

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031887.D
 Acq On : 24 Aug 2023 00:21
 Operator : SY/MD
 Sample : 04115-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:01:34 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)

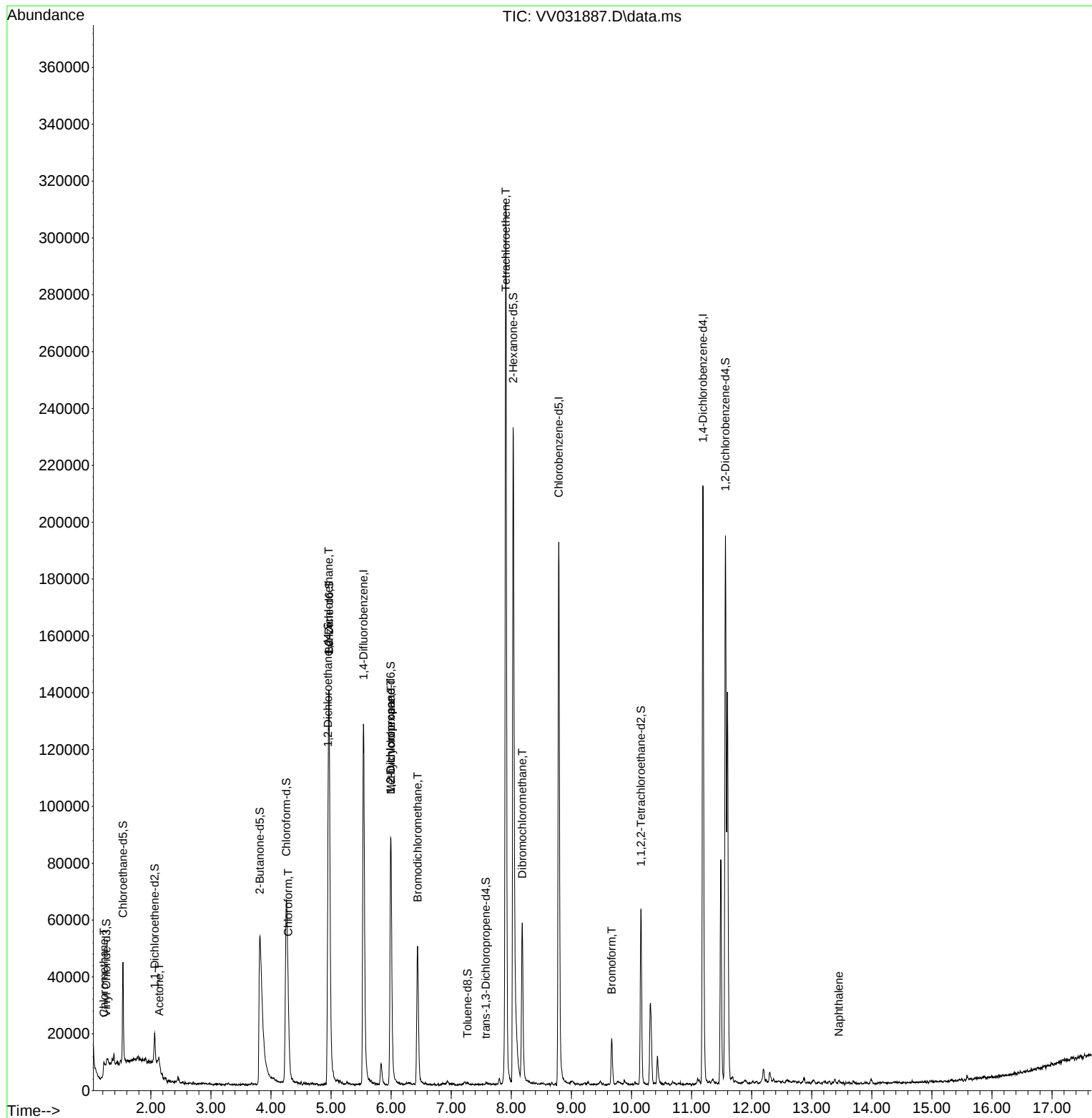
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	52843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.259	65	44	0.012	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.536	69	22732	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.063	65	2002	0.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	18.200%#
20) 2-Butanone-d5	3.812	46	112765	62.383	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.760%
24) Chloroform-d	4.256	84	65125	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.950	65	35431	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.966	84	126552	5.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	5.992	67	44886	5.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.269	98	343	0.016	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	7.574	79	407	0.134	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	2.600%#
46) 2-Hexanone-d5	8.031	63	88937	55.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31653	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	46626	5.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1863	0.275	ug/L	97
13) Acetone	2.140	43	1650	1.549	ug/L	95
25) Chloroform	4.285	83	20941	1.768	ug/L	96
27) 1,2-Dichloroethane	4.960	62	773	0.109	ug/L #	75
35) Methylcyclohexane	5.995	83	10596	1.045	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	5051	0.769	ug/L #	87
38) Bromodichloromethane	6.439	83	34232	4.028	ug/L	96
47) Tetrachloroethene	7.908	164	66259	14.889	ug/L	97
49) Dibromochloromethane	8.182	129	29082	5.937	ug/L	99
59) Bromoform	9.670	173	7168	2.871	ug/L	97
71) Naphthalene	13.452	128	1094	0.066	ug/L #	74

