

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031885.D
 Acq On : 23 Aug 2023 23:33
 Operator : SY/MD
 Sample : 04115-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:01:01 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)

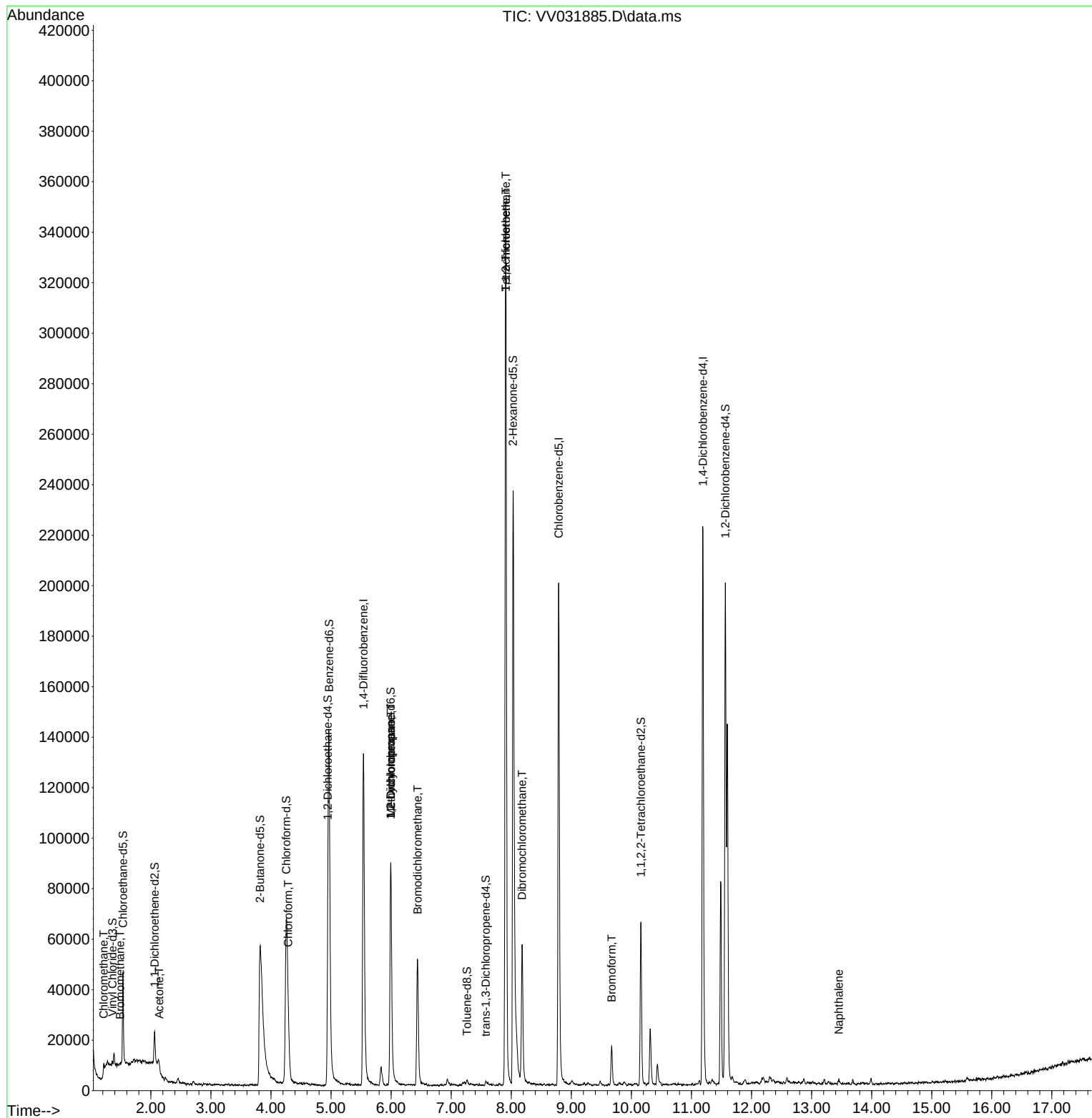
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.362	65	145	0.037	ug/L	0.08
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.800%#
7) Chloroethane-d5	1.536	69	23202	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.063	65	2444	1.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	21.400%#
20) 2-Butanone-d5	3.818	46	120602	64.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.740%
24) Chloroform-d	4.256	84	66377	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.947	65	35142	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.966	84	127098	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	5.992	67	44756	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.262	98	1262	0.055	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1.200%#
43) trans-1,3-Dichloroprop...	7.577	79	1523	0.483	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	9.600%#
46) 2-Hexanone-d5	8.030	63	91885	54.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32652	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	47314	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1810	0.258	ug/L	95
6) Bromomethane	1.487	94	437	0.097	ug/L	100
13) Acetone	2.140	43	1785	1.617	ug/L	84
25) Chloroform	4.285	83	22631	1.844	ug/L	94
35) Methylcyclohexane	5.995	83	10319	0.978	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4801	0.702	ug/L #	87
38) Bromodichloromethane	6.439	83	36197	4.091	ug/L	98
45) 1,1,2-Trichloroethane	7.908	97	776	0.159	ug/L #	1
47) Tetrachloroethene	7.908	164	77409	16.711	ug/L	99
49) Dibromochloromethane	8.182	129	28831	5.655	ug/L	98
59) Bromoform	9.670	173	6657	2.544	ug/L	98
71) Naphthalene	13.455	128	1549	0.089	ug/L #	81

