

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031901.D
 Acq On : 24 Aug 2023 11:22
 Operator : SY/MD
 Sample : 04115-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:44:56 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)

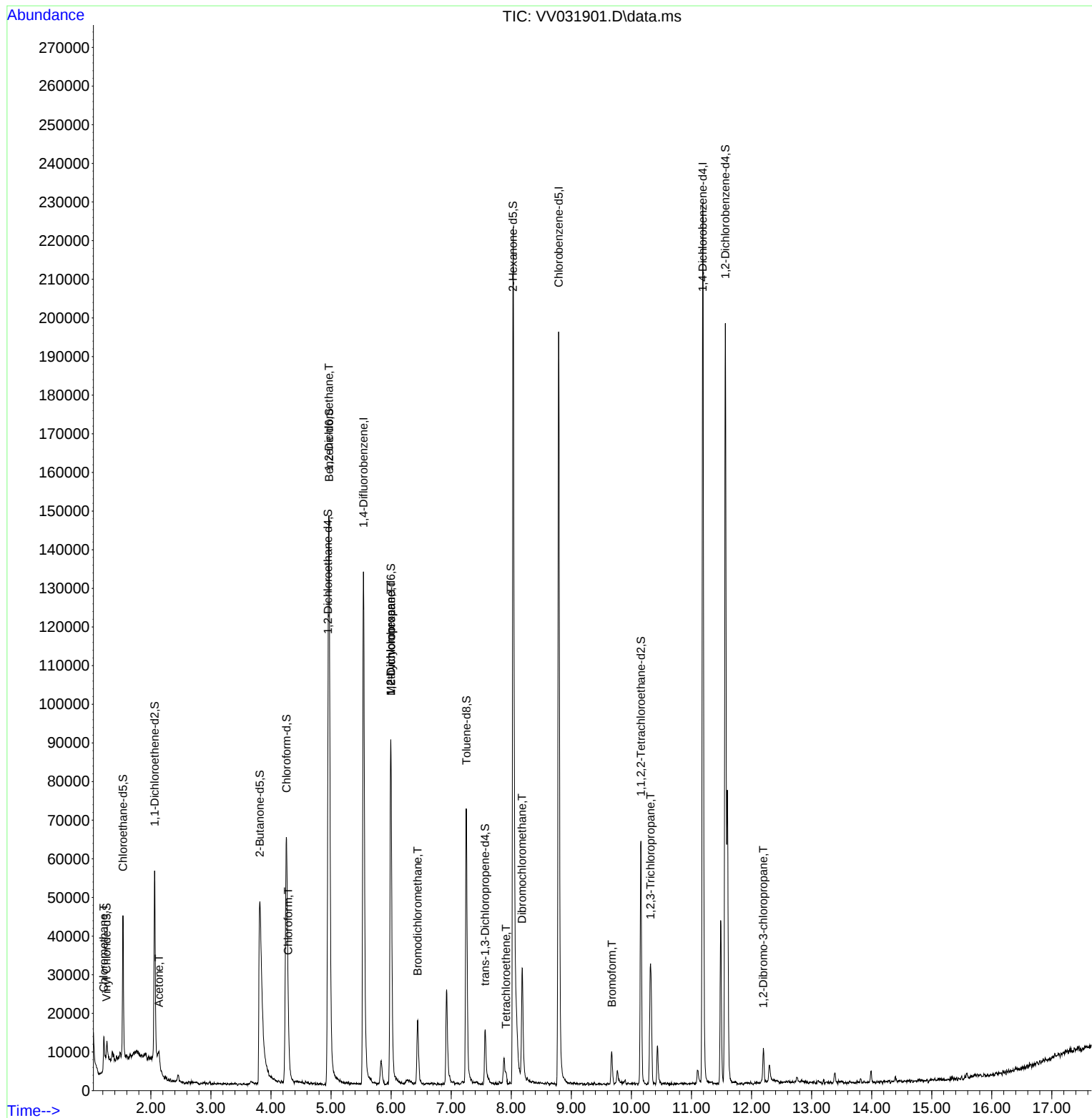
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.262	65	20	0.005	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.536	69	23465	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.063	65	9016	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.815	46	109380	57.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	4.256	84	67321	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.950	65	35355	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.966	84	135878	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	5.995	67	45976	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.252	98	50496	2.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	44.200%#
43) trans-1,3-Dichloroprop...	7.564	79	9907	3.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.030	63	83289	49.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32056	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	47884	5.262	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4567	0.646	ug/L	93
13) Acetone	2.137	43	2747	2.469	ug/L	95
25) Chloroform	4.288	83	7427	0.600	ug/L	99
27) 1,2-Dichloroethane	4.963	62	779	0.105	ug/L #	75
35) Methylcyclohexane	5.995	83	11007	1.039	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	5564	0.811	ug/L #	87
38) Bromodichloromethane	6.442	83	11845	1.333	ug/L	94
47) Tetrachloroethene	7.915	164	650	0.140	ug/L	95
49) Dibromochloromethane	8.182	129	14295	2.792	ug/L	97
59) Bromoform	9.673	173	3681	1.387	ug/L	94
61) 1,2,3-Trichloropropane	10.320	75	537	0.130	ug/L #	56
68) 1,2-Dibromo-3-chloropr...	12.194	75	346	0.369	ug/L #	9

