

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051923\
 Data File : VU054227.D
 Acq On : 19 May 2023 18:18
 Operator : JC/MD
 Sample : 02843-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY0

Quant Time: May 20 02:10:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

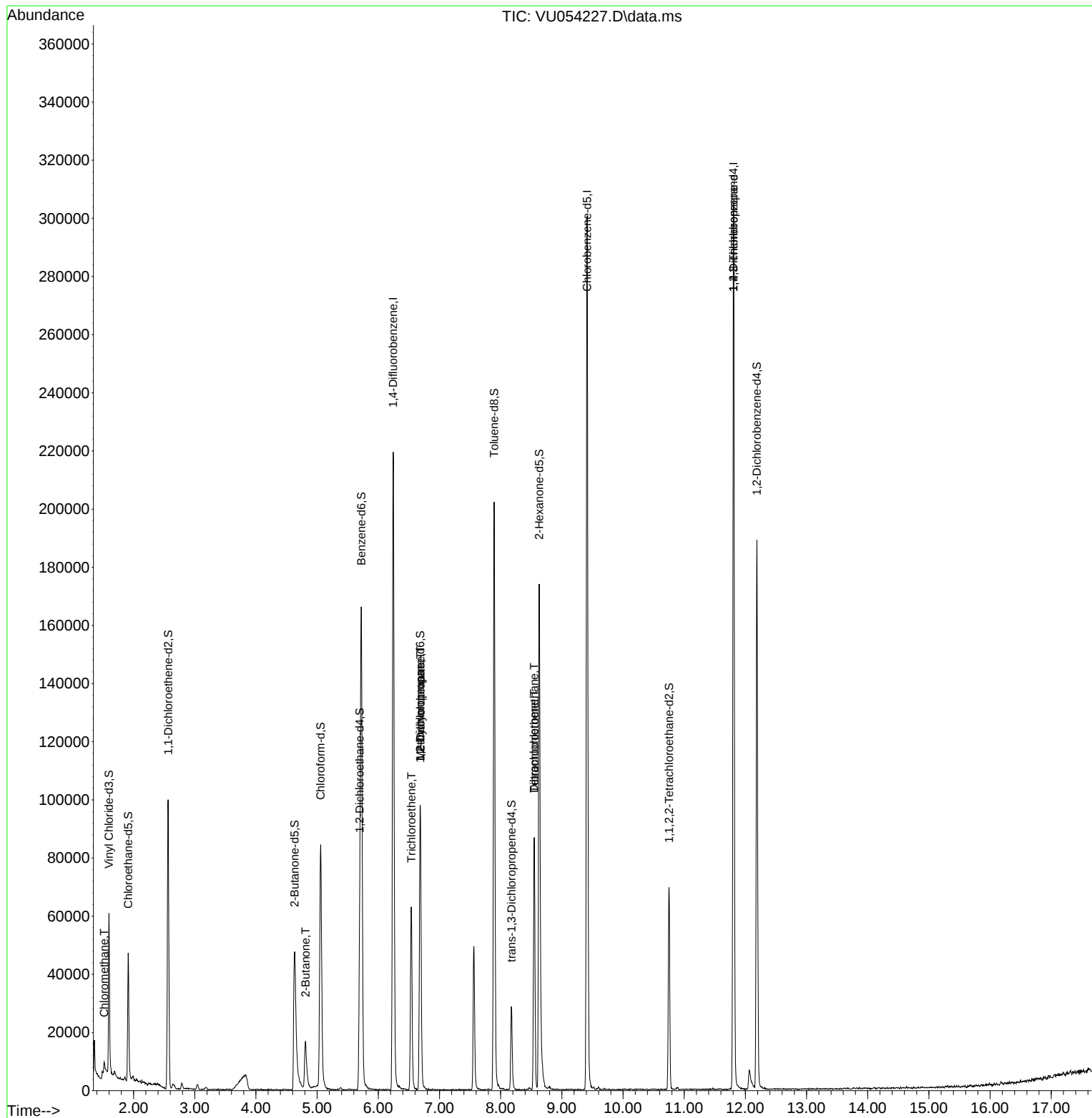
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	180542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	175329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41461	4.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.912	69	32802	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.565	65	19483	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.633	46	85609	49.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	5.057	84	79994	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.697	65	39015	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	159872	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.684	67	48666	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.893	98	139600	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.176	79	17974	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.629	63	61039	49.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35189	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	51346	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1751	0.138	ug/L #	78
21) 2-Butanone	4.809	43	23447	7.496	ug/L #	46
34) Trichloroethene	6.539	95	22002	1.649	ug/L	99
35) Methylcyclohexane	6.687	83	11676	0.598	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	5330	0.409	ug/L #	88
47) Tetrachloroethene	8.549	164	20483	1.868	ug/L	94
49) Dibromochloromethane	8.549	129	18769	1.790	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9475	1.349	ug/L #	67