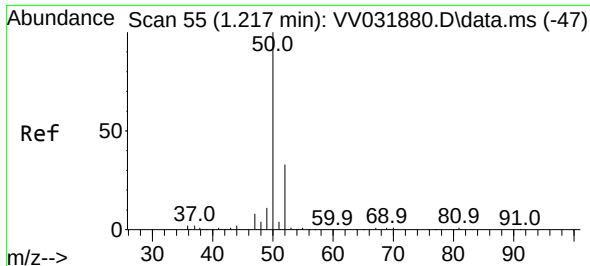
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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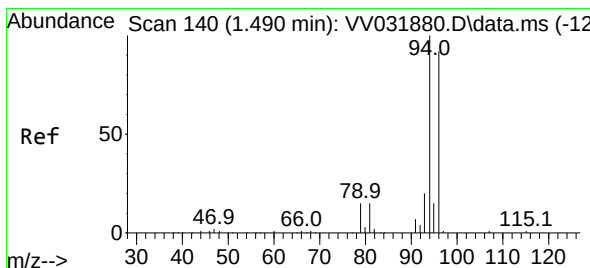
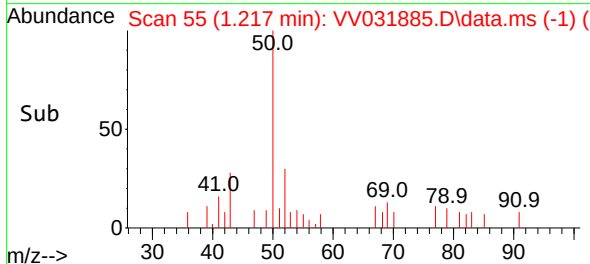
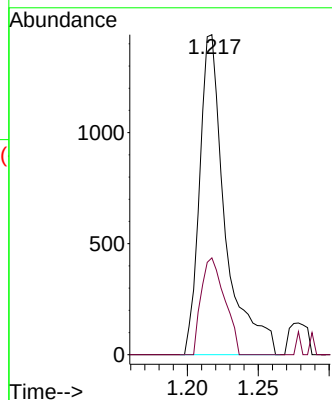
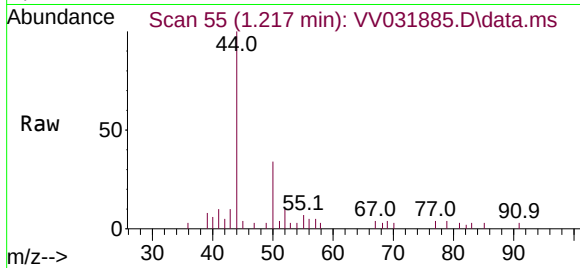




