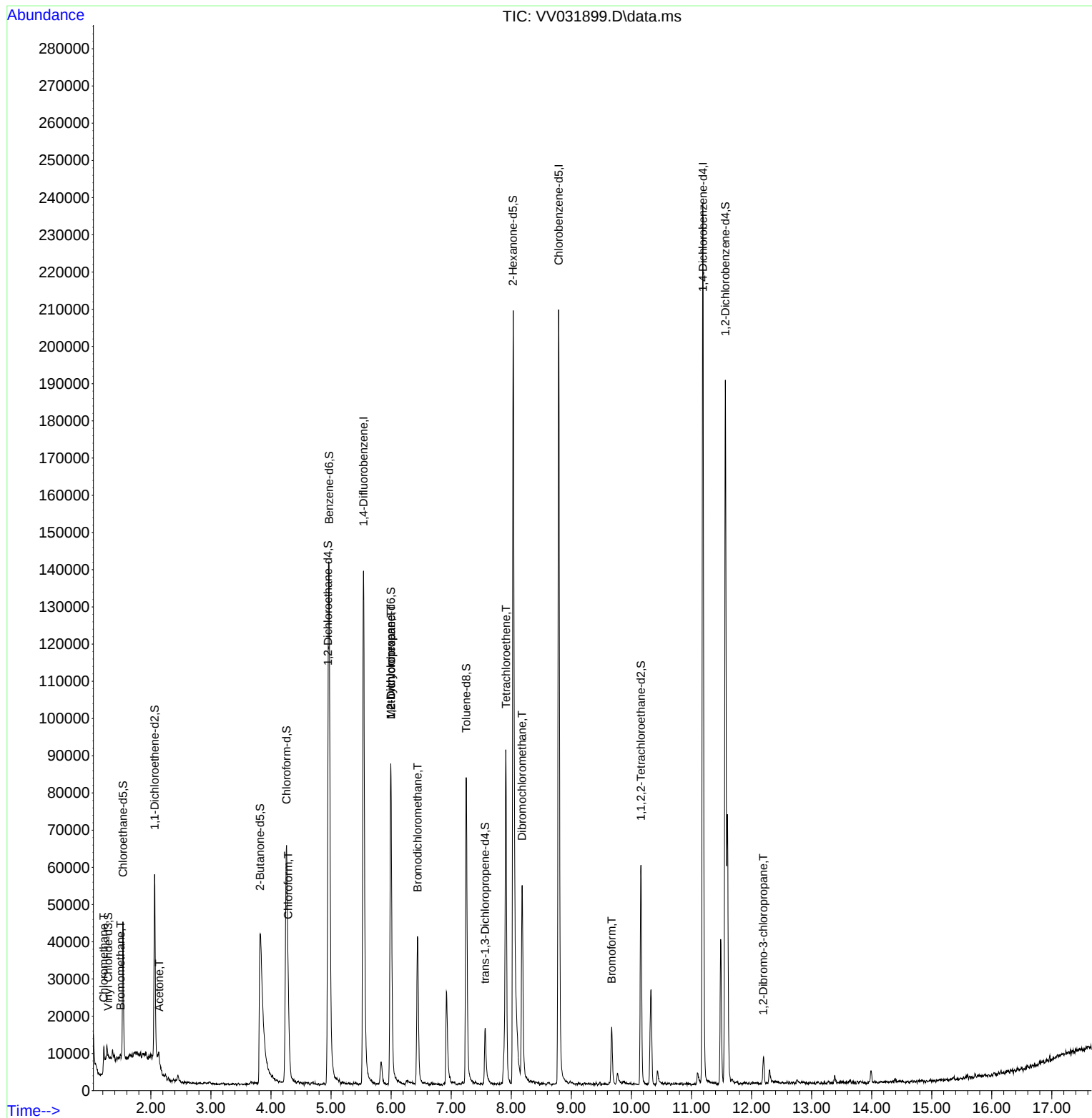
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	119824	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	112386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	96	0.024	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.535	69	23458	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.063	65	8799	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.818	46	104428	53.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	4.256	84	65380	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.950	65	33803	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.966	84	129189	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	5.995	67	43355	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.249	98	57487	2.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.400%#
43) trans-1,3-Dichloroprop...	7.564	79	9633	2.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.600%
46) 2-Hexanone-d5	8.030	63	78257	44.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29933	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45222	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2765	0.377	ug/L	93
6) Bromomethane	1.494	94	420	0.089	ug/L	86
13) Acetone	2.140	43	2175	1.884	ug/L	74
25) Chloroform	4.285	83	15917	1.240	ug/L	98
35) Methylcyclohexane	5.995	83	10335	0.938	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	5038	0.706	ug/L #	87
38) Bromodichloromethane	6.439	83	28988	3.140	ug/L	99
47) Tetrachloroethene	7.911	164	19547	4.044	ug/L	98
49) Dibromochloromethane	8.181	129	27328	5.137	ug/L	98
59) Bromoform	9.670	173	6867	2.476	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.194	75	271	0.277	ug/L #	9

