

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031902.D
 Acq On : 24 Aug 2023 11:44
 Operator : SY/MD
 Sample : 04115-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:45:03 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)

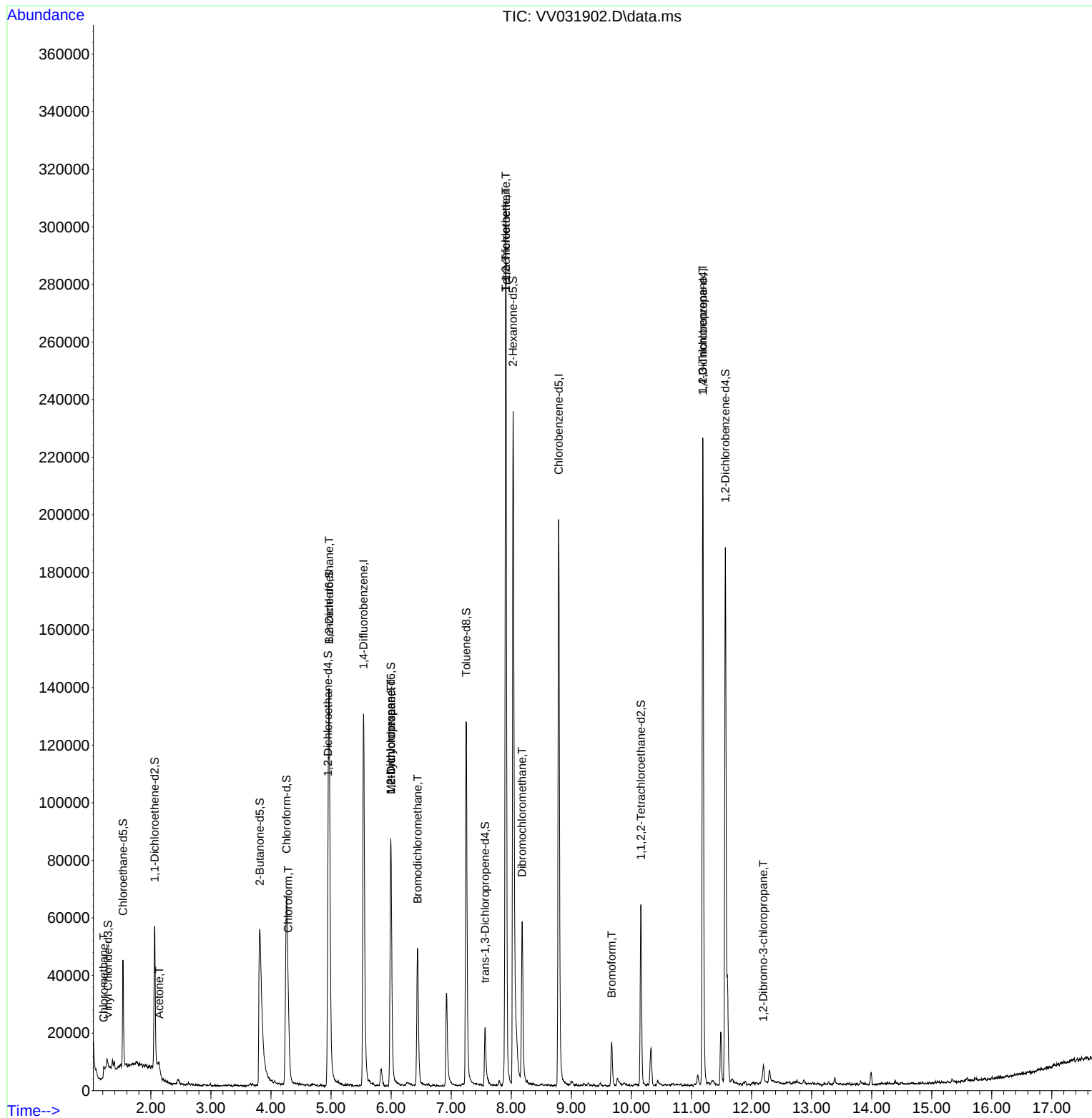
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	87	0.023	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.536	69	22813	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.063	65	8600	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.812	46	114711	61.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.880%
24) Chloroform-d	4.259	84	64407	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.950	65	33582	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.966	84	126089	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.995	67	43522	5.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.249	98	84414	3.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.564	79	13017	4.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.030	63	86638	52.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31975	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45553	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1300	0.188	ug/L	94
13) Acetone	2.140	43	2660	2.437	ug/L	72
25) Chloroform	4.285	83	21535	1.775	ug/L	99
27) 1,2-Dichloroethane	4.966	62	793	0.109	ug/L #	75
35) Methylcyclohexane	5.995	83	10317	0.987	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4933	0.729	ug/L #	87
38) Bromodichloromethane	6.439	83	34245	3.910	ug/L	99
45) 1,1,2-Trichloroethane	7.908	97	757	0.156	ug/L #	1
47) Tetrachloroethene	7.908	164	66255	14.446	ug/L	98
49) Dibromochloromethane	8.182	129	28349	5.616	ug/L	96
59) Bromoform	9.670	173	6832	2.588	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	7753	1.884	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.194	75	233	0.250	ug/L #	9

