

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056971.D
 Acq On : 17 Dec 2023 16:27
 Operator : MD/SY
 Sample : 05842-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:18:14 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

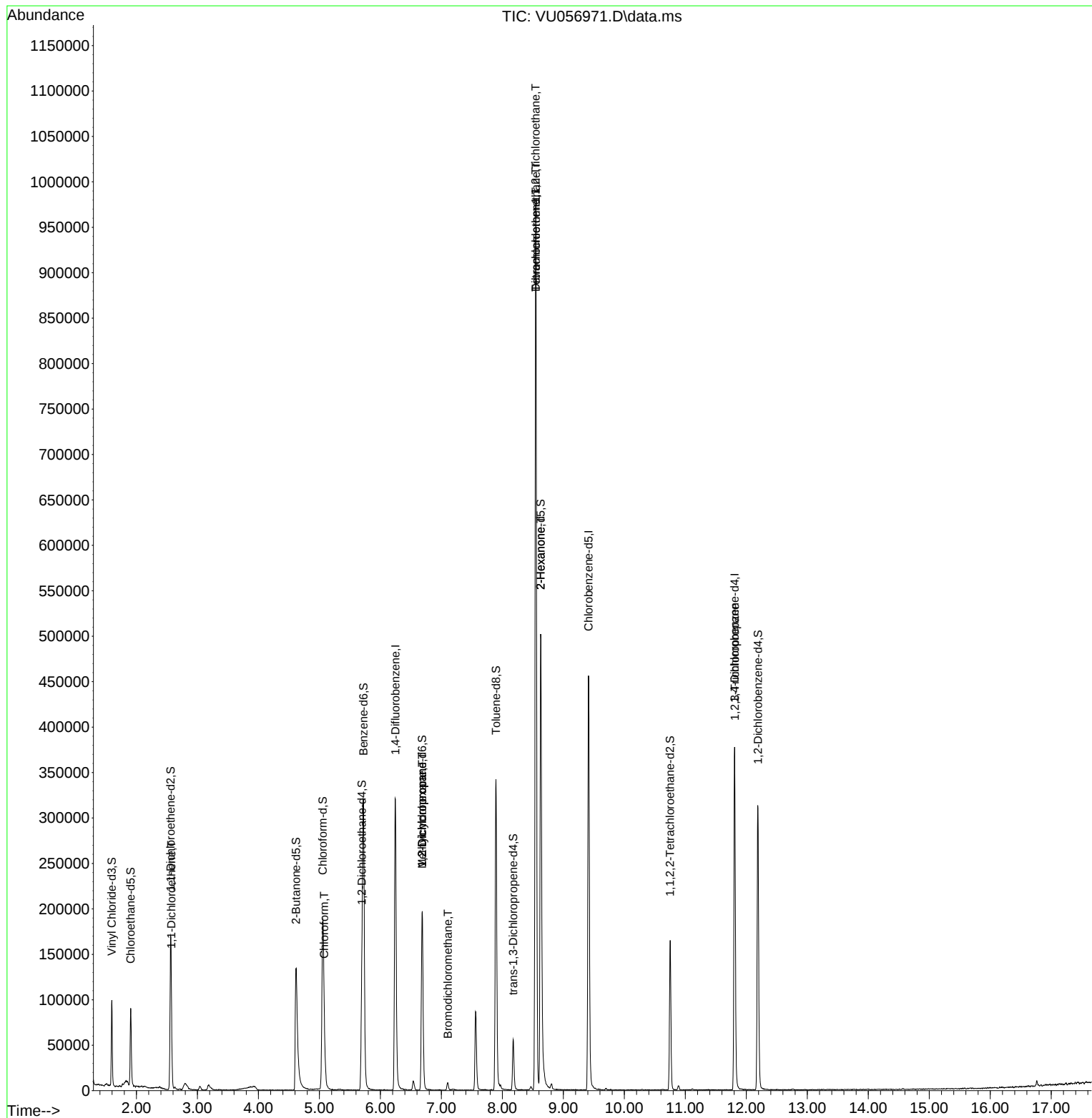
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263822	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66483	2.940	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.800%	
7) Chloroethane-d5	1.904	69	65443	3.867	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.560	65	30614	3.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	4.615	46	217030	48.597	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.200%	
24) Chloroform-d	5.055	84	175113	4.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
26) 1,2-Dichloroethane-d4	5.695	65	86400	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.721	84	307788	3.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
36) 1,2-Dichloropropane-d6	6.685	67	99084	3.810	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.200%	
41) Toluene-d8	7.894	98	231931	3.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	32349	3.207	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.200%	
46) 2-Hexanone-d5	8.627	63	165910	43.615	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.240%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83386	4.431	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85360	4.263	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	7796	0.364	ug/L #	1
25) Chloroform	5.078	83	34568	0.790	ug/L	96
35) Methylcyclohexane	6.682	83	23281	0.611	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10632	0.441	ug/L #	91
38) Bromodichloromethane	7.107	83	5650	0.184	ug/L	98
45) 1,1,2-Trichloroethane	8.544	97	1988	0.122	ug/L #	22
47) Tetrachloroethene	8.547	164	209423	11.587	ug/L	98
48) 2-Hexanone	8.627	43	22551	2.769	ug/L #	78
49) Dibromochloromethane	8.547	129	217833	11.639	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	12568	1.149	ug/L #	70