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

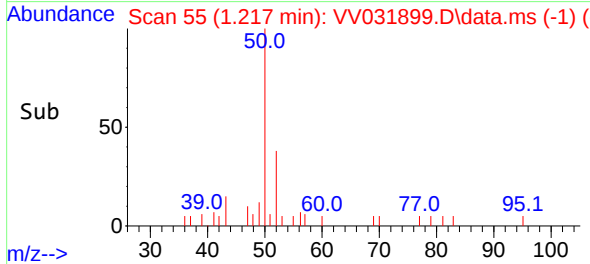
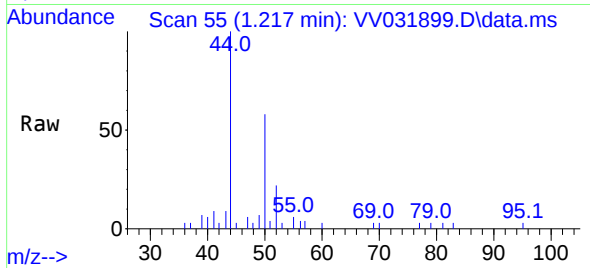
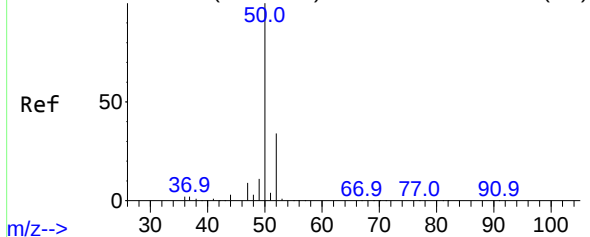
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QLast Update : Thu Aug 24 04:46:53 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV031893.D\data.ms (-47)



#3

Chloromethane

Concen: 0.377 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031899.D

Acq: 24 Aug 2023 10:36

Instrument :

MSVOA_V

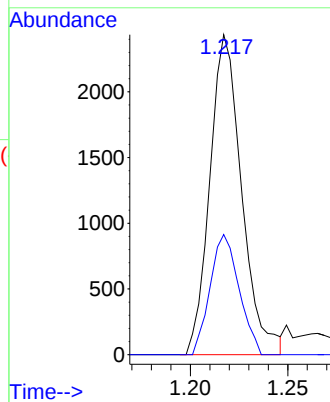
ClientSampleId :

Tgt Ion: 50 Resp: 2765

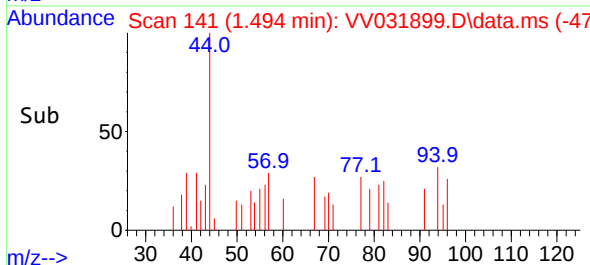
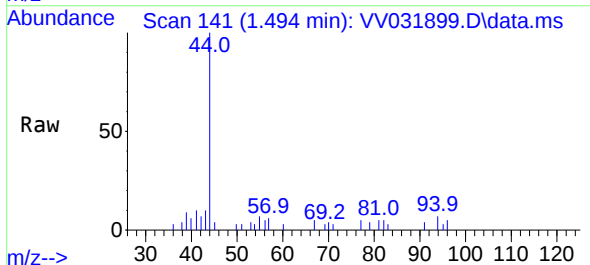
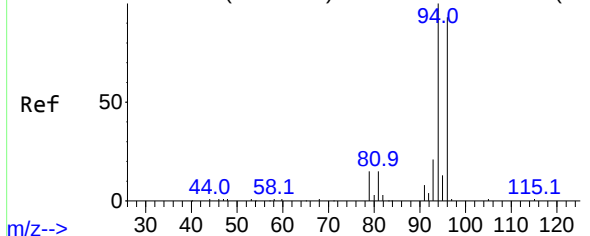
Ion Ratio Lower Upper