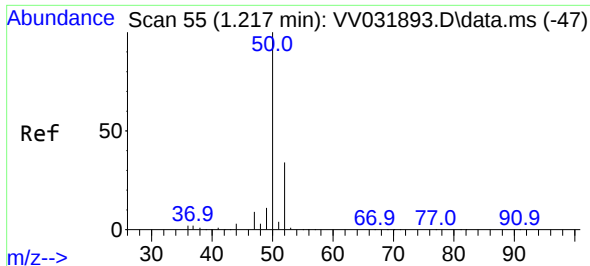
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

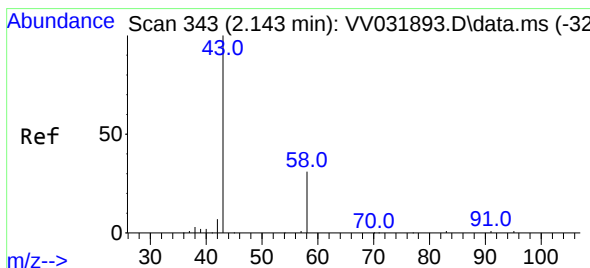
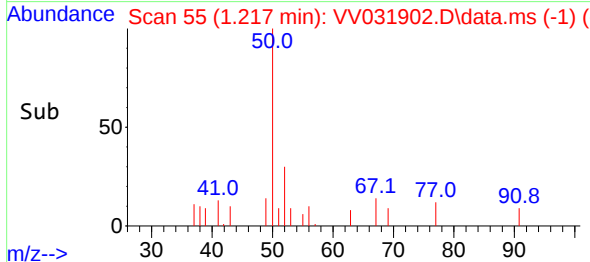
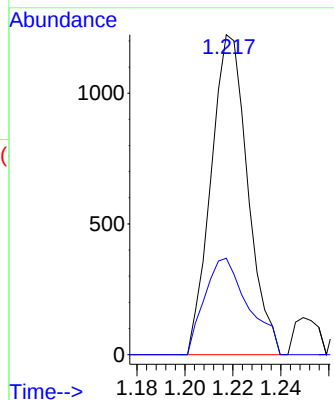
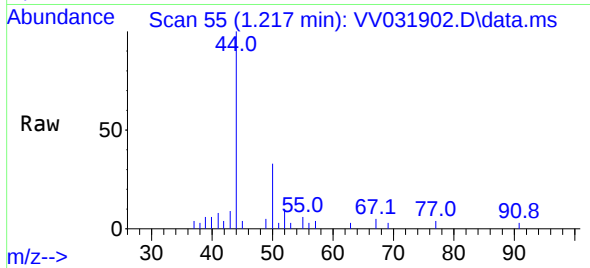




