

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054198.D
 Acq On : 19 May 2023 05:21
 Operator : JC/MD
 Sample : 02843-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY3

Quant Time: May 19 06:21:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

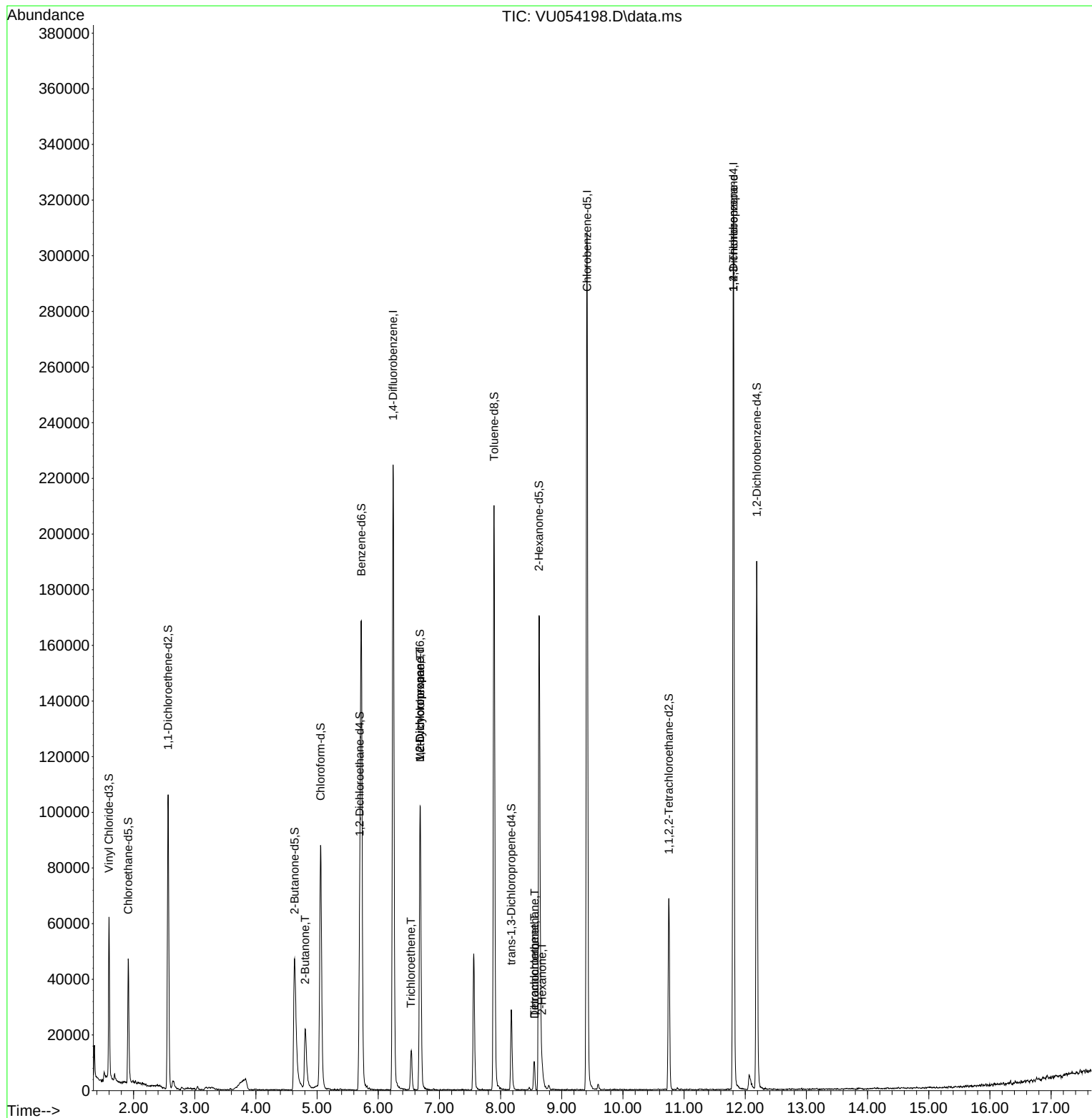
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	190704	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	181315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42919	4.174	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.912	69	34982	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.565	65	20108	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.632	46	83717	45.659	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.320%
24) Chloroform-d	5.057	84	82008	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.697	65	40971	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.722	84	163653	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.684	67	49261	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.893	98	143843	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	17337	4.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.629	63	59900	46.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35241	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	50624	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
21) 2-Butanone	4.806	43	33649	10.184	ug/L #	46
34) Trichloroethene	6.536	95	5022	0.364	ug/L	89
35) Methylcyclohexane	6.687	83	12388	0.614	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5436	0.403	ug/L #	88
47) Tetrachloroethene	8.552	164	2218	0.196	ug/L	90
48) 2-Hexanone	8.677	43	3452	0.666	ug/L #	37
49) Dibromochloromethane	8.555	129	2537	0.234	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9645	1.340	ug/L #	66

