

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031888.D
 Acq On : 24 Aug 2023 00:45
 Operator : SY/MD
 Sample : 04115-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:01:49 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)

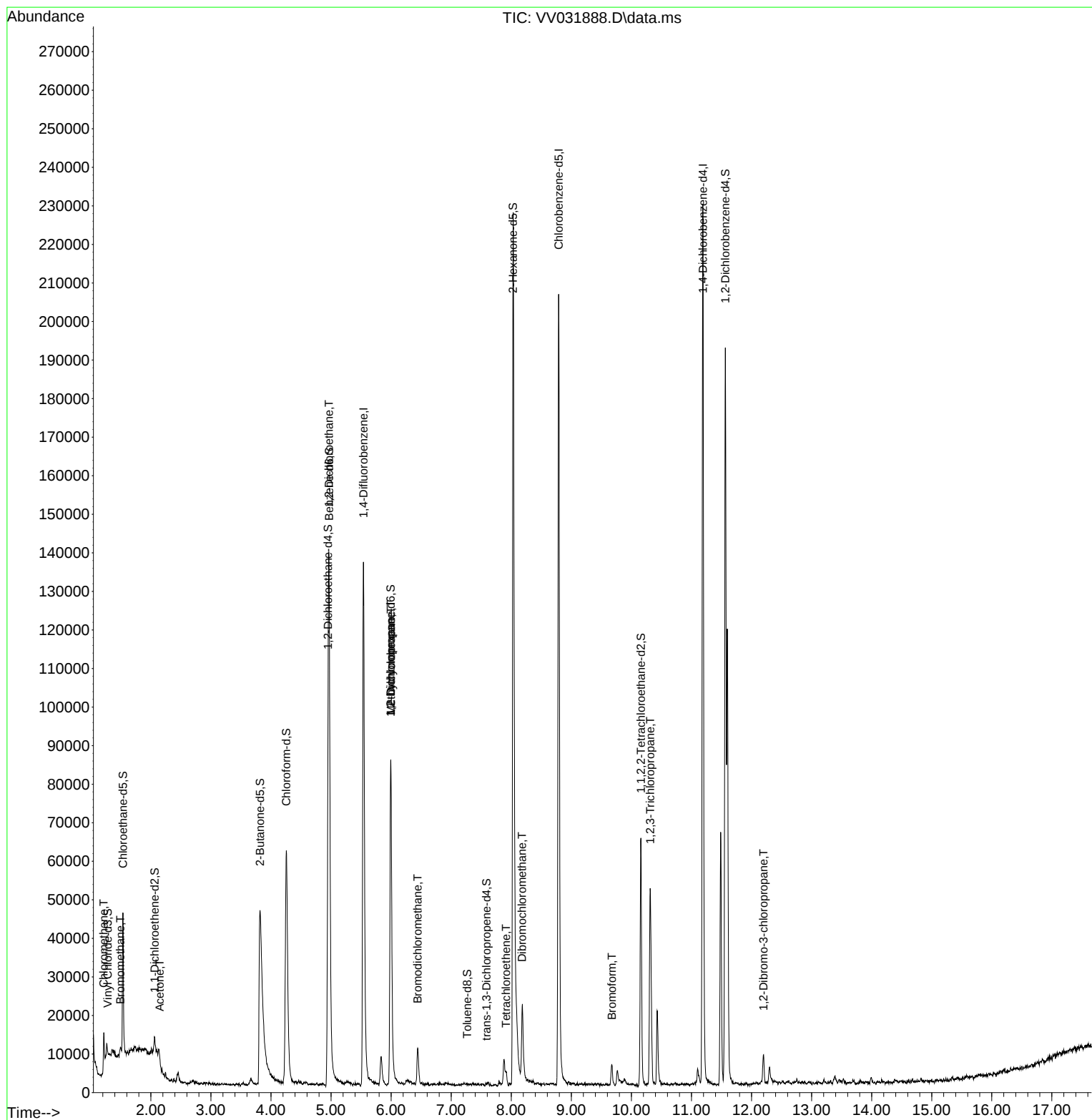
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	118321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61	0.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.535	69	22967	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.063	65	970	0.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.200%#
20) 2-Butanone-d5	3.818	46	114841	59.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	4.256	84	65562	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.950	65	35398	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.966	84	124906	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.992	67	43875	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.268	98	69	0.003	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	7.587	79	233	0.071	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	1.400%#
46) 2-Hexanone-d5	8.030	63	85178	48.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31325	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	46127	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4786	0.661	ug/L	99
6) Bromomethane	1.490	94	519	0.112	ug/L	92
13) Acetone	2.146	43	2775	2.435	ug/L	74
27) 1,2-Dichloroethane	4.963	62	773	0.102	ug/L #	75
35) Methylcyclohexane	5.995	83	10600	0.967	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4779	0.673	ug/L #	87
38) Bromodichloromethane	6.442	83	7236	0.787	ug/L #	93
47) Tetrachloroethene	7.915	164	794	0.165	ug/L	94
49) Dibromochloromethane	8.181	129	8939	1.688	ug/L	96
59) Bromoform	9.673	173	2458	0.894	ug/L #	91
61) 1,2,3-Trichloropropane	10.313	75	770	0.180	ug/L #	58
68) 1,2-Dibromo-3-chloropr...	12.197	75	259	0.267	ug/L #	9