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

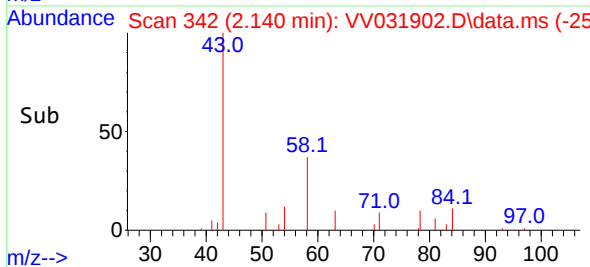
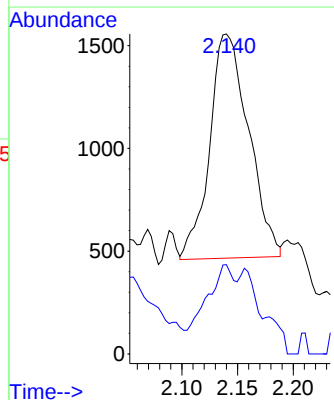
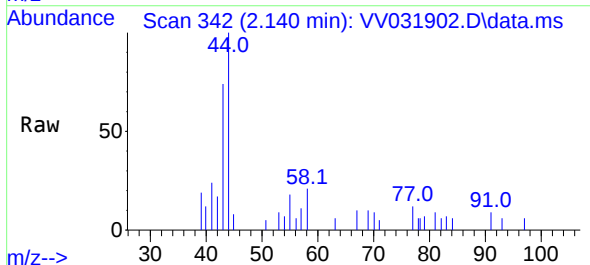
Instrument :
MSVOA_V
ClientSampleId :

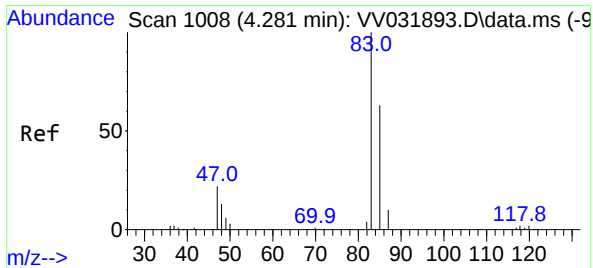
Tgt Ion: 50 Resp: 1300
Ion Ratio Lower Upper
50 100
52 30.1 23.3 43.3



#13
Acetone
Concen: 2.437 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.003 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
58 30.9 0.0 37.0

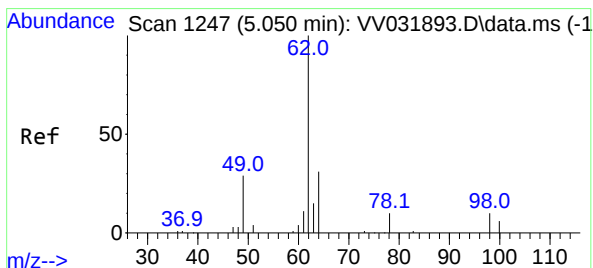
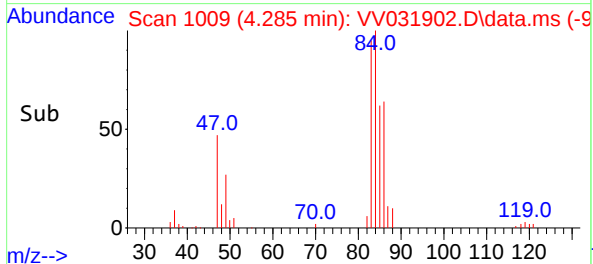
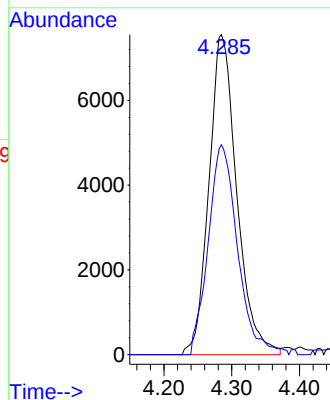
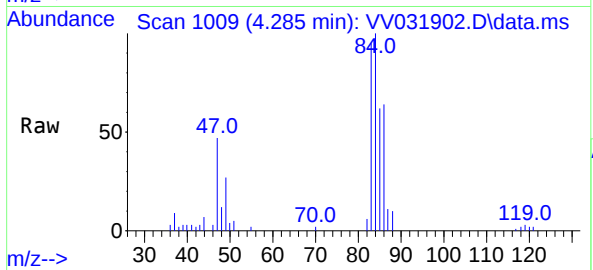




#25
Chloroform
Concen: 1.775 ug/L
RT: 4.285 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

