

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056972.D
 Acq On : 17 Dec 2023 16:52
 Operator : MD/SY
 Sample : 05842-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:18:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

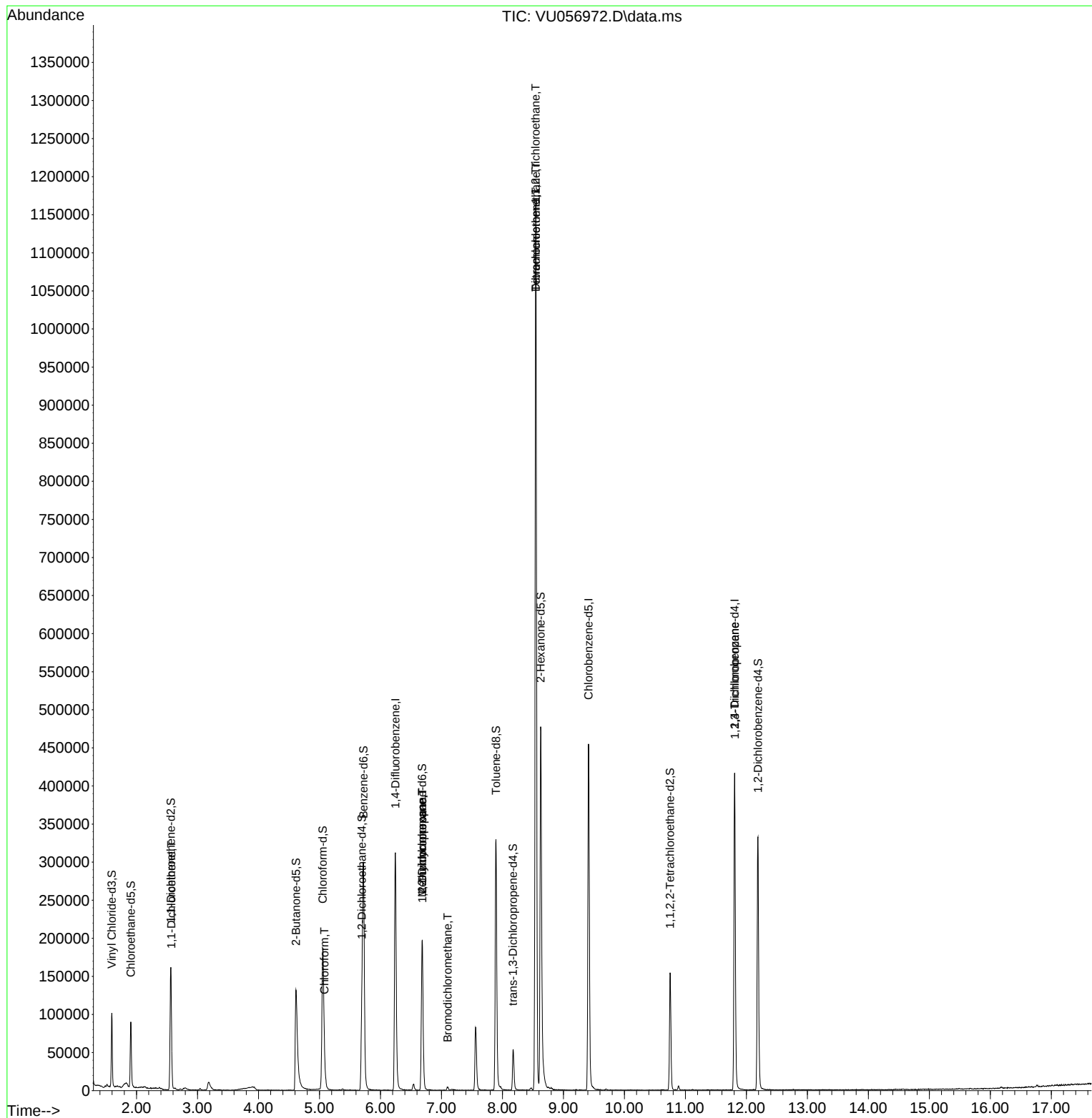
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255327	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	264561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68028	3.108	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.907	69	66381	4.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.563	65	30554	3.263	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	4.615	46	208314	48.197	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.400%	
24) Chloroform-d	5.055	84	171816	4.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.695	65	78675	4.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
32) Benzene-d6	5.721	84	285396	3.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.600%#	
36) 1,2-Dichloropropane-d6	6.685	67	99562	3.876	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.600%	
41) Toluene-d8	7.894	98	225704	3.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.600%#	
43) trans-1,3-Dichloroprop...	8.174	79	30683	3.080	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.600%	
46) 2-Hexanone-d5	8.627	63	156843	41.750	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.500%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	78629	4.231	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89947	4.098	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3720	0.179	ug/L #	1
25) Chloroform	5.081	83	20855	0.492	ug/L	94
35) Methylcyclohexane	6.682	83	23117	0.614	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	10175	0.428	ug/L #	89
38) Bromodichloromethane	7.103	83	3095	0.102	ug/L #	95
45) 1,1,2-Trichloroethane	8.544	97	2566	0.160	ug/L #	19
47) Tetrachloroethene	8.547	164	247806	13.883	ug/L	99
49) Dibromochloromethane	8.547	129	256197	13.862	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	14015	1.169	ug/L #	69

