

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031903.D
 Acq On : 24 Aug 2023 12:07
 Operator : SY/MD
 Sample : 04115-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:45:12 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)

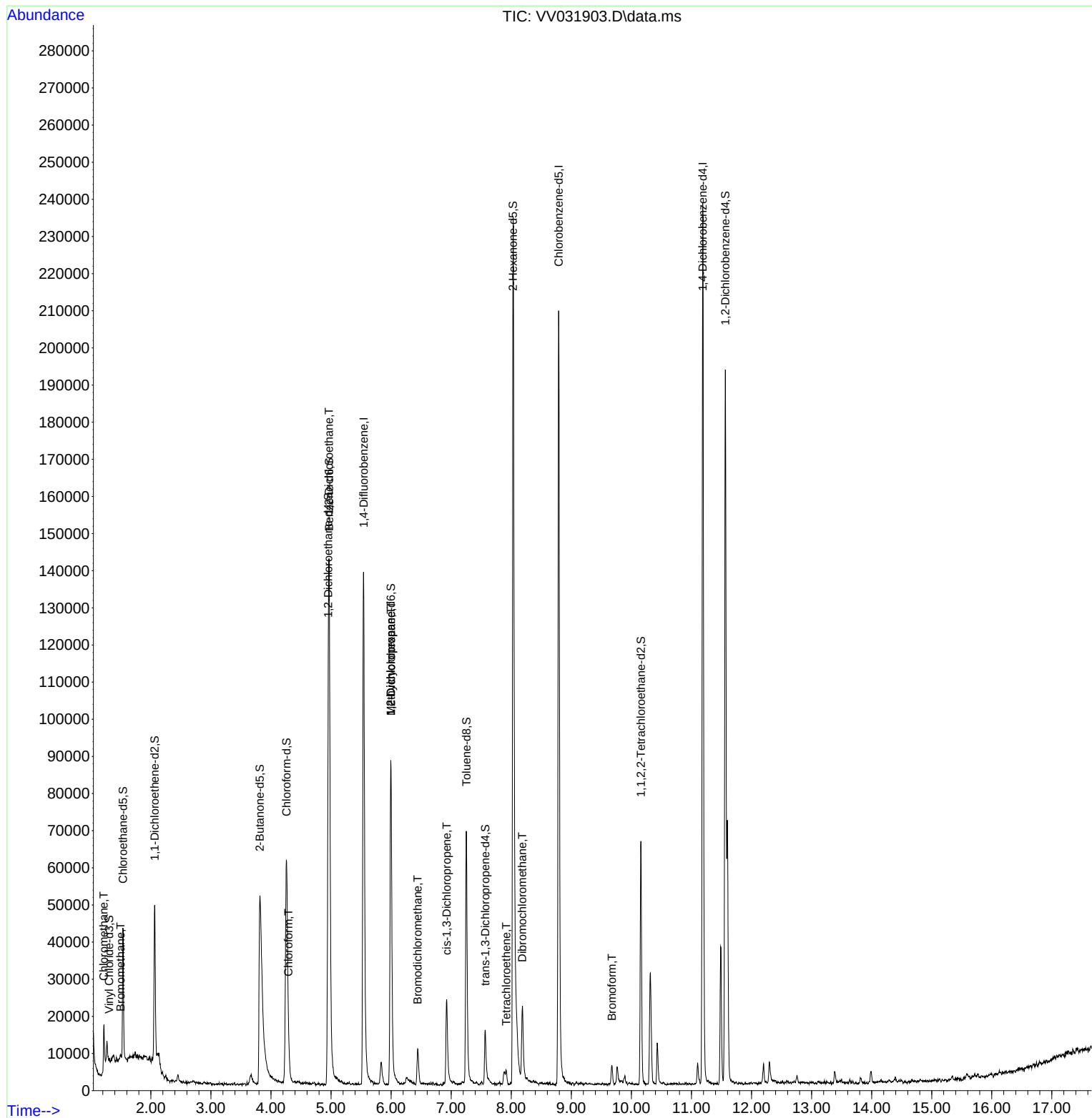
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	119206	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103	0.026	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.600%#
7) Chloroethane-d5	1.535	69	23050	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.063	65	7752	3.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.815	46	119835	61.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.980%
24) Chloroform-d	4.256	84	65442	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.953	65	36151	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.969	84	129777	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.995	67	44339	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.252	98	46514	1.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	39.400%#
43) trans-1,3-Dichloroprop...	7.567	79	10234	3.128	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.030	63	89322	51.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32248	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	47432	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	6964	0.955	ug/L	99
6) Bromomethane	1.494	94	428	0.092	ug/L	92
25) Chloroform	4.291	83	5534	0.433	ug/L	98
27) 1,2-Dichloroethane	4.963	62	845	0.111	ug/L #	75
35) Methylcyclohexane	5.995	83	10336	0.943	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	5076	0.715	ug/L #	87
38) Bromodichloromethane	6.442	83	6672	0.726	ug/L	99
39) cis-1,3-Dichloropropene	6.924	75	813	0.075	ug/L #	57
47) Tetrachloroethene	7.918	164	874	0.182	ug/L	88
49) Dibromochloromethane	8.185	129	8398	1.586	ug/L	99
59) Bromoform	9.673	173	2245	0.802	ug/L #	94