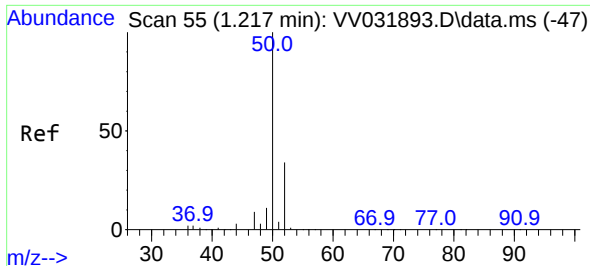
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
Data File : VV031901.D
Acq On : 24 Aug 2023 11:22
Operator : SY/MD
Sample : 04115-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 24 12:44:56 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

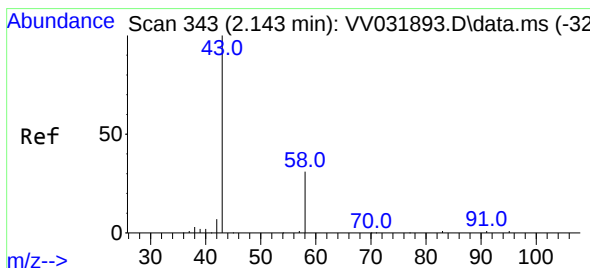
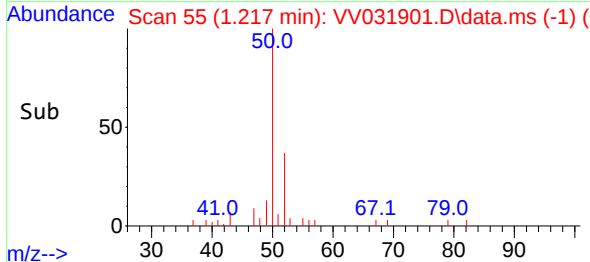
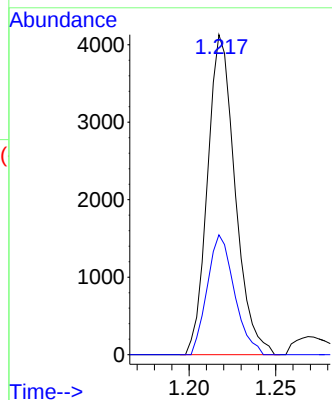
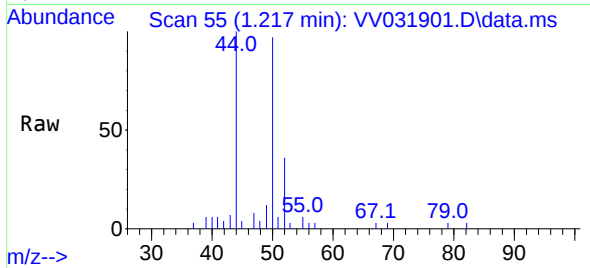