#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

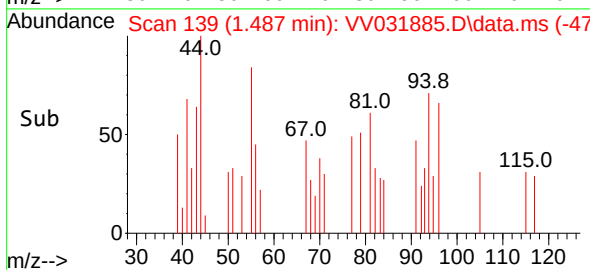
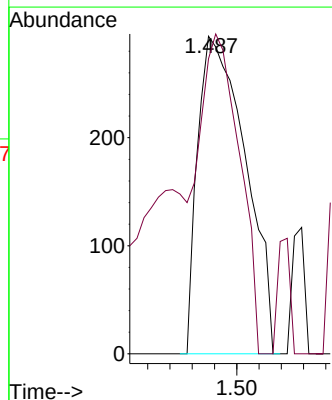
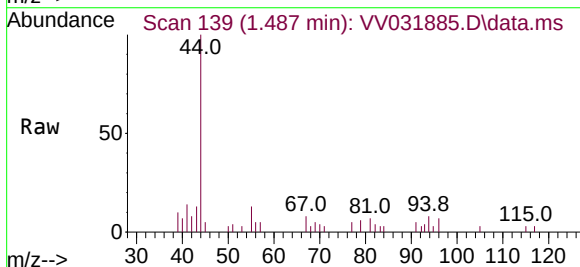
Instrument :
MSVOA_V
ClientSampleId :

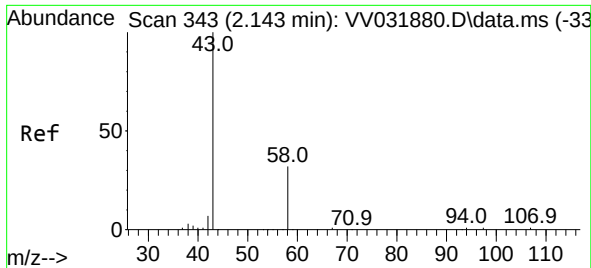
Tgt Ion: 50 Resp: 1810
Ion Ratio Lower Upper
50 100
52 30.3 23.3 43.3



#6
Bromomethane
Concen: 0.097 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 92.9 65.0 120.8





#13

Acetone

Concen: 1.617 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV031885.D

Acq: 23 Aug 2023 23:33

Instrument :

MSVOA_V

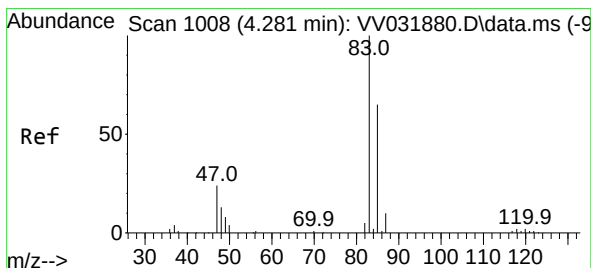
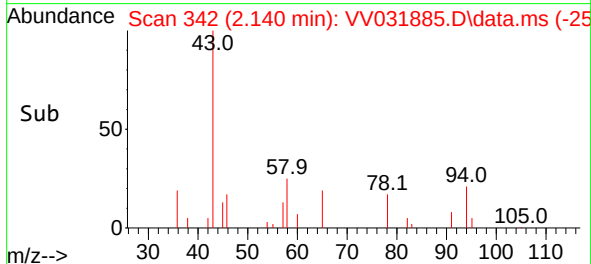
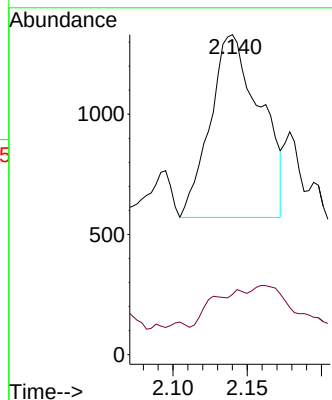
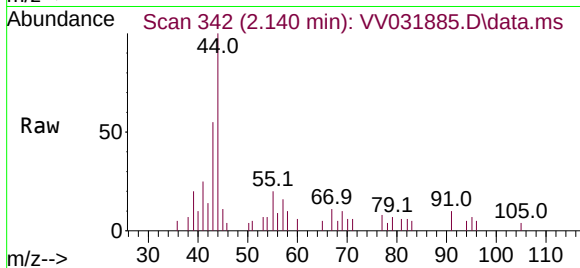
ClientSampleId :