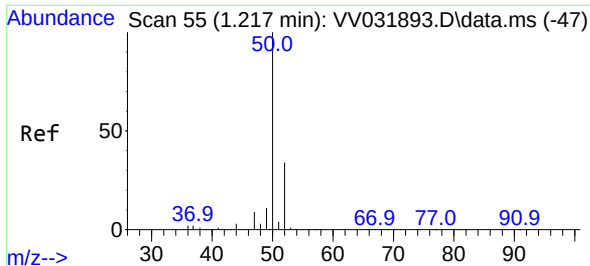
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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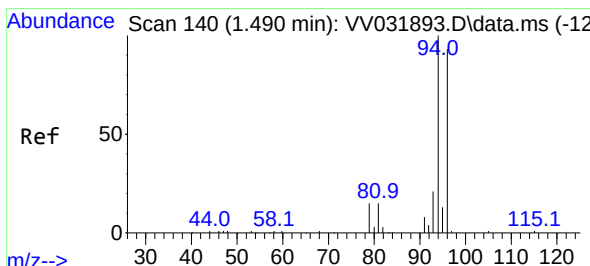
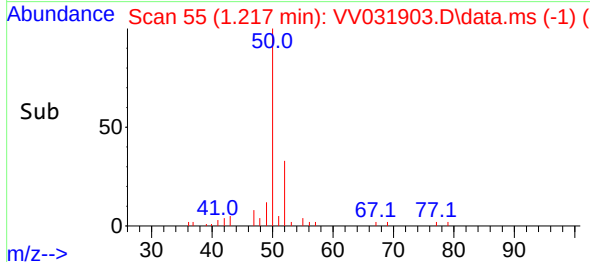
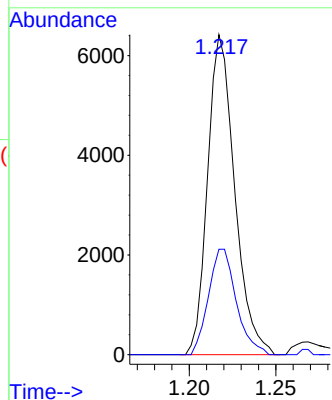
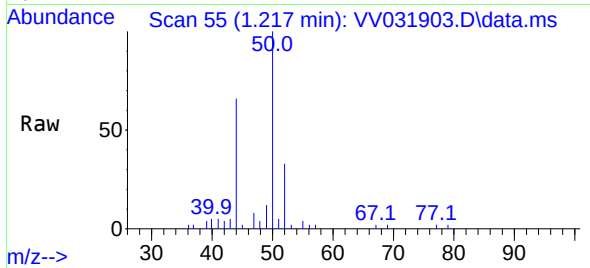




#3
Chloromethane
Concen: 0.955 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