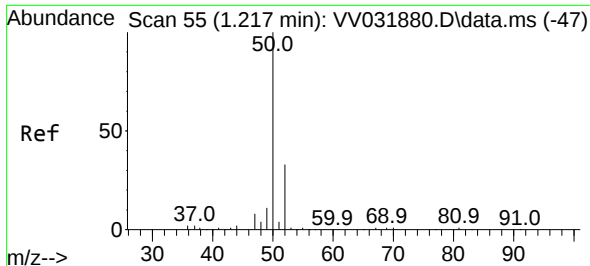
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
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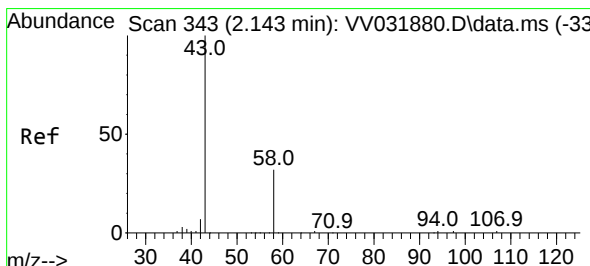
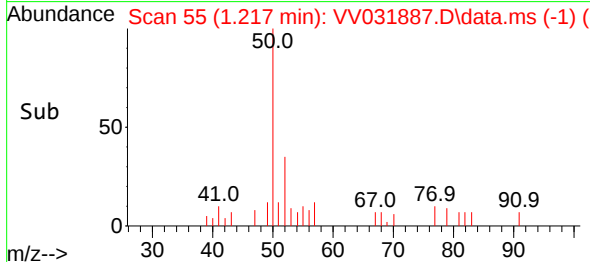
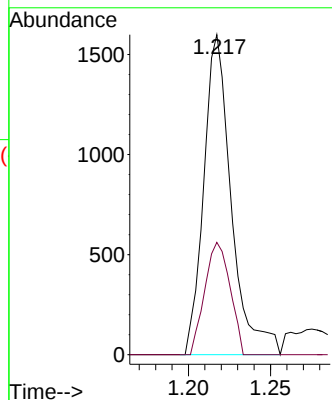
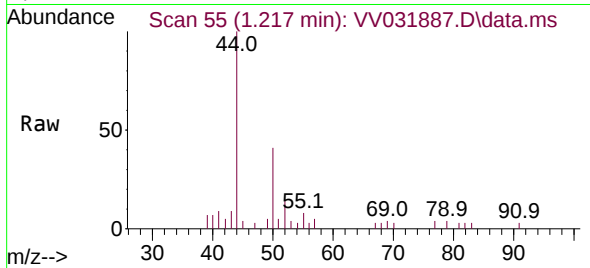




#3
Chloromethane
Concen: 0.275 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