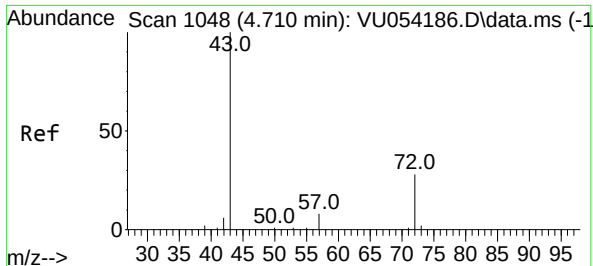
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 10.184 ug/L

RT: 4.806 min Scan# 1078

Delta R.T. 0.096 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Instrument :

MSVOA_U

ClientSampleId :

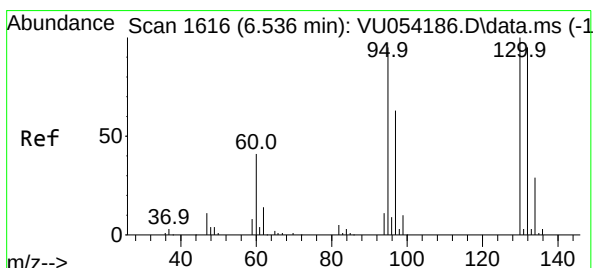
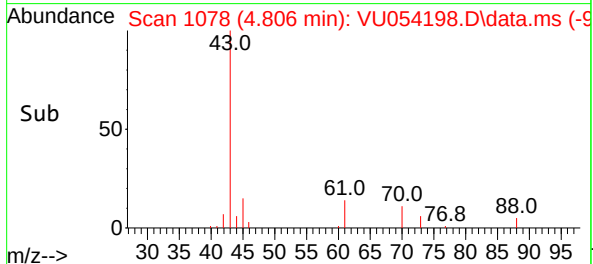
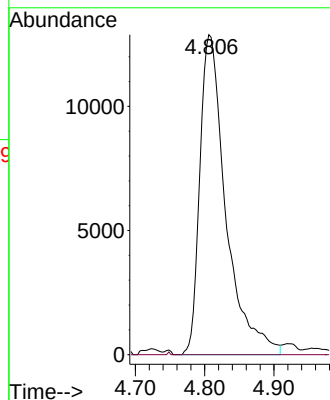
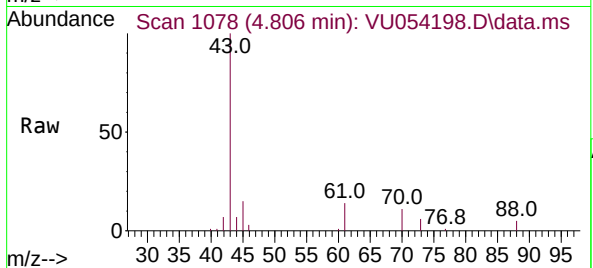
GBWY3

Tgt Ion: 43 Resp: 33649

Ion Ratio Lower Upper

43 100

72 0.1 14.2 42.8#



#34

Trichloroethene

Concen: 0.364 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Tgt Ion: 95 Resp: 5022

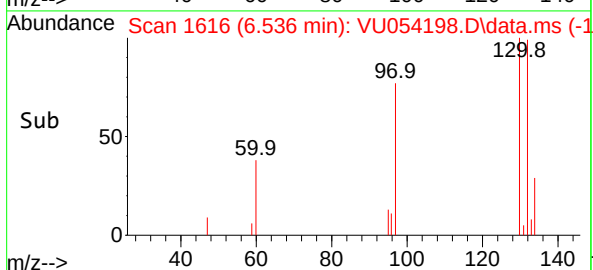
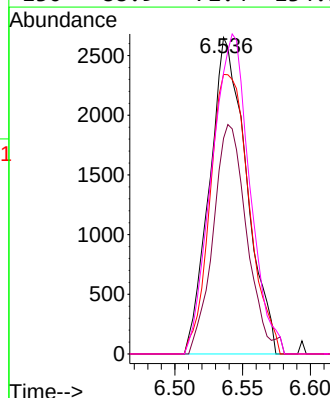
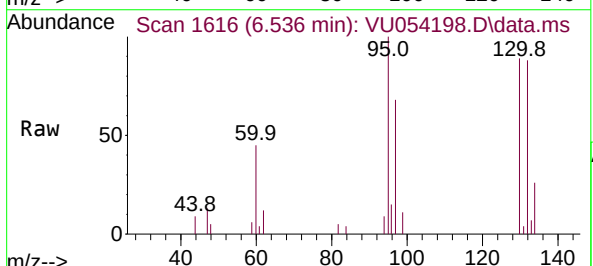
Ion Ratio Lower Upper

