

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054762.D
 Acq On : 05 Jul 2023 11:31
 Operator : MD/SY
 Sample : 03495-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB3DL

Quant Time: Jul 06 01:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 06 01:01:36 2023
 Response via : Initial Calibration

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

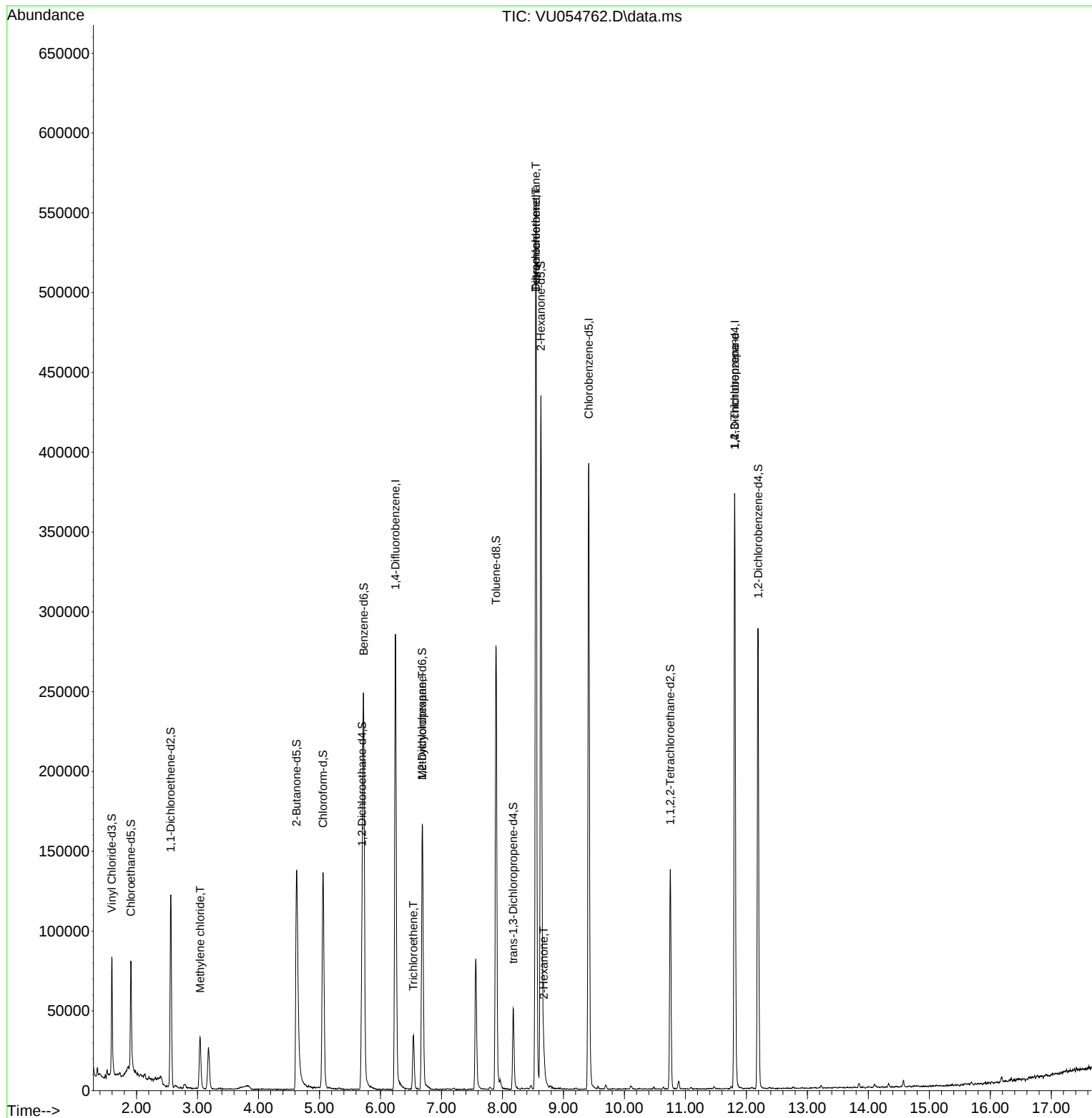
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	223473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54847	3.766	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.907	69	52887	3.879	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.600%	
11) 1,1-Dichloroethene-d2	2.560	65	22790	3.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	4.624	46	210479	51.409	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.820%	
24) Chloroform-d	5.058	84	125277	4.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
26) 1,2-Dichloroethane-d4	5.698	65	67599	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.724	84	229295	3.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.685	67	81437	3.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.600%	
41) Toluene-d8	7.897	98	192910	3.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	8.177	79	30368	4.209	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.631	63	143885	47.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70309	4.545	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	75986	4.479	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	16433	0.704	ug/L	96
34) Trichloroethene	6.541	95	11360	0.535	ug/L	98
35) Methylcyclohexane	6.685	83	18604	0.580	ug/L #	16
47) Tetrachloroethene	8.550	164	127170	7.822	ug/L	98
48) 2-Hexanone	8.679	43	7816	0.905	ug/L #	88
49) Dibromochloromethane	8.550	129	120007	8.273	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	12027	1.183	ug/L #	69