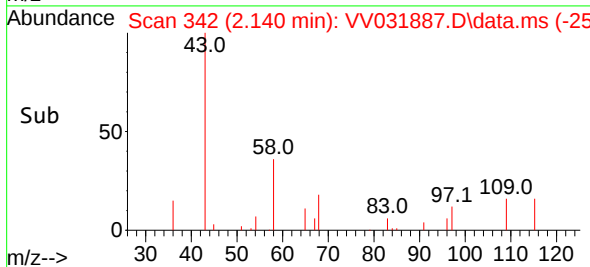
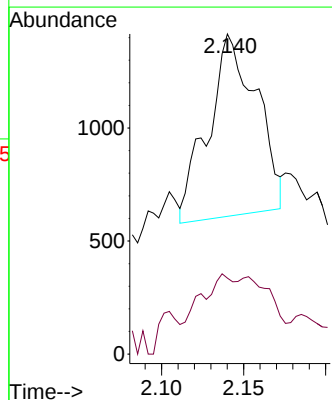
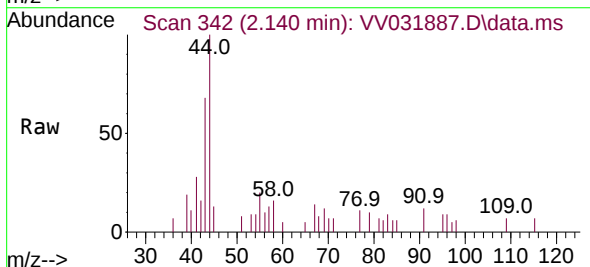
Instrument :
MSVOA_V
ClientSampleId :

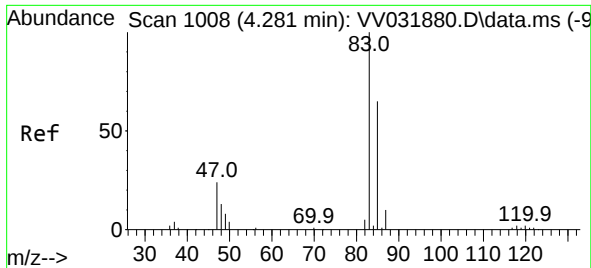
Tgt Ion: 50 Resp: 1863
Ion Ratio Lower Upper
50 100
52 35.1 23.3 43.3



#13
Acetone
Concen: 1.549 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.003 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 16.2 0.0 37.0





#25

Chloroform

Concen: 1.768 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031887.D

Acq: 24 Aug 2023 00:21

Instrument :

MSVOA_V

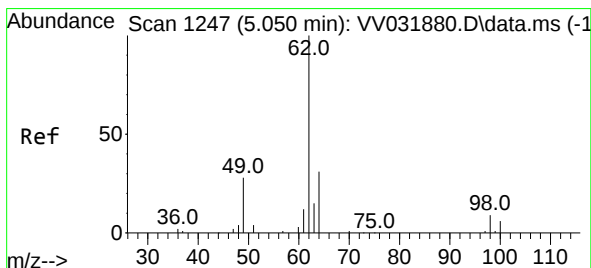
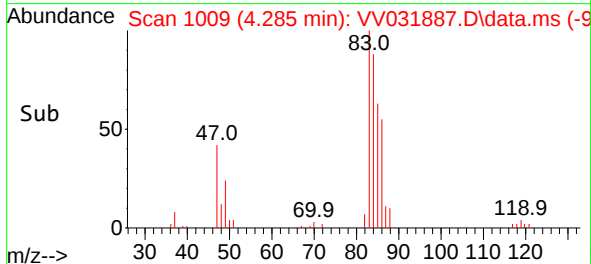
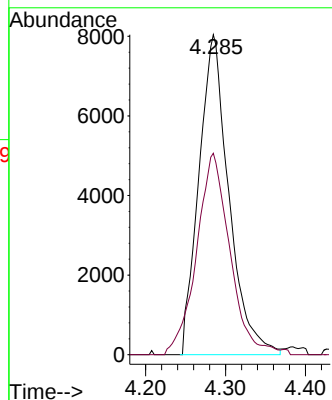
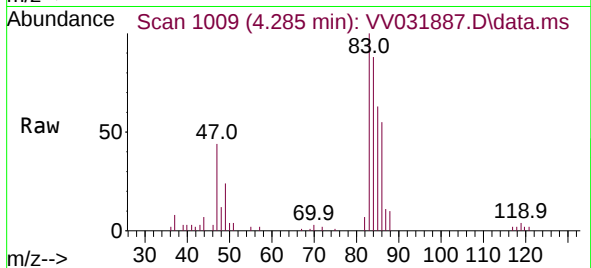
ClientSampleId :