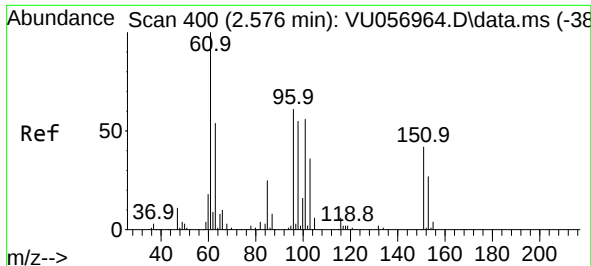
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.364 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

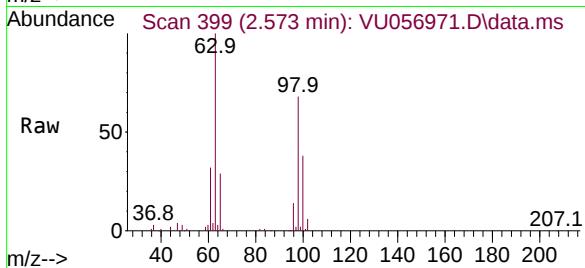
Lab File: VU056971.D

Acq: 17 Dec 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :



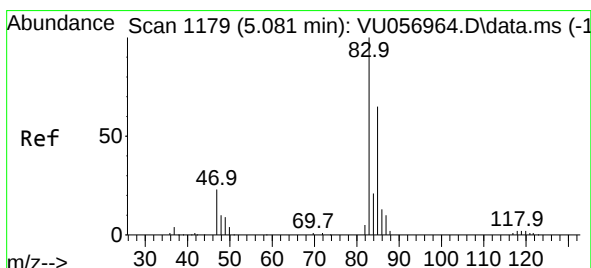
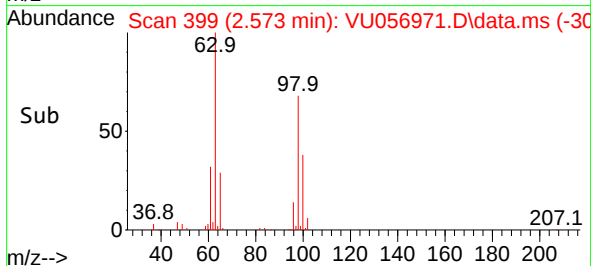
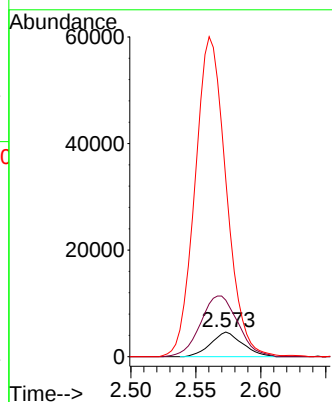
Tgt Ion: 96 Resp: 7796