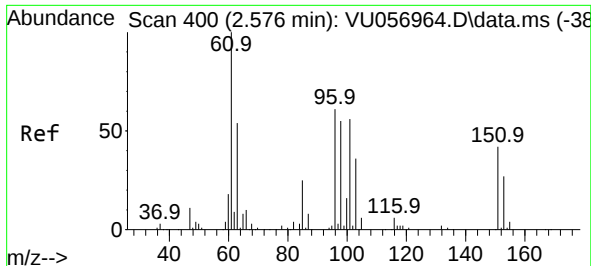
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.179 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU056972.D

Acq: 17 Dec 2023 16:52

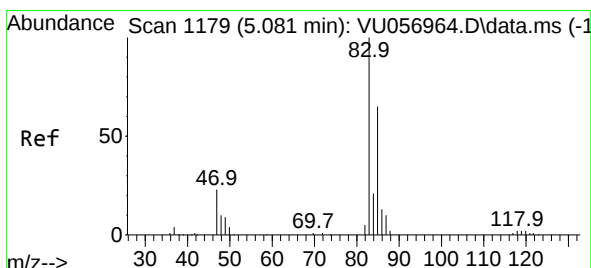
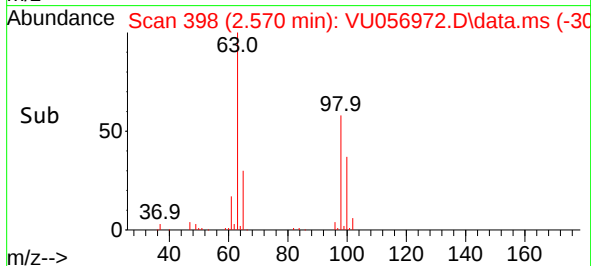
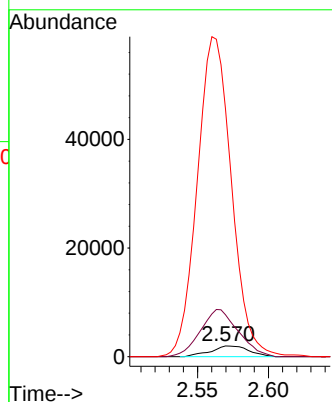
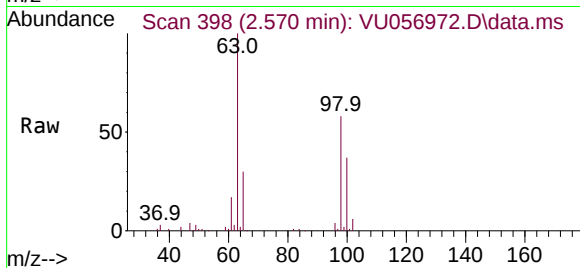
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 3720