Tgt Ion: 83 Resp: 20941

Ion Ratio Lower Upper

83 100

85 62.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 4.960 min Scan# 1219

Delta R.T. -0.090 min

Lab File: VV031887.D

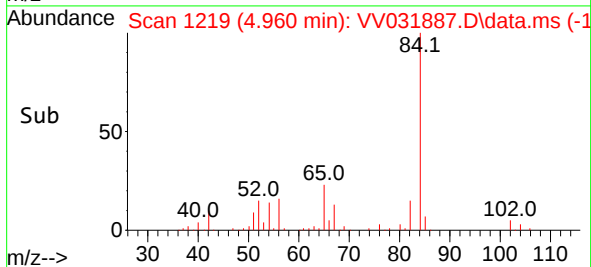
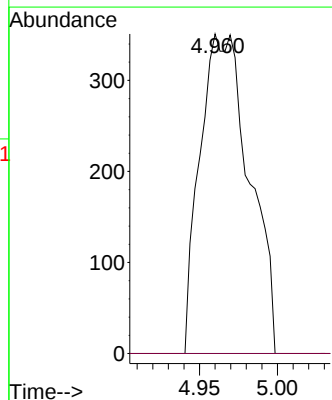
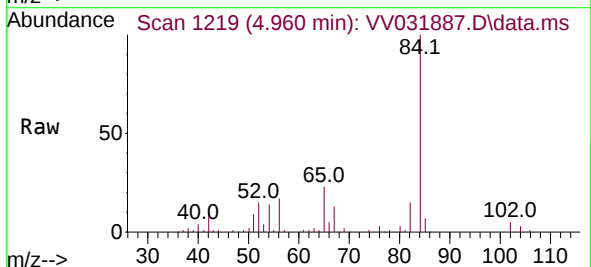
Acq: 24 Aug 2023 00:21

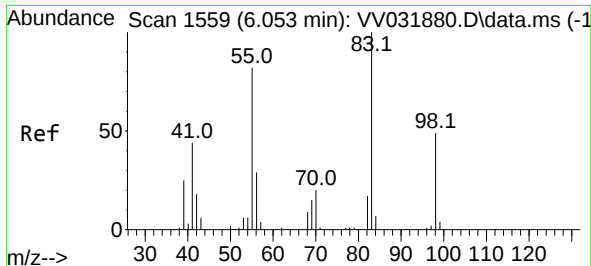
Tgt Ion: 62 Resp: 773

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

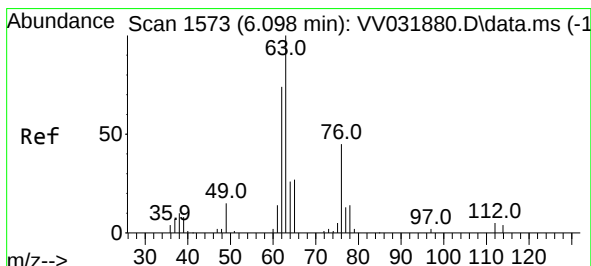
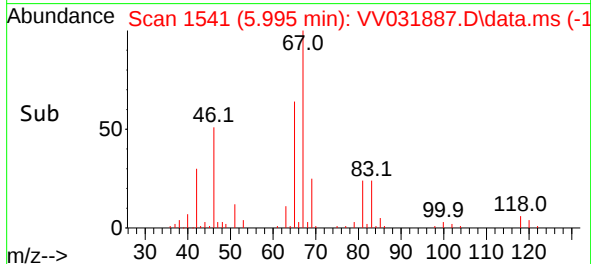
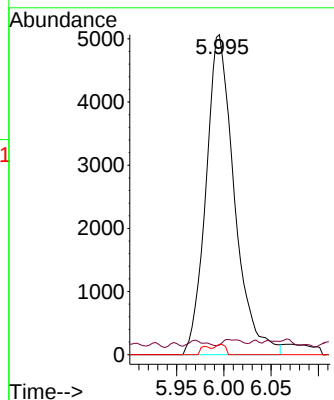
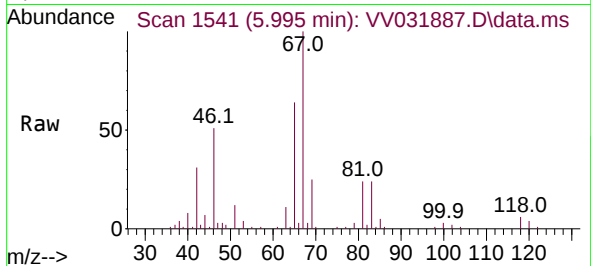




