

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054196.D
 Acq On : 19 May 2023 04:32
 Operator : JC/MD
 Sample : 02843-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY1

Quant Time: May 19 06:20:40 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)

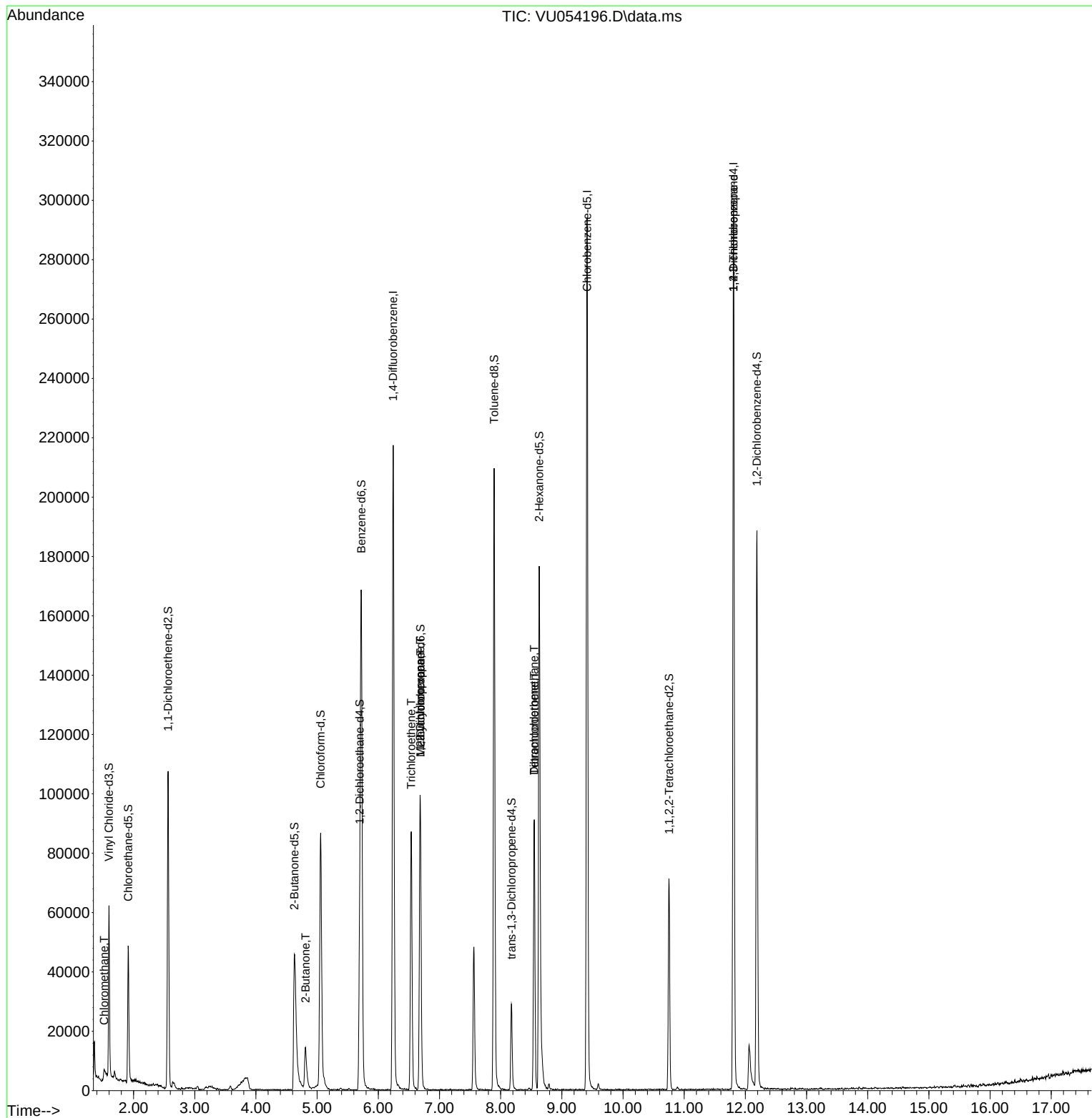
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	180837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	84376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43040	4.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.912	69	34854	4.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.562	65	20616	4.682	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	4.629	46	84370	48.526	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.060%	
24) Chloroform-d	5.057	84	82086	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.697	65	39607	4.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.723	84	160663	4.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.687	67	49253	4.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.893	98	142275	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17601	4.280	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.629	63	61383	50.137	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.280%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34973	4.793	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	53175	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1658	0.131	ug/L	96
21) 2-Butanone	4.809	43	21340	6.811	ug/L #	46
34) Trichloroethene	6.536	95	30415	2.310	ug/L	98
35) Methylcyclohexane	6.687	83	12018	0.624	ug/L #	18
37) 1,2-Dichloropropane	6.684	63	5312	0.413	ug/L #	88
47) Tetrachloroethene	8.549	164	21800	2.015	ug/L	99
49) Dibromochloromethane	8.549	129	19827	1.917	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9189	1.343	ug/L #	65

