

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054199.D
 Acq On : 19 May 2023 05:45
 Operator : JC/MD
 Sample : 02843-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY4

Quant Time: May 19 06:21:25 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)

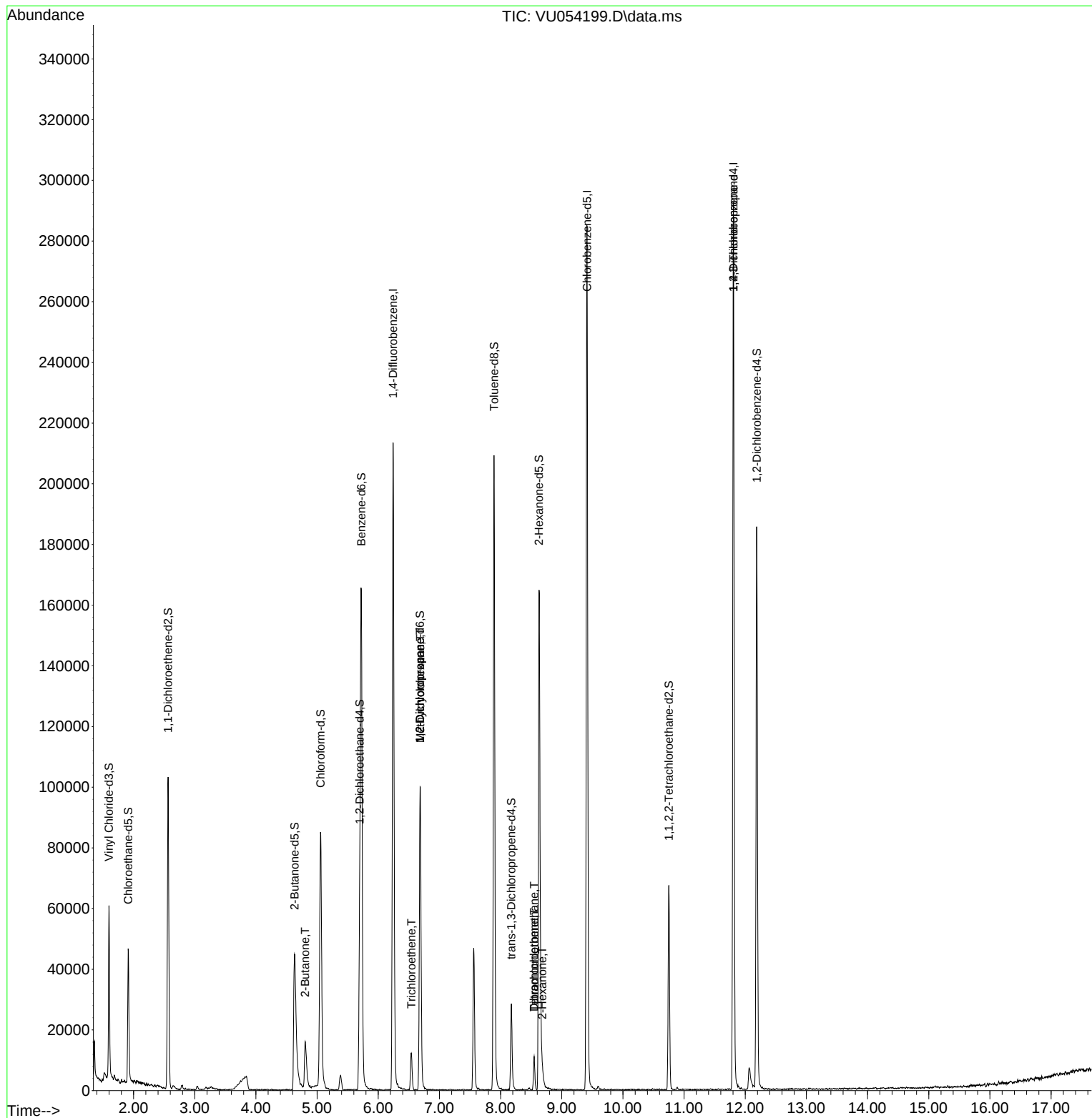
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	81815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43126	4.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.912	69	33564	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.565	65	19163	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.632	46	80781	47.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	5.057	84	79165	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.697	65	39368	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.722	84	163256	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.684	67	48490	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.893	98	139895	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.176	79	17608	4.460	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.629	63	58378	49.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33692	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	52523	5.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
21) 2-Butanone	4.806	43	22756	7.439	ug/L #	47
34) Trichloroethene	6.542	95	4319	0.342	ug/L	94
35) Methylcyclohexane	6.687	83	12125	0.656	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5163	0.418	ug/L #	88
47) Tetrachloroethene	8.549	164	2635	0.254	ug/L	78
48) 2-Hexanone	8.684	43	2995	0.631	ug/L #	83
49) Dibromochloromethane	8.549	129	2305	0.232	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	8392	1.265	ug/L #	64