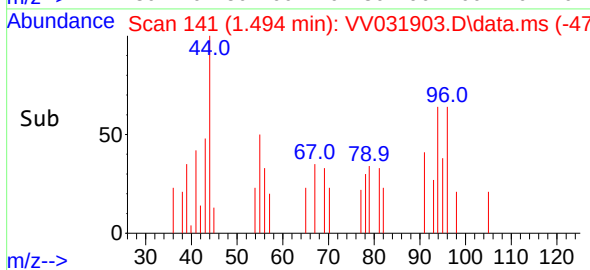
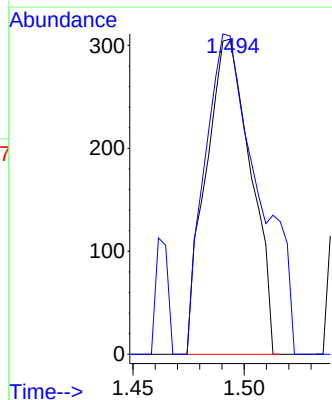
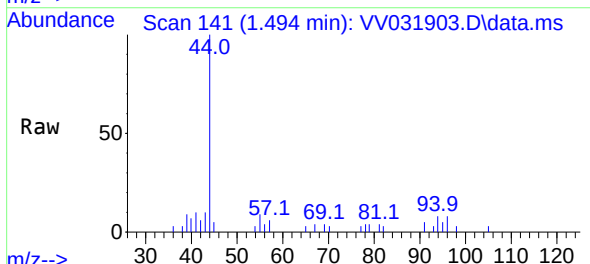
Instrument :
MSVOA_V
ClientSampleId :

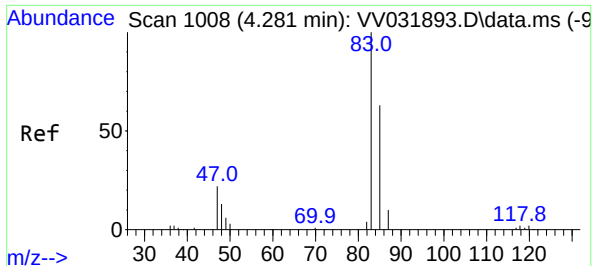
Tgt Ion: 50 Resp: 6964
Ion Ratio Lower Upper
50 100
52 32.9 23.3 43.3



#6
Bromomethane
Concen: 0.092 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 101.0 65.0 120.8





#25

Chloroform

Concen: 0.433 ug/L

RT: 4.291 min Scan# 1008

Delta R.T. 0.010 min

Lab File: VV031903.D

Acq: 24 Aug 2023 12:07

Instrument :

MSVOA_V

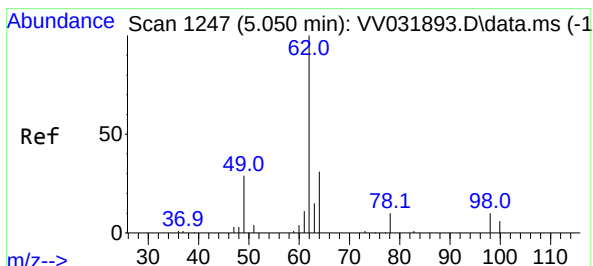
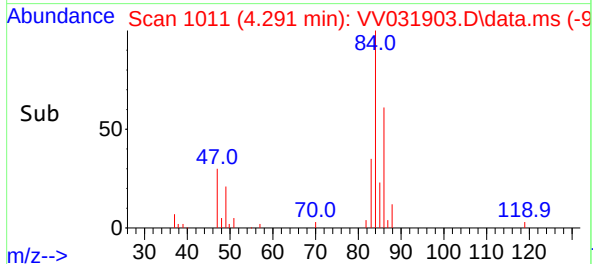
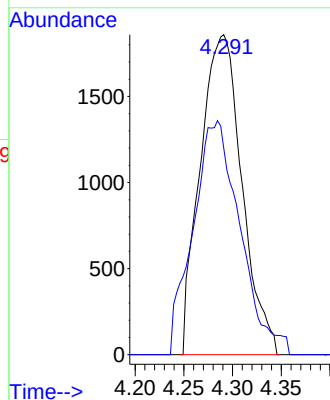
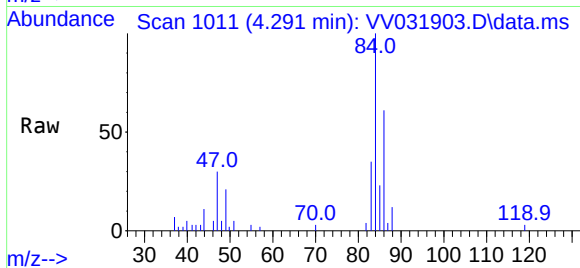
ClientSampleId :

Tgt Ion: 83 Resp: 5534

Ion Ratio Lower Upper

83 100

85 64.6 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 4.963 min Scan# 1220