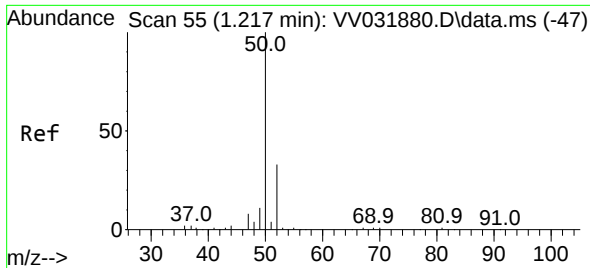
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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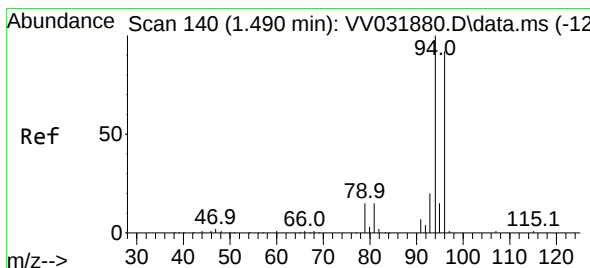
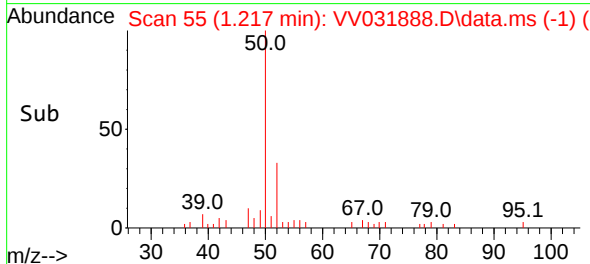
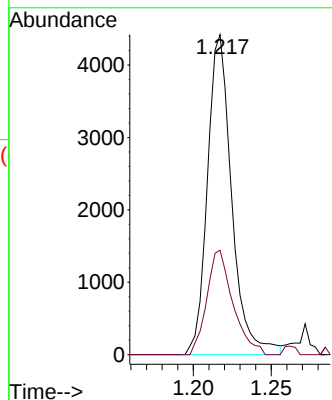
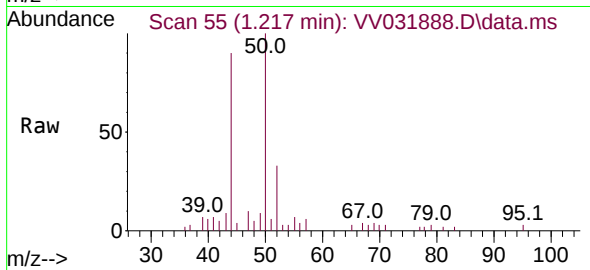