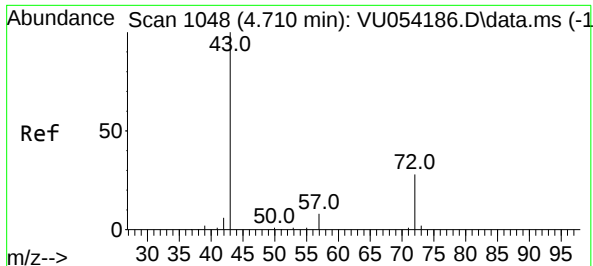
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 7.439 ug/L

RT: 4.806 min Scan# 1048

Delta R.T. 0.096 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Instrument :

MSVOA_U

ClientSampleId :

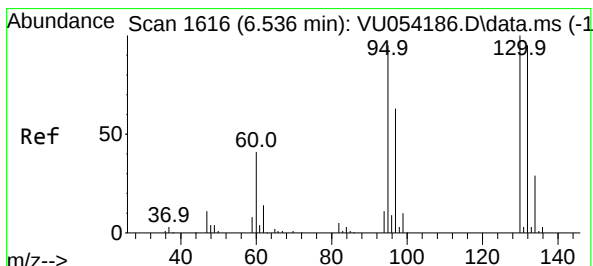
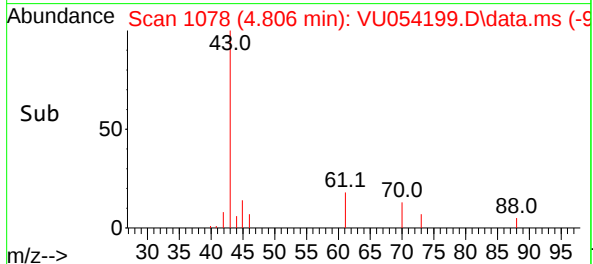
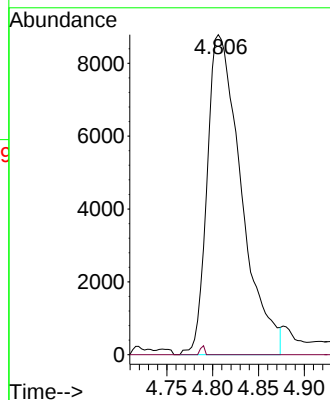
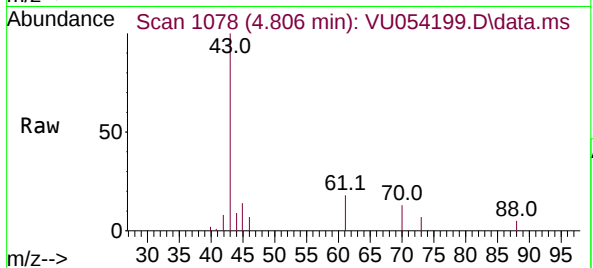
GBWY4

Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

43 100

72 0.4 14.2 42.8#



#34

Trichloroethene

Concen: 0.342 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Tgt Ion: 95 Resp: 4319

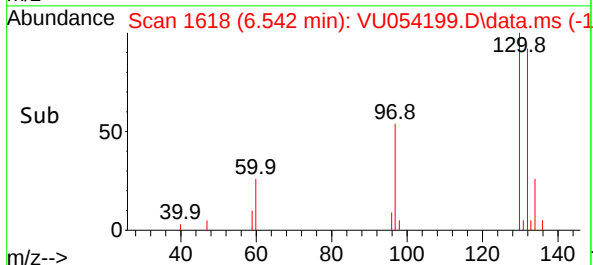
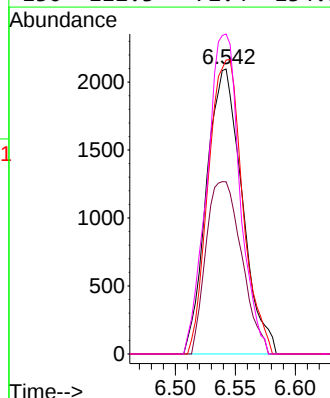
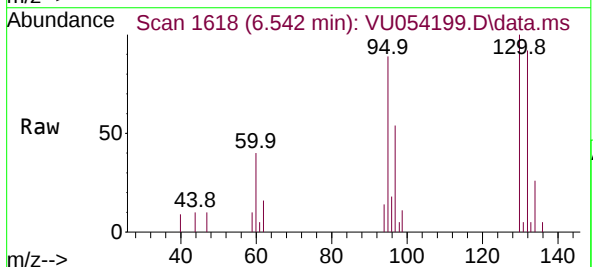
Ion Ratio Lower Upper