Delta R.T. -0.087 min

Lab File: VV031903.D

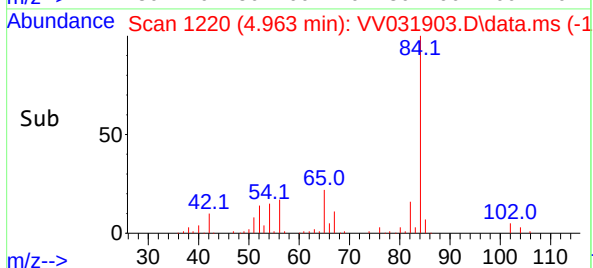
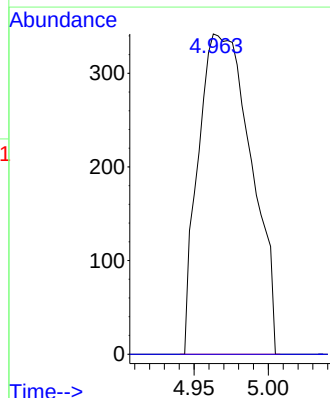
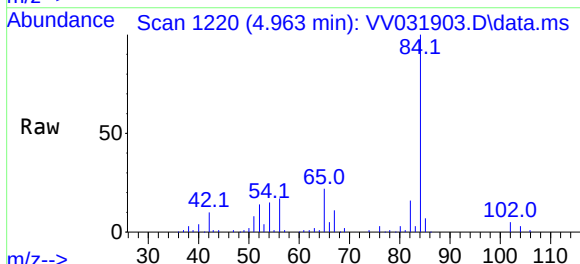
Acq: 24 Aug 2023 12:07

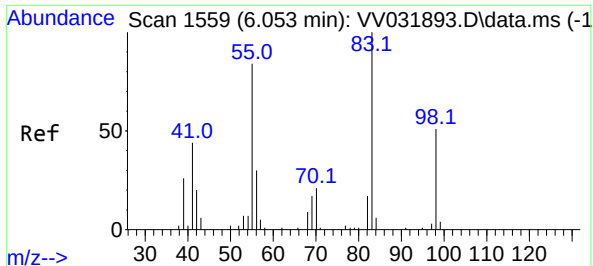
Tgt Ion: 62 Resp: 845

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 0.943 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031903.D

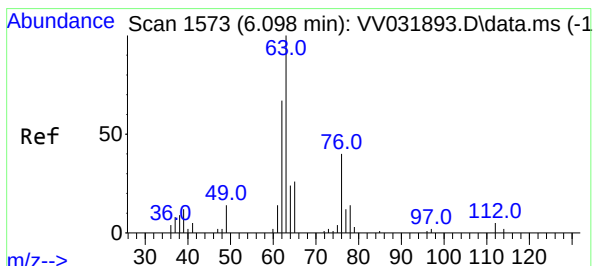
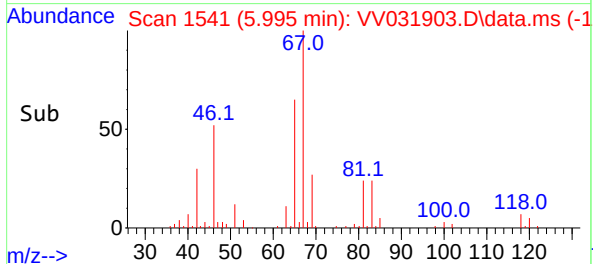
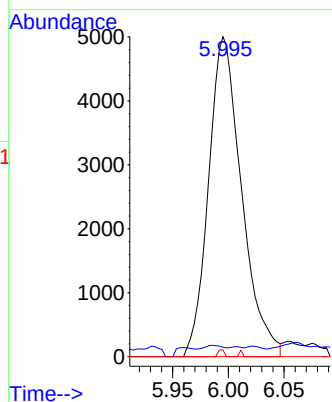
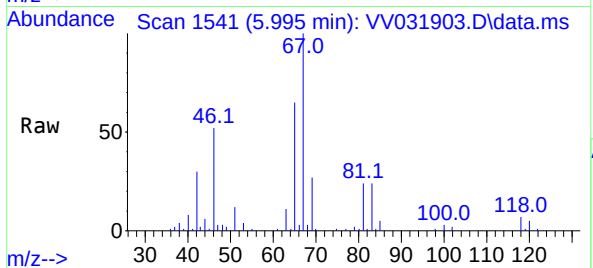
Acq: 24 Aug 2023 12:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10336
Ion Ratio	Lower Upper
83 100	
55 0.6	62.6 94.0#
98 0.0	37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.715 ug/L