Tgt Ion: 43 Resp: 1785

Ion Ratio Lower Upper

43 100

58 11.3 0.0 37.0



#25

Chloroform

Concen: 1.844 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031885.D

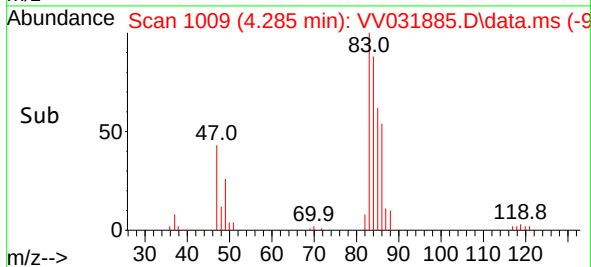
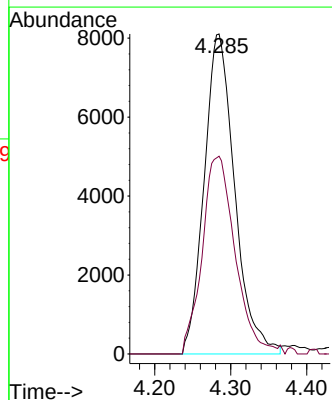
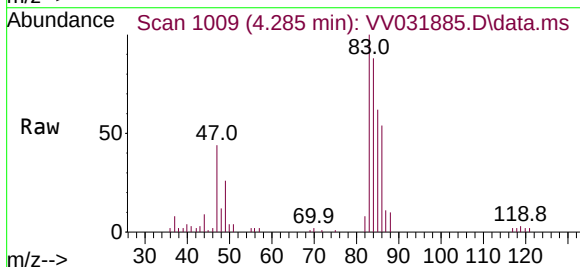
Acq: 23 Aug 2023 23:33