Ion	Ratio	Lower	Upper
96	100		
61	389.6	119.0	221.0#
63	2307.3	88.7	164.7#



#25

Chloroform

Concen: 0.492 ug/L

RT: 5.081 min Scan# 1179

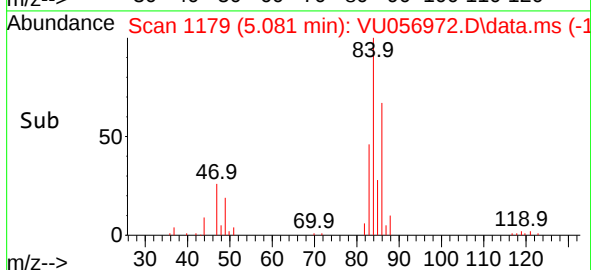
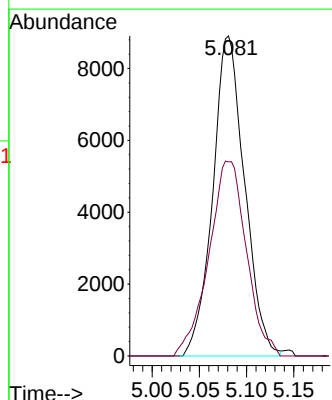
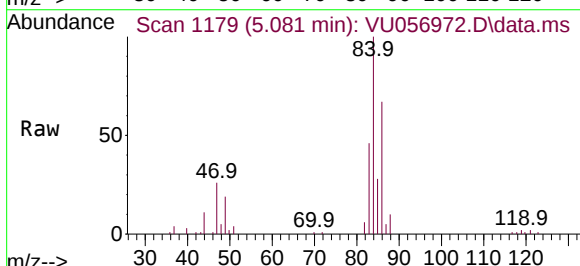
Delta R.T. -0.000 min

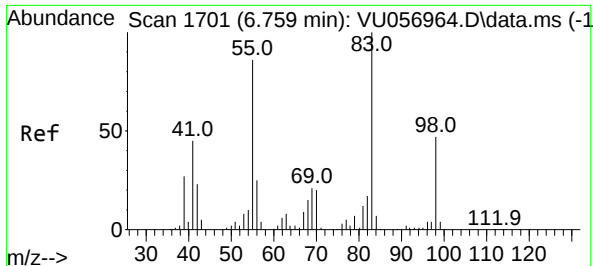
Lab File: VU056972.D

Acq: 17 Dec 2023 16:52

Tgt Ion: 83 Resp: 20855

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.8	85.0

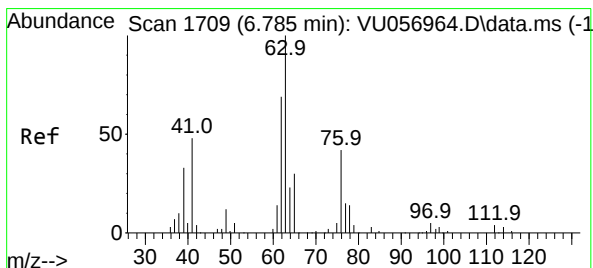
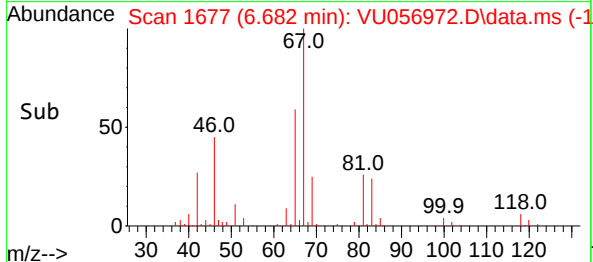
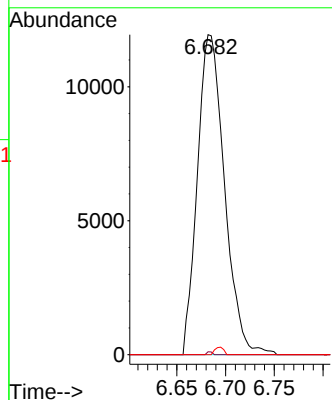
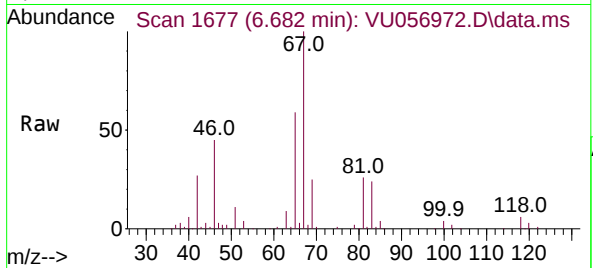