Ion Ratio Lower Upper

96 100

61 229.5 119.0 221.0#

63 719.5 88.7 164.7#



#25

Chloroform

Concen: 0.790 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU056971.D

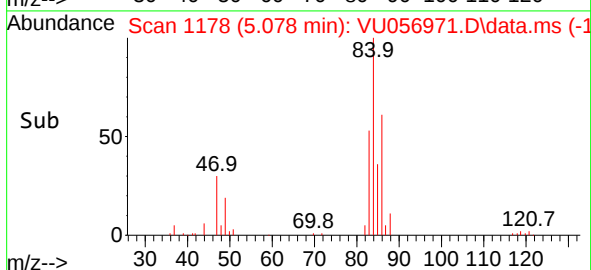
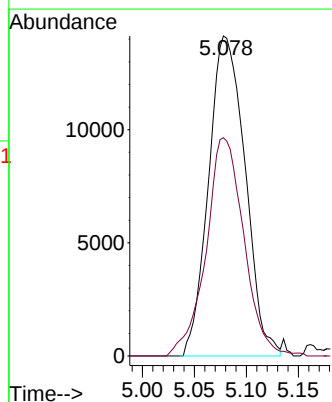
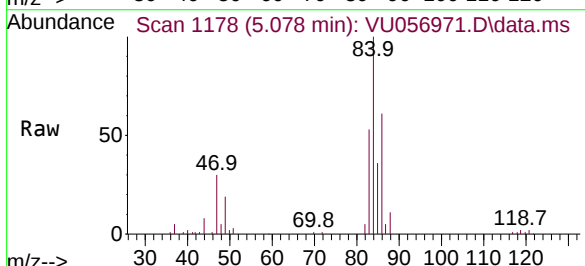
Acq: 17 Dec 2023 16:27

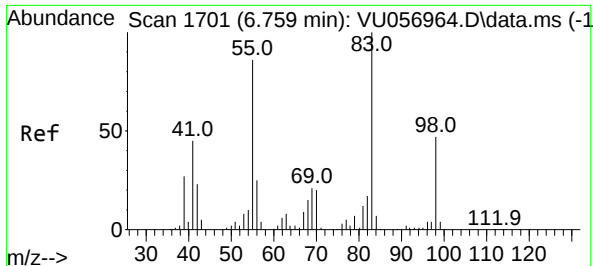
Tgt Ion: 83 Resp: 34568

Ion Ratio Lower Upper

83 100

85 68.2 45.8 85.0

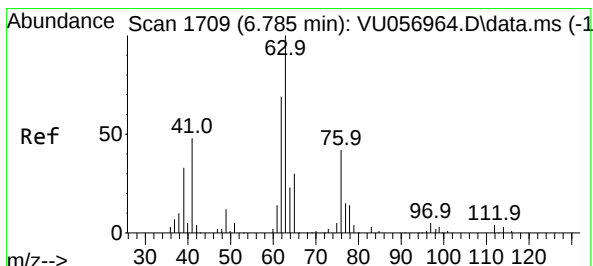
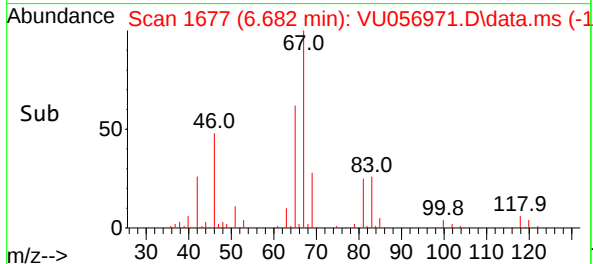
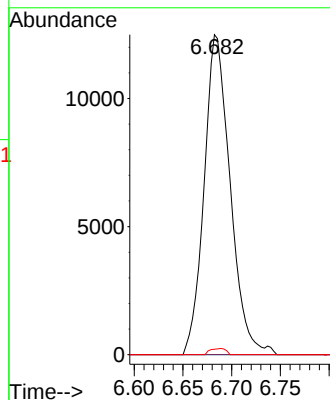
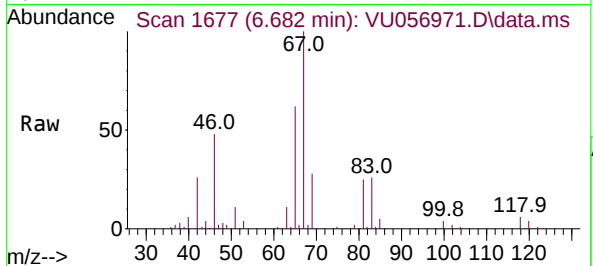