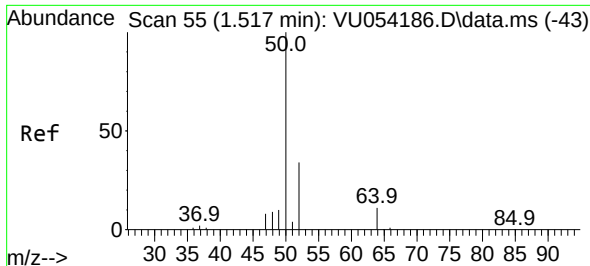
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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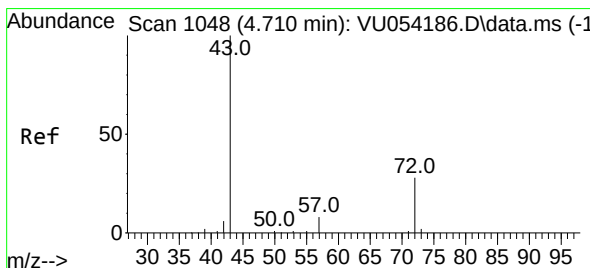
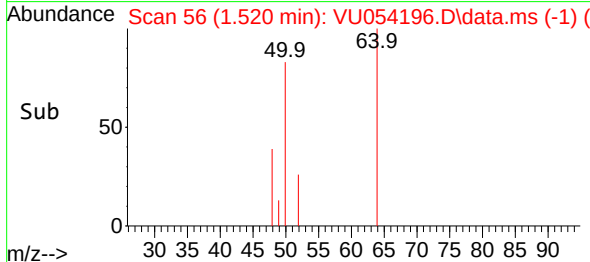
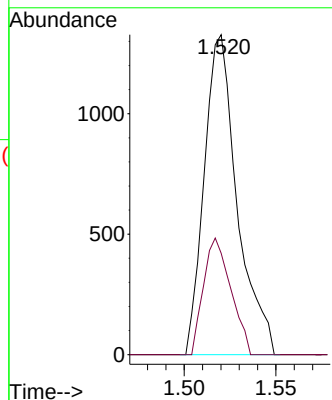
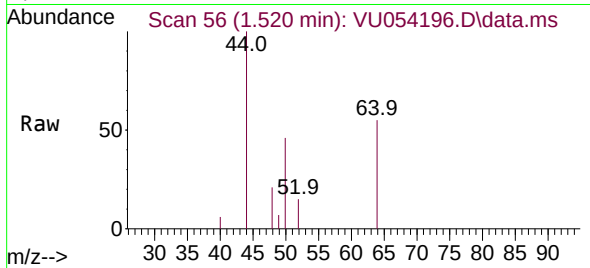




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

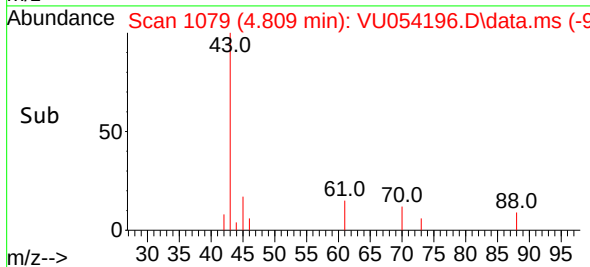
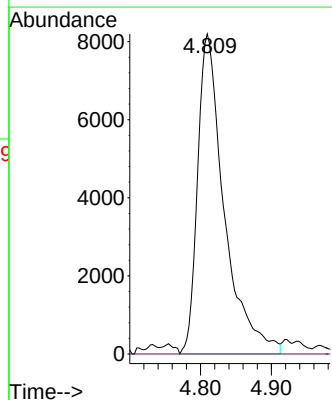
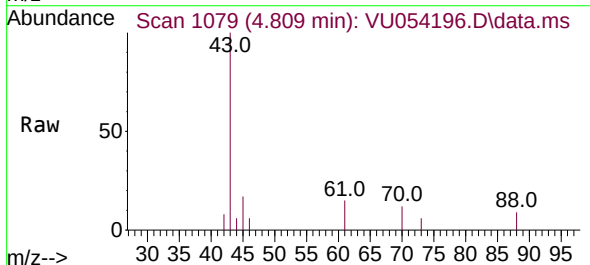
Instrument :
MSVOA_U
ClientSampleId :
GBWY1

