

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054195.D
 Acq On : 19 May 2023 04:08
 Operator : JC/MD
 Sample : 02843-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY0

Quant Time: May 19 06:20:27 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)

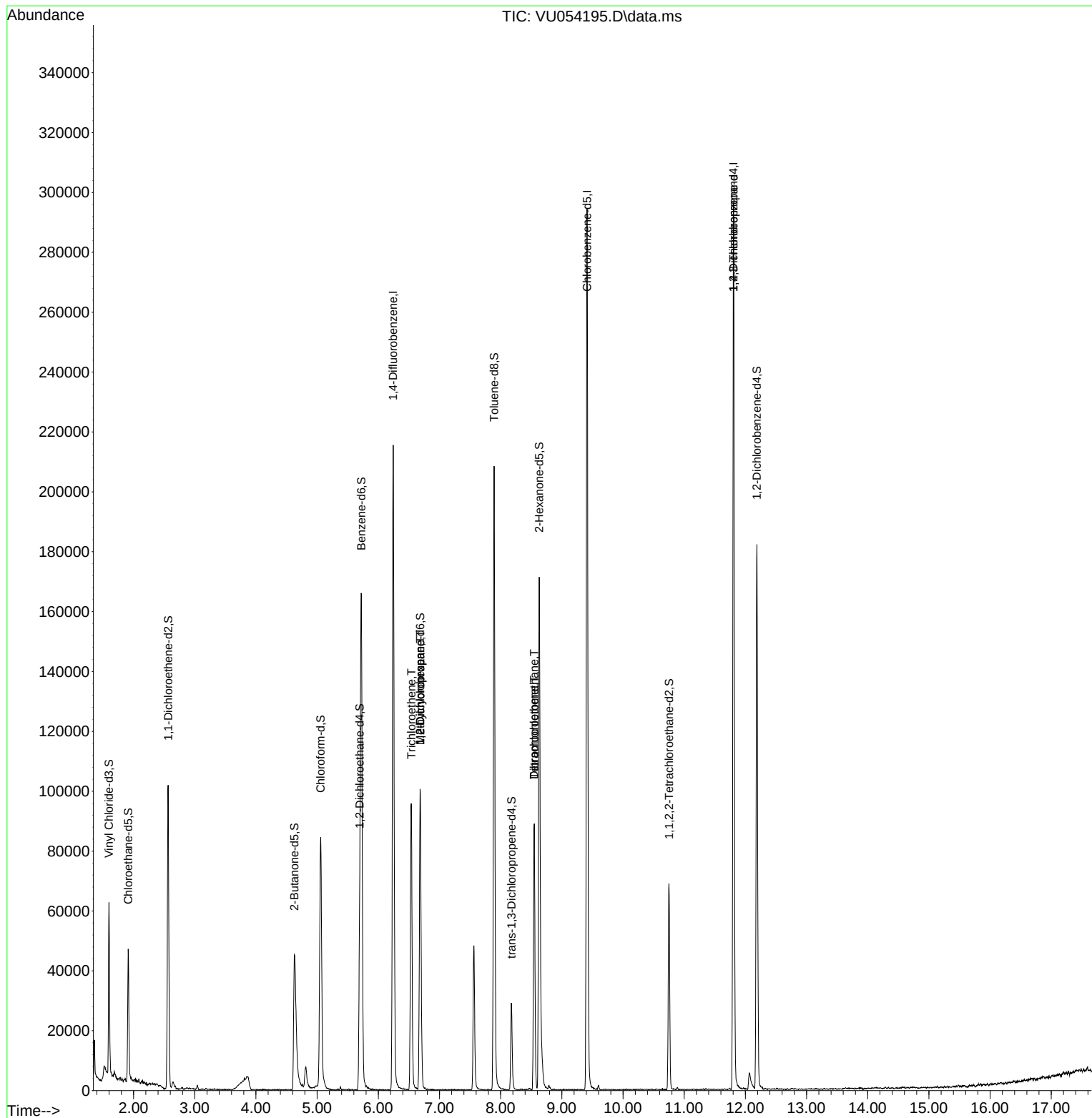
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	180112	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42780	4.406	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.913	69	33601	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.565	65	19331	4.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.629	46	81876	47.281	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.560%
24) Chloroform-d	5.057	84	82851	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.697	65	38858	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	160114	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.684	67	48911	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.893	98	142388	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.176	79	17697	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.629	63	60521	49.631	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34092	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	52923	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
34) Trichloroethene	6.539	95	33792	2.577	ug/L	98
35) Methylcyclohexane	6.684	83	12448	0.649	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5117	0.400	ug/L #	88
47) Tetrachloroethene	8.549	164	20579	1.910	ug/L	98
49) Dibromochloromethane	8.549	129	18588	1.805	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9527	1.402	ug/L #	65