#3
Chloromethane
Concen: 0.661 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

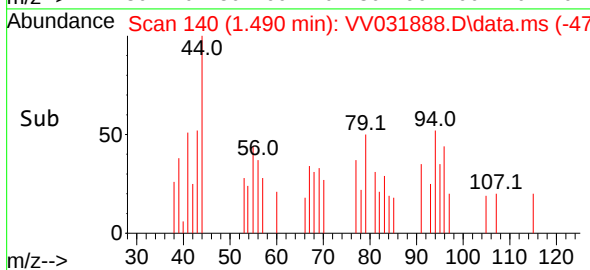
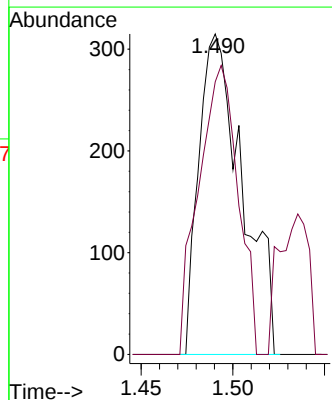
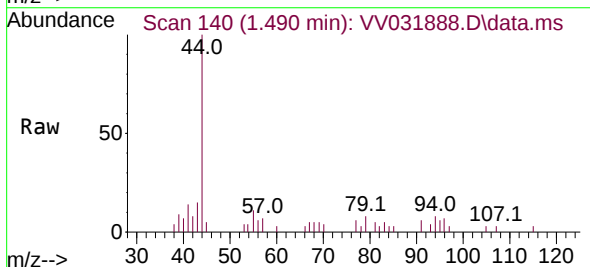
Instrument :
MSVOA_V
ClientSampleId :

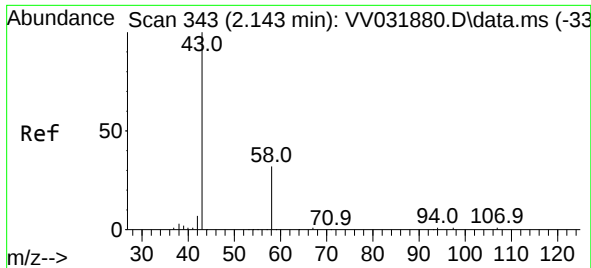
Tgt Ion: 50 Resp: 4786
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3



#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 85.1 65.0 120.8





#13

Acetone

Concen: 2.435 ug/L

RT: 2.146 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV031888.D

Acq: 24 Aug 2023 00:45

Instrument :

MSVOA_V

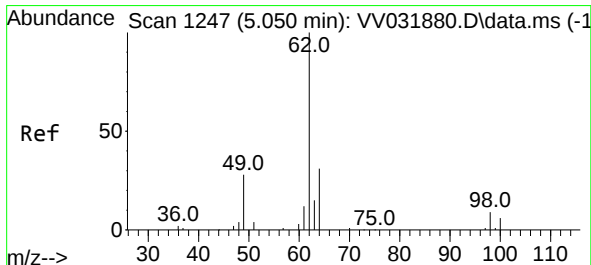
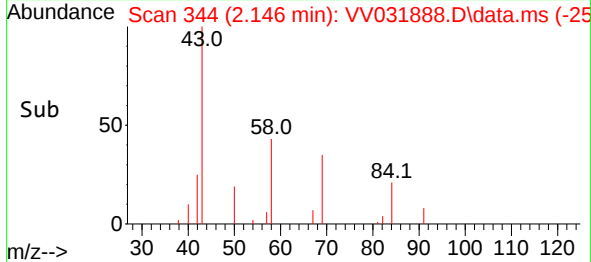
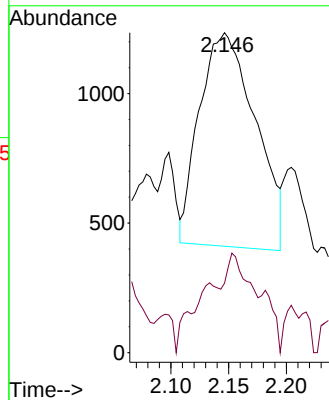
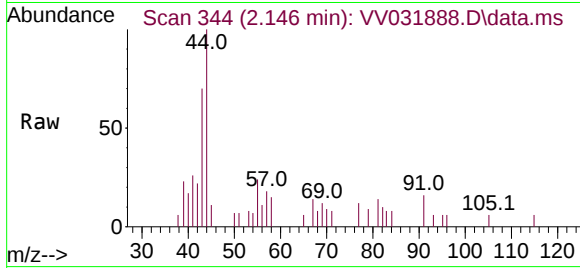
ClientSampleId :

Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

43 100

58 7.1 0.0 37.0



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 4.963 min Scan# 1220

Delta R.T. -0.087 min

Lab File: VV031888.D

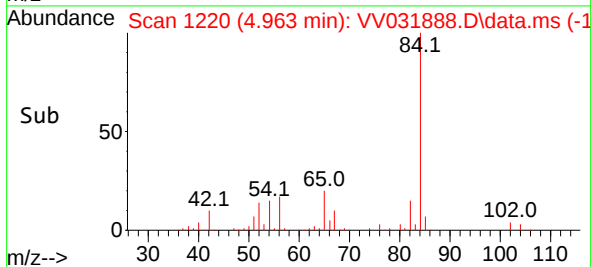
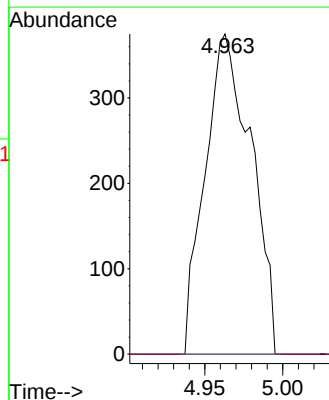
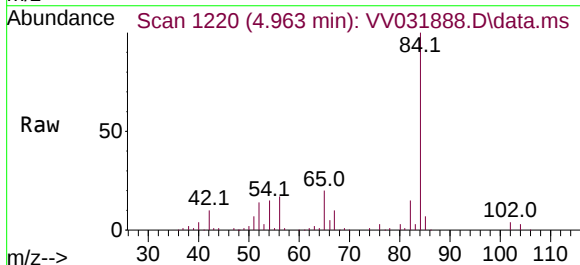
Acq: 24 Aug 2023 00:45