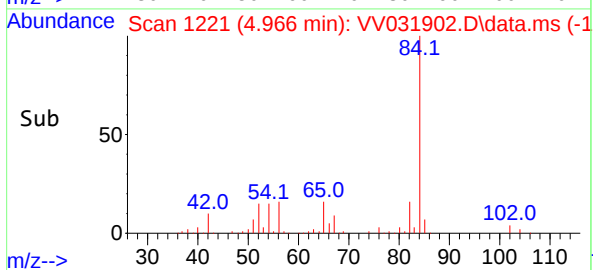
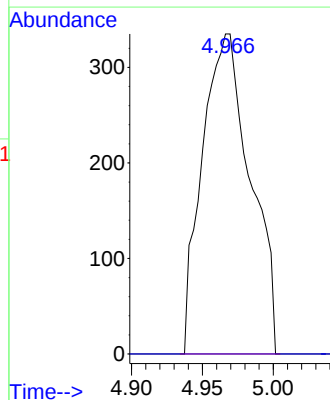
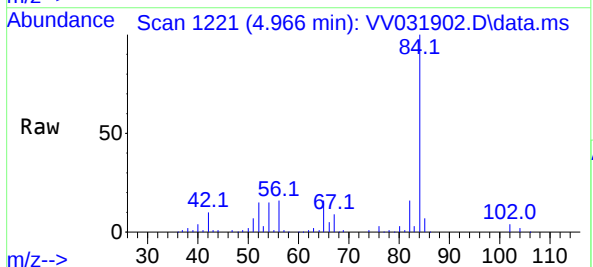
Instrument :
MSVOA_V
ClientSampleId :

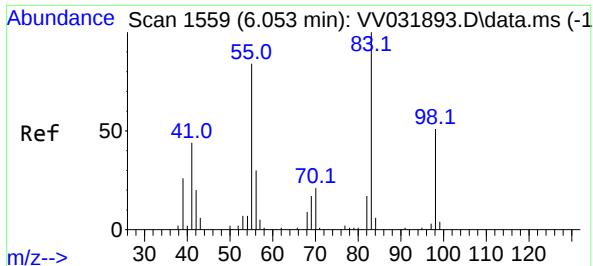
Tgt Ion: 83 Resp: 21535
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.084 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

Tgt Ion: 62 Resp: 793
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031902.D

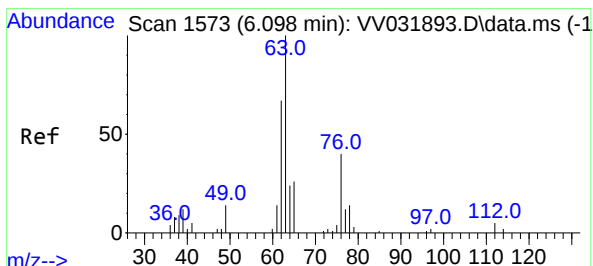
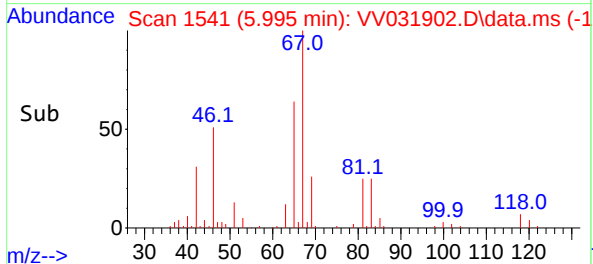
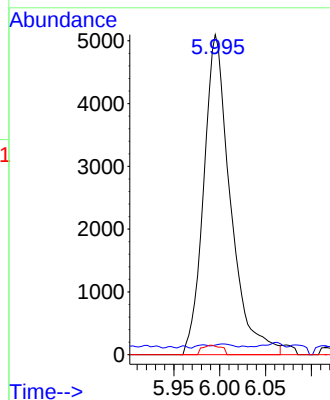
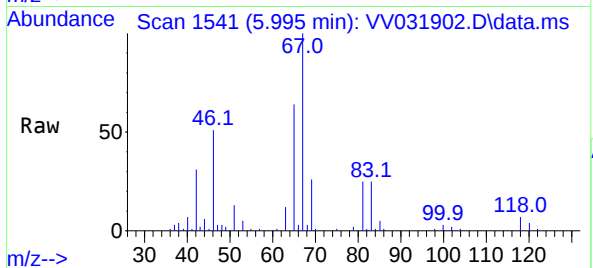
Acq: 24 Aug 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10317
Ion Ratio	Lower Upper
83 100	
55 0.5	62.6 94.0#
98 2.1	37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.729 ug/L