#3
Chloromethane
Concen: 0.646 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

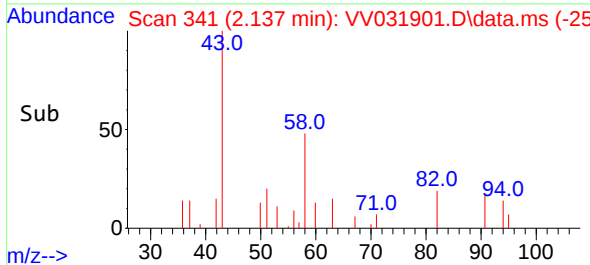
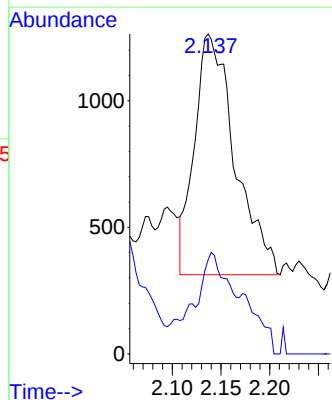
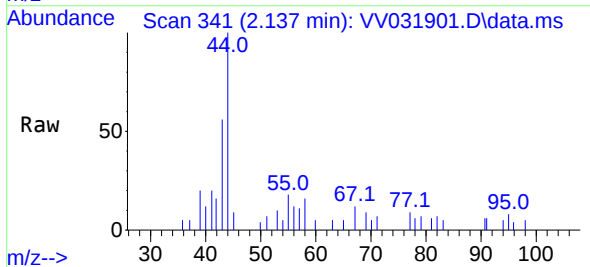
Instrument :
MSVOA_V
ClientSampleId :

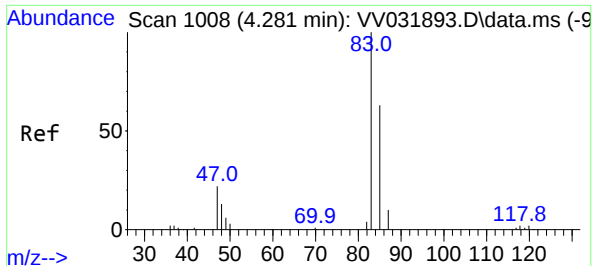
Tgt Ion: 50 Resp: 4567
Ion Ratio Lower Upper
50 100
52 37.5 23.3 43.3



#13
Acetone
Concen: 2.469 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.006 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

Tgt Ion: 43 Resp: 2747
Ion Ratio Lower Upper
43 100
58 20.8 0.0 37.0





#25

Chloroform

Concen: 0.600 ug/L

RT: 4.288 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Instrument :

MSVOA_V

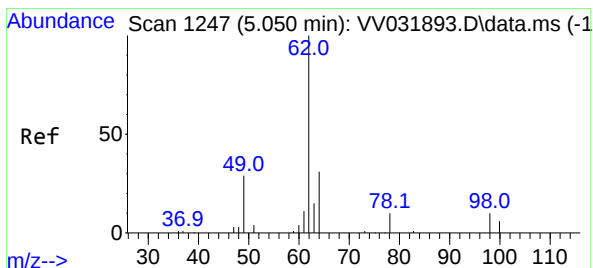
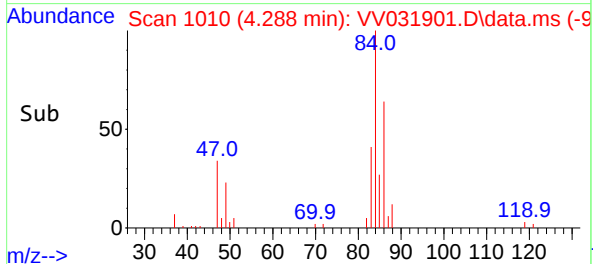
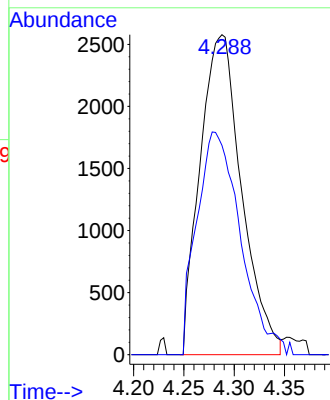
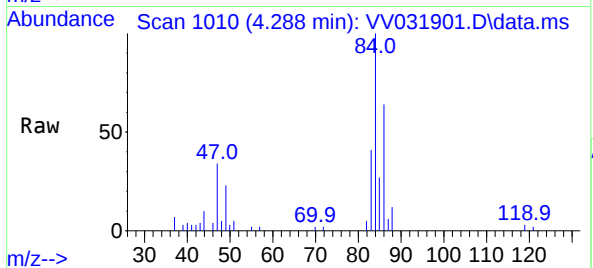
ClientSampleId :

