

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056968.D
 Acq On : 17 Dec 2023 15:14
 Operator : MD/SY
 Sample : 05842-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:17:33 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

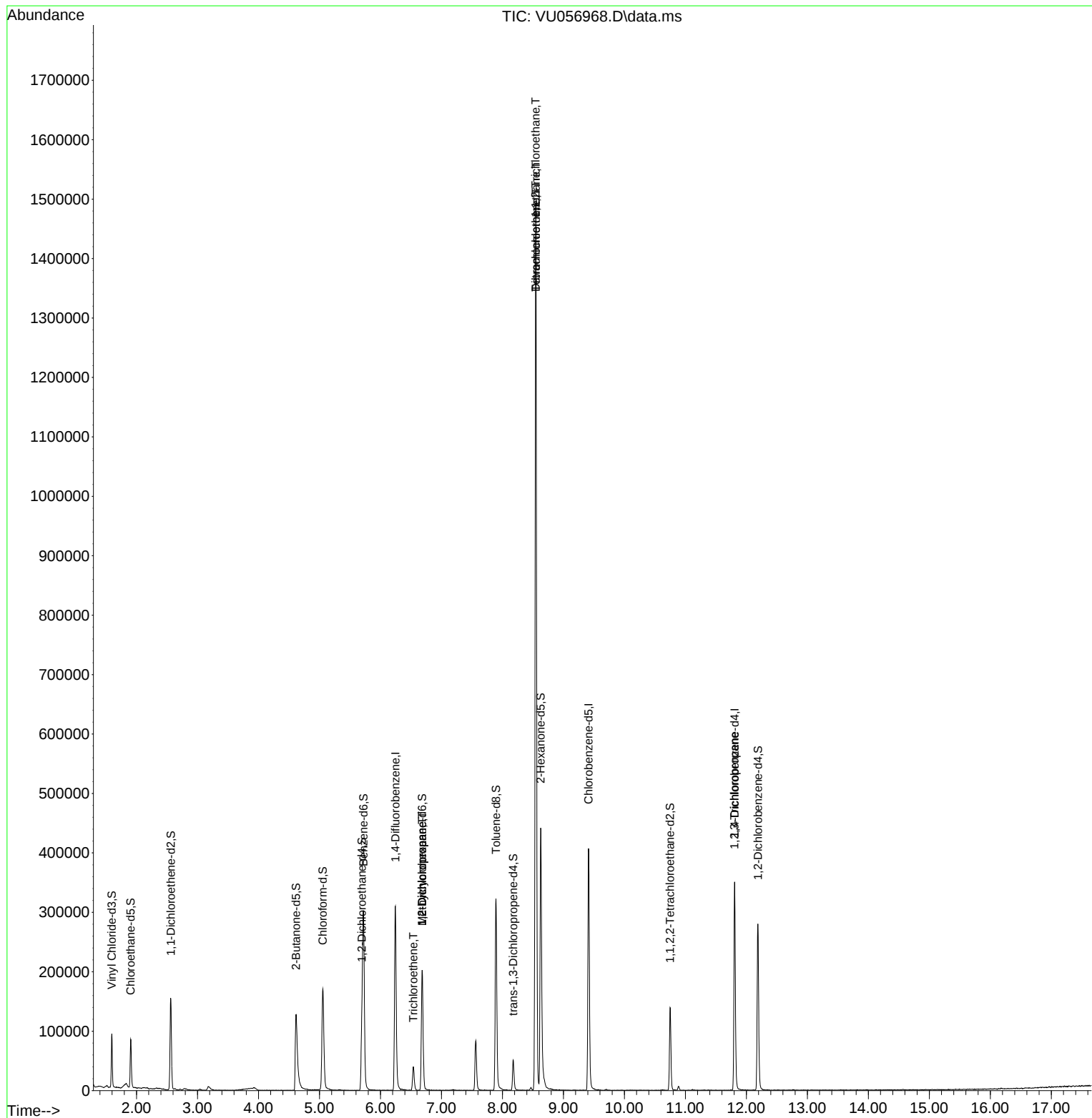
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63738	2.988	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.800%	
7) Chloroethane-d5	1.904	69	63059	3.950	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.563	65	29991	3.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.800%	
20) 2-Butanone-d5	4.618	46	195698	46.450	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.900%	
24) Chloroform-d	5.055	84	167609	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.695	65	82914	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	5.721	84	292101	4.019	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.682	67	98998	4.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.894	98	223391	3.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	30870	3.499	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5	8.627	63	142205	42.737	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.480%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72098	4.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	74704	4.145	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						
34) Trichloroethene	6.541	95	14725	0.652	ug/L	95
35) Methylcyclohexane	6.685	83	23403	0.702	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10620	0.504	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	2944	0.207	ug/L #	5
47) Tetrachloroethene	8.547	164	315163	19.934	ug/L	97
49) Dibromochloromethane	8.547	129	331155	20.228	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	12028	1.222	ug/L #	69