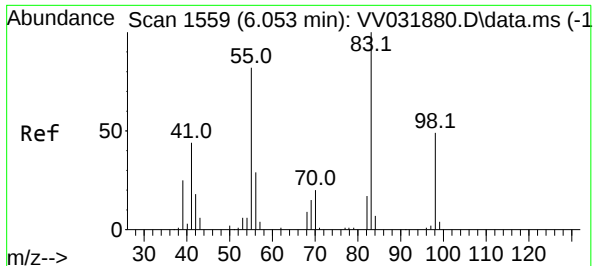
Tgt Ion: 62 Resp: 773

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

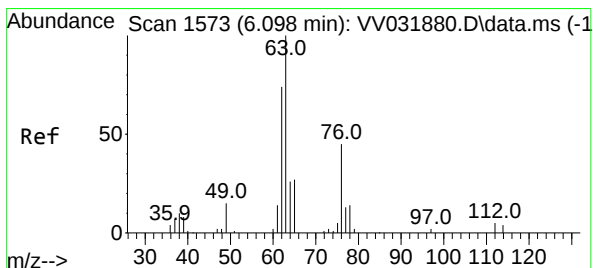
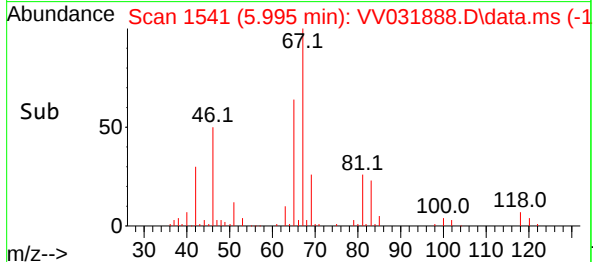
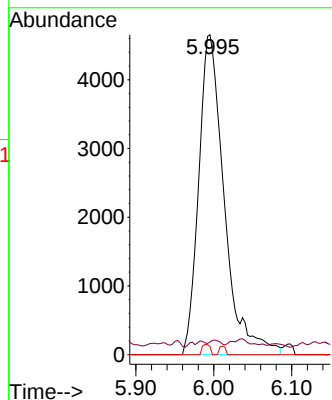
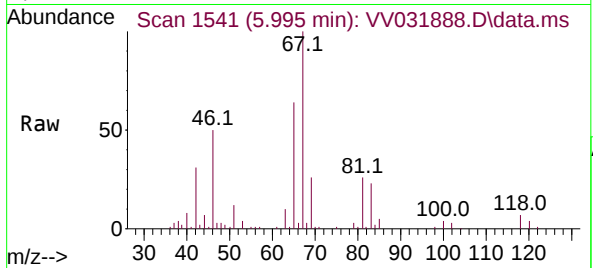




#35
Methylcyclohexane
Concen: 0.967 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

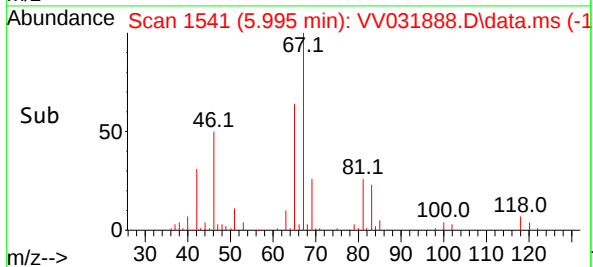
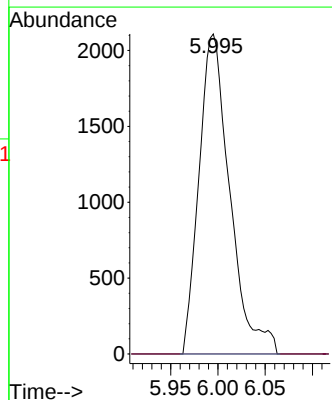
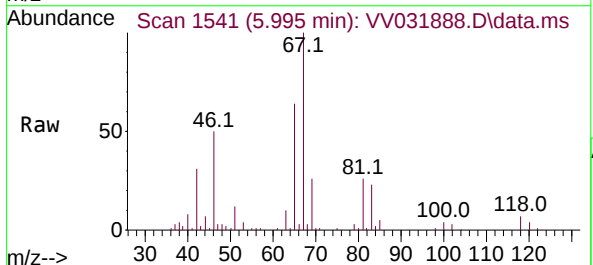
Instrument :
MSVOA_V
ClientSampleId :

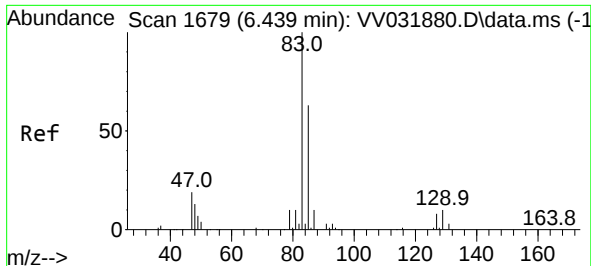
Tgt Ion: 83 Resp: 10600
Ion Ratio Lower Upper
83 100
55 0.7 62.6 94.0#
98 1.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

Tgt Ion: 63 Resp: 4779
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.787 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.003 min