Tgt Ion: 83 Resp: 7427

Ion Ratio Lower Upper

83 100

85 65.4 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 4.963 min Scan# 1220

Delta R.T. -0.087 min

Lab File: VV031901.D

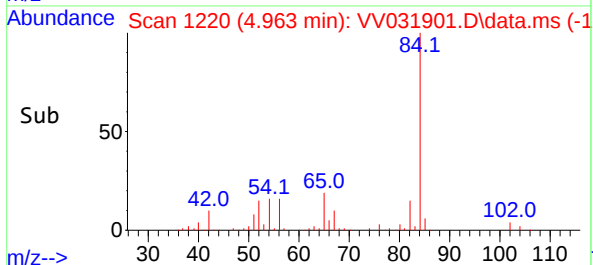
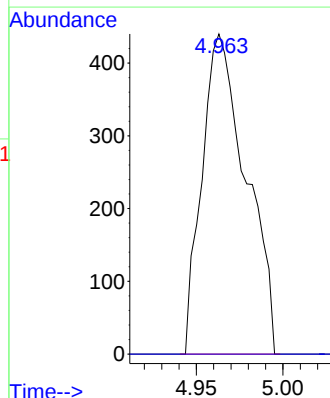
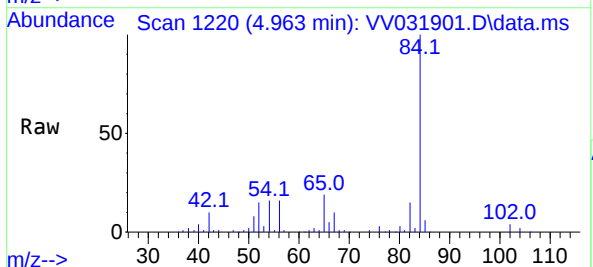
Acq: 24 Aug 2023 11:22