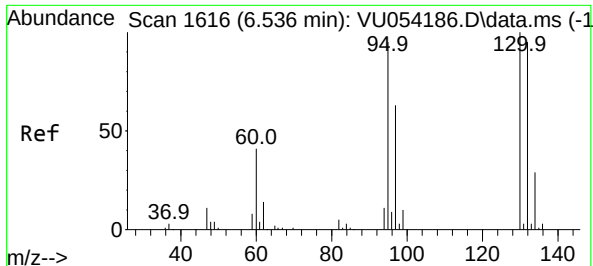
Tgt Ion: 50 Resp: 1658
Ion Ratio Lower Upper
50 100
52 31.7 23.7 44.1



#21
2-Butanone
Concen: 6.811 ug/L
RT: 4.809 min Scan# 1079
Delta R.T. 0.100 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

Tgt Ion: 43 Resp: 21340
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.8#

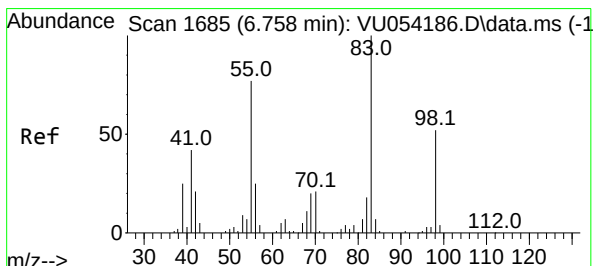
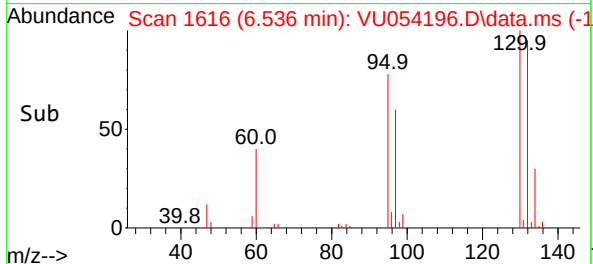
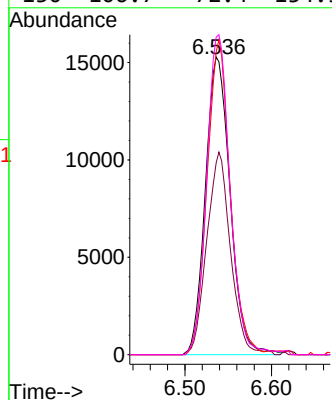
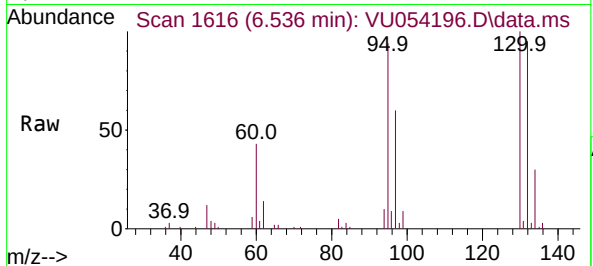




#34
Trichloroethene
Concen: 2.310 ug/L
RT: 6.536 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

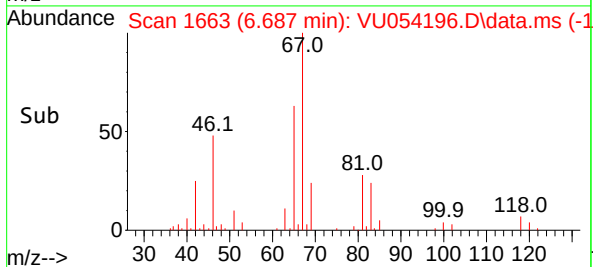
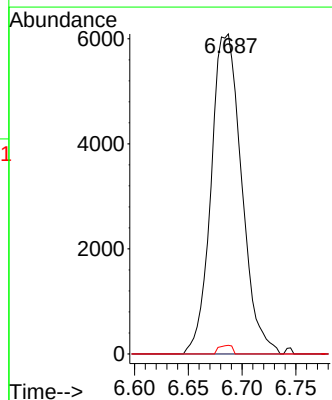
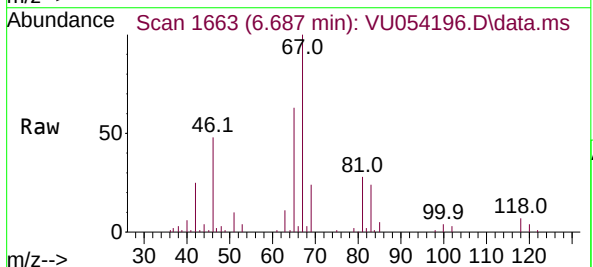
Instrument :
MSVOA_U
ClientSampleId :
GBWY1