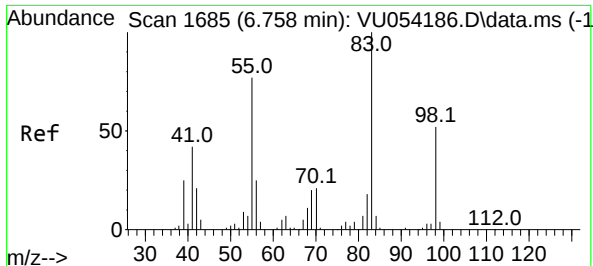
95 100

97 60.4 45.8 85.0

132 103.1 70.1 130.3

130 112.3 72.4 134.5





#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Instrument :

MSVOA_U

ClientSampleId :

GBWY4

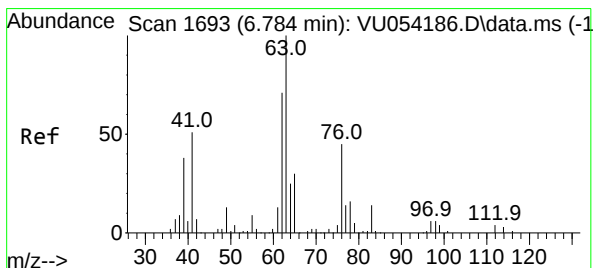
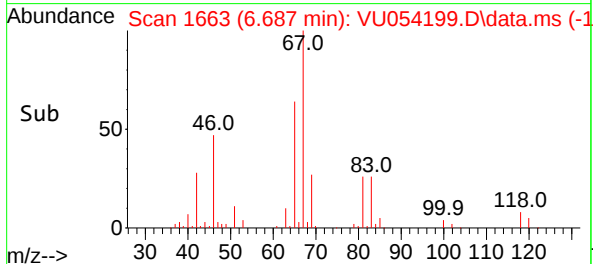
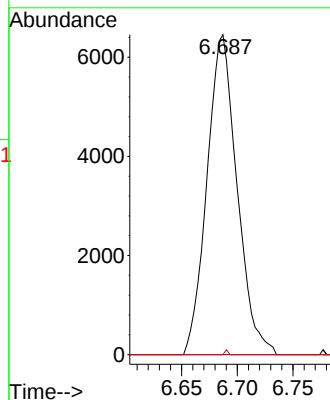
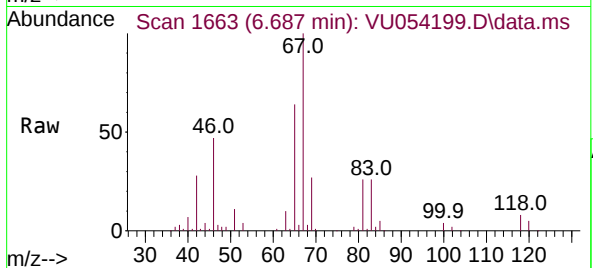
Tgt Ion: 83 Resp: 12125

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.2 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.418 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU054199.D