50 100

52 37.5 23.3 43.3



Abundance Scan 140 (1.490 min): VV031893.D\data.ms (-12)



#6

Bromomethane

Concen: 0.089 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV031899.D

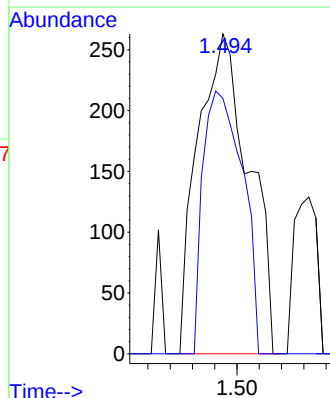
Acq: 24 Aug 2023 10:36

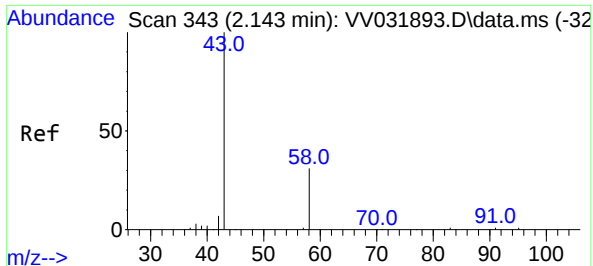
Tgt Ion: 94 Resp: 420

Ion Ratio Lower Upper

94 100

96 79.8 65.0 120.8





#13

Acetone

Concen: 1.884 ug/L

RT: 2.140 min Scan# 343

Delta R.T. -0.003 min

Lab File: VV031899.D

Acq: 24 Aug 2023 10:36

Instrument :

MSVOA_V

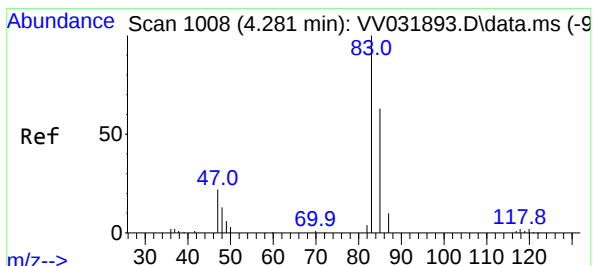
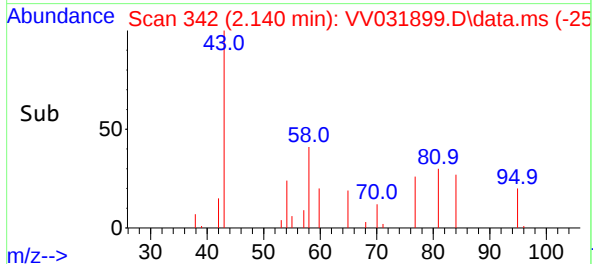
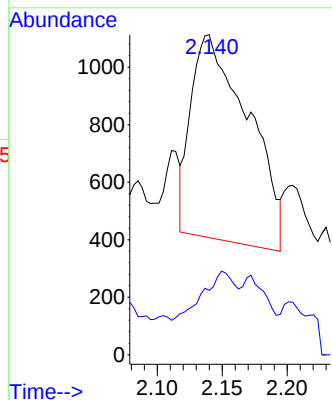
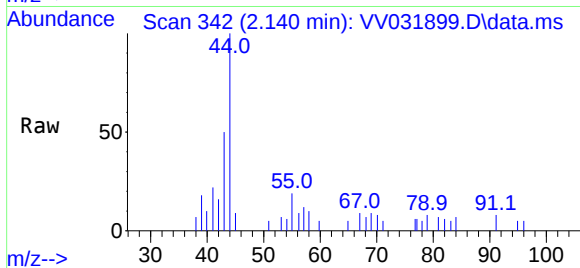
ClientSampleId :