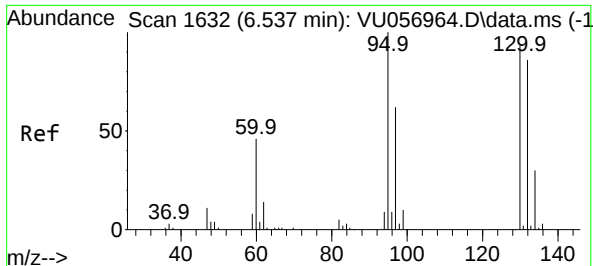
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.652 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056968.D

Acq: 17 Dec 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 14725

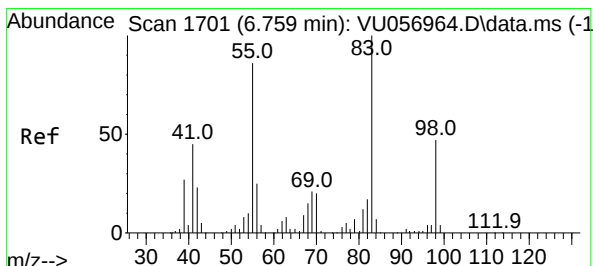
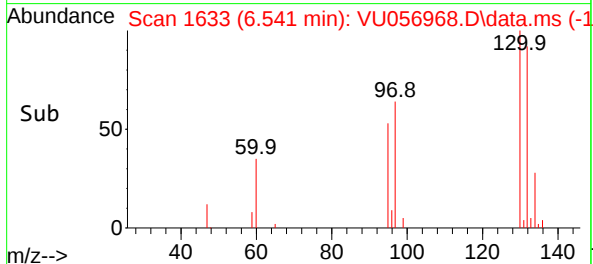
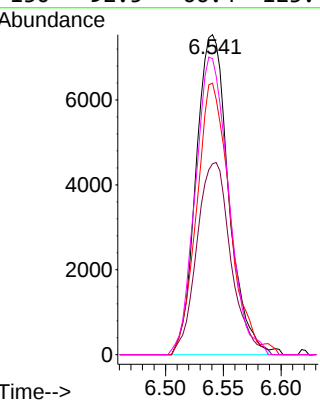
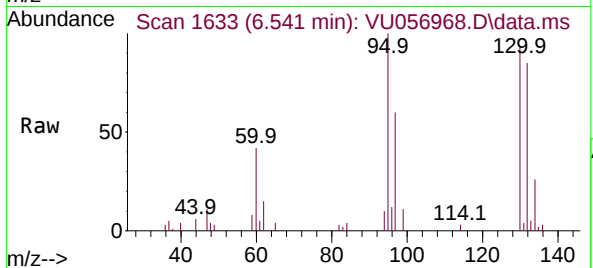
Ion Ratio Lower Upper

95 100

97 59.6 46.1 85.5

132 84.9 63.6 118.0

130 92.5 66.4 123.4



#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056968.D

Acq: 17 Dec 2023 15:14

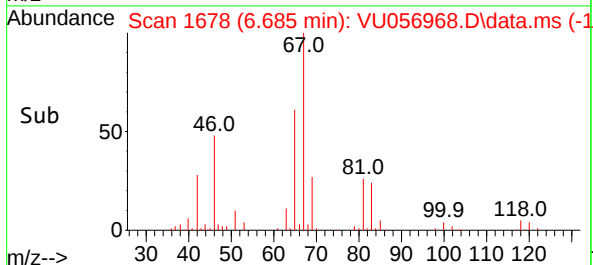
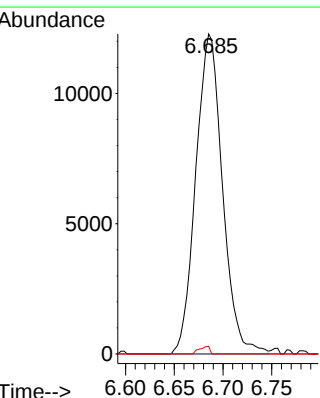
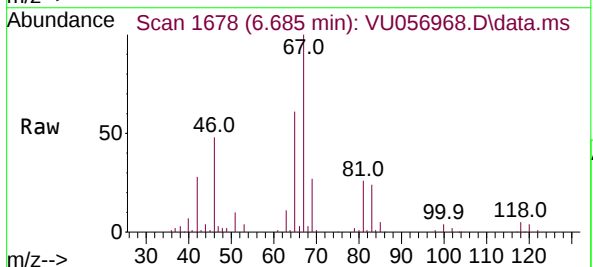
Tgt Ion: 83 Resp: 23403