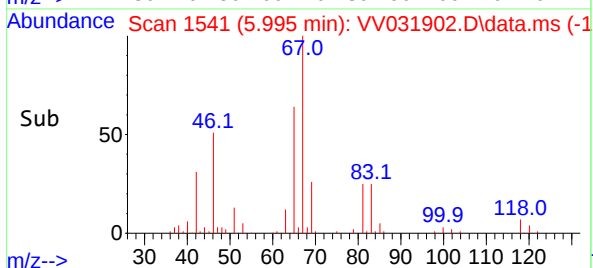
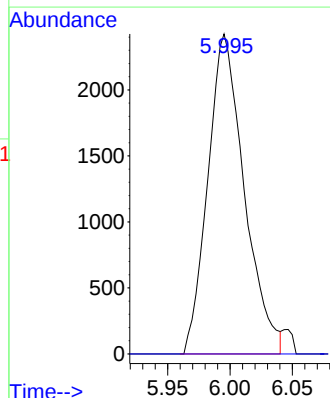
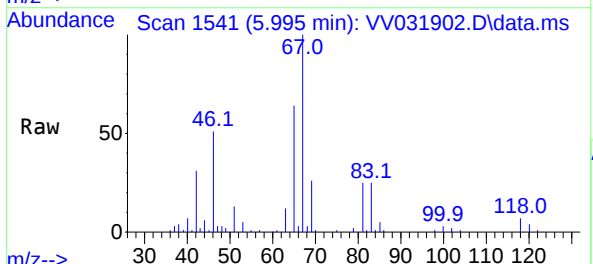
RT: 5.995 min Scan# 1541

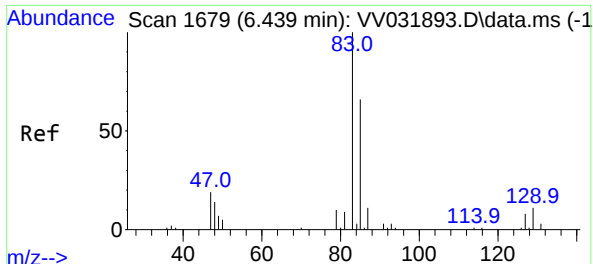
Delta R.T. -0.103 min

Lab File: VV031902.D

Acq: 24 Aug 2023 11:44

Tgt Ion: 63	Resp: 4933
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#

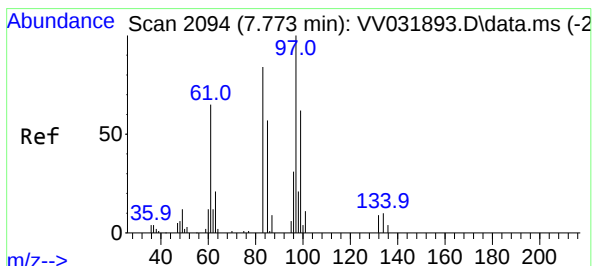
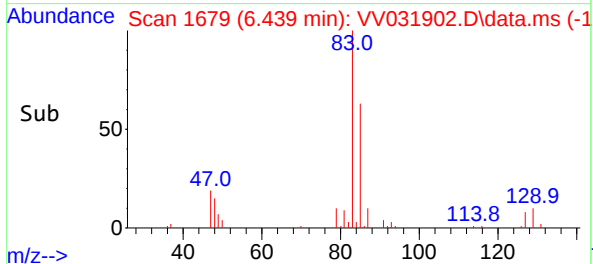
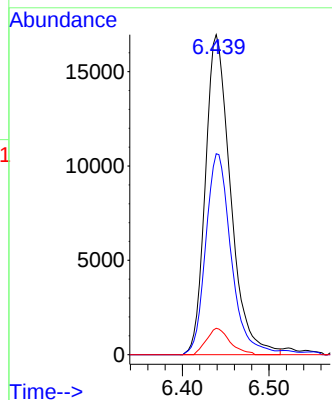
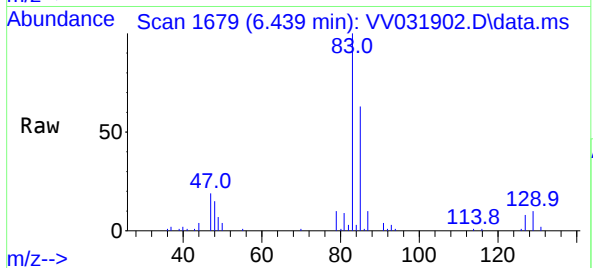