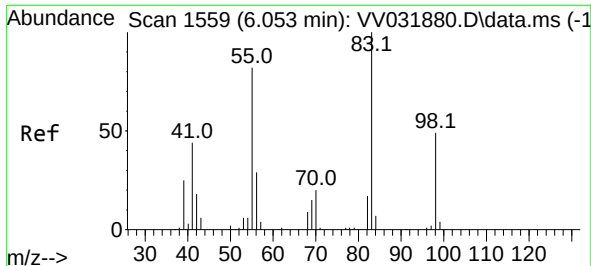
Tgt Ion: 83 Resp: 22631

Ion Ratio Lower Upper

83 100

85 61.8 46.4 86.2

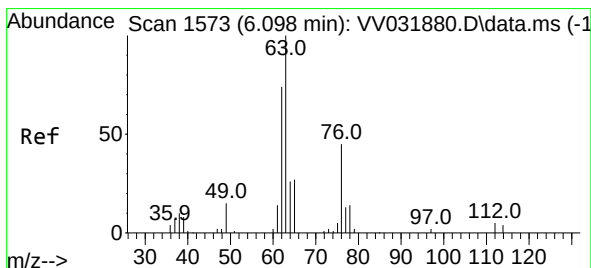
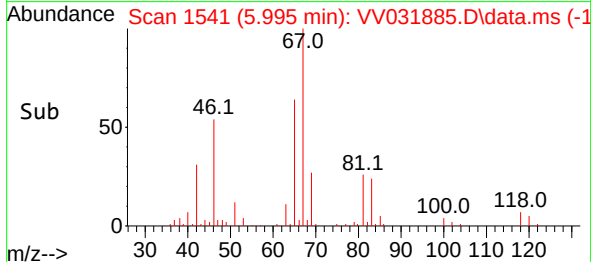
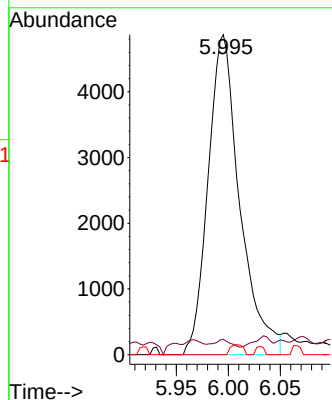
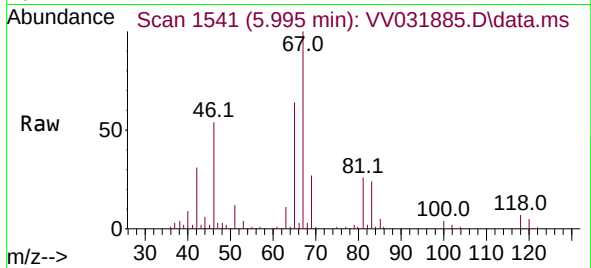




#35
Methylcyclohexane
Concen: 0.978 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

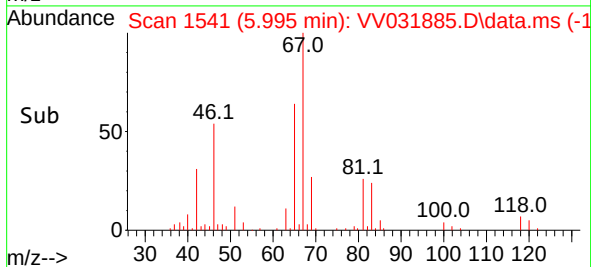
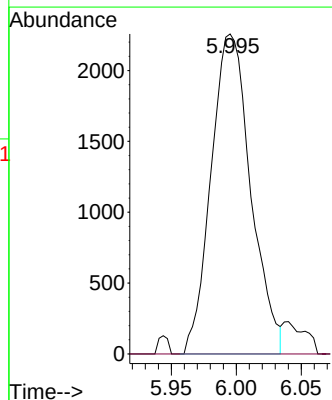
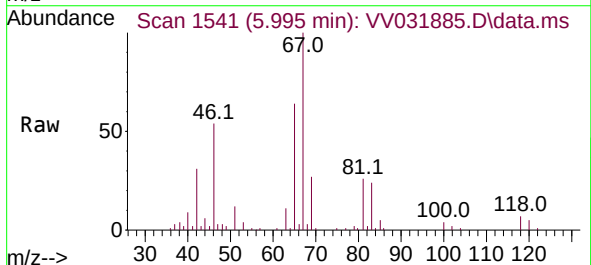
Instrument :
MSVOA_V
ClientSampleId :

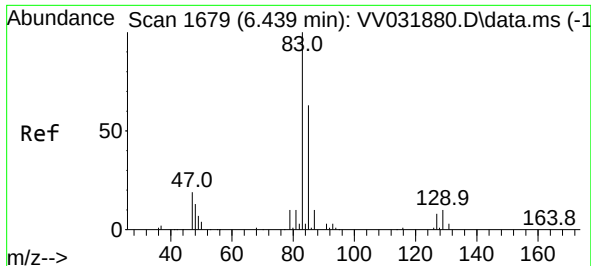
Tgt Ion: 83 Resp: 10319
Ion Ratio Lower Upper
83 100
55 1.0 62.6 94.0#
98 1.3 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