#35
Methylcyclohexane
Concen: 1.045 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

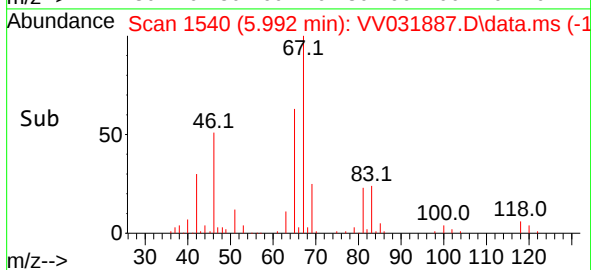
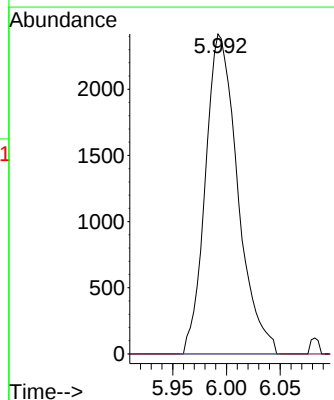
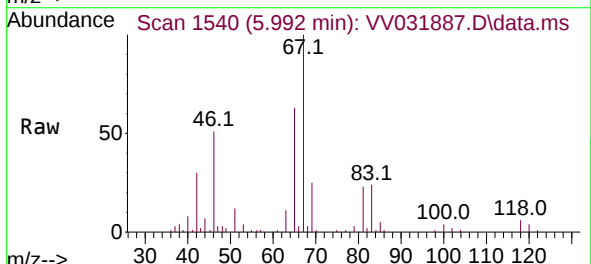
Instrument :
MSVOA_V
ClientSampleId :

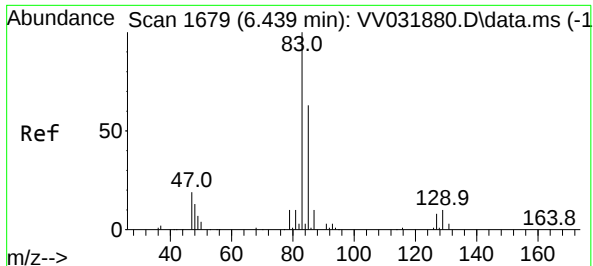
Tgt Ion: 83 Resp: 10596
Ion Ratio Lower Upper
83 100
55 1.6 62.6 94.0#
98 1.3 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.769 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

Tgt Ion: 63 Resp: 5051
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

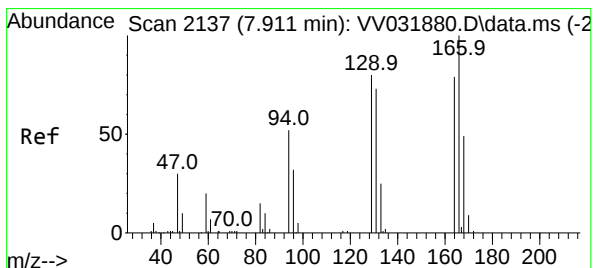
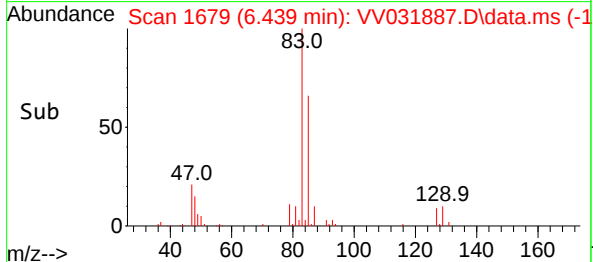
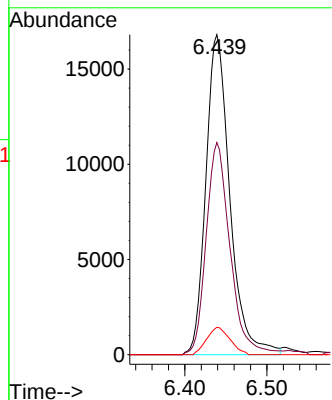
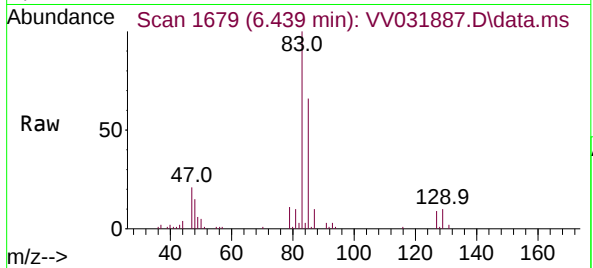