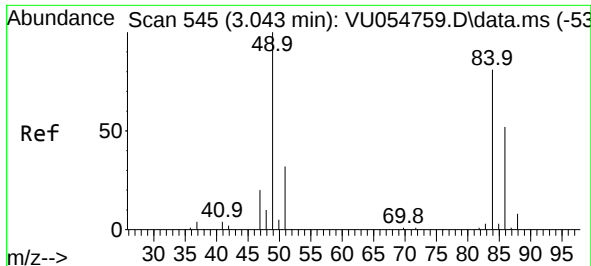
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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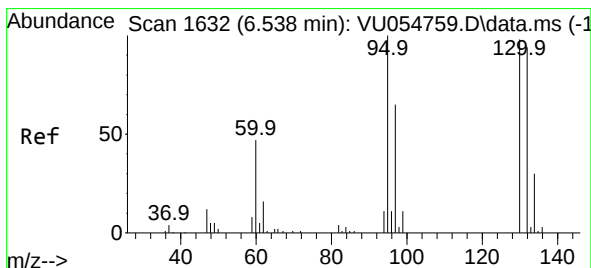
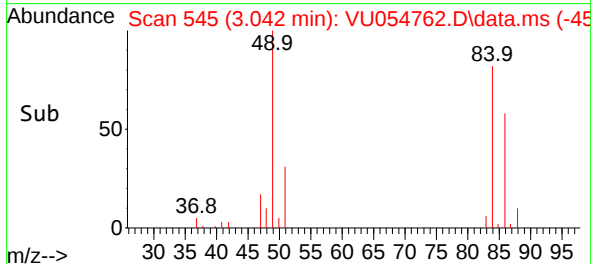
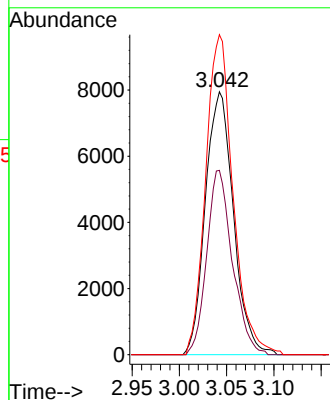
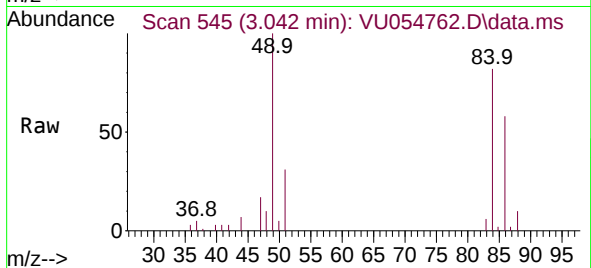




#16
Methylene chloride
Concen: 0.704 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054762.D
Acq: 05 Jul 2023 11:31