Tgt Ion: 43 Resp: 2175

Ion Ratio Lower Upper

43 100

58 30.3 0.0 37.0



#25

Chloroform

Concen: 1.240 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031899.D

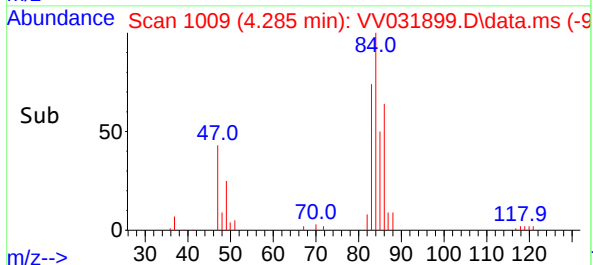
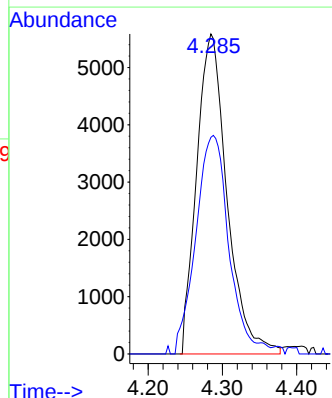
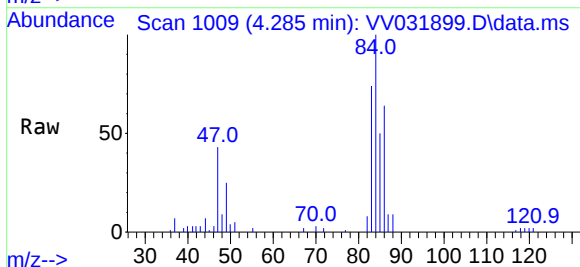
Acq: 24 Aug 2023 10:36

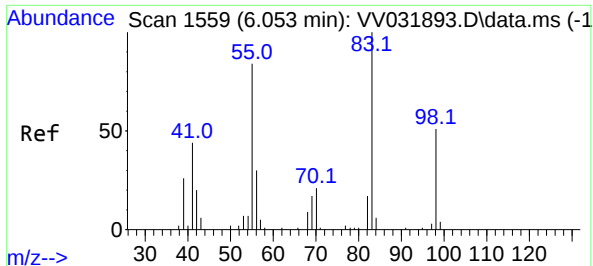
Tgt Ion: 83 Resp: 15917

Ion Ratio Lower Upper

83 100

85 67.7 46.4 86.2

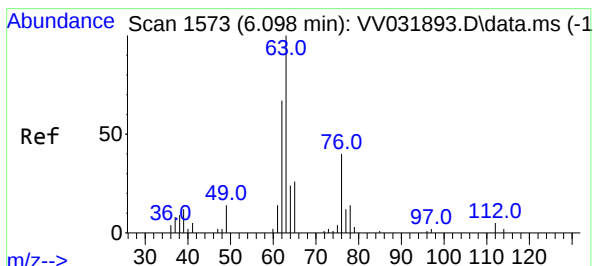
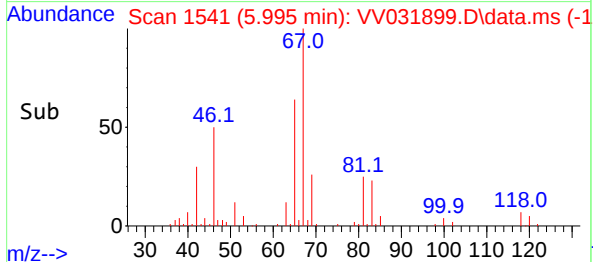
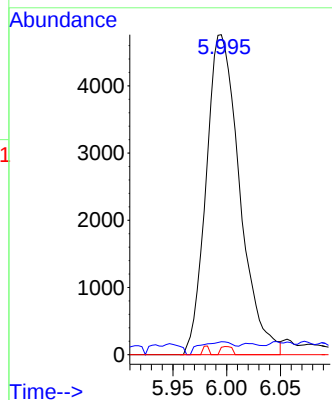
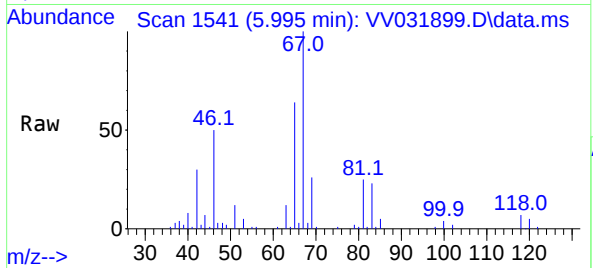