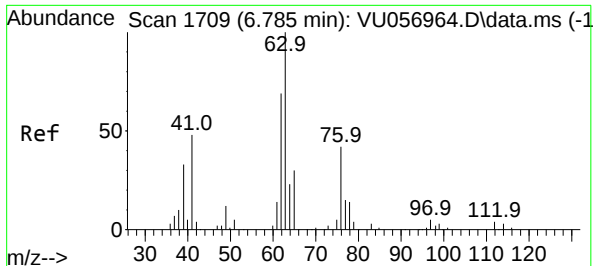
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.9 36.1 54.1#

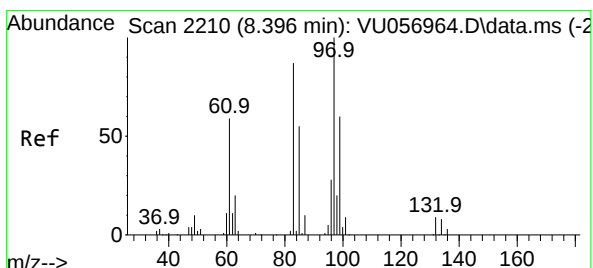
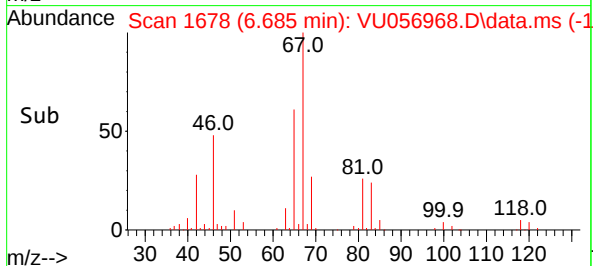
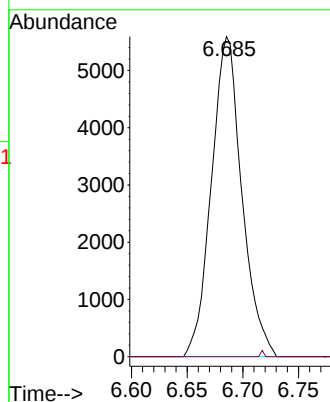
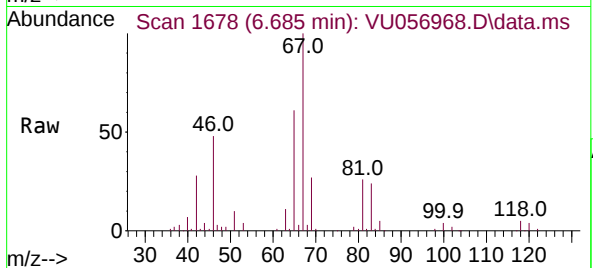




#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056968.D
Acq: 17 Dec 2023 15:14

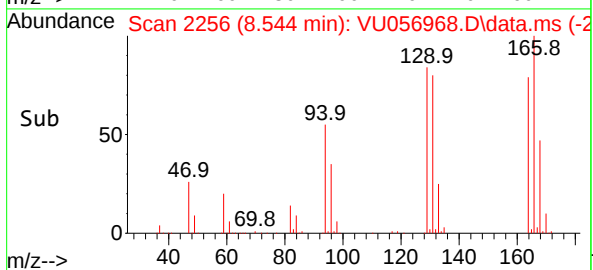
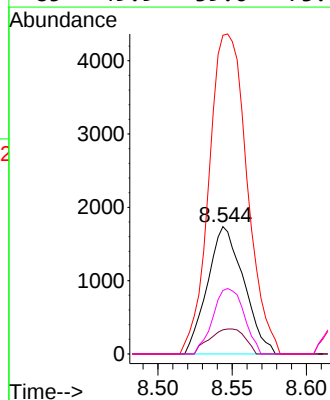
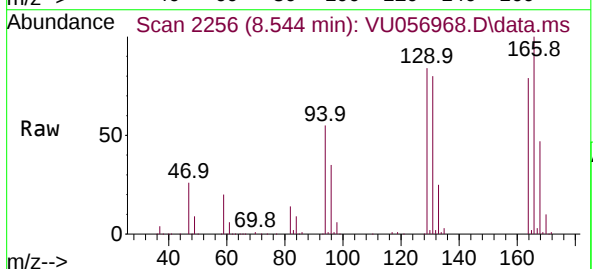
Instrument :
MSVOA_U
ClientSampleId :