#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056971.D
Acq: 17 Dec 2023 16:27

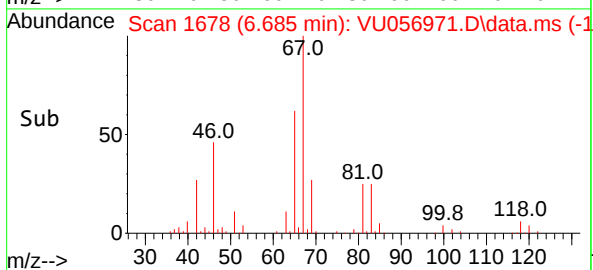
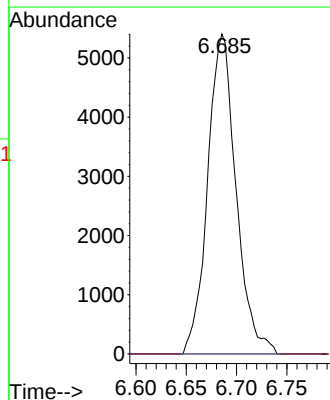
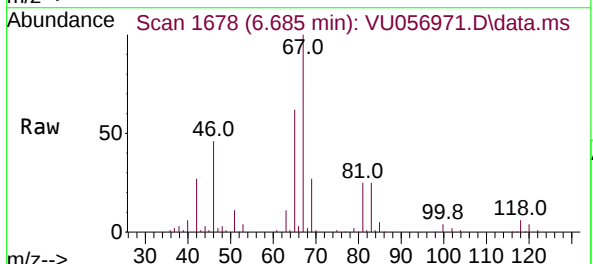
Instrument :
MSVOA_U
ClientSampleId :

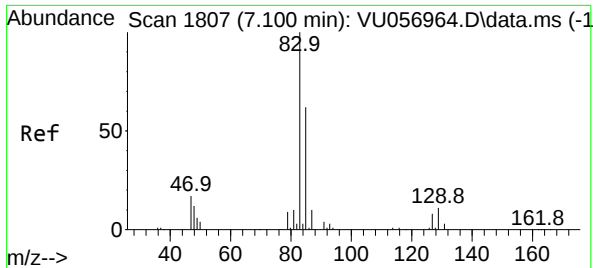
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.2	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056971.D
Acq: 17 Dec 2023 16:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.3	4.9#