#38
Bromodichloromethane
Concen: 3.910 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

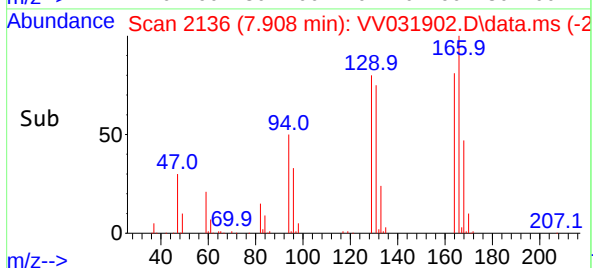
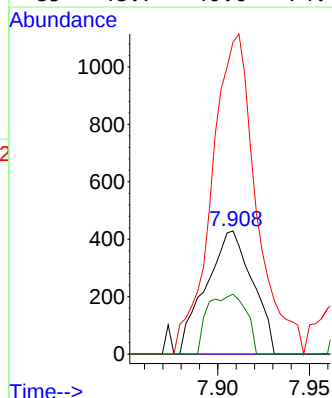
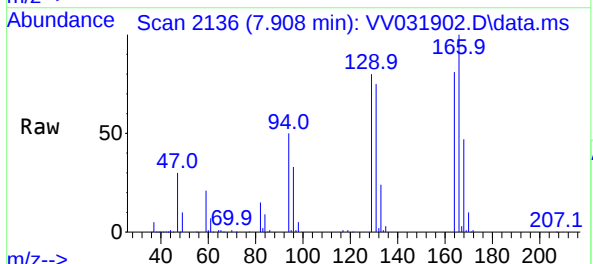
Instrument :
MSVOA_V
ClientSampleId :

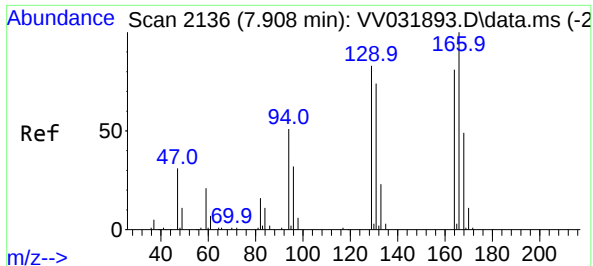
Tgt Ion:	83	Resp:	34245
Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.4	82.4
127	8.2	6.2	9.4



#45
1,1,2-Trichloroethane
Concen: 0.156 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

Tgt Ion:	97	Resp:	757
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.3	82.3#
83	253.1	62.7	116.5#
85	48.7	40.0	74.4





#47

Tetrachloroethene

Concen: 14.446 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031902.D

Acq: 24 Aug 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 66255

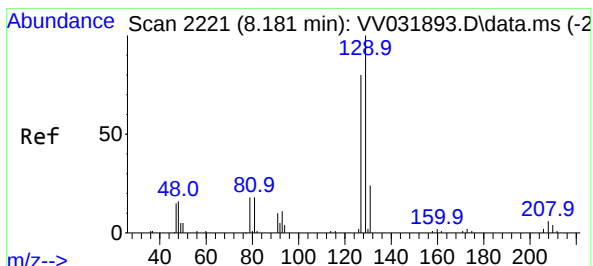
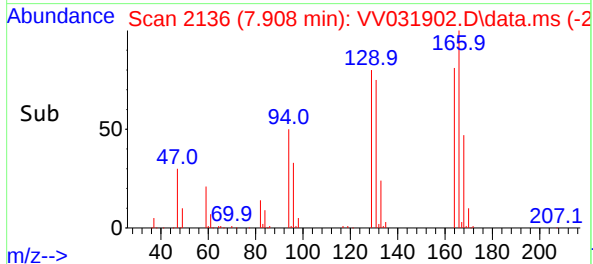
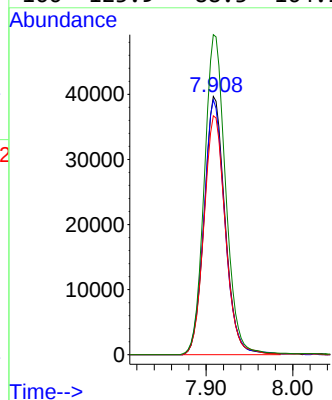
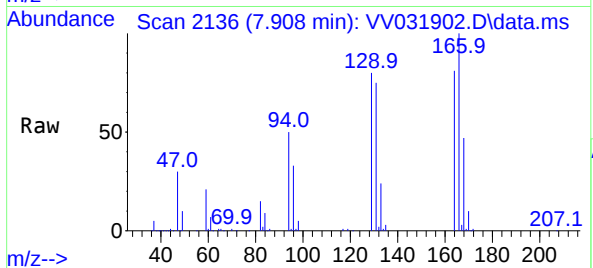
Ion Ratio Lower Upper