#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

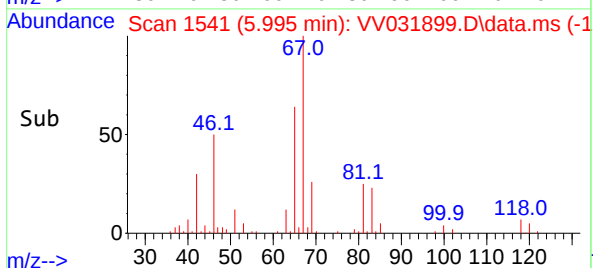
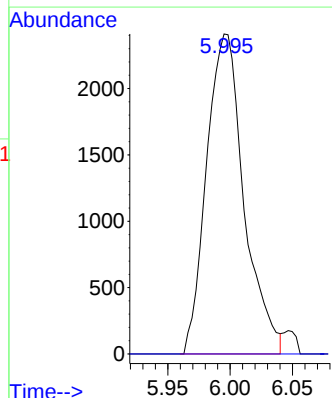
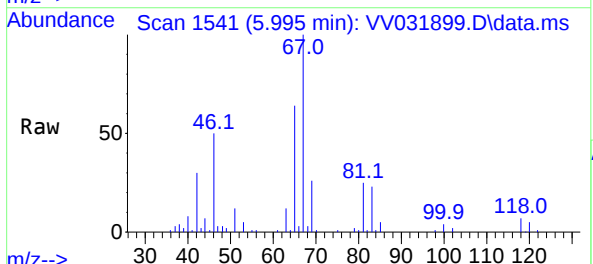
Instrument :
MSVOA_V
ClientSampleId :

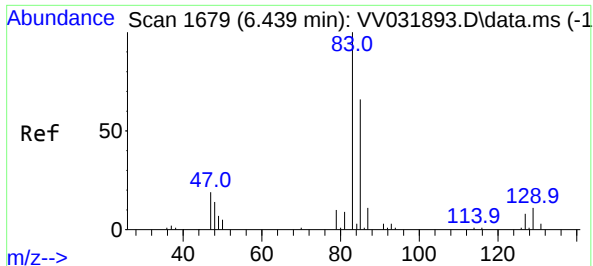
Tgt Ion: 83 Resp: 10335
Ion Ratio Lower Upper
83 100
55 4.1 62.6 94.0#
98 0.9 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

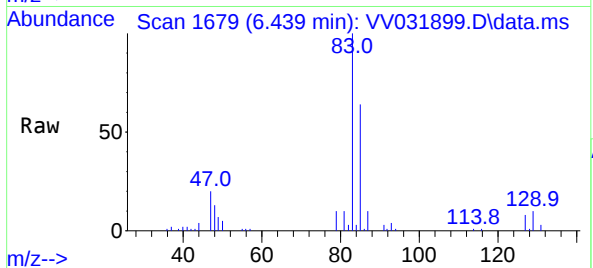
Tgt Ion: 63 Resp: 5038
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



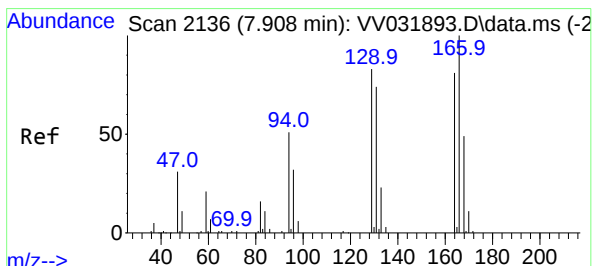
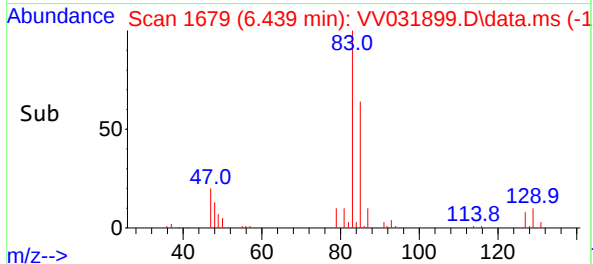
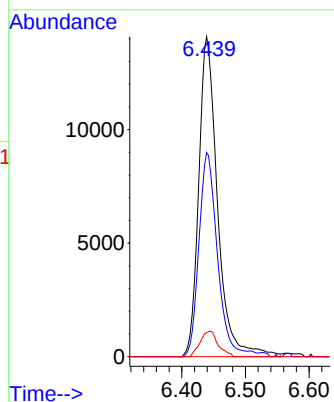