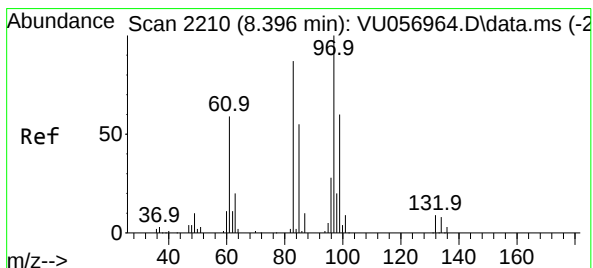
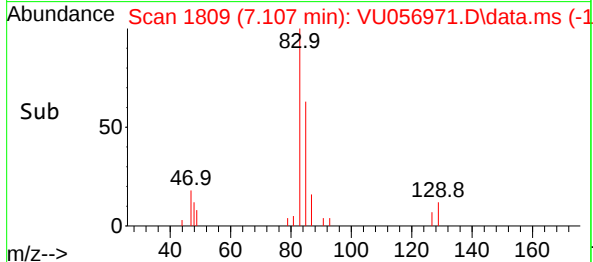
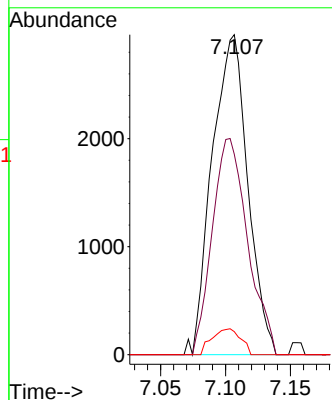
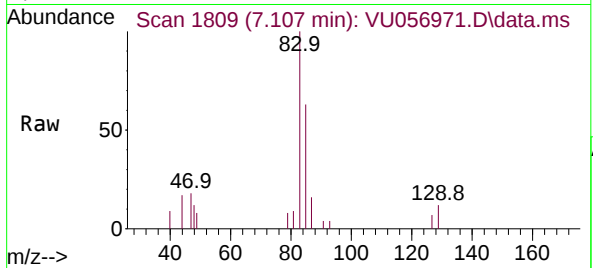




#38
Bromodichloromethane
Concen: 0.184 ug/L
RT: 7.107 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU056971.D
Acq: 17 Dec 2023 16:27

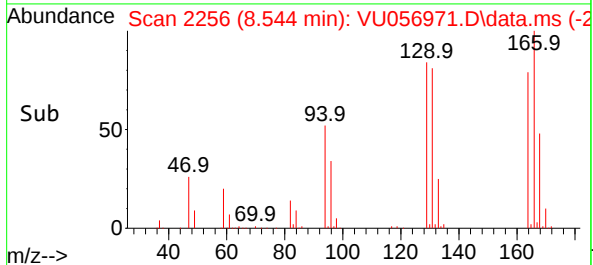
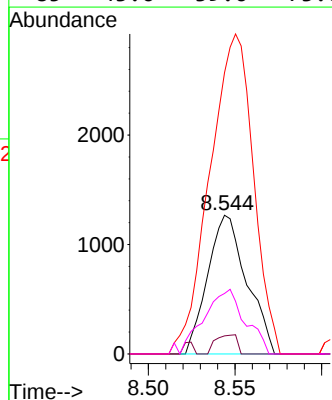
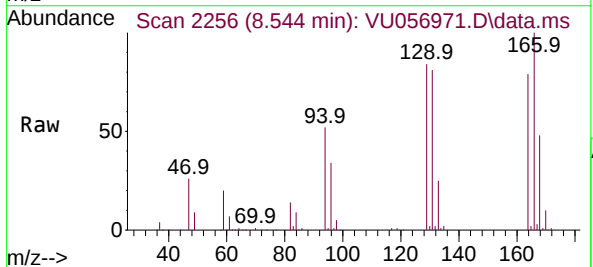
Instrument :
MSVOA_U
ClientSampleId :

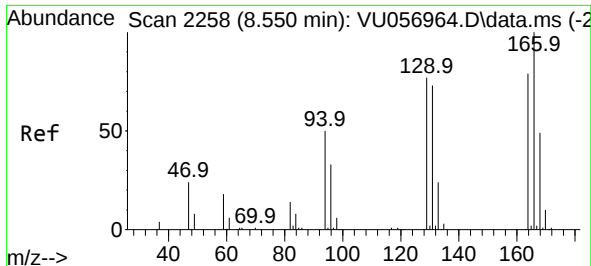
Tgt Ion: 83 Resp: 5650
Ion Ratio Lower Upper
83 100
85 62.6 45.0 83.6
127 7.2 7.0 10.4