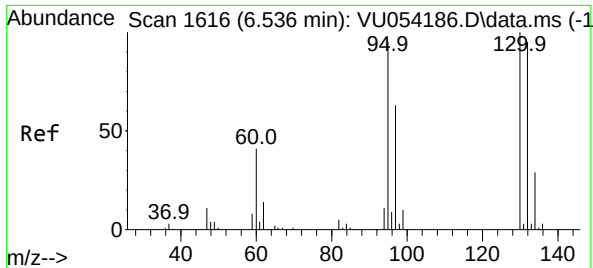
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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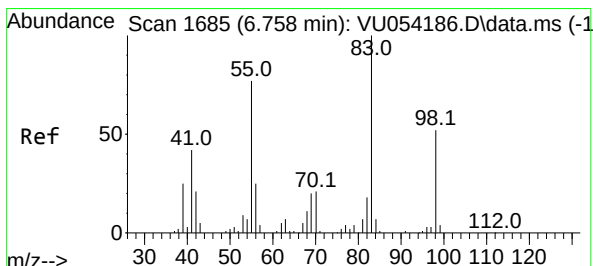
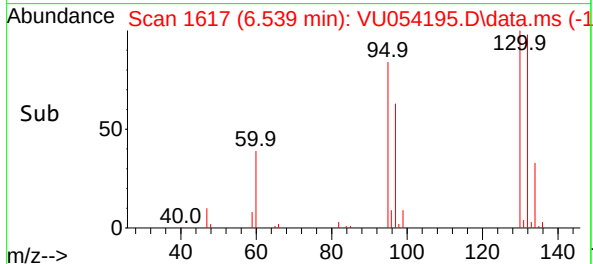
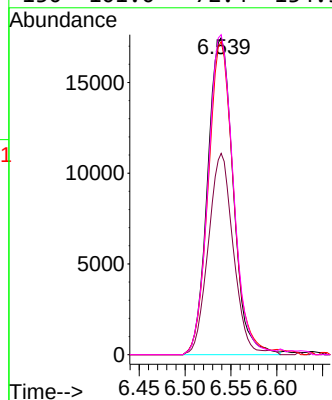
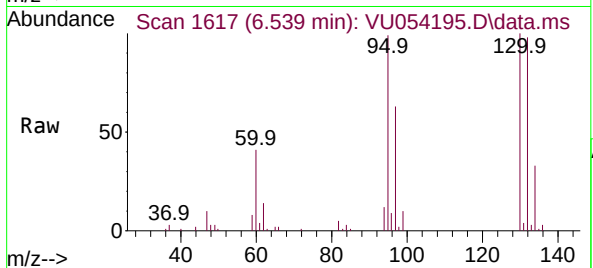




#34
Trichloroethene
Concen: 2.577 ug/L
RT: 6.539 min Scan# 1616
Delta R.T. 0.003 min
Lab File: VU054195.D
Acq: 19 May 2023 04:08

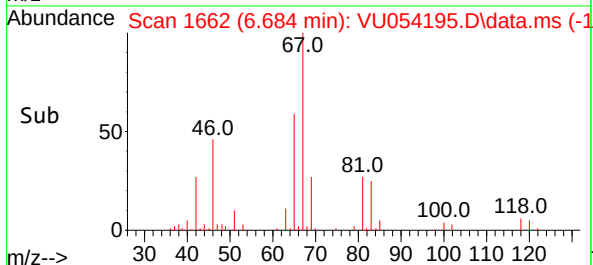
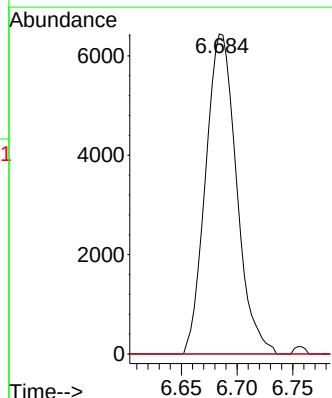
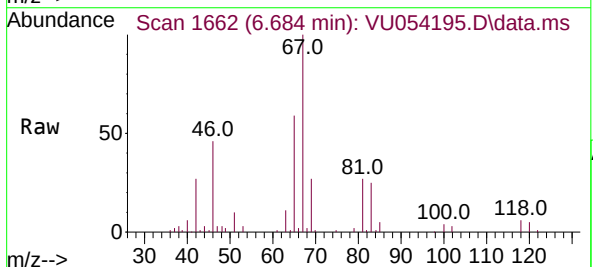
Instrument :
MSVOA_U
ClientSampleId :
GBWY0