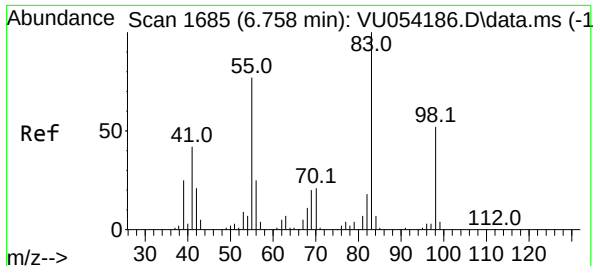
95 100

97 68.2 45.8 85.0

132 88.3 70.1 130.3

130 88.9 72.4 134.5





#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Instrument :

MSVOA_U

ClientSampleId :

GBWY3

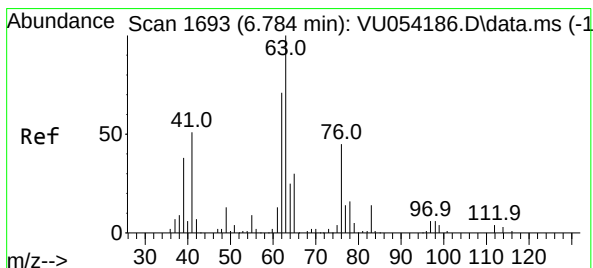
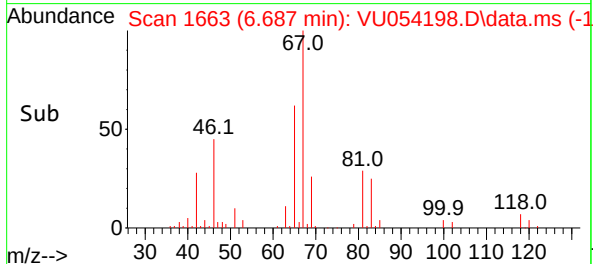
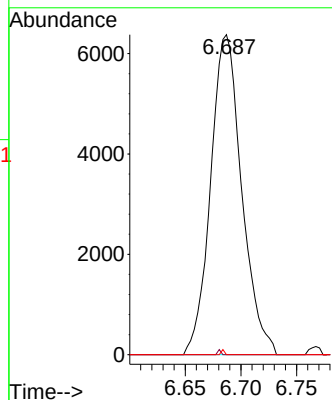
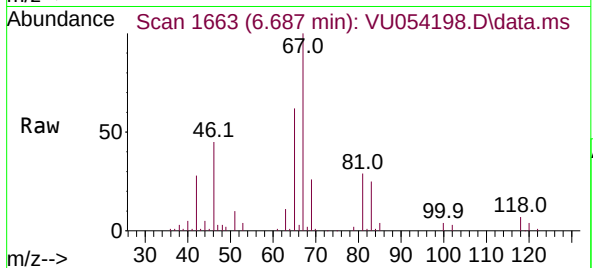
Tgt Ion: 83 Resp: 12388

Ion Ratio Lower Upper

83 100

55 0.2 61.6 92.4#

98 0.2 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.403 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU054198.D