#45
1,1,2-Trichloroethane
Concen: 0.122 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.148 min
Lab File: VU056971.D
Acq: 17 Dec 2023 16:27

Tgt Ion: 97 Resp: 1988
Ion Ratio Lower Upper
97 100
99 13.0 41.9 77.9#
83 202.7 59.1 109.7#
85 43.6 39.6 73.6





#47

Tetrachloroethene

Concen: 11.587 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

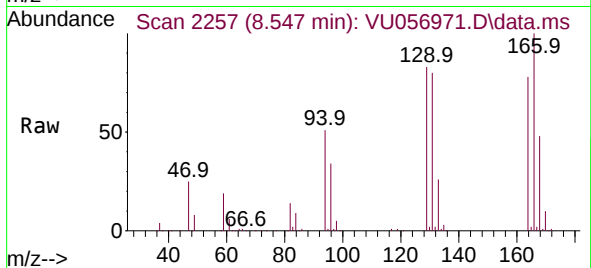
Lab File: VU056971.D

Acq: 17 Dec 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 209423

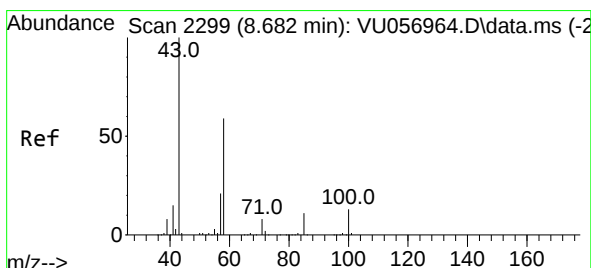
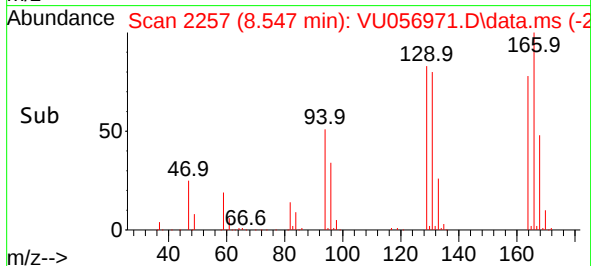
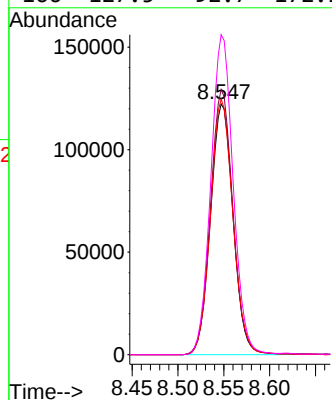
Ion Ratio Lower Upper

164 100

129 105.6 73.4 136.4

131 101.9 71.5 132.9

166 127.5 92.7 172.1



#48

2-Hexanone

Concen: 2.769 ug/L

RT: 8.627 min Scan# 2282

Delta R.T. -0.055 min

Lab File: VU056971.D

Acq: 17 Dec 2023 16:27

Tgt Ion: 43 Resp: 22551

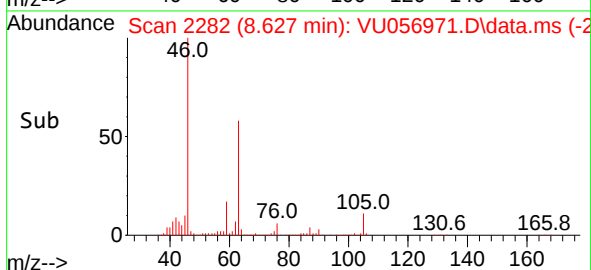
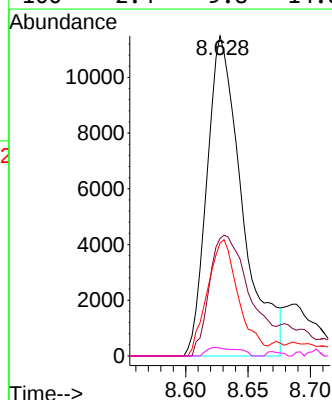
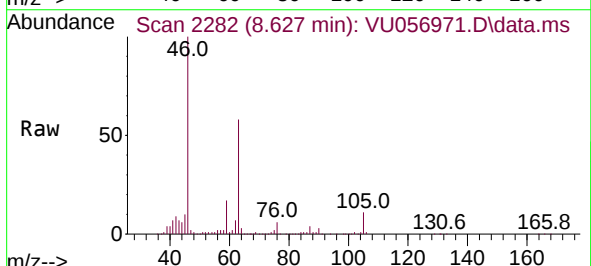
Ion Ratio Lower Upper