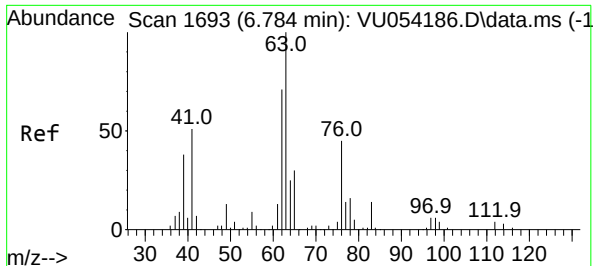
Tgt Ion: 95 Resp: 33792
Ion Ratio Lower Upper
95 100
97 63.5 45.8 85.0
132 98.8 70.1 130.3
130 101.0 72.4 134.5



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU054195.D
Acq: 19 May 2023 04:08

Tgt Ion: 83 Resp: 12448
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.8 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.400 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054195.D

Acq: 19 May 2023 04:08

Instrument :

MSVOA_U

ClientSampleId :

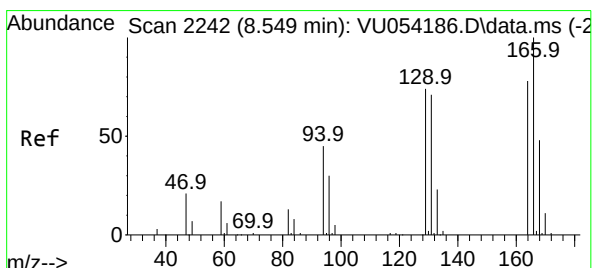
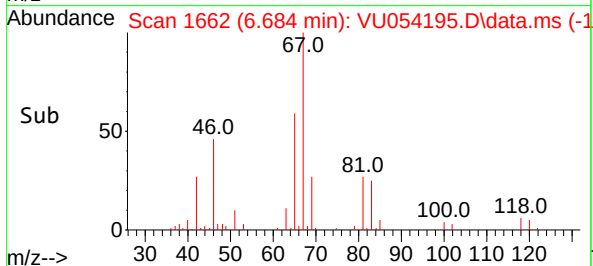
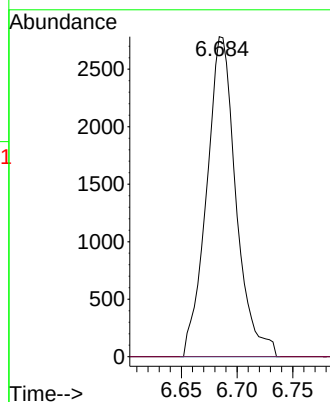
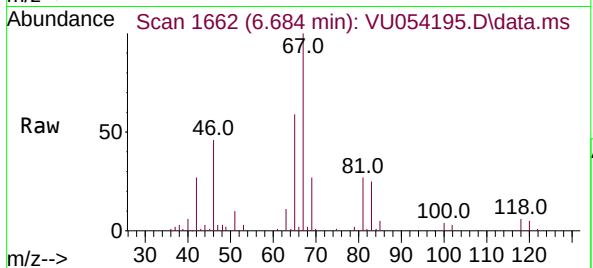
GBWY0

Tgt Ion: 63 Resp: 5117

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 1.910 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU054195.D