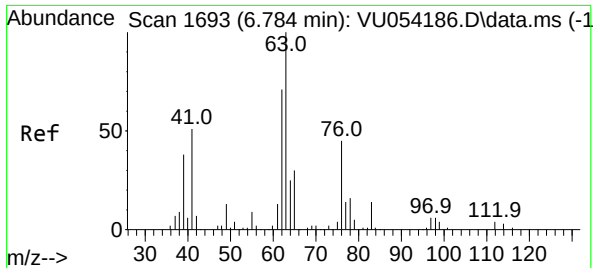
Tgt Ion: 95 Resp: 30415
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.0
132 101.8 70.1 130.3
130 106.7 72.4 134.5



#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

Tgt Ion: 83 Resp: 12018
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 1.2 41.3 61.9#

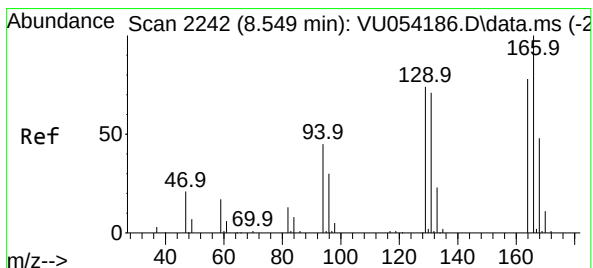
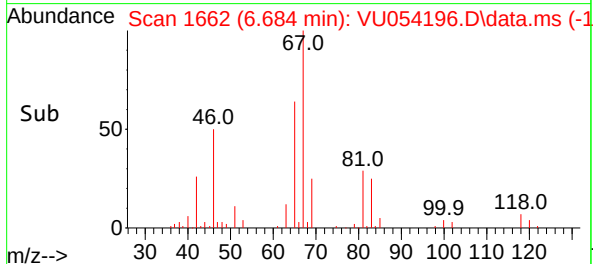
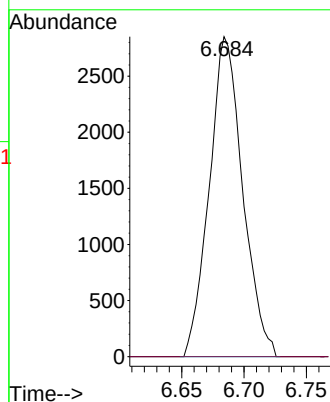
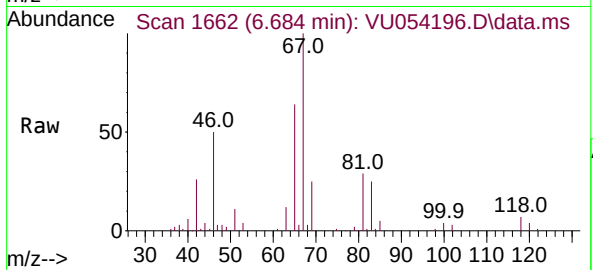




#37
1,2-Dichloropropane
Concen: 0.413 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