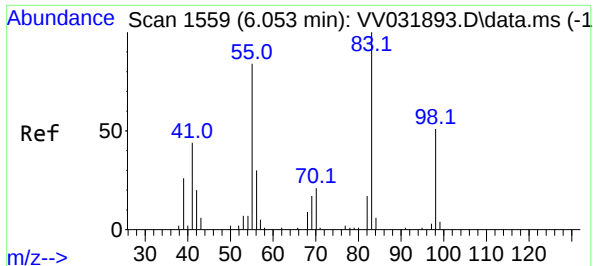
Tgt Ion: 62 Resp: 779

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

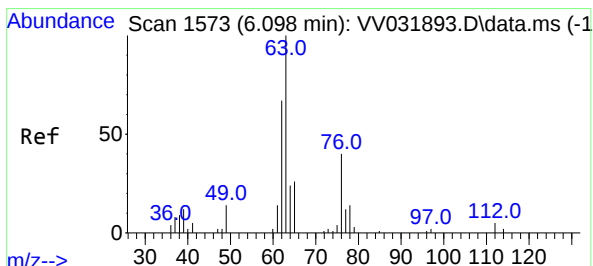
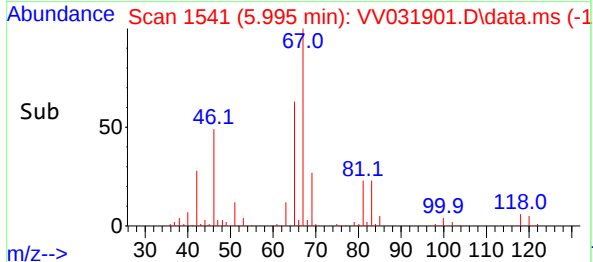
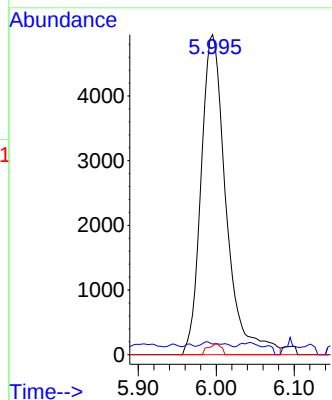
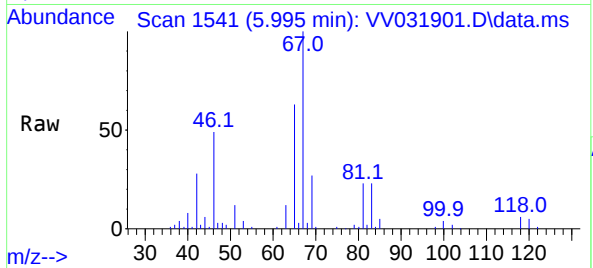




#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

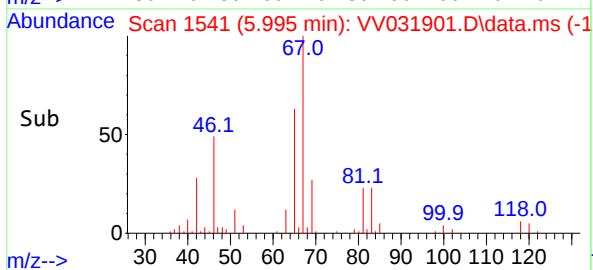
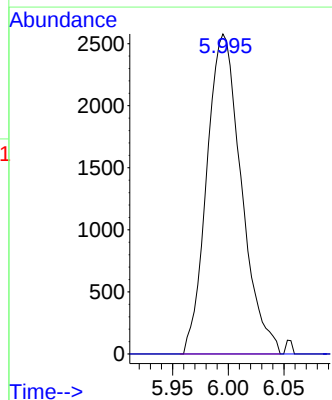
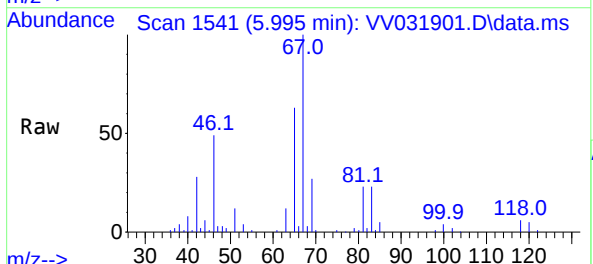
Instrument :
MSVOA_V
ClientSampleId :

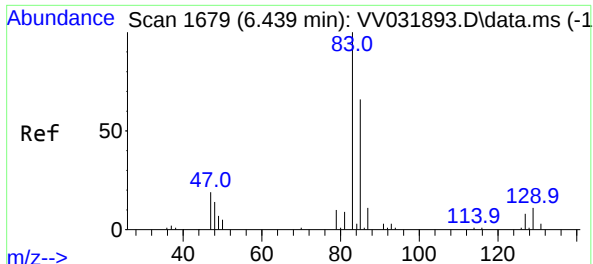
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	62.6	94.0#
98	1.8	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 0.811 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

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





#38

Bromodichloromethane

Concen: 1.333 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Instrument :