#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056972.D
Acq: 17 Dec 2023 16:52

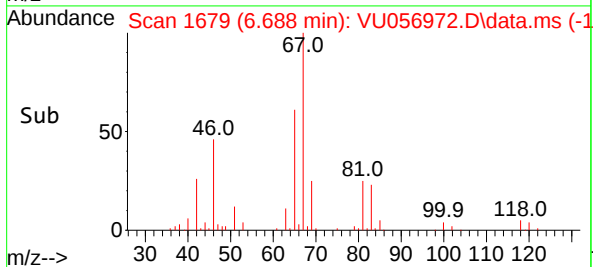
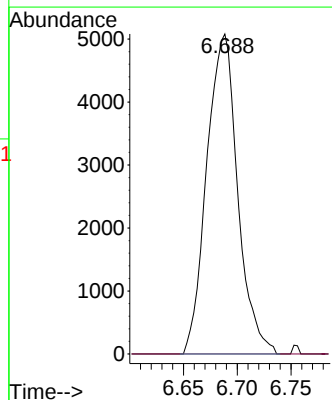
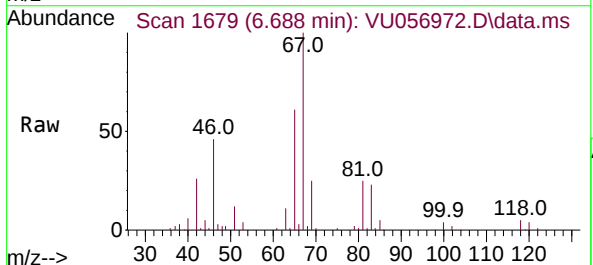
Instrument :
MSVOA_U
ClientSampleId :

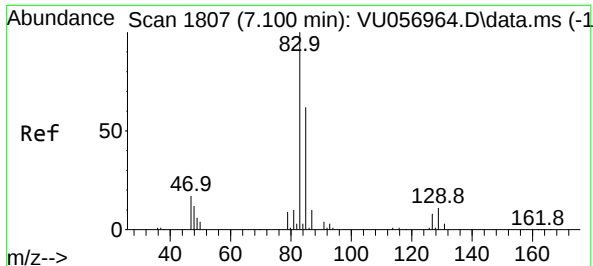
Tgt Ion: 83 Resp: 23117
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.8 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.428 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU056972.D
Acq: 17 Dec 2023 16:52

Tgt Ion: 63 Resp: 10175
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#

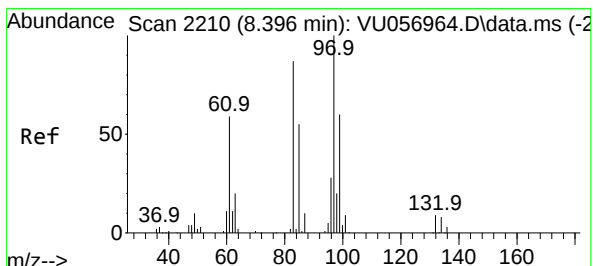
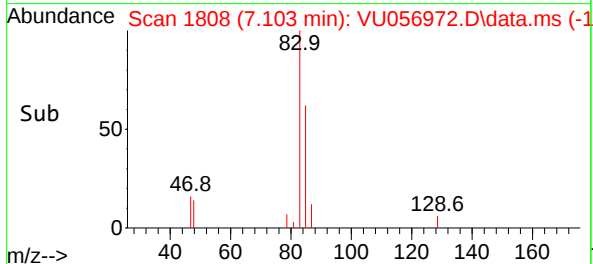
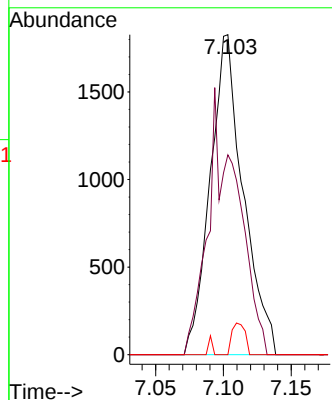
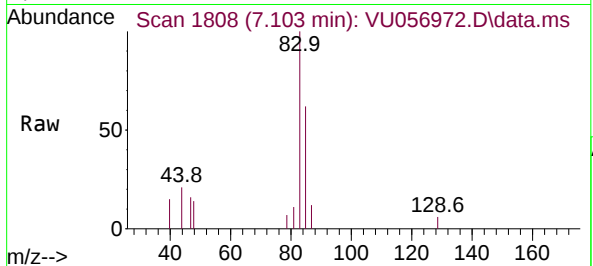