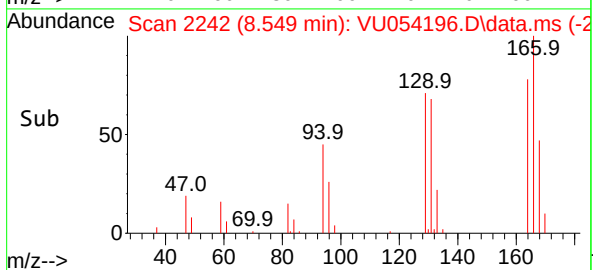
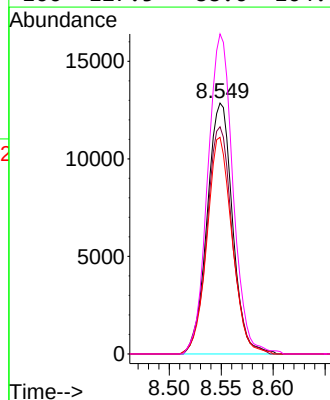
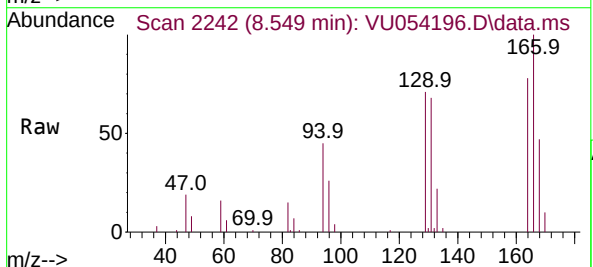
Instrument :
MSVOA_U
ClientSampleId :
GBWY1

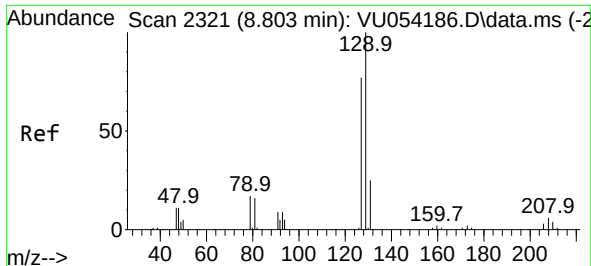
Tgt Ion: 63 Resp: 5312
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 2.015 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054196.D
Acq: 19 May 2023 04:32

Tgt Ion: 164 Resp: 21800
Ion Ratio Lower Upper
164 100
129 90.5 63.3 117.7
131 86.3 61.0 113.4
166 127.5 88.6 164.6





#49

Dibromochloromethane

Concen: 1.917 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054196.D

Acq: 19 May 2023 04:32

Instrument :

MSVOA_U

ClientSampleId :

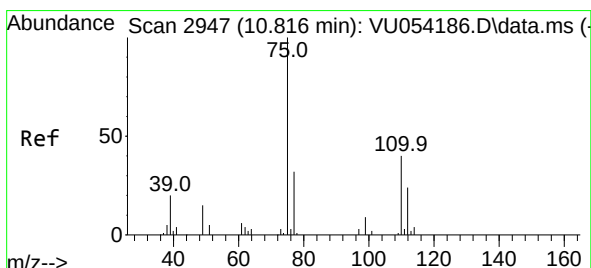
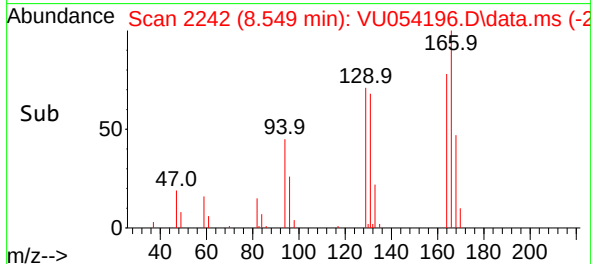
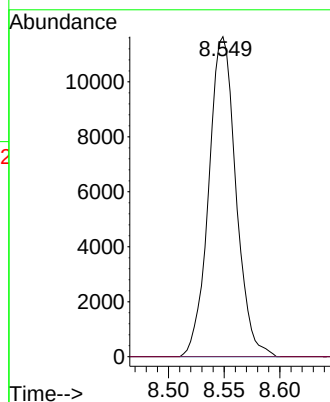
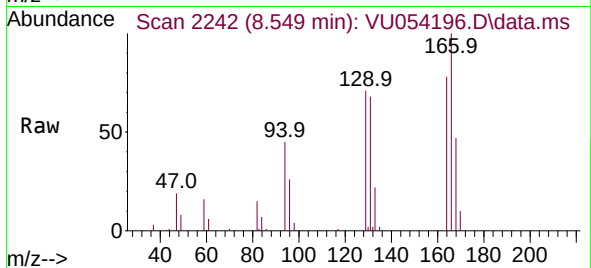
GBWY1

Tgt Ion:129 Resp: 19827

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU054196.D

Acq: 19 May 2023 04:32

Tgt Ion: 75 Resp: 9189

Ion Ratio Lower Upper

75 100

110 2.1 32.3 48.5#

77 34.0 26.3 39.5