#38
Bromodichloromethane
Concen: 3.140 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

Instrument :
MSVOA_V
ClientSampleId :

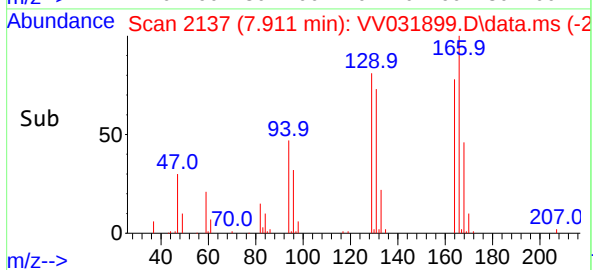
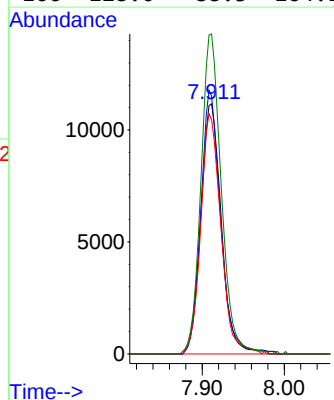
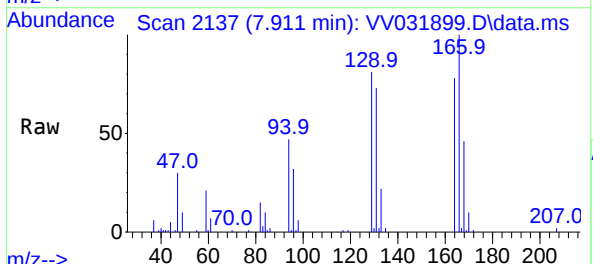


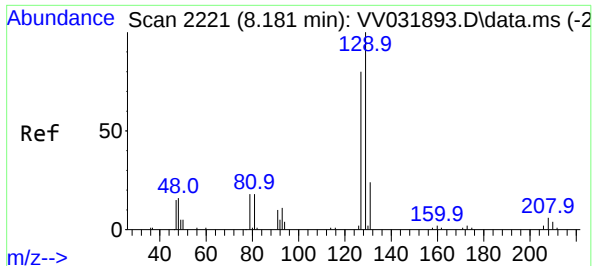
Tgt Ion: 83 Resp: 28988
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.4
127 7.6 6.2 9.4



#47
Tetrachloroethene
Concen: 4.044 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

Tgt Ion:164 Resp: 19547
Ion Ratio Lower Upper
164 100
129 103.1 70.6 131.2
131 93.8 64.6 120.0
166 128.0 88.3 164.1

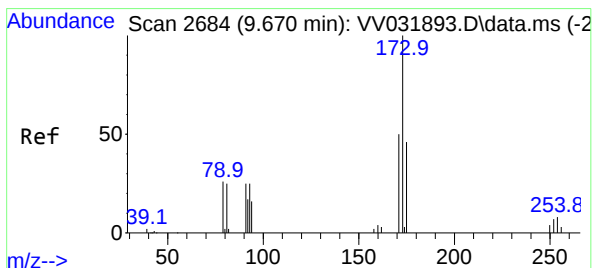
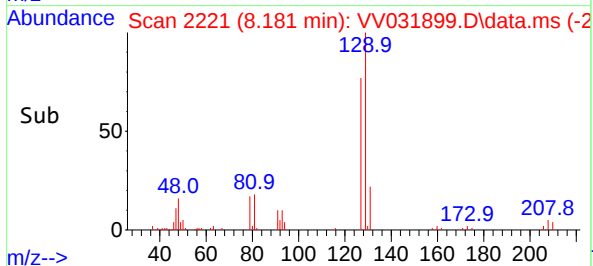
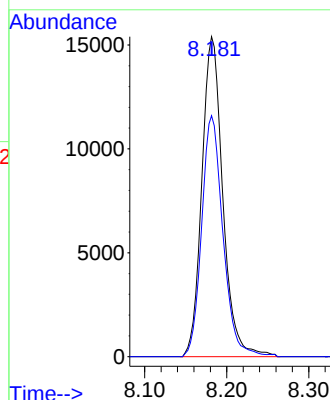
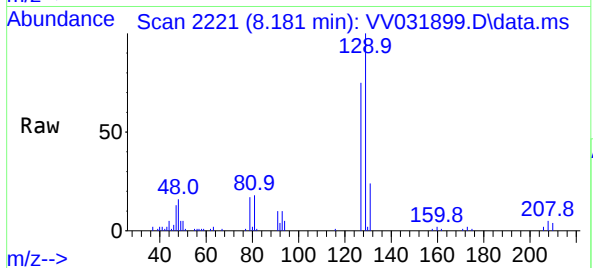