164 100

129 98.7 70.6 131.2

131 92.5 64.6 120.0

166 123.9 88.3 164.1



#49

Dibromochloromethane

Concen: 5.616 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV031902.D

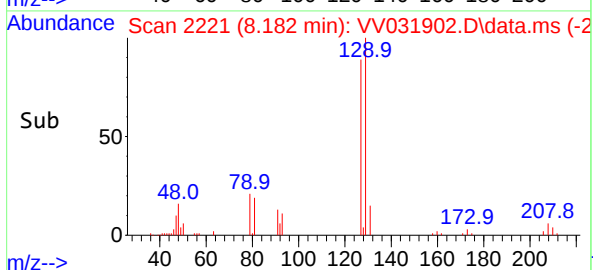
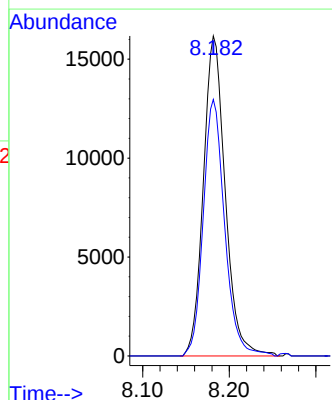
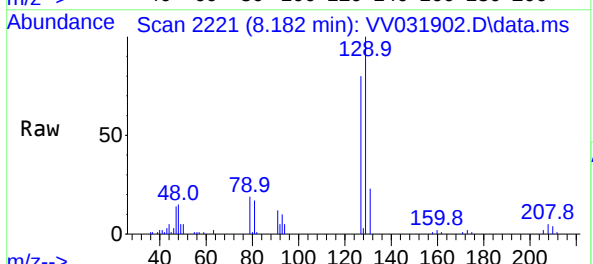
Acq: 24 Aug 2023 11:44