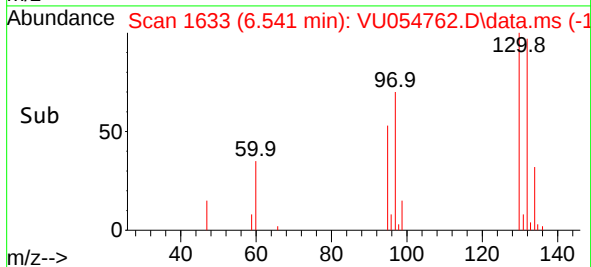
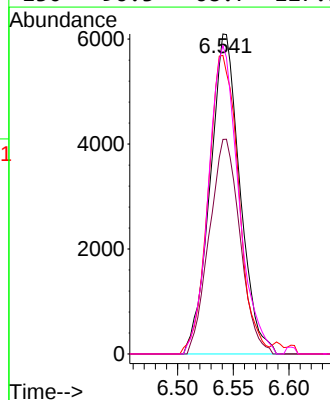
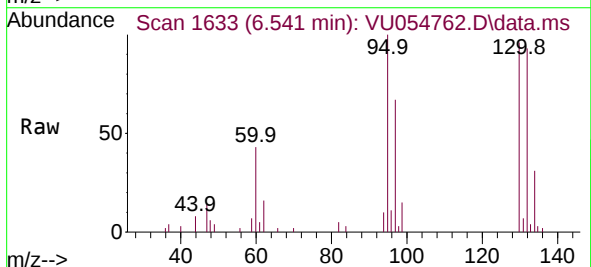
Instrument :
MSVOA_U
ClientSampleId :
H0FB3DL

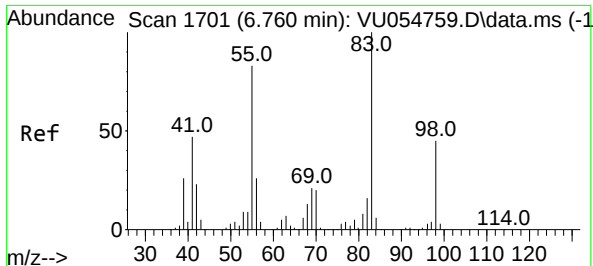
Tgt Ion: 84 Resp: 16433
Ion Ratio Lower Upper
84 100
86 70.1 43.9 81.5
49 121.7 86.1 159.9



#34
Trichloroethene
Concen: 0.535 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054762.D
Acq: 05 Jul 2023 11:31

Tgt Ion: 95 Resp: 11360
Ion Ratio Lower Upper
95 100
97 67.1 46.8 87.0
132 93.3 68.4 127.0
130 96.3 68.7 127.5





#35

Methylcyclohexane

Concen: 0.580 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054762.D

Acq: 05 Jul 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

H0FB3DL

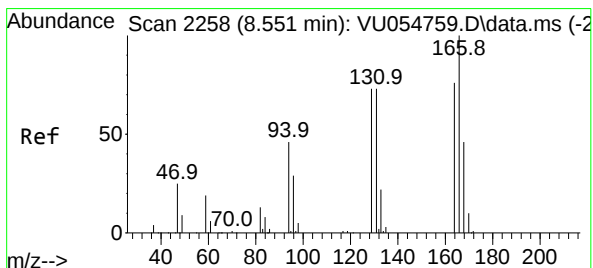
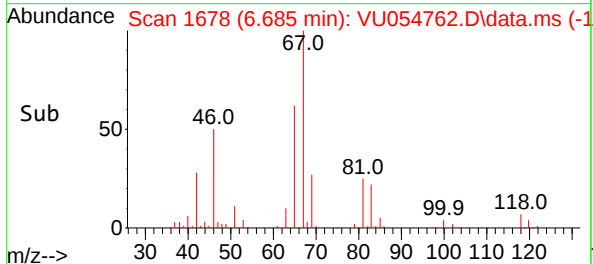
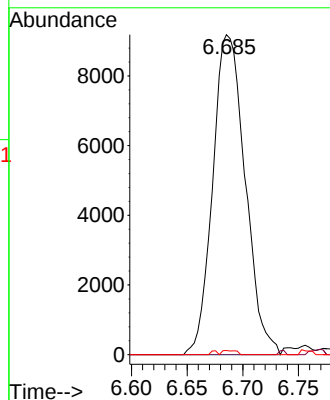
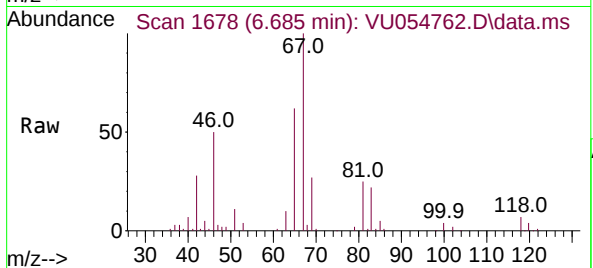
Tgt Ion: 83 Resp: 18604