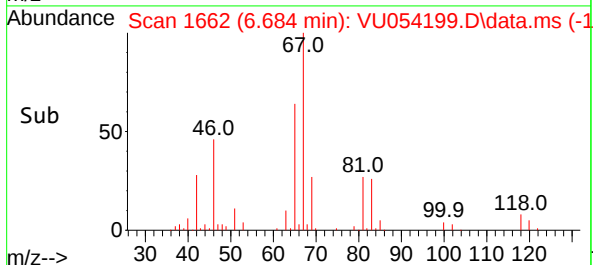
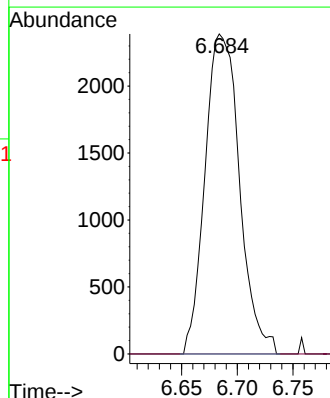
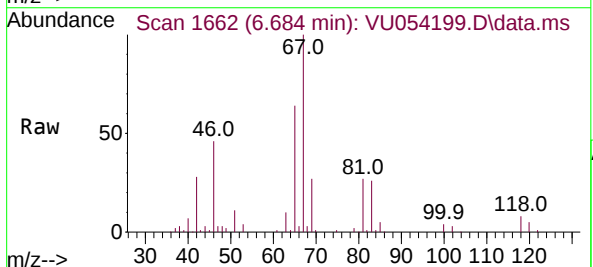
Acq: 19 May 2023 05:45

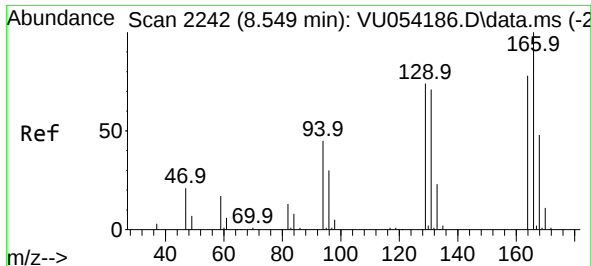
Tgt Ion: 63 Resp: 5163

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.254 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Instrument :

MSVOA_U

ClientSampleId :

GBWY4

Tgt Ion:164 Resp: 2635

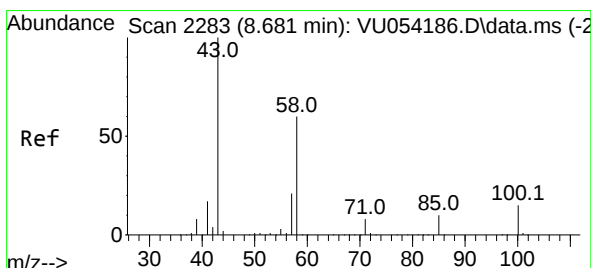
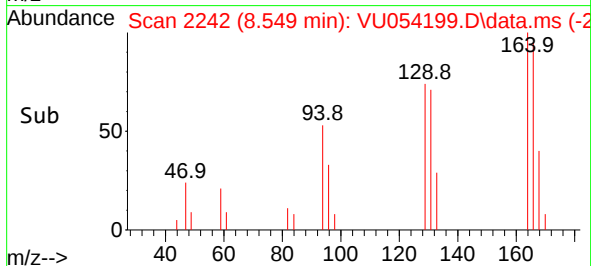
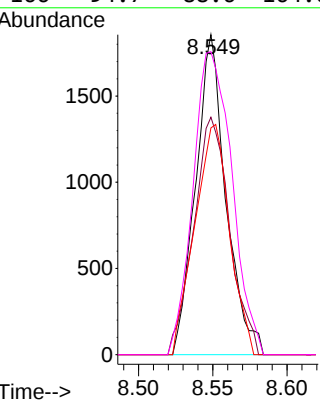
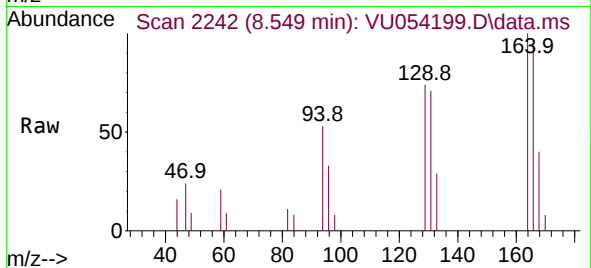
Ion Ratio Lower Upper

164 100

129 74.2 63.3 117.7

131 70.9 61.0 113.4

166 94.7 88.6 164.6



#48

2-Hexanone

Concen: 0.631 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.003 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Tgt Ion: 43 Resp: 2995