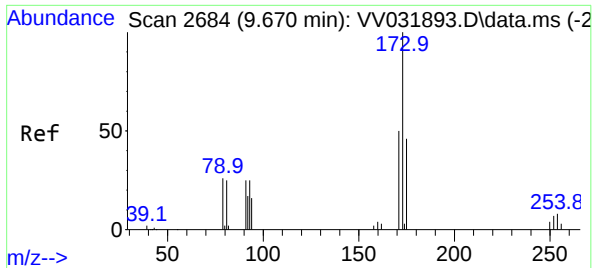
Tgt Ion:129 Resp: 28349

Ion Ratio Lower Upper

129 100

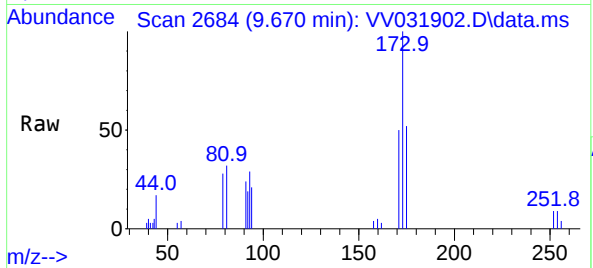
127 80.1 53.7 99.7



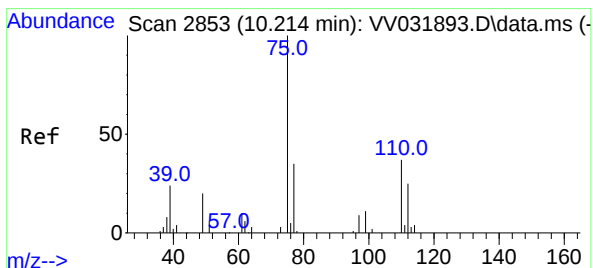
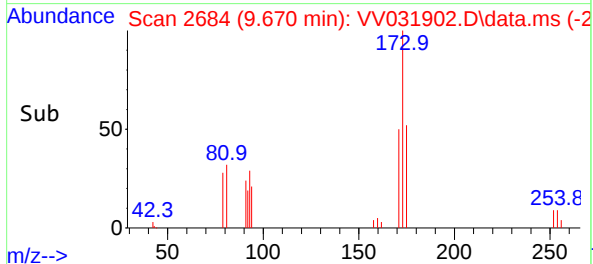
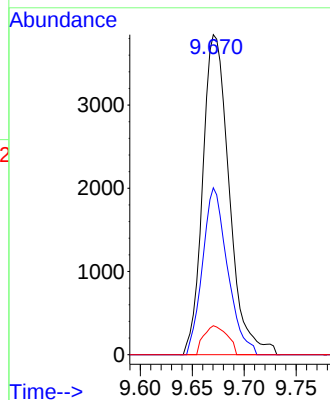


#59
Bromoform
Concen: 2.588 ug/L
RT: 9.670 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

Instrument :
MSVOA_V
ClientSampleId :

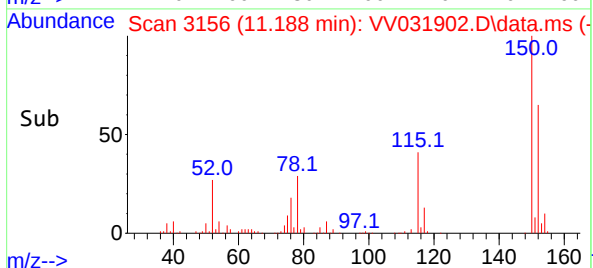
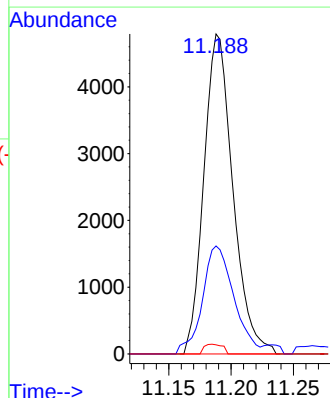
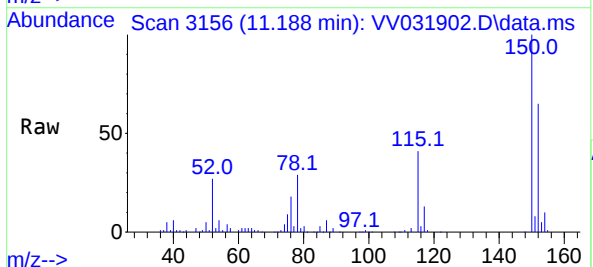


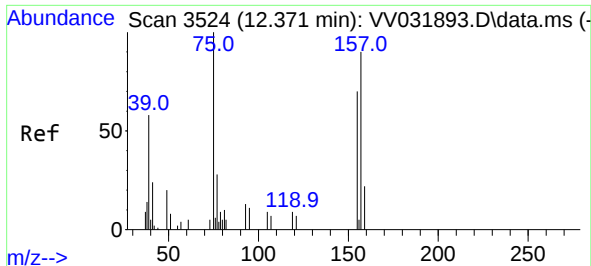
Tgt Ion:173 Resp: 6832
Ion Ratio Lower Upper
173 100
175 49.0 38.0 57.0
254 8.0 6.8 10.2



#61
1,2,3-Trichloropropane
Concen: 1.884 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

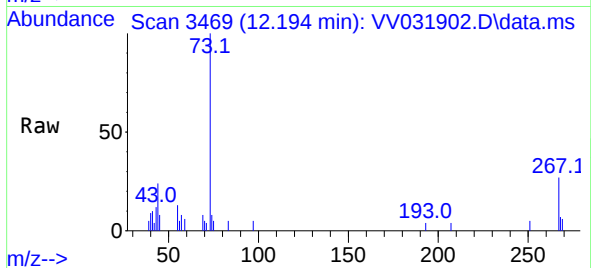
Tgt Ion: 75 Resp: 7753
Ion Ratio Lower Upper
75 100
77 36.6 28.8 43.2
110 1.9 30.2 45.2#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.250 ug/L
RT: 12.194 min Scan# 34
Delta R.T. -0.177 min
Lab File: VV031902.D
Acq: 24 Aug 2023 11:44

Instrument :
MSVOA_V
ClientSampleId :



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