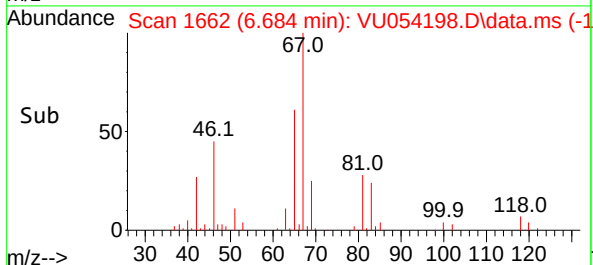
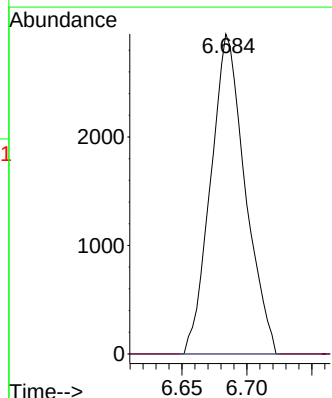
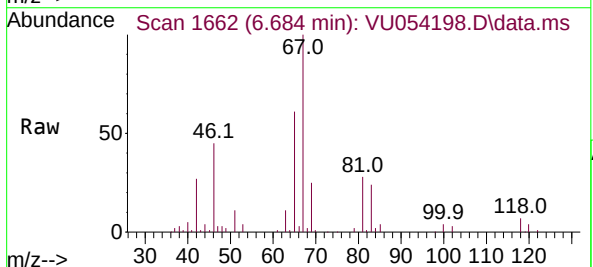
Acq: 19 May 2023 05:21

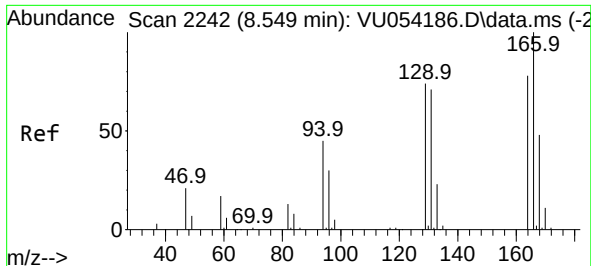
Tgt Ion: 63 Resp: 5436

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.196 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Instrument :

MSVOA_U

ClientSampleId :

GBWY3

Tgt Ion:164 Resp: 2218

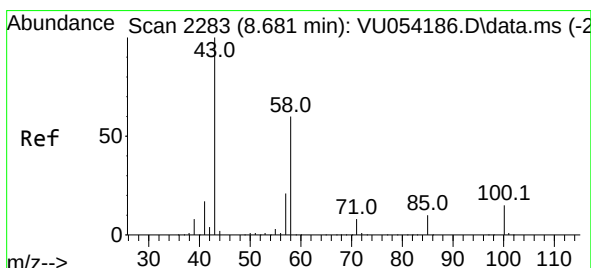
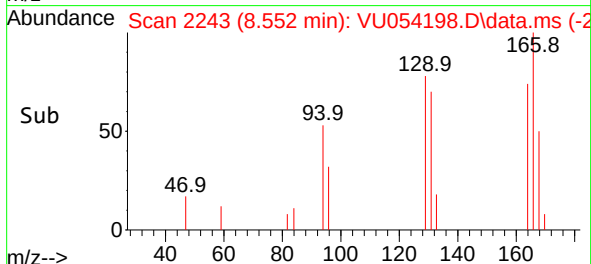
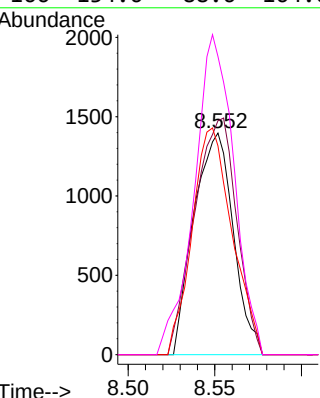
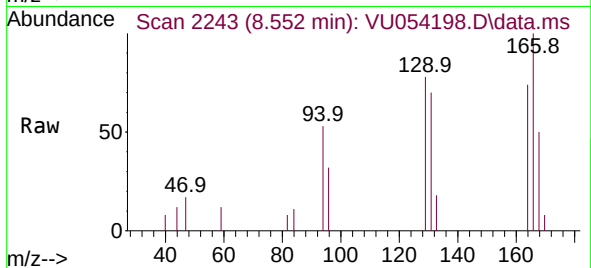
Ion Ratio Lower Upper

164 100

129 105.5 63.3 117.7

131 94.2 61.0 113.4

166 134.6 88.6 164.6



#48

2-Hexanone

Concen: 0.666 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Tgt Ion: 43 Resp: 3452