MSVOA_V

ClientSampleId :

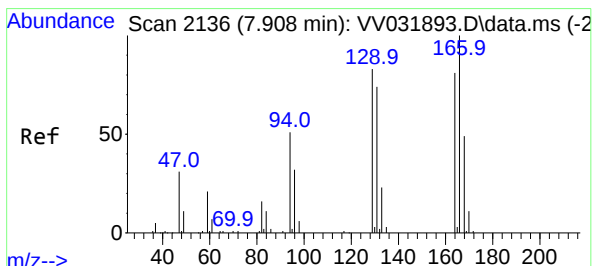
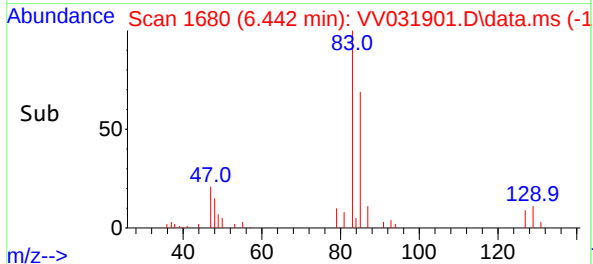
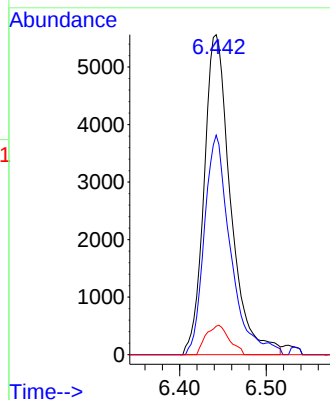
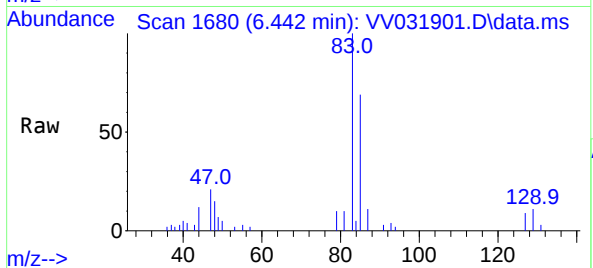
Tgt Ion: 83 Resp: 11845

Ion Ratio Lower Upper

83 100

85 68.6 44.4 82.4

127 8.9 6.2 9.4



#47

Tetrachloroethene

Concen: 0.140 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Tgt Ion:164 Resp: 650

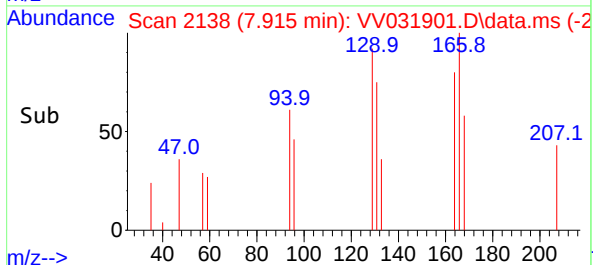
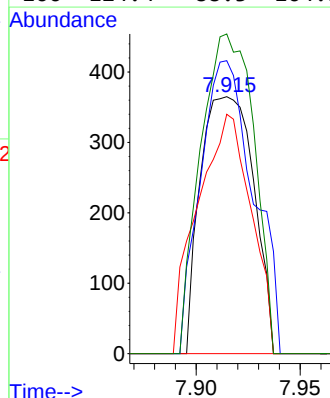
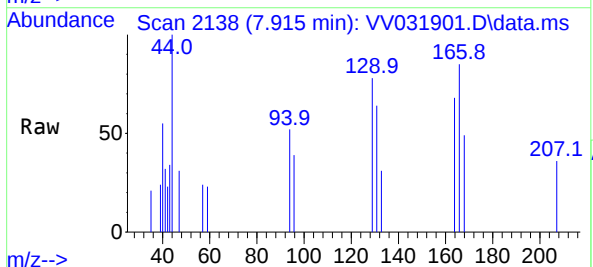
Ion Ratio Lower Upper