#38
Bromodichloromethane
Concen: 4.028 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

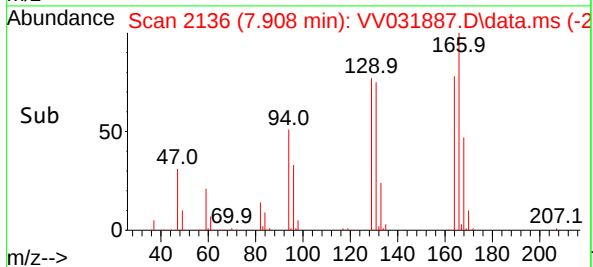
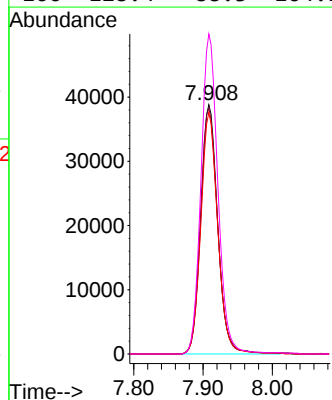
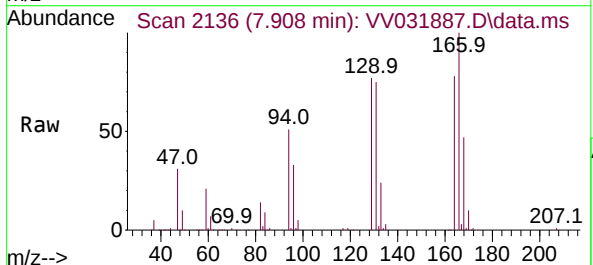
Instrument :
MSVOA_V
ClientSampleId :

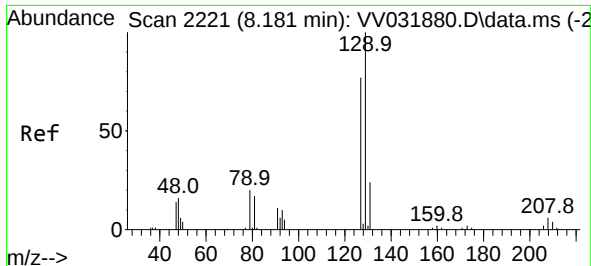
Tgt Ion: 83	Resp: 34232
Ion Ratio	Lower Upper
83 100	
85 66.3	44.4 82.4
127 8.5	6.2 9.4



#47
Tetrachloroethene
Concen: 14.889 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

Tgt	Ion:164	Resp:	66259
Ion	Ratio	Lower	Upper
164	100		
129	98.7	70.6	131.2
131	96.9	64.6	120.0
166	128.4	88.3	164.1





#49

Dibromochloromethane

Concen: 5.937 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031887.D

Acq: 24 Aug 2023 00:21

Instrument :