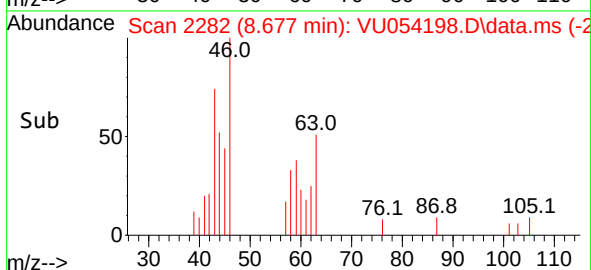
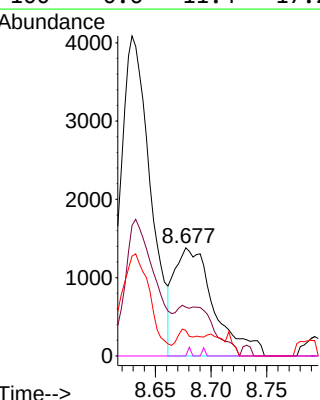
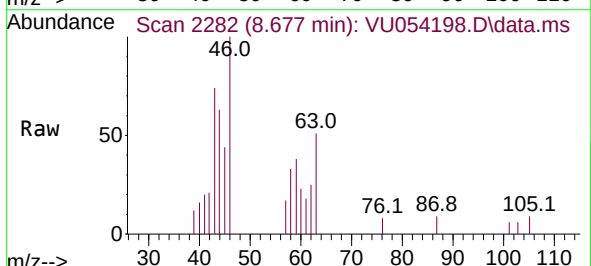
Ion Ratio Lower Upper

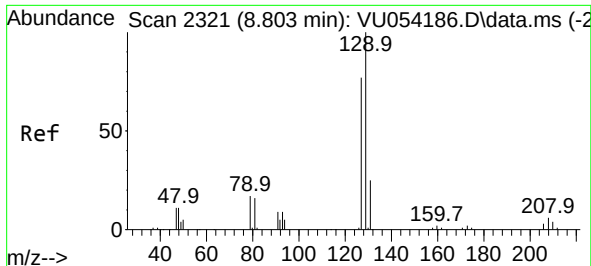
43 100

58 0.0 48.6 72.8#

57 5.0 16.7 25.1#

100 0.6 11.4 17.2#





#49

Dibromochloromethane

Concen: 0.234 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.248 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Instrument :

MSVOA_U

ClientSampleId :

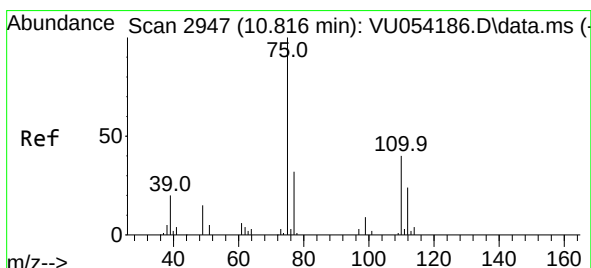
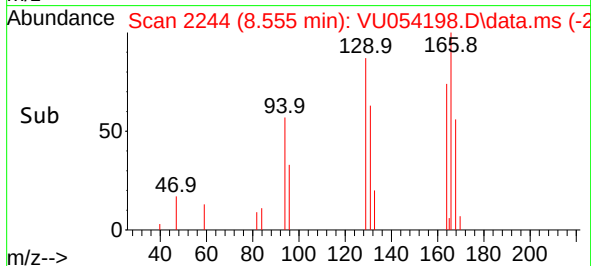
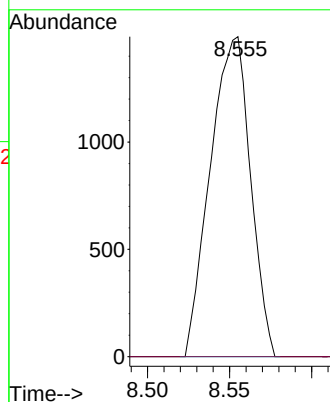
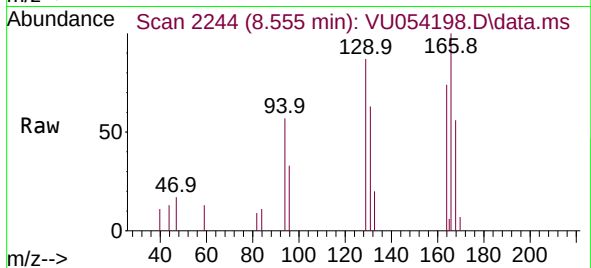
GBWY3

Tgt Ion:129 Resp: 2537

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.340 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU054198.D

Acq: 19 May 2023 05:21

Tgt Ion: 75 Resp: 9645

Ion Ratio Lower Upper

75 100

110 2.1 32.3 48.5#

77 33.0 26.3 39.5

