

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051923\
 Data File : VU054228.D
 Acq On : 19 May 2023 18:42
 Operator : JC/MD
 Sample : 02843-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY1

Quant Time: May 20 02:11:05 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)

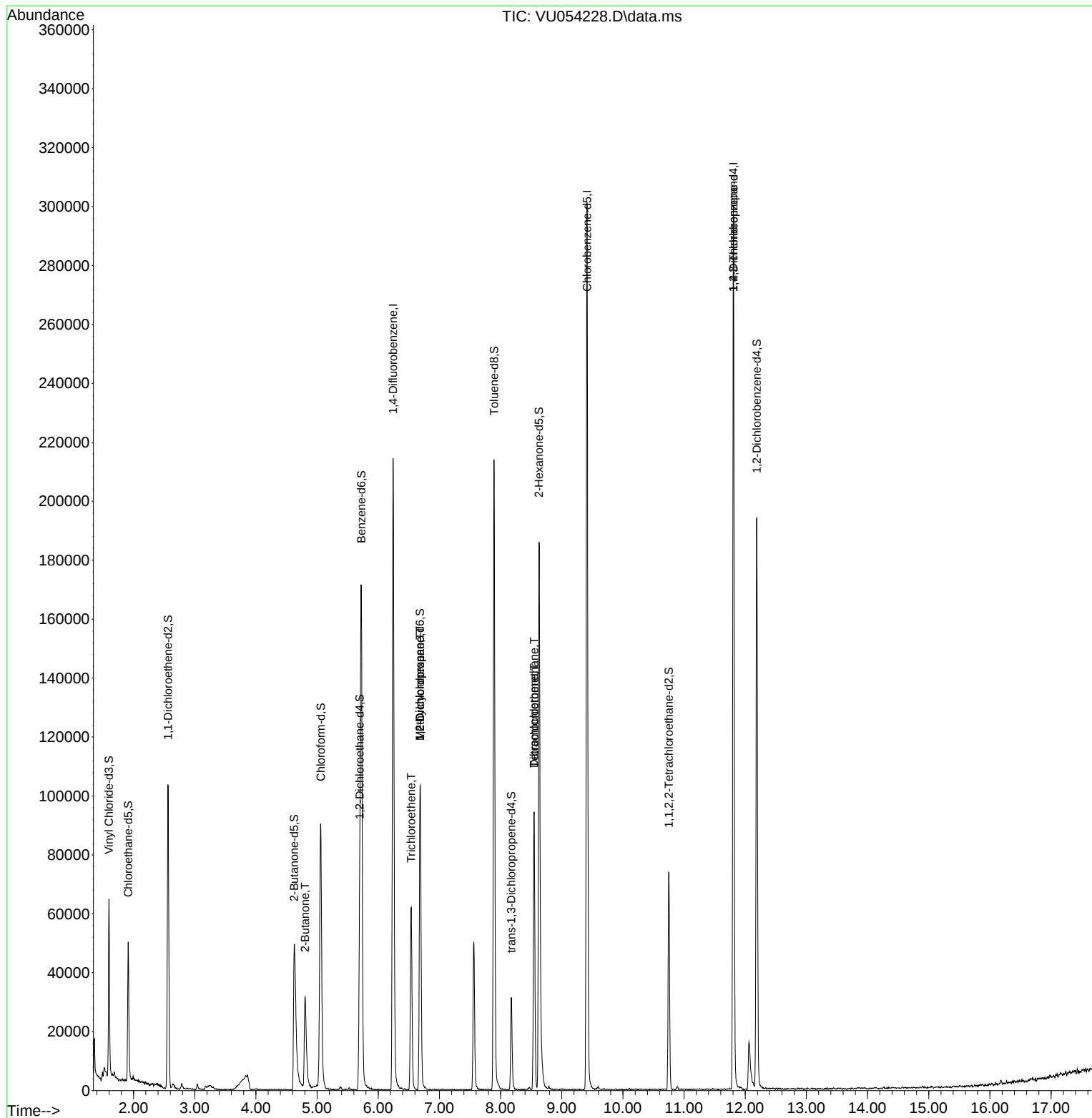
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	179075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44651	4.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.912	69	35604	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.562	65	19995	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.626	46	89964	52.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.500%
24) Chloroform-d	5.060	84	86530	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.697	65	40405	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.722	84	167216	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.684	67	50943	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.893	98	147488	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.176	79	18714	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.629	63	64165	52.669	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36310	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	54028	5.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.803	43	43944	14.164	ug/L #	46
34) Trichloroethene	6.539	95	22271	1.700	ug/L	93
35) Methylcyclohexane	6.684	83	12317	0.643	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5311	0.415	ug/L #	88
47) Tetrachloroethene	8.549	164	22250	2.067	ug/L	97
49) Dibromochloromethane	8.549	129	20649	2.007	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9215	1.359	ug/L #	66