MSVOA_V

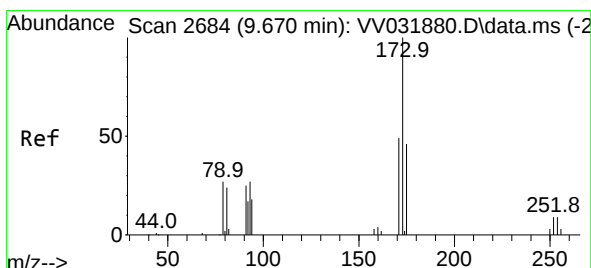
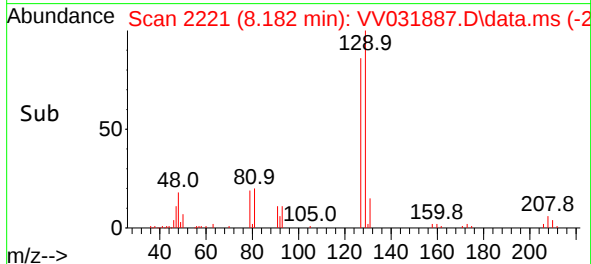
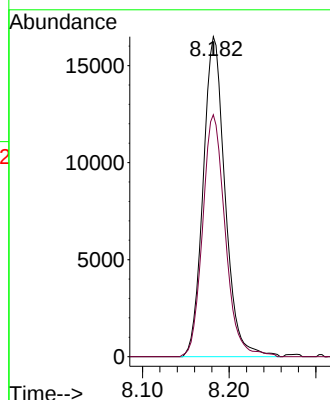
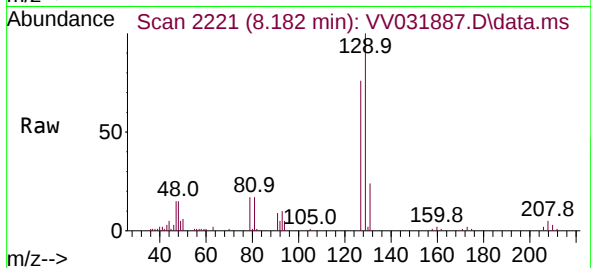
ClientSampleId :

Tgt Ion:129 Resp: 29082

Ion Ratio Lower Upper

129 100

127 75.6 53.7 99.7



#59

Bromoform

Concen: 2.871 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031887.D

Acq: 24 Aug 2023 00:21

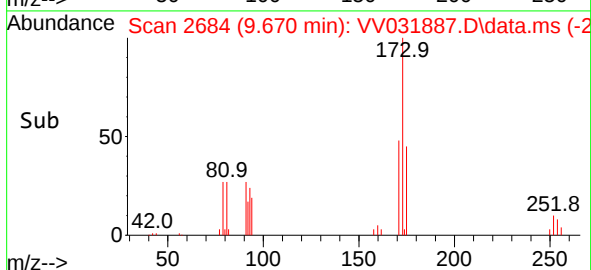
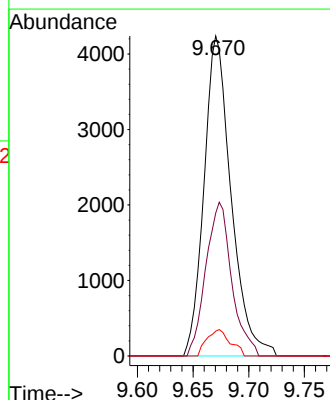
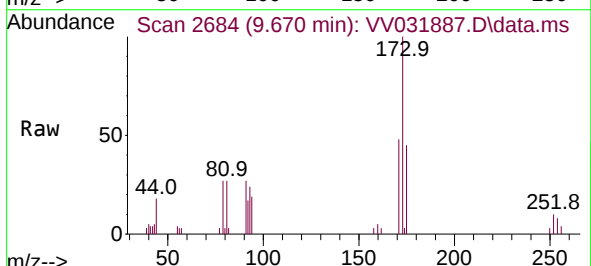
Tgt Ion:173 Resp: 7168

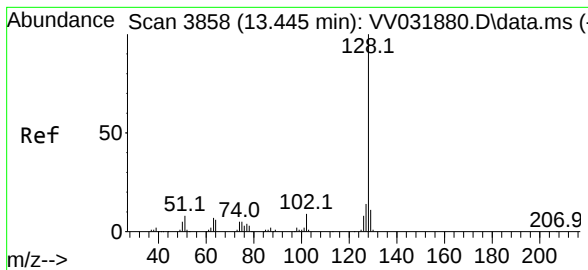
Ion Ratio Lower Upper

173 100

175 45.8 38.0 57.0

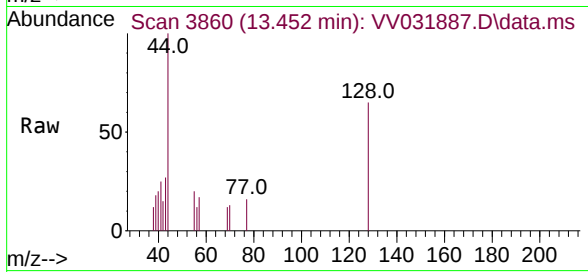
254 7.1 6.8 10.2





#71
Naphthalene
Concen: 0.066 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.007 min
Lab File: VV031887.D
Acq: 24 Aug 2023 00:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1094
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	4.2	10.8	16.2#