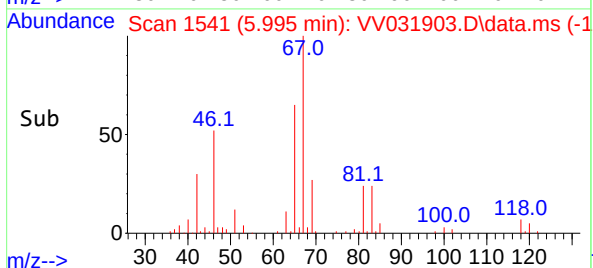
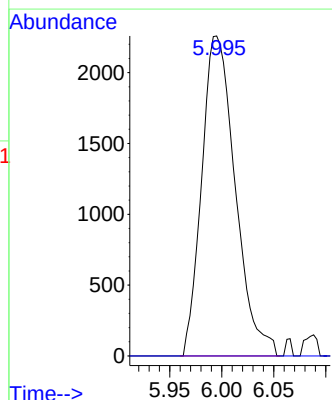
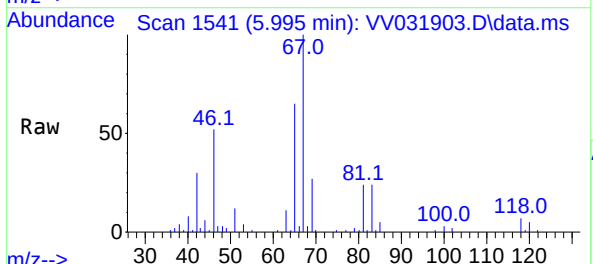
RT: 5.995 min Scan# 1541

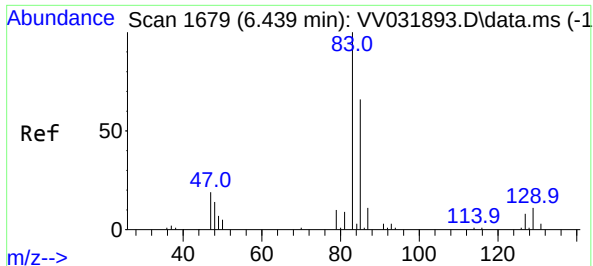
Delta R.T. -0.103 min

Lab File: VV031903.D

Acq: 24 Aug 2023 12:07

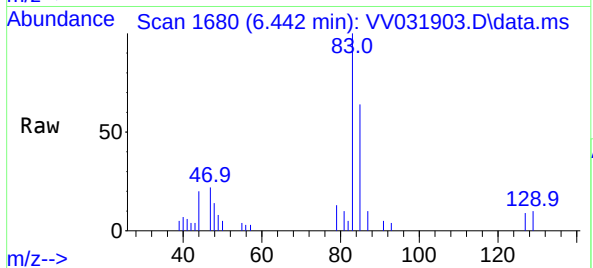
Tgt Ion: 63	Resp: 5076
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#



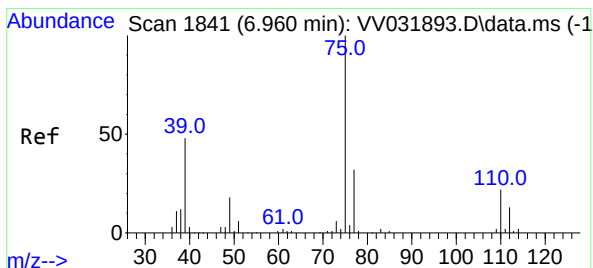
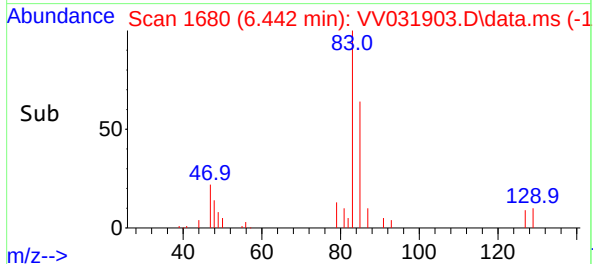
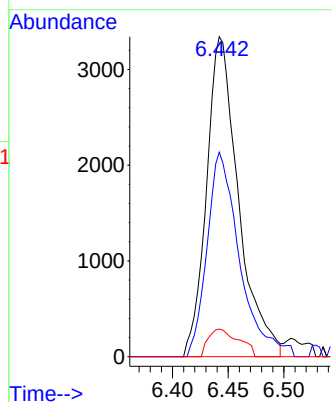