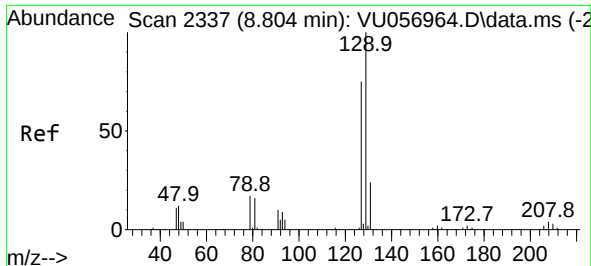
43 100

58 43.7 47.5 71.3#

57 32.7 17.0 25.4#

100 2.4 9.8 14.8#





#49

Dibromochloromethane

Concen: 11.639 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056971.D

Acq: 17 Dec 2023 16:27

Instrument :

MSVOA_U

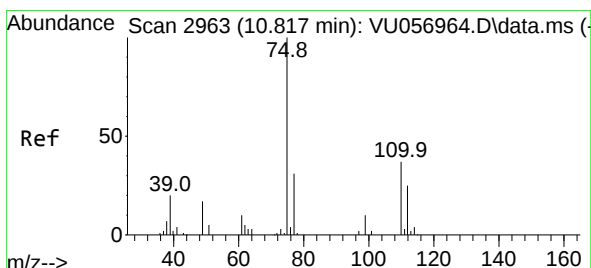
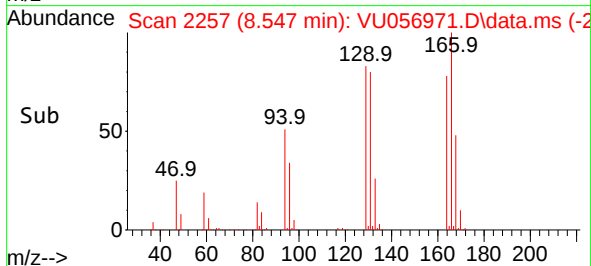
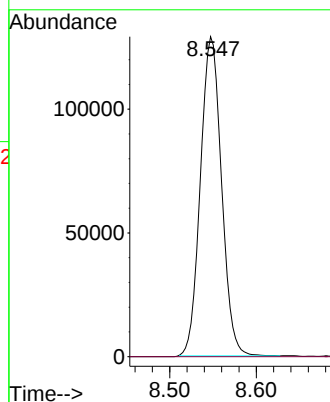
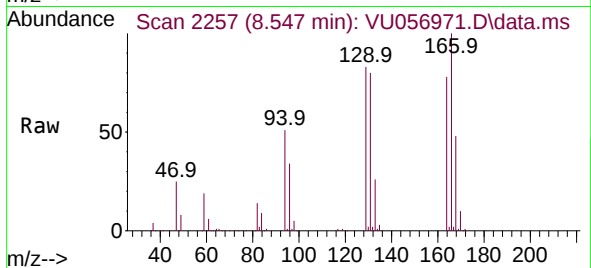
ClientSampleId :

Tgt Ion:129 Resp: 217833

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.149 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU056971.D

Acq: 17 Dec 2023 16:27

Tgt Ion: 75 Resp: 12568

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 33.2 26.3 39.5