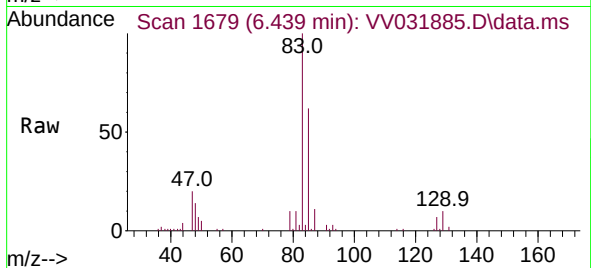
Tgt Ion: 63 Resp: 4801
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



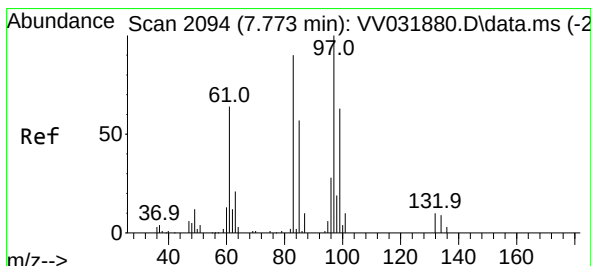
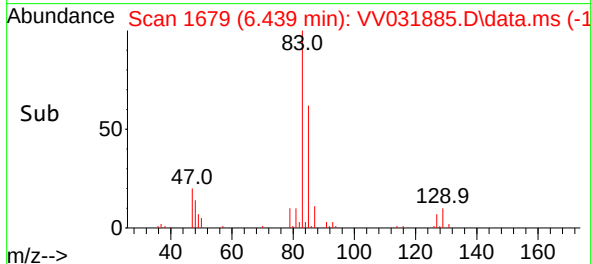
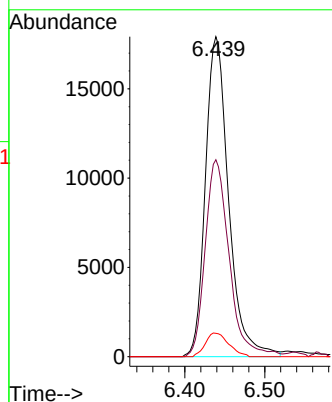


#38
Bromodichloromethane
Concen: 4.091 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

Instrument :
MSVOA_V
ClientSampleId :

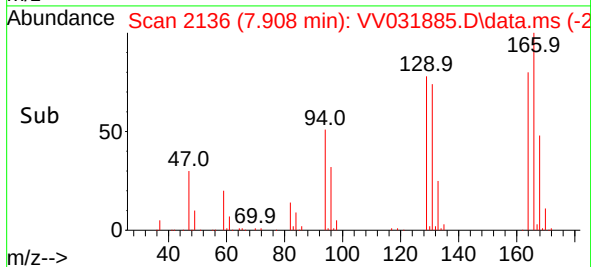
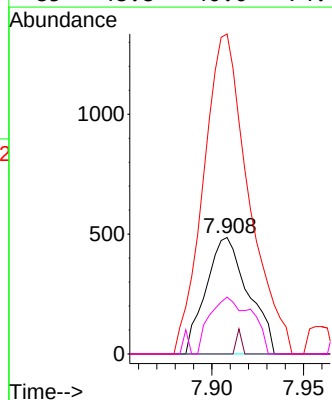
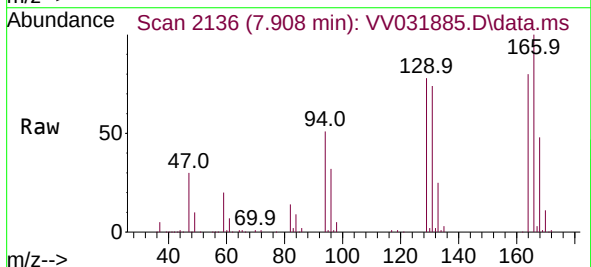


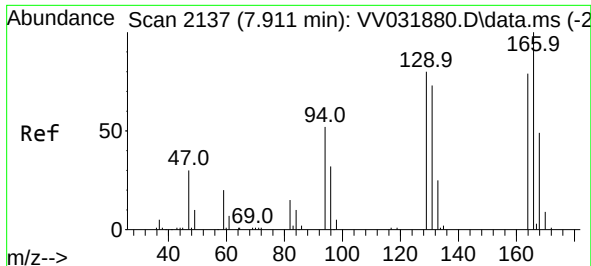
Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	44.4	82.4
127	7.3	6.2	9.4