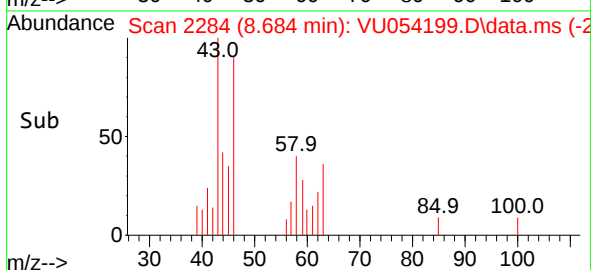
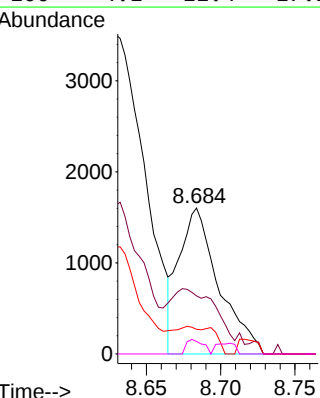
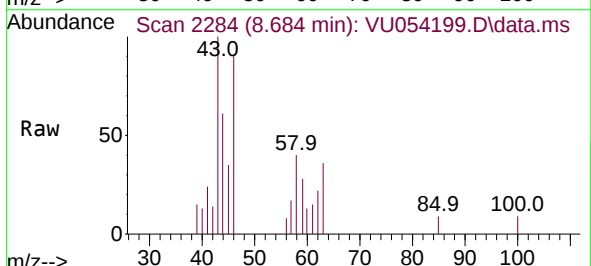
Ion Ratio Lower Upper

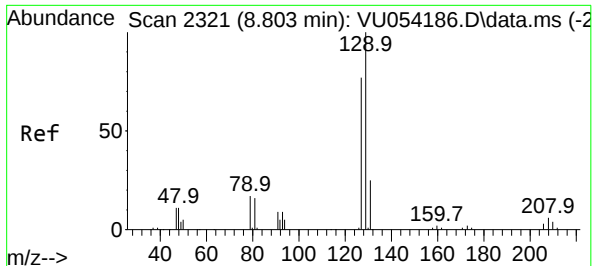
43 100

58 56.7 48.6 72.8

57 0.0 16.7 25.1#

100 4.1 11.4 17.2#





#49

Dibromochloromethane

Concen: 0.232 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Instrument :

MSVOA_U

ClientSampleId :

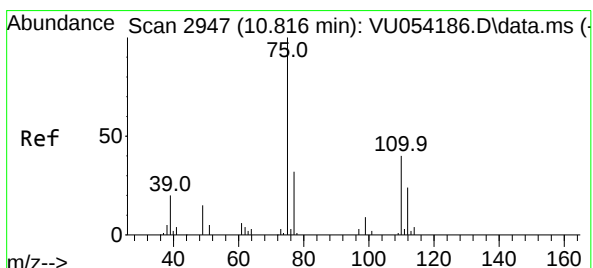
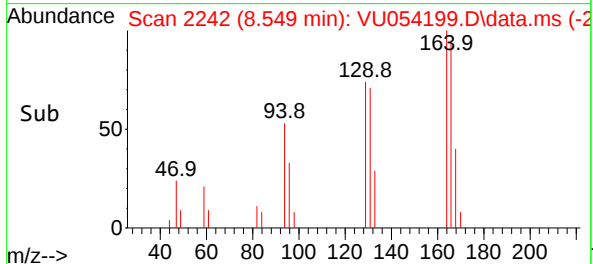
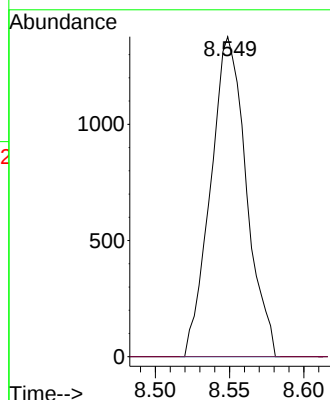
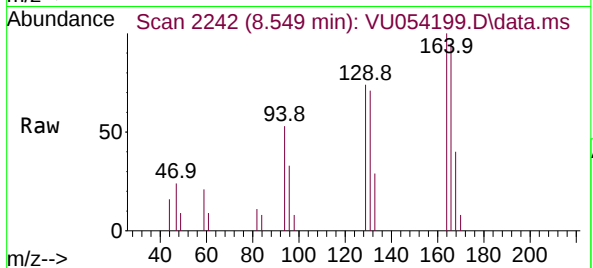
GBWY4

Tgt Ion:129 Resp: 2305

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.265 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU054199.D

Acq: 19 May 2023 05:45

Tgt Ion: 75 Resp: 8392

Ion Ratio Lower Upper

75 100

110 2.2 32.3 48.5#

77 34.9 26.3 39.5