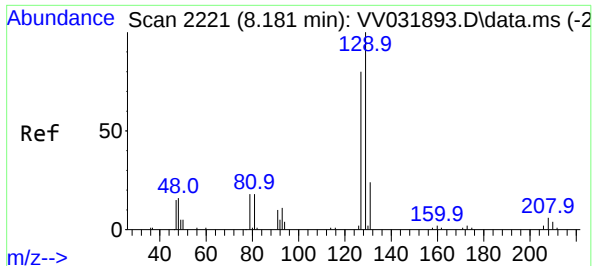
164 100

129 114.0 70.6 131.2

131 93.2 64.6 120.0

166 124.4 88.3 164.1

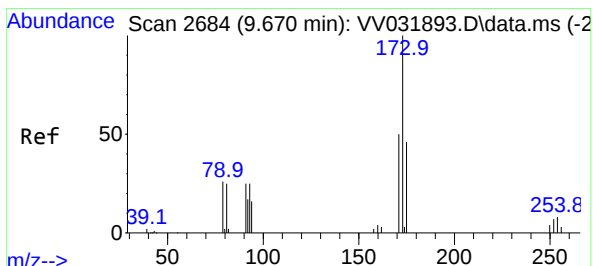
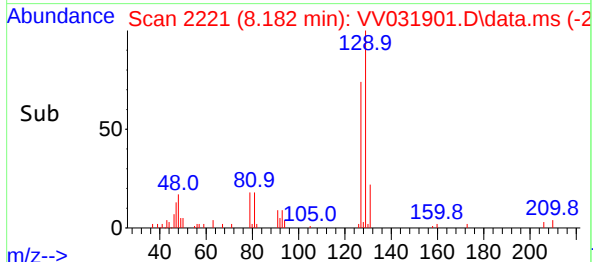
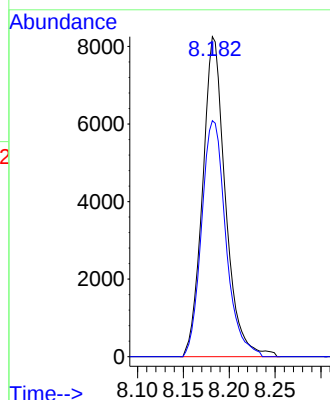
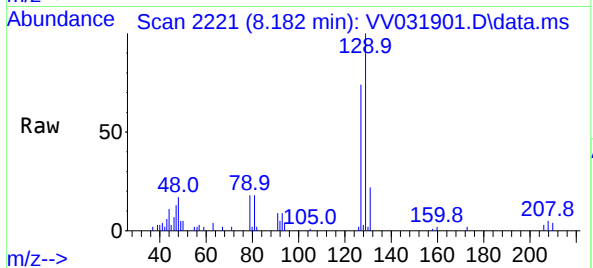




#49
Dibromochloromethane
Concen: 2.792 ug/L
RT: 8.182 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

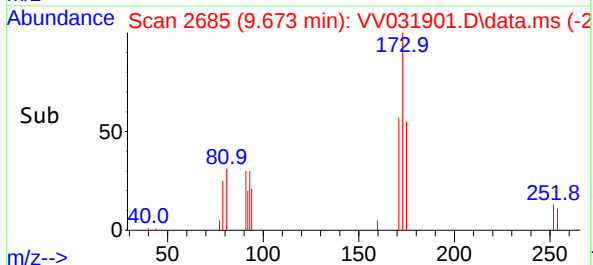
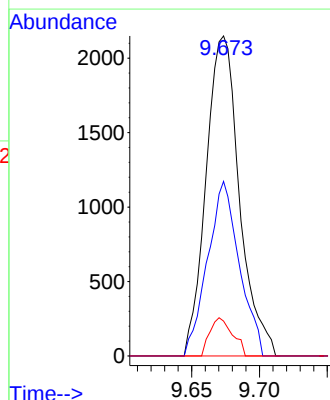
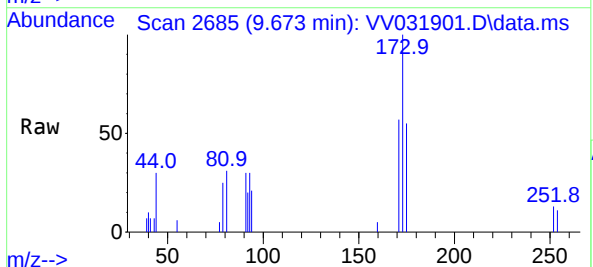
Instrument :
MSVOA_V
ClientSampleId :