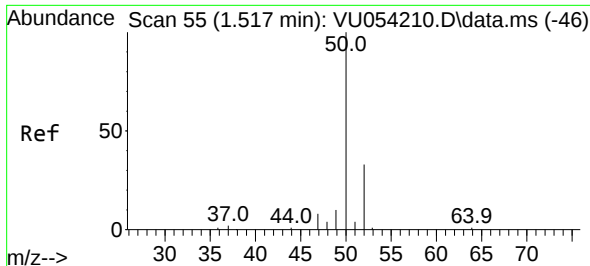
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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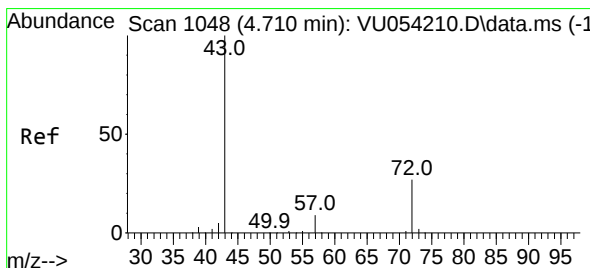
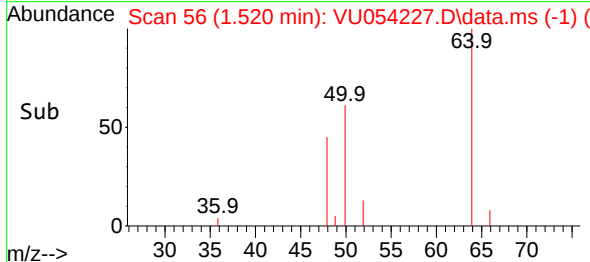
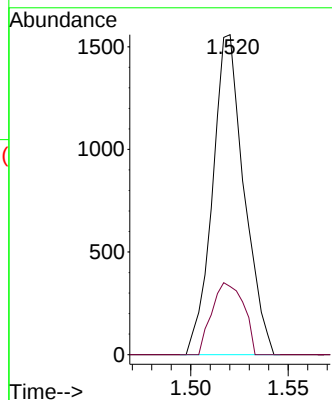
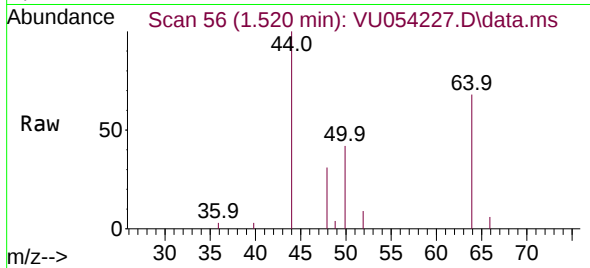




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU054227.D
Acq: 19 May 2023 18:18

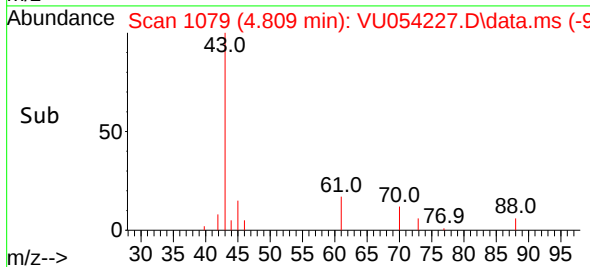
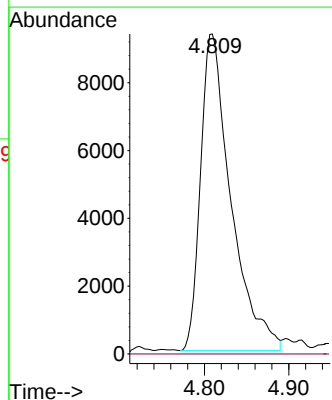
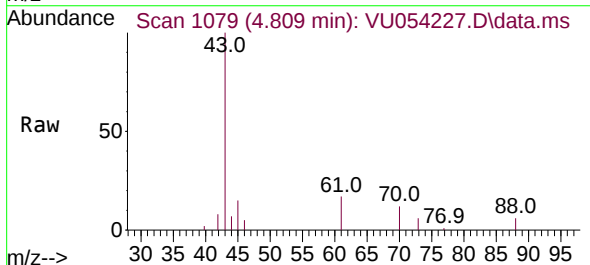
Instrument :
MSVOA_U
ClientSampleId :
GBWY0