#45
1,1,2-Trichloroethane
Concen: 0.159 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV031885.D
Acq: 23 Aug 2023 23:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.3	82.3#
83	274.7	62.7	116.5#
85	48.8	40.0	74.4





#47

Tetrachloroethene

Concen: 16.711 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031885.D

Acq: 23 Aug 2023 23:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 77409

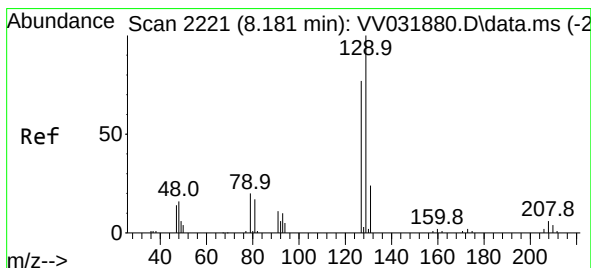
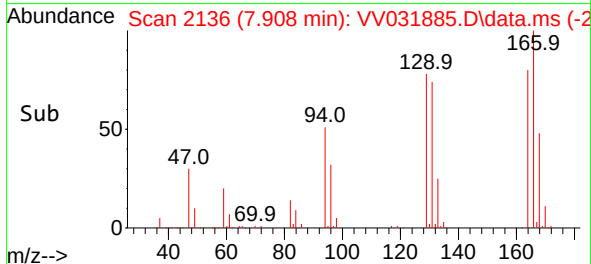
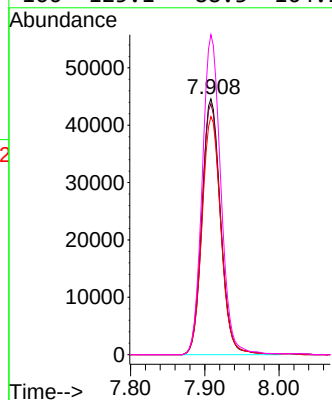
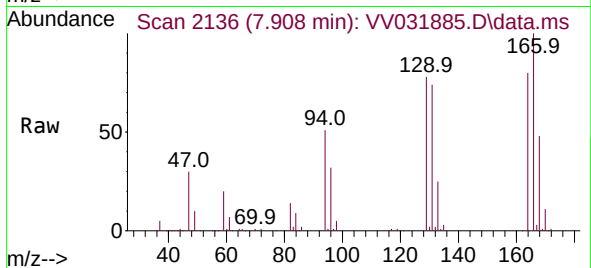
Ion Ratio Lower Upper

164 100

129 98.1 70.6 131.2

131 93.0 64.6 120.0

166 125.1 88.3 164.1



#49

Dibromochloromethane

Concen: 5.655 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV031885.D

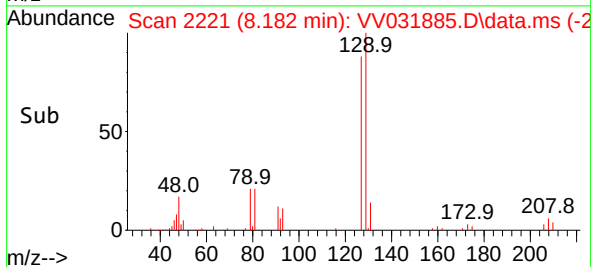
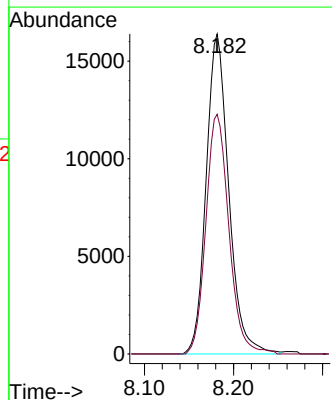
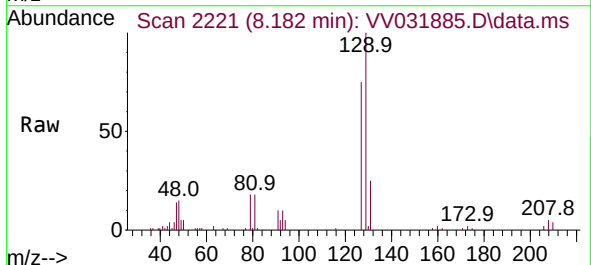
Acq: 23 Aug 2023 23:33