#49
Dibromochloromethane
Concen: 5.137 ug/L
RT: 8.181 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

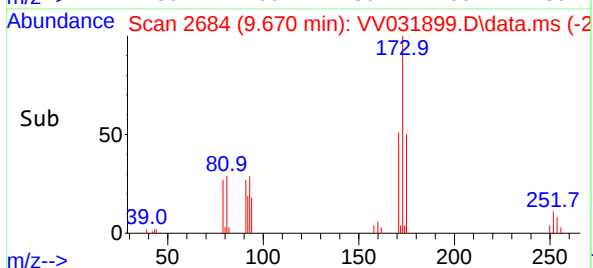
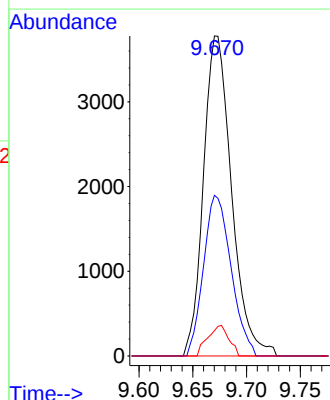
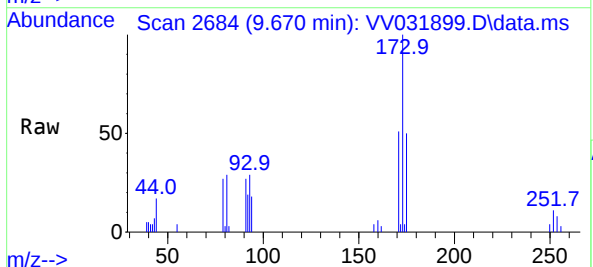
Instrument :
MSVOA_V
ClientSampleId :

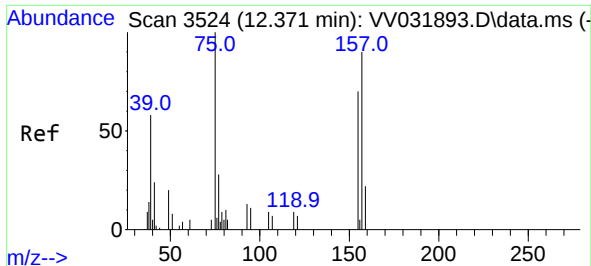
Tgt Ion:129 Resp: 27328
Ion Ratio Lower Upper
129 100
127 75.3 53.7 99.7



#59
Bromoform
Concen: 2.476 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

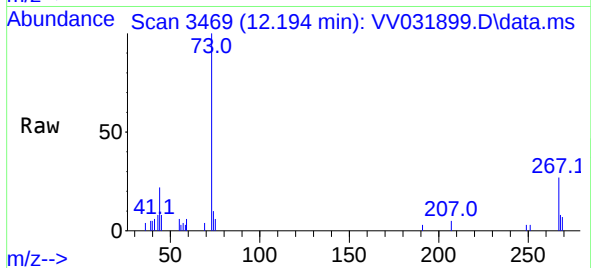
Tgt Ion:173 Resp: 6867
Ion Ratio Lower Upper
173 100
175 49.1 38.0 57.0
254 7.2 6.8 10.2





#68
1,2-Dibromo-3-chloropropane
Concen: 0.277 ug/L
RT: 12.194 min Scan# 34
Delta R.T. -0.177 min
Lab File: VV031899.D
Acq: 24 Aug 2023 10:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	75	Resp:	271
Ion	Ratio	Lower	Upper
75	100		
155	0.0	56.1	84.1#
157	0.0	71.1	106.7#