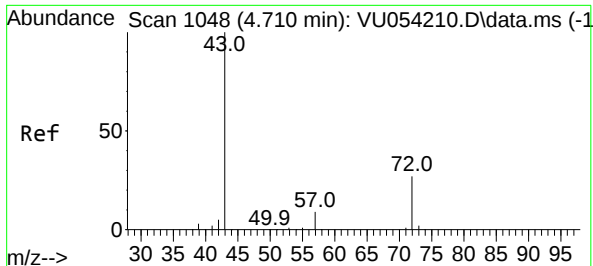
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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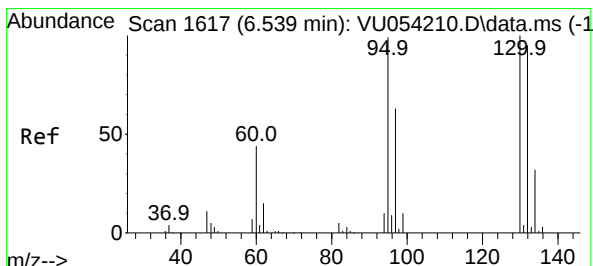
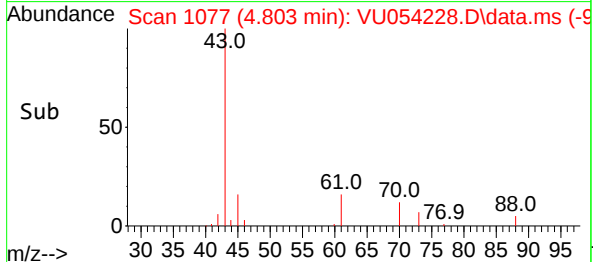
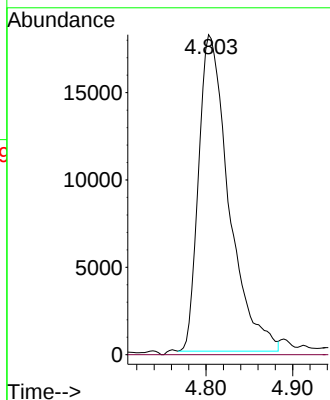
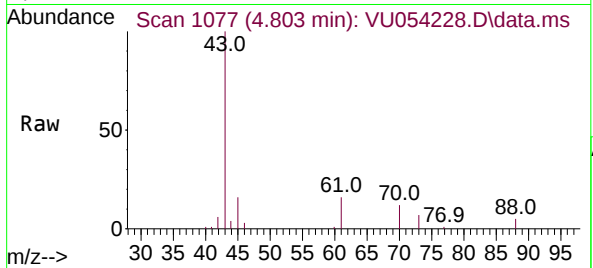




#21
2-Butanone
Concen: 14.164 ug/L
RT: 4.803 min Scan# 1077
Delta R.T. 0.093 min
Lab File: VU054228.D
Acq: 19 May 2023 18:42