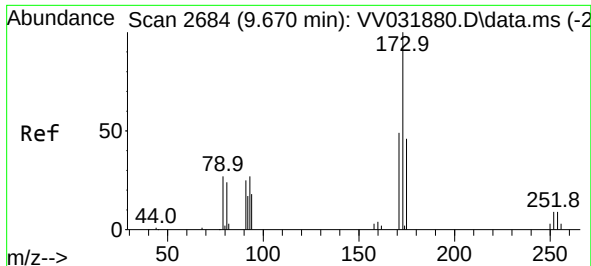
Tgt Ion:129 Resp: 28831

Ion Ratio Lower Upper

129 100

127 74.9 53.7 99.7





#59

Bromoform

Concen: 2.544 ug/L

RT: 9.670 min Scan# 2

Delta R.T. 0.000 min

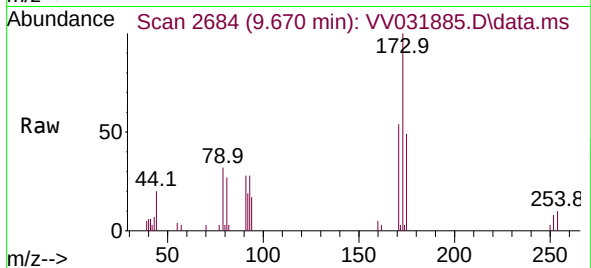
Lab File: VV031885.D

Acq: 23 Aug 2023 23:33

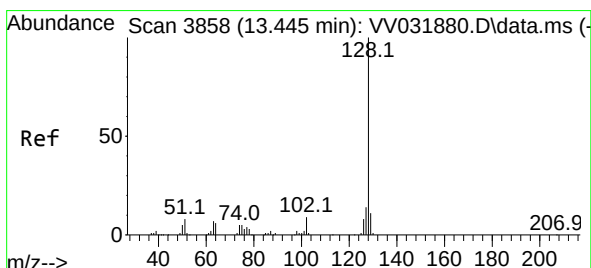
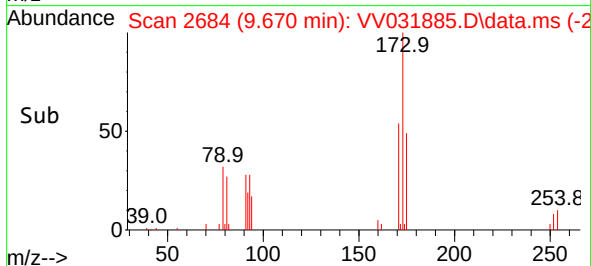
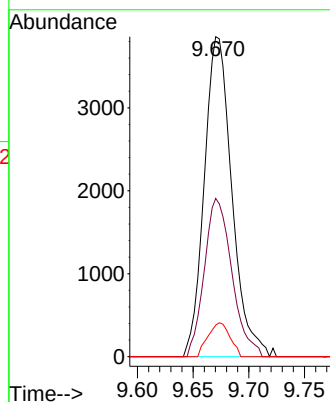
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	6657
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.0	57.0
254	8.4	6.8	10.2



#71

Naphthalene

Concen: 0.089 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.010 min

Lab File: VV031885.D

Acq: 23 Aug 2023 23:33

Tgt Ion:	128	Resp:	1549
Ion	Ratio	Lower	Upper
128	100		
129	5.7	8.9	13.3#
127	4.2	10.8	16.2#