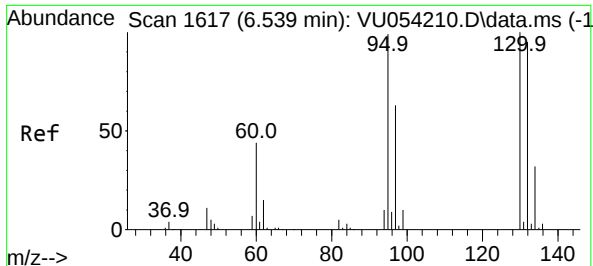
Tgt Ion: 50 Resp: 1751
Ion Ratio Lower Upper
50 100
52 21.3 23.7 44.1#



#21
2-Butanone
Concen: 7.496 ug/L
RT: 4.809 min Scan# 1079
Delta R.T. 0.100 min
Lab File: VU054227.D
Acq: 19 May 2023 18:18

Tgt Ion: 43 Resp: 23447
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.8#





#34

Trichloroethene

Concen: 1.649 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054227.D

Acq: 19 May 2023 18:18

Instrument :

MSVOA_U

ClientSampleId :

GBWY0

Tgt Ion: 95 Resp: 22002

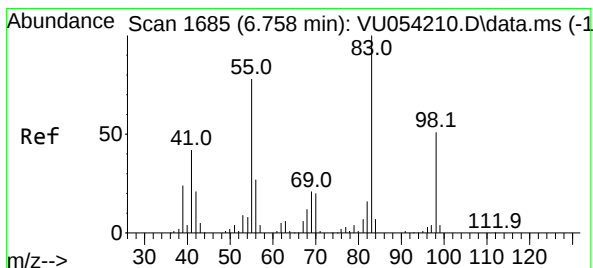
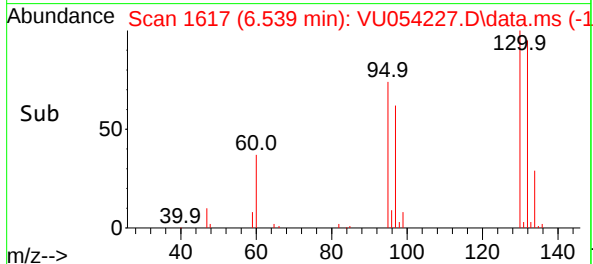
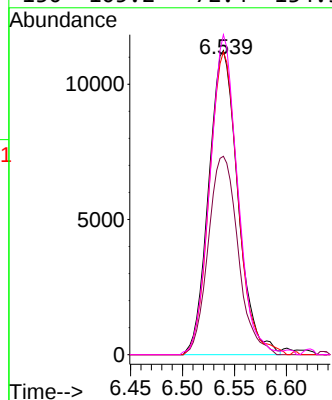
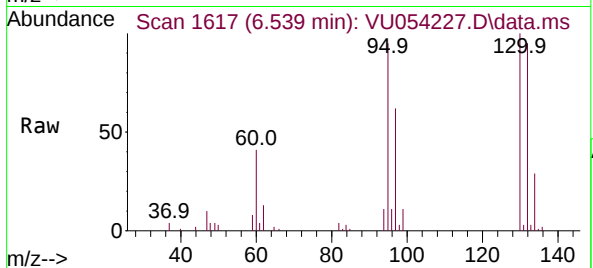
Ion Ratio Lower Upper