#38
Bromodichloromethane
Concen: 0.726 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

Instrument :
MSVOA_V
ClientSampleId :

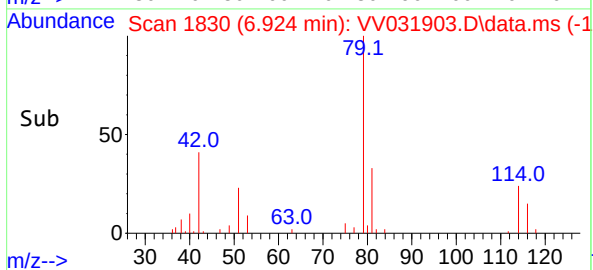
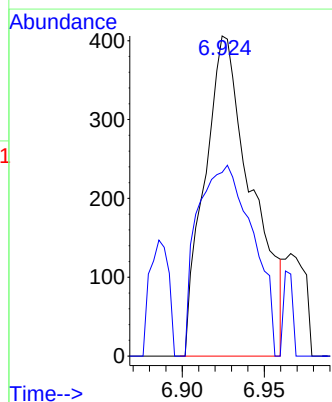
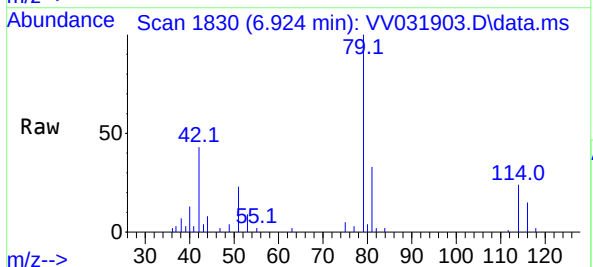


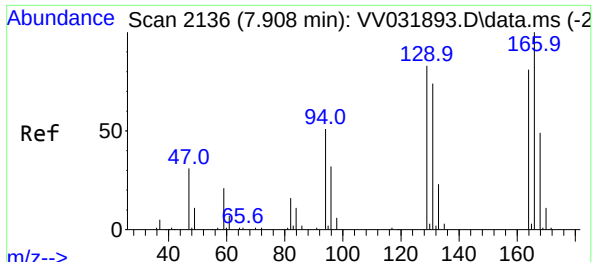
Tgt Ion: 83 Resp: 6672
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
127 8.7 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 6.924 min Scan# 1830
Delta R.T. -0.035 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

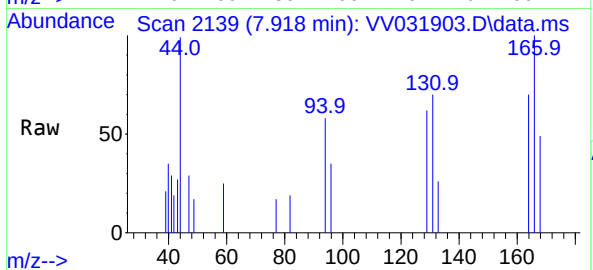
Tgt Ion: 75 Resp: 813
Ion Ratio Lower Upper
75 100
77 57.4 23.2 43.2#