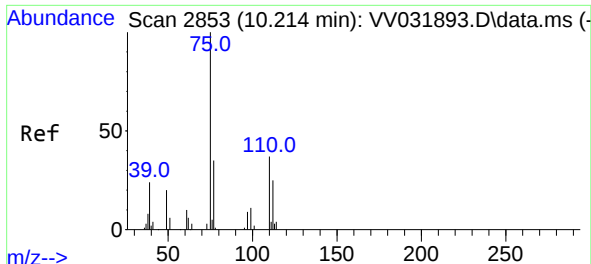
Tgt Ion:129 Resp: 14295
Ion Ratio Lower Upper
129 100
127 73.8 53.7 99.7



#59
Bromoform
Concen: 1.387 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

Tgt Ion:173 Resp: 3681
Ion Ratio Lower Upper
173 100
175 51.9 38.0 57.0
254 8.1 6.8 10.2

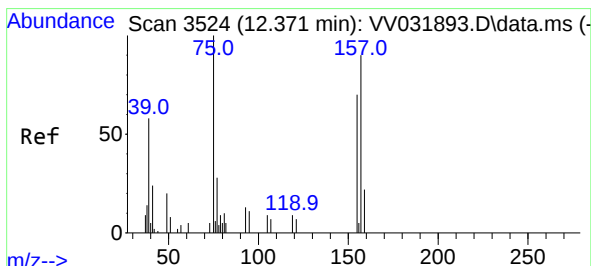
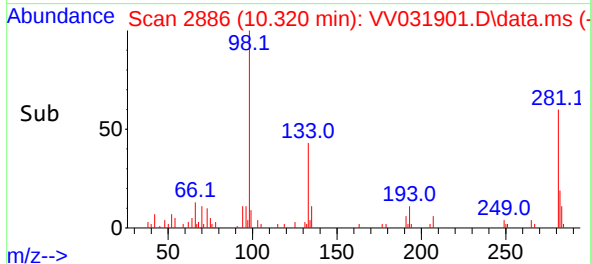
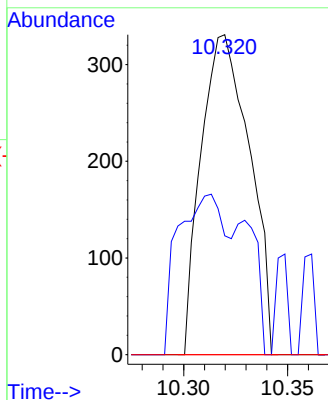
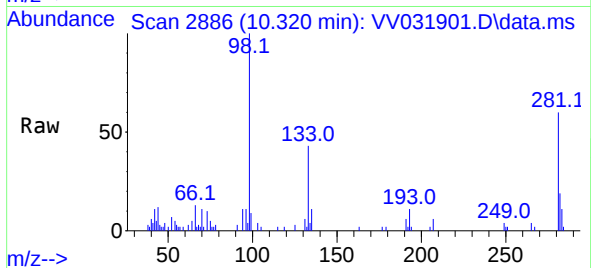




#61
1,2,3-Trichloropropane
Concen: 0.130 ug/L
RT: 10.320 min Scan# 21
Delta R.T. 0.106 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
75	100		
77	50.3	28.8	43.2#
110	0.0	30.2	45.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.369 ug/L
RT: 12.194 min Scan# 3469
Delta R.T. -0.177 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

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