#38
Bromodichloromethane
Concen: 0.102 ug/L
RT: 7.103 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056972.D
Acq: 17 Dec 2023 16:52

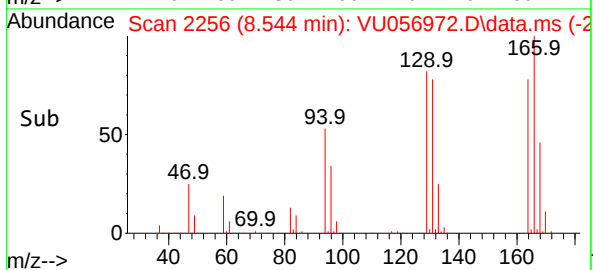
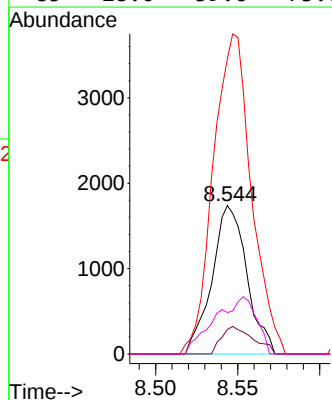
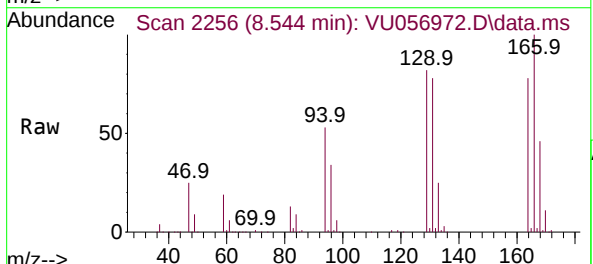
Instrument :
MSVOA_U
ClientSampleId :

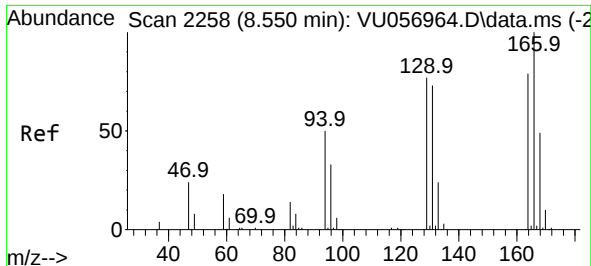
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.0	83.6
127	0.0	7.0	10.4#



#45
1,1,2-Trichloroethane
Concen: 0.160 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.148 min
Lab File: VU056972.D
Acq: 17 Dec 2023 16:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	16.6	41.9	77.9#
83	199.0	59.1	109.7#
85	28.0	39.6	73.6#