95 100

97 65.2 45.8 85.0

132 99.6 70.1 130.3

130 105.2 72.4 134.5



#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU054227.D

Acq: 19 May 2023 18:18

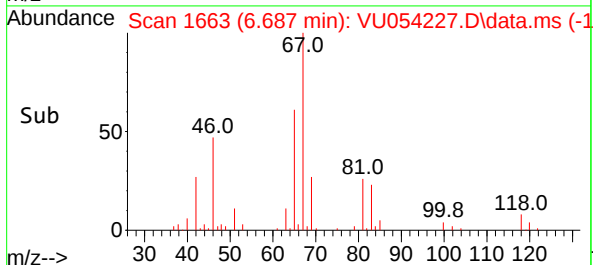
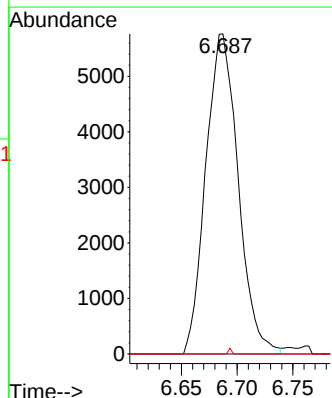
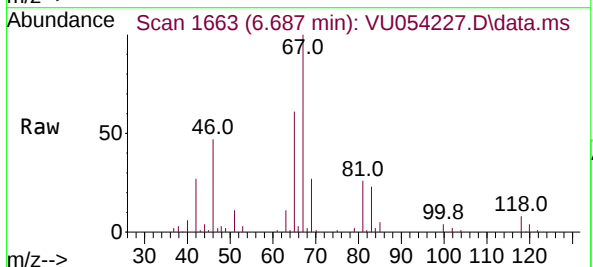
Tgt Ion: 83 Resp: 11676

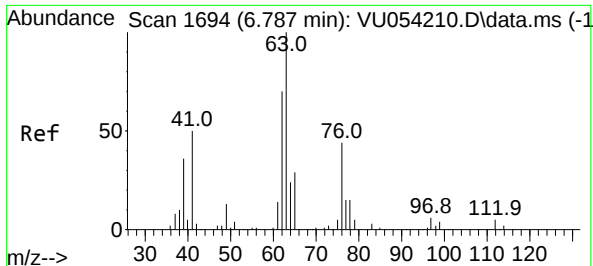
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.2 41.3 61.9#

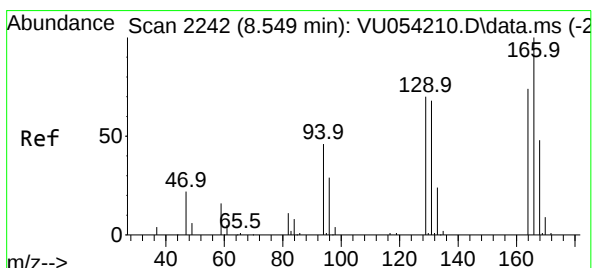
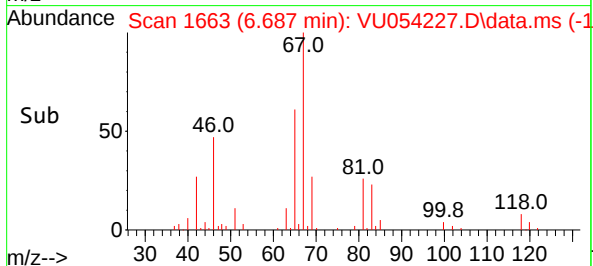
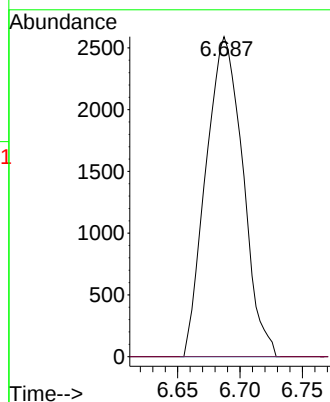
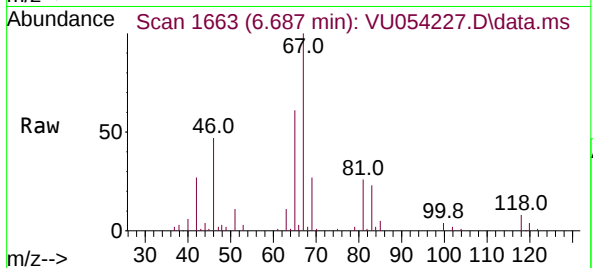




#37
1,2-Dichloropropane
Concen: 0.409 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054227.D
Acq: 19 May 2023 18:18