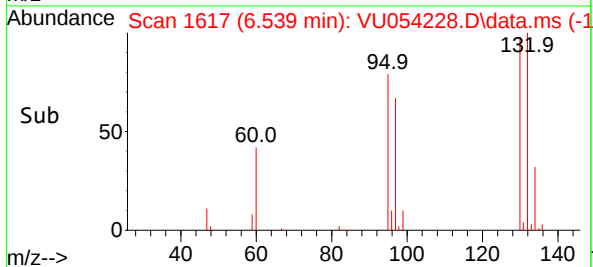
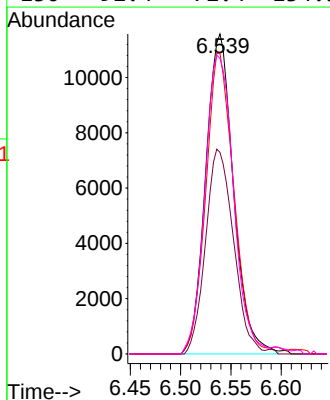
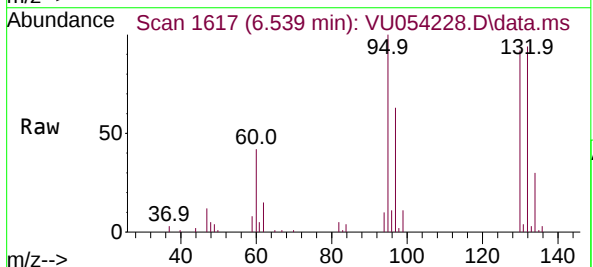
Instrument :
MSVOA_U
ClientSampleId :
GBWY1

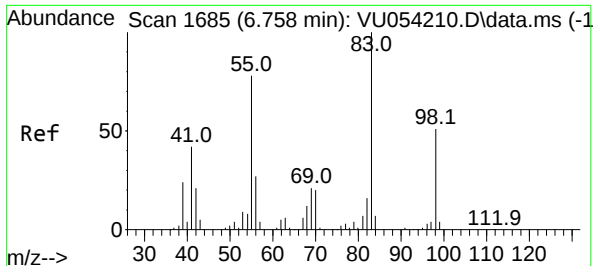
Tgt Ion: 43 Resp: 43944
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.8#



#34
Trichloroethene
Concen: 1.700 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU054228.D
Acq: 19 May 2023 18:42

Tgt Ion: 95 Resp: 22271
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.0
132 94.0 70.1 130.3
130 92.4 72.4 134.5





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054228.D

Acq: 19 May 2023 18:42

Instrument :

MSVOA_U

ClientSampleId :

GBWY1

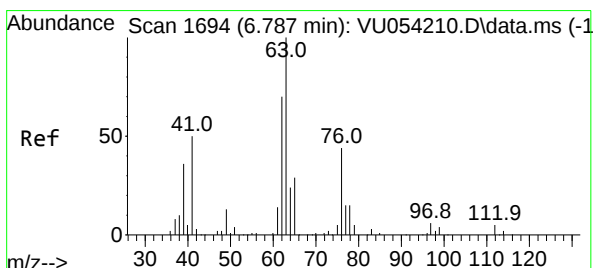
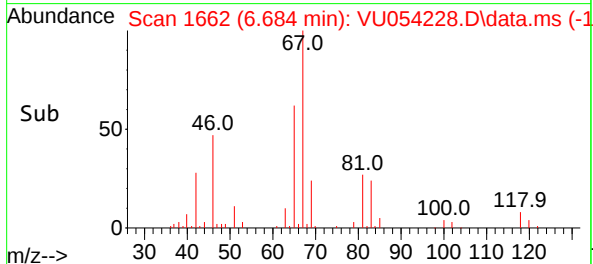
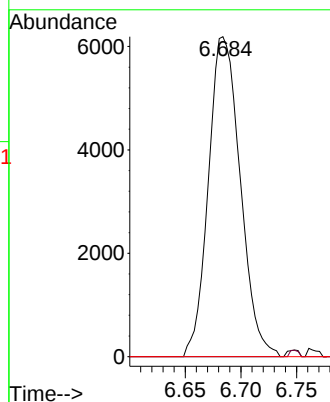
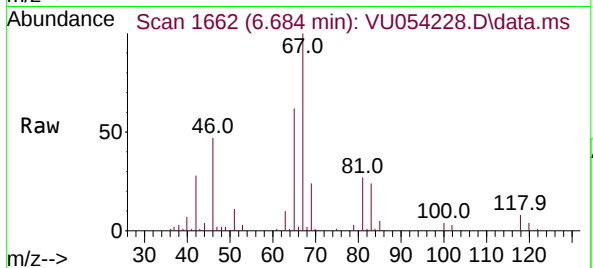
Tgt Ion: 83 Resp: 12317