#47

Tetrachloroethene

Concen: 13.883 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

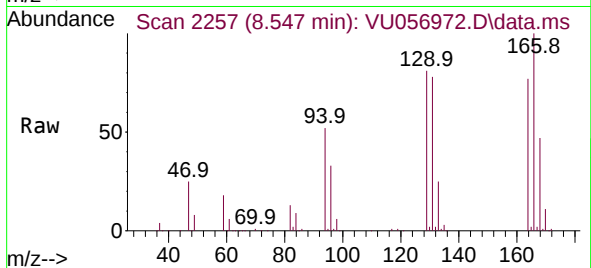
Lab File: VU056972.D

Acq: 17 Dec 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 247806

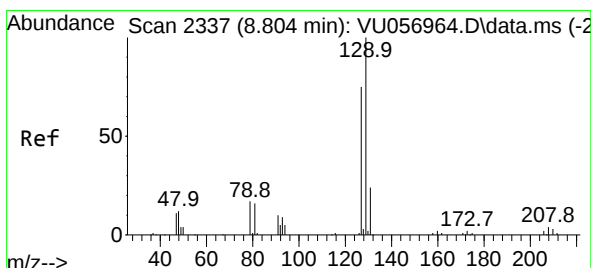
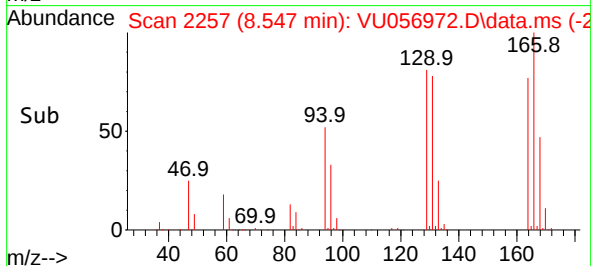
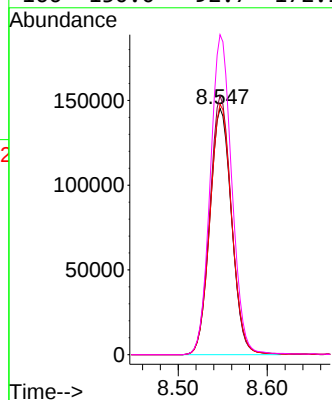
Ion Ratio Lower Upper

164 100

129 105.1 73.4 136.4

131 101.7 71.5 132.9

166 130.0 92.7 172.1



#49

Dibromochloromethane

Concen: 13.862 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU056972.D

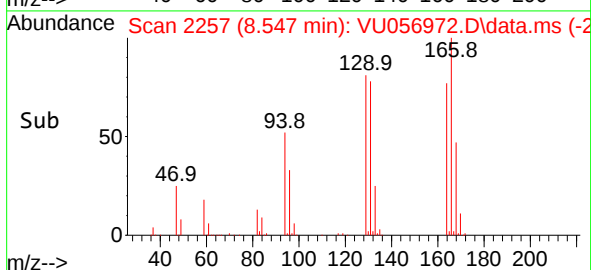
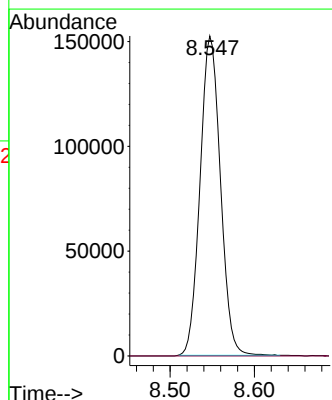
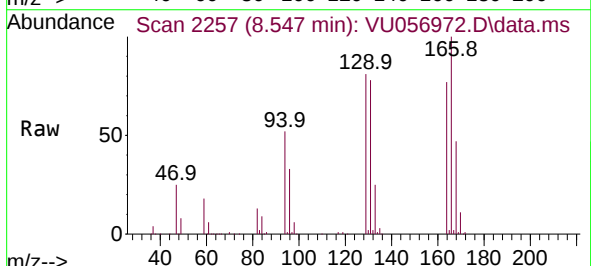
Acq: 17 Dec 2023 16:52

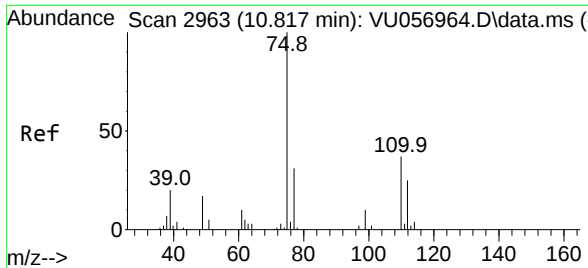
Tgt Ion:129 Resp: 256197

Ion Ratio Lower Upper

129 100

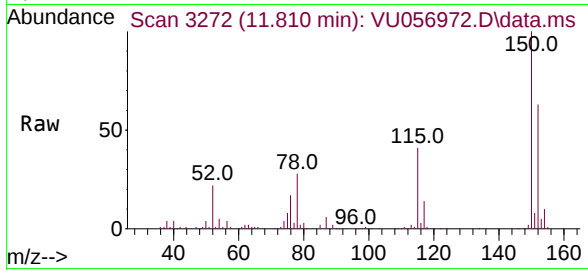
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.169 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU056972.D
 Acq: 17 Dec 2023 16:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14015

Ion	Ratio	Lower	Upper
75	100		
110	3.2	28.4	42.6#
77	35.2	26.3	39.5