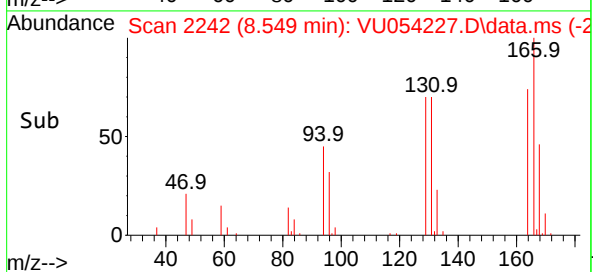
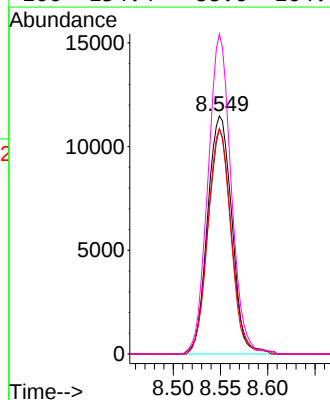
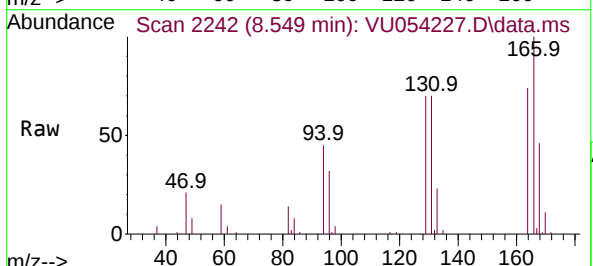
Instrument :
MSVOA_U
ClientSampleId :
GBWY0

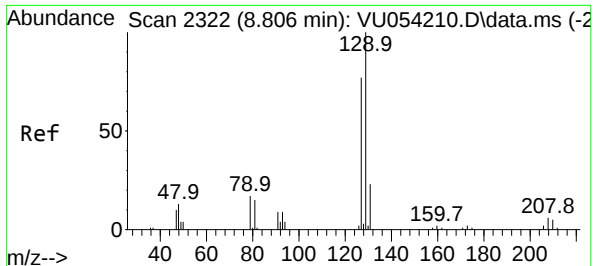
Tgt Ion: 63 Resp: 5330
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 1.868 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054227.D
Acq: 19 May 2023 18:18

Tgt Ion: 164 Resp: 20483
Ion Ratio Lower Upper
164 100
129 94.5 63.3 117.7
131 94.7 61.0 113.4
166 134.4 88.6 164.6





#49

Dibromochloromethane

Concen: 1.790 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054227.D

Acq: 19 May 2023 18:18

Instrument :

MSVOA_U

ClientSampleId :

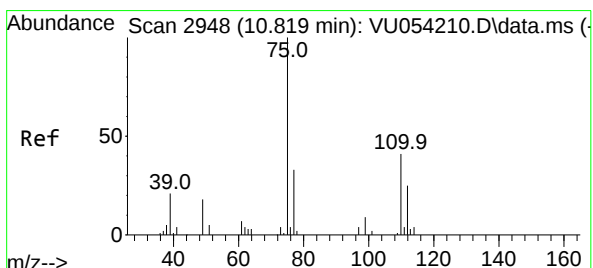
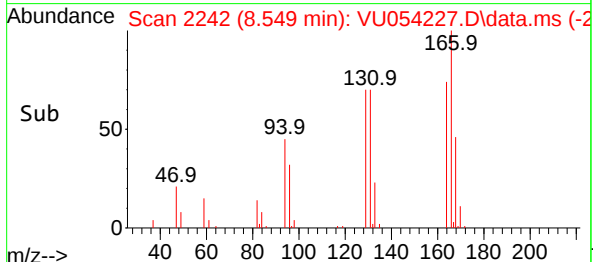
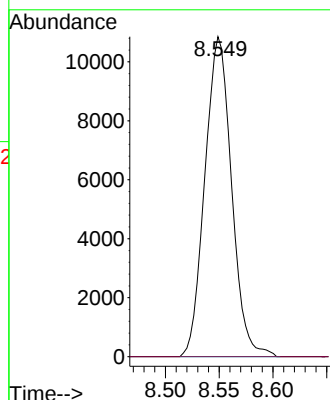
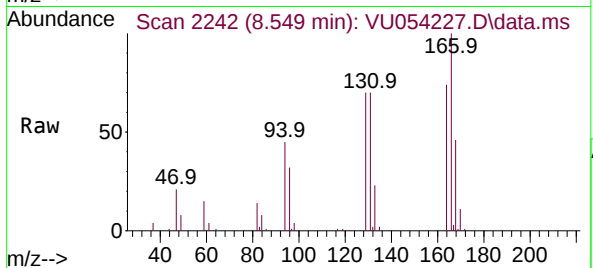
GBWY0

Tgt Ion:129 Resp: 18769

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.349 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU054227.D

Acq: 19 May 2023 18:18

Tgt Ion: 75 Resp: 9475

Ion Ratio Lower Upper

75 100

110 3.6 32.3 48.5#

77 32.2 26.3 39.5