Ion Ratio Lower Upper

83 100

55 0.5 61.6 92.4#

98 0.0 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.415 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054228.D

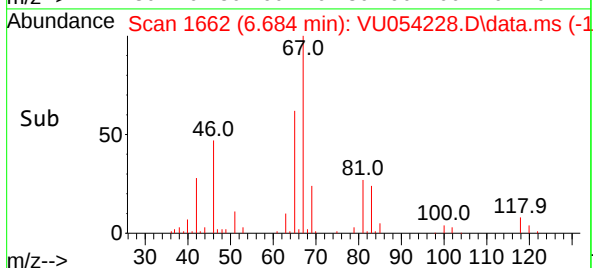
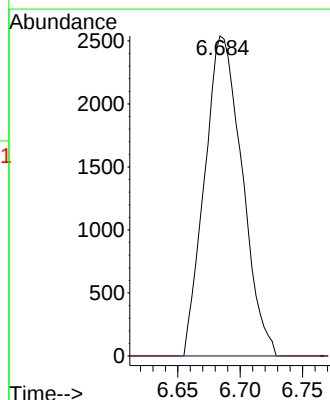
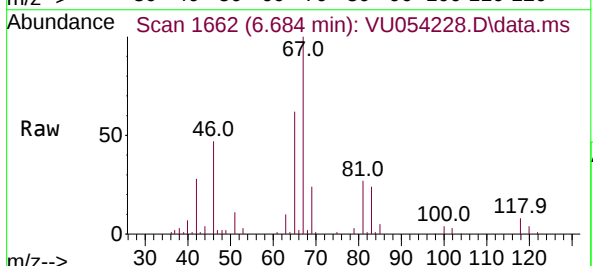
Acq: 19 May 2023 18:42

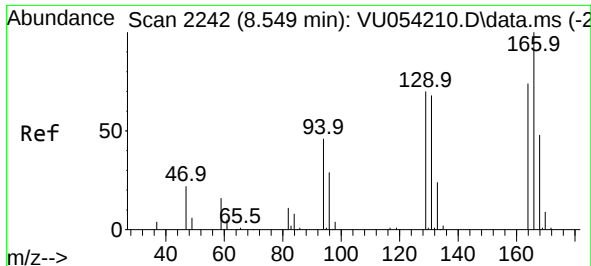
Tgt Ion: 63 Resp: 5311

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 2.067 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU054228.D

Acq: 19 May 2023 18:42

Instrument :

MSVOA_U

ClientSampleId :