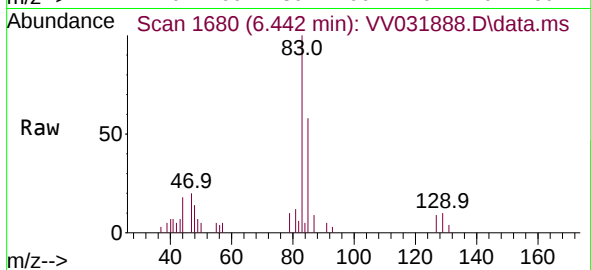
Lab File: VV031888.D

Acq: 24 Aug 2023 00:45

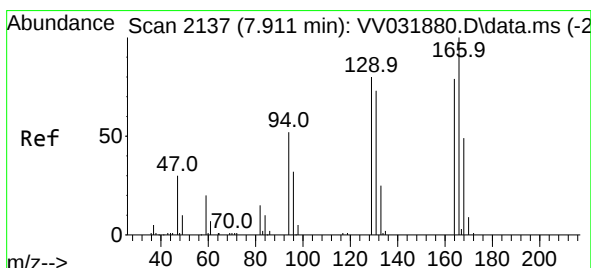
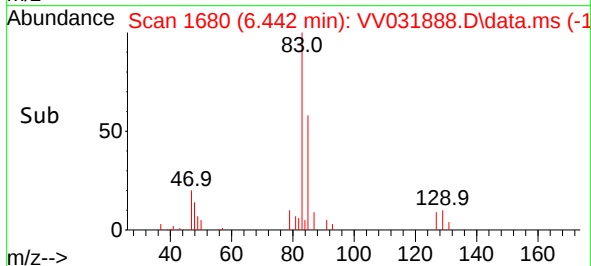
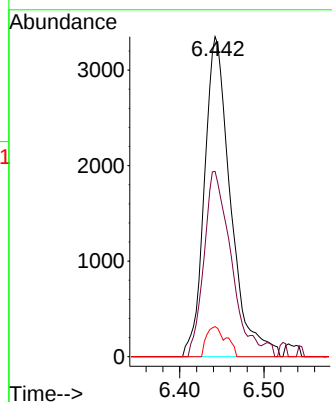
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	7236
Ion	Ratio	Lower	Upper
83	100		
85	57.9	44.4	82.4
127	9.4	6.2	9.4#



#47

Tetrachloroethene

Concen: 0.165 ug/L

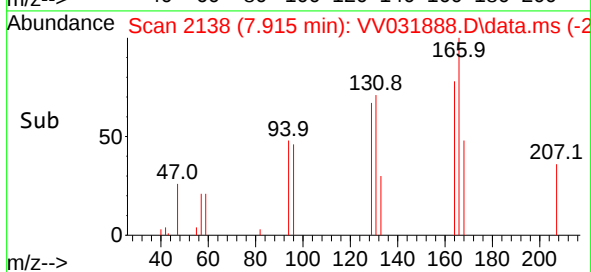
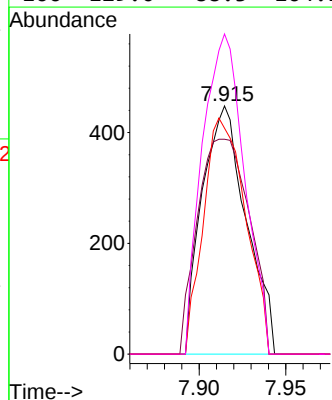
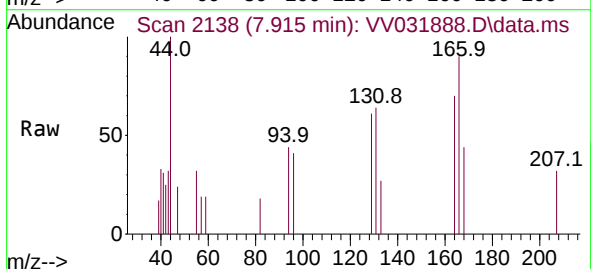
RT: 7.915 min Scan# 2138