Acq: 19 May 2023 04:08

Tgt Ion:164 Resp: 20579

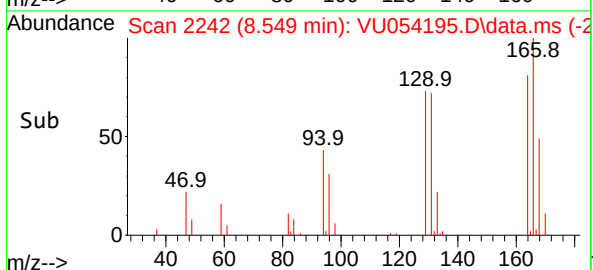
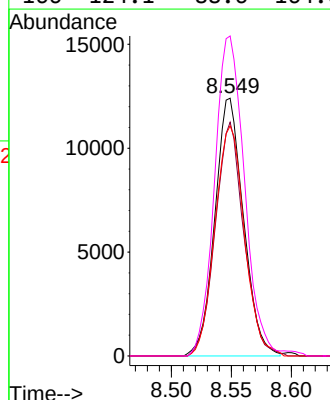
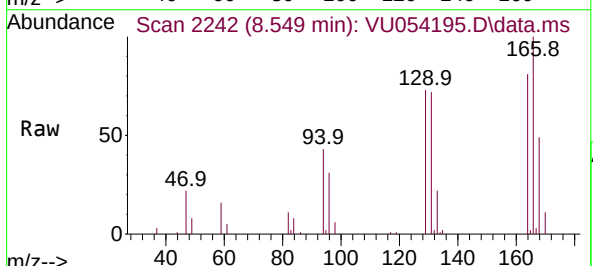
Ion Ratio Lower Upper

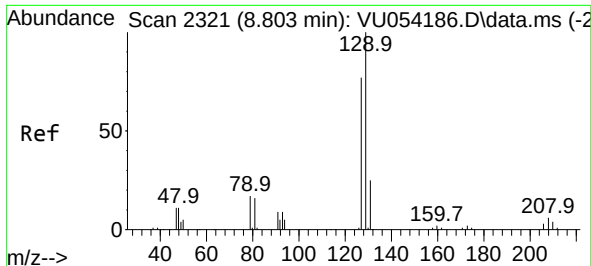
164 100

129 90.7 63.3 117.7

131 89.2 61.0 113.4

166 124.1 88.6 164.6

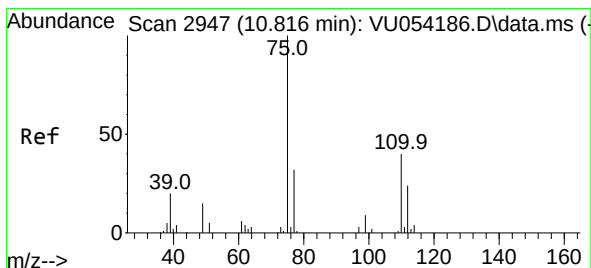
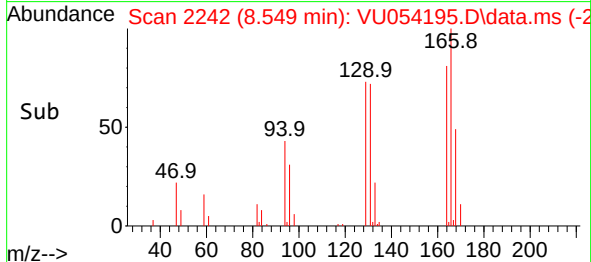
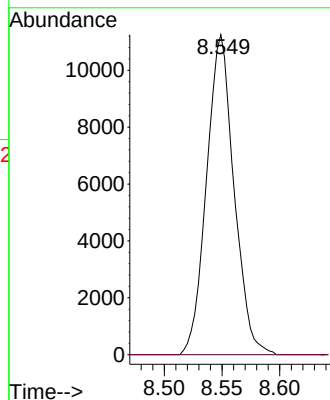
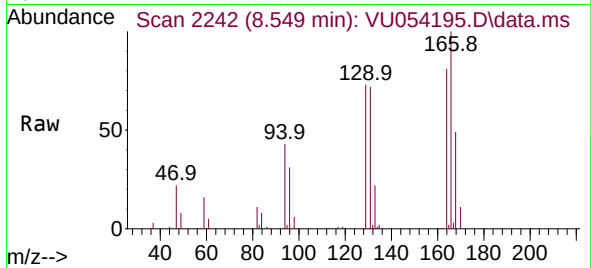




#49
Dibromochloromethane
Concen: 1.805 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU054195.D
Acq: 19 May 2023 04:08

Instrument :
MSVOA_U
ClientSampleId :
GBWY0

Tgt Ion:129 Resp: 18588
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#61
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054195.D
Acq: 19 May 2023 04:08

Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
110 1.5 32.3 48.5#
77 32.3 26.3 39.5