GBWY1

Tgt Ion:164 Resp: 22250

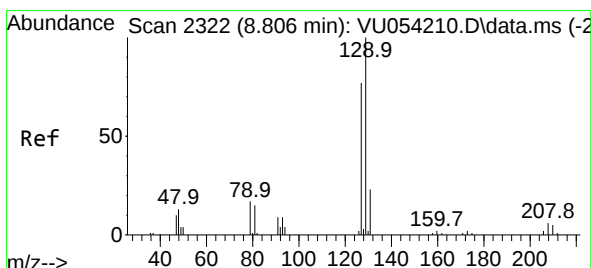
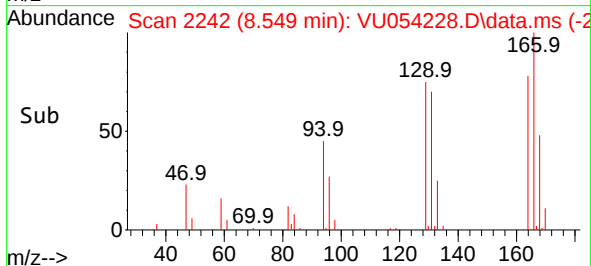
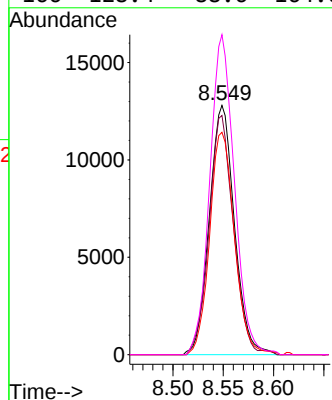
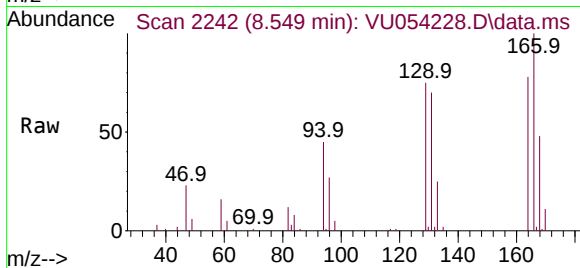
Ion Ratio Lower Upper

164 100

129 95.9 63.3 117.7

131 89.2 61.0 113.4

166 128.4 88.6 164.6



#49

Dibromochloromethane

Concen: 2.007 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU054228.D

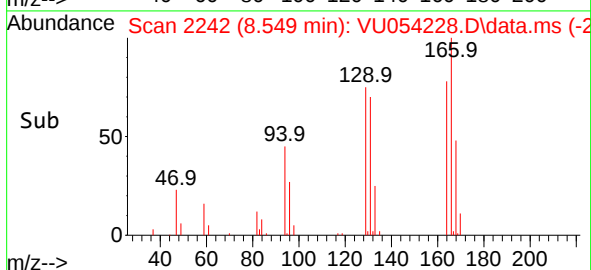
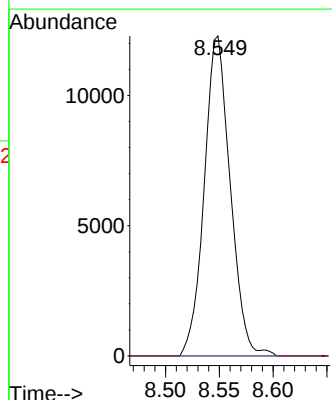
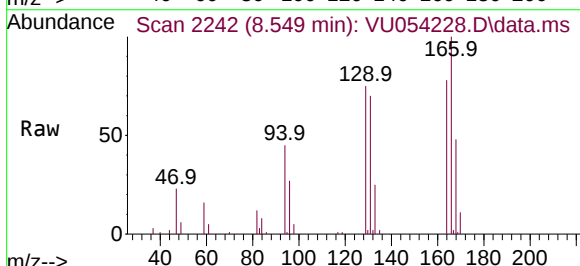
Acq: 19 May 2023 18:42

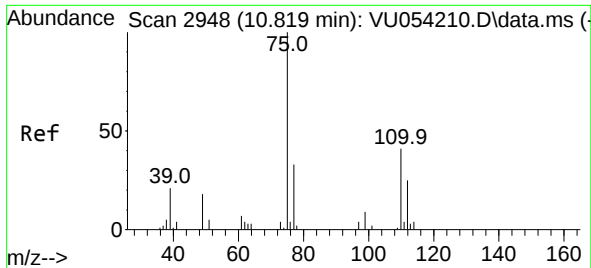
Tgt Ion:129 Resp: 20649

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.359 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054228.D
 Acq: 19 May 2023 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY1

Tgt Ion: 75 Resp: 9215
 Ion Ratio Lower Upper
 75 100
 110 2.6 32.3 48.5#
 77 33.1 26.3 39.5