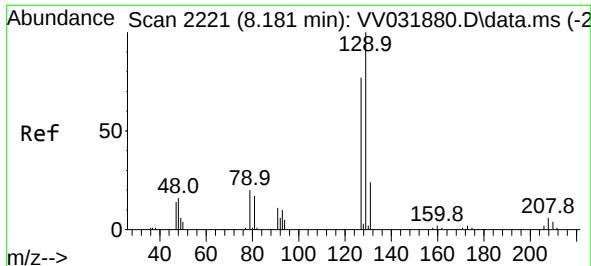
Delta R.T. 0.003 min

Lab File: VV031888.D

Acq: 24 Aug 2023 00:45

Tgt Ion:	164	Resp:	794
Ion	Ratio	Lower	Upper
164	100		
129	86.6	70.6	131.2
131	91.1	64.6	120.0
166	129.0	88.3	164.1





#49

Dibromochloromethane

Concen: 1.688 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031888.D

Acq: 24 Aug 2023 00:45

Instrument :

MSVOA_V

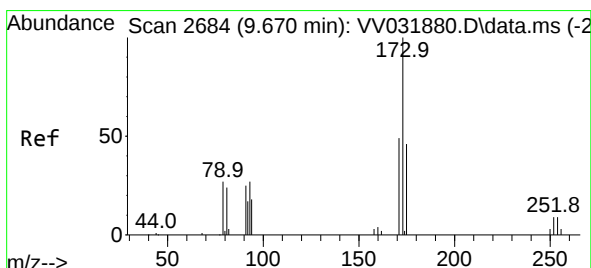
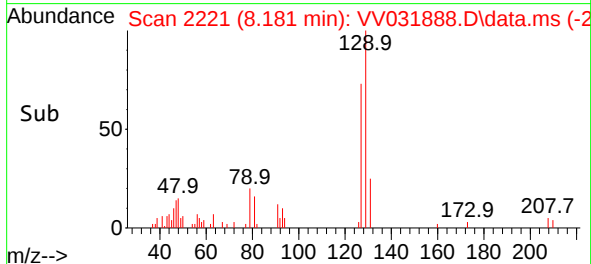
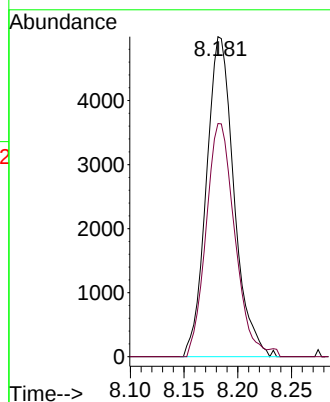
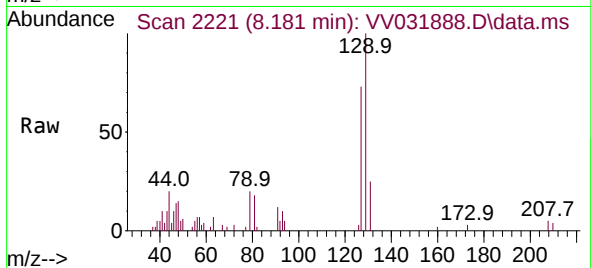
ClientSampleId :

Tgt Ion:129 Resp: 8939

Ion Ratio Lower Upper

129 100

127 72.9 53.7 99.7



#59

Bromoform

Concen: 0.894 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031888.D

Acq: 24 Aug 2023 00:45

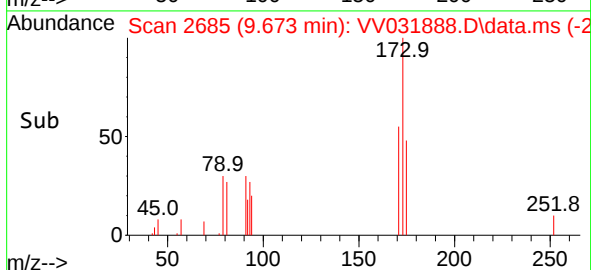
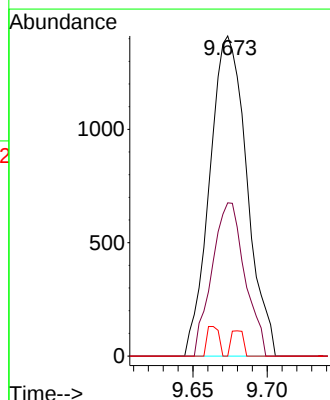
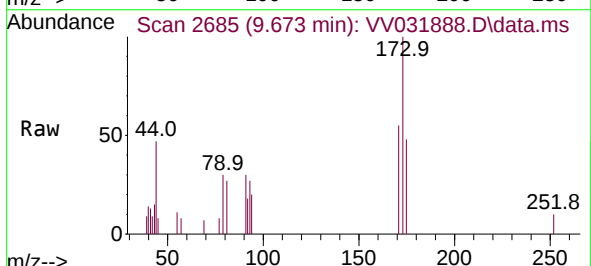
Tgt Ion:173 Resp: 2458