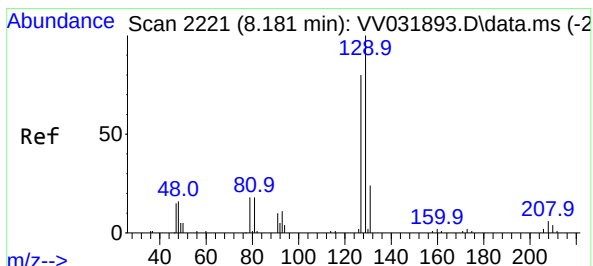
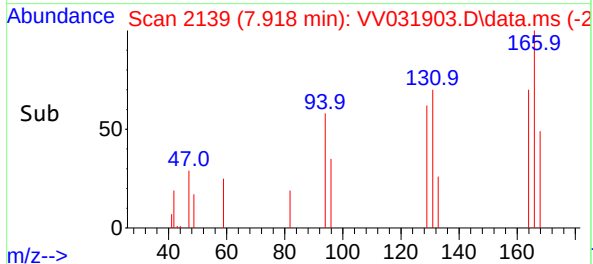
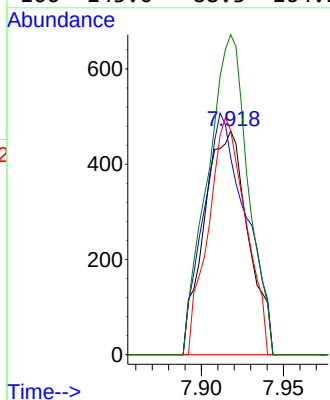


#47
Tetrachloroethene
Concen: 0.182 ug/L
RT: 7.918 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

Instrument :
MSVOA_V
ClientSampleId :

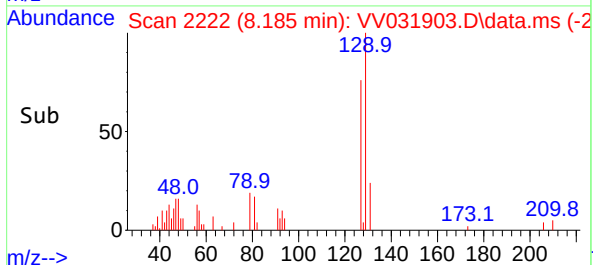
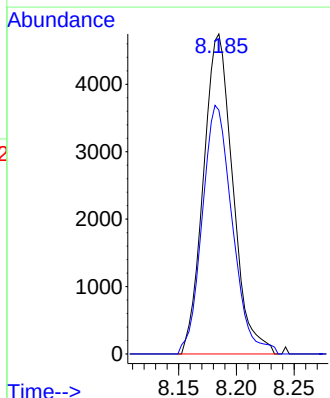
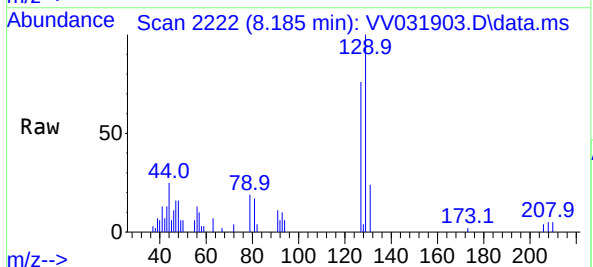


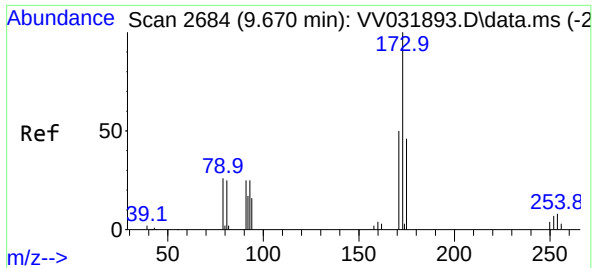
Tgt Ion:164 Resp: 874
Ion Ratio Lower Upper
164 100
129 88.1 70.6 131.2
131 100.2 64.6 120.0
166 143.0 88.3 164.1



#49
Dibromochloromethane
Concen: 1.586 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

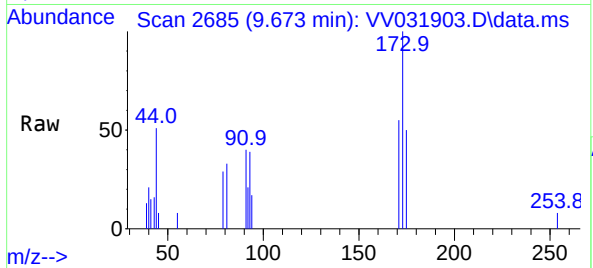
Tgt Ion:129 Resp: 8398
Ion Ratio Lower Upper
129 100
127 76.2 53.7 99.7





#59
Bromoform
Concen: 0.802 ug/L
RT: 9.673 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV031903.D
Acq: 24 Aug 2023 12:07

Instrument :
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ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	38.0	57.0
254	4.0	6.8	10.2#