Ion Ratio Lower Upper

83 100

55 0.0 67.1 100.7#

98 0.6 35.1 52.7#



#47

Tetrachloroethene

Concen: 7.822 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU054762.D

Acq: 05 Jul 2023 11:31

Tgt Ion: 164 Resp: 127170

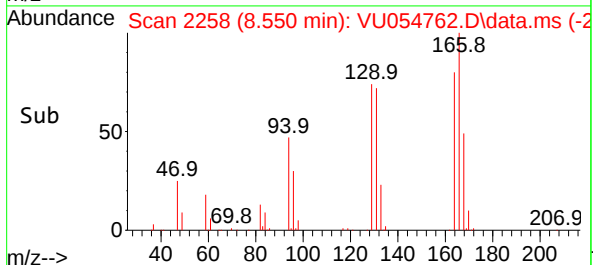
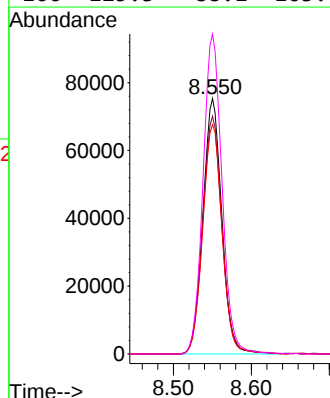
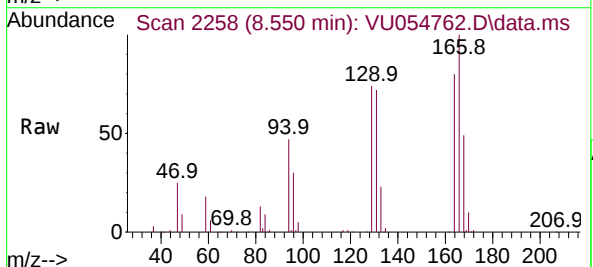
Ion Ratio Lower Upper