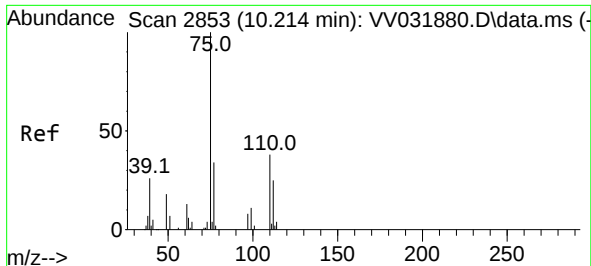
Ion Ratio Lower Upper

173 100

175 42.4 38.0 57.0

254 2.6 6.8 10.2#

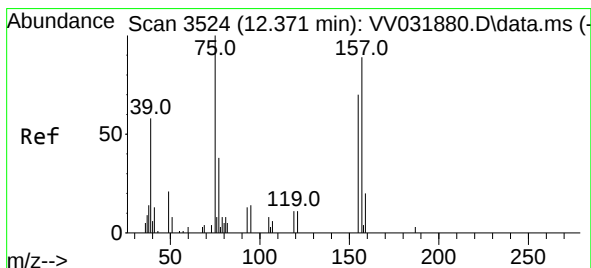
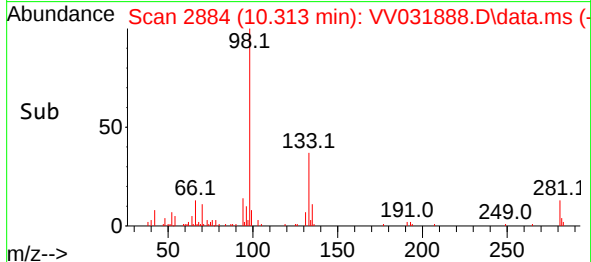
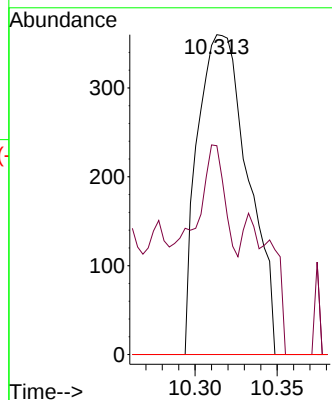
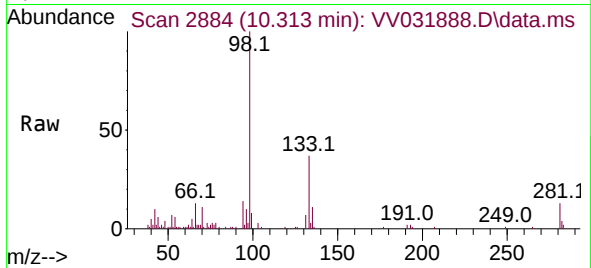




#61
 1,2,3-Trichloropropane
 Concen: 0.180 ug/L
 RT: 10.313 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: VV031888.D
 Acq: 24 Aug 2023 00:45

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 770
 Ion Ratio Lower Upper
 75 100
 77 24.3 28.8 43.2#
 110 0.0 30.2 45.2#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.267 ug/L
 RT: 12.197 min Scan# 3470
 Delta R.T. -0.174 min
 Lab File: VV031888.D
 Acq: 24 Aug 2023 00:45

Tgt Ion: 75 Resp: 259
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.1 84.1#
 157 0.0 71.1 106.7#