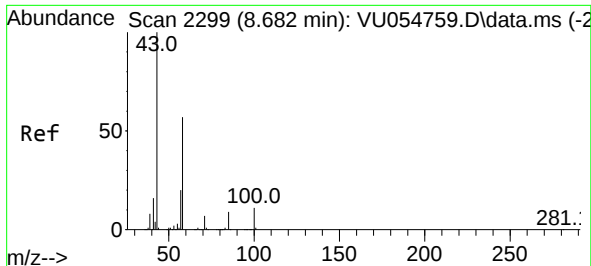
164 100

129 93.0 67.7 125.7

131 89.8 64.6 120.0

166 125.3 88.1 163.7

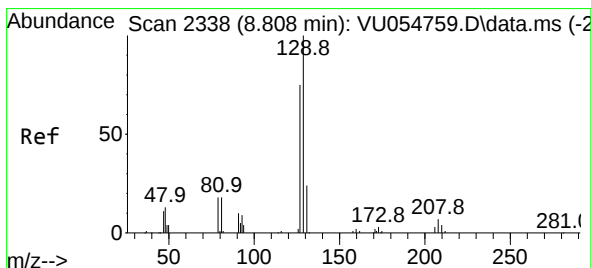
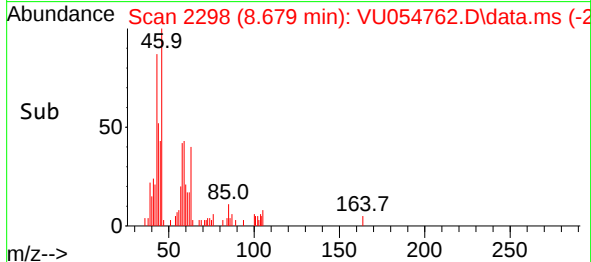
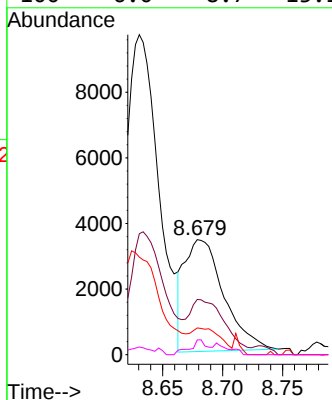
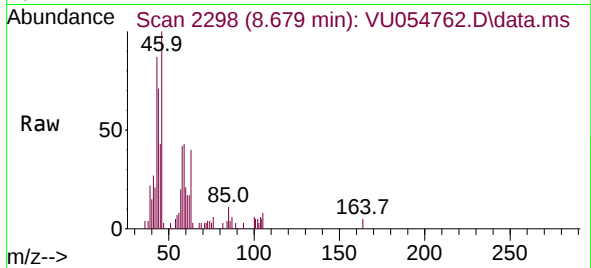




#48
2-Hexanone
Concen: 0.905 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054762.D
Acq: 05 Jul 2023 11:31

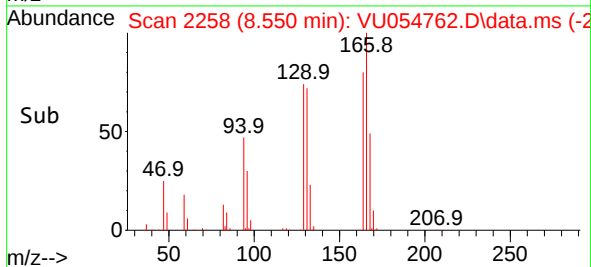
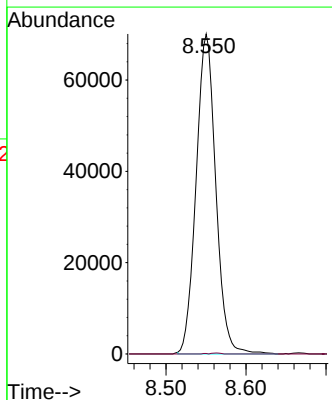
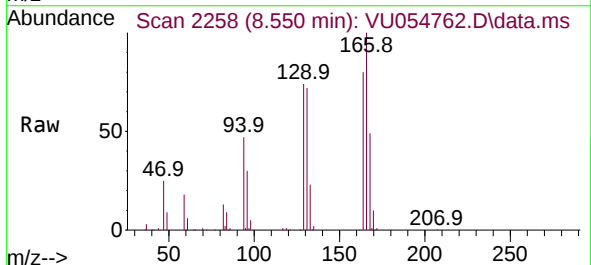
Instrument :
MSVOA_U
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H0FB3DL

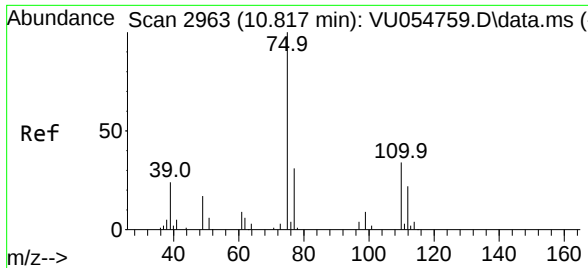
Tgt Ion: 43	Resp: 7816
Ion Ratio	Lower Upper
43	100
58	45.9 45.2 67.8
57	18.2 15.8 23.6
100	6.0 8.7 13.1#



#49
Dibromochloromethane
Concen: 8.273 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.258 min
Lab File: VU054762.D
Acq: 05 Jul 2023 11:31

Tgt Ion: 129	Resp: 120007
Ion Ratio	Lower Upper
129	100
127	0.1 53.2 98.8#





#61
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054762.D
Acq: 05 Jul 2023 11:31

Instrument :
MSVOA_U
ClientSampleId :
H0FB3DL

Tgt Ion:	75	Resp:	12027
Ion	Ratio	Lower	Upper
75	100		
110	2.6	28.0	42.0#
77	34.4	25.4	38.2