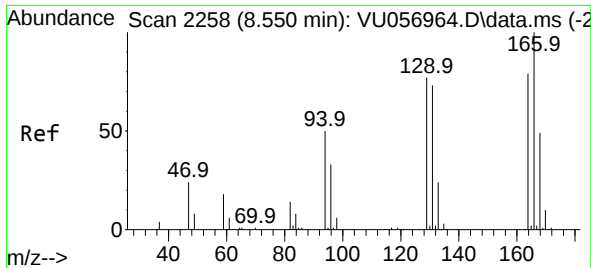
Tgt Ion: 63 Resp: 10620
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.207 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.148 min
Lab File: VU056968.D
Acq: 17 Dec 2023 15:14

Tgt Ion: 97 Resp: 2944
Ion Ratio Lower Upper
97 100
99 18.9 41.9 77.9#
83 250.3 59.1 109.7#
85 49.9 39.6 73.6





#47

Tetrachloroethene

Concen: 19.934 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056968.D

Acq: 17 Dec 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 315163

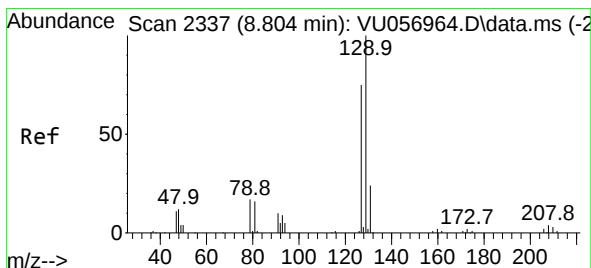
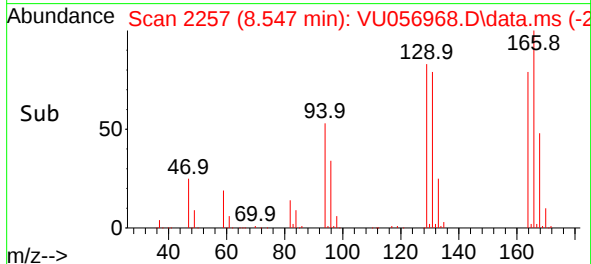
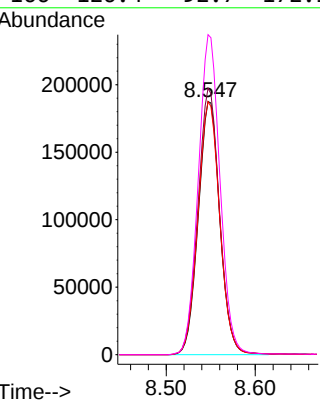
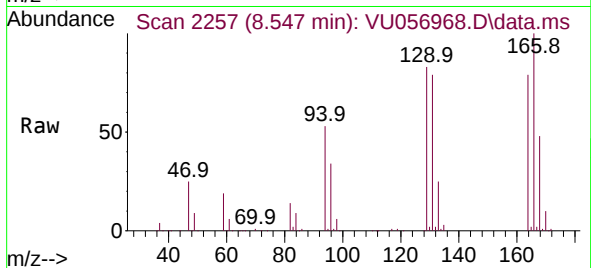
Ion Ratio Lower Upper

164 100

129 105.3 73.4 136.4

131 100.0 71.5 132.9

166 126.4 92.7 172.1



#49

Dibromochloromethane

Concen: 20.228 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU056968.D

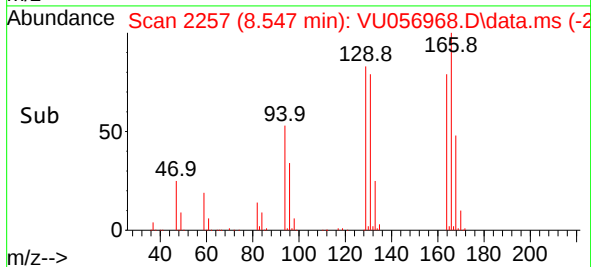
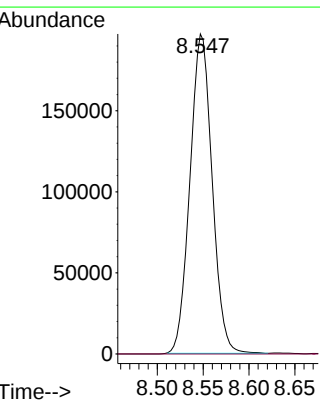
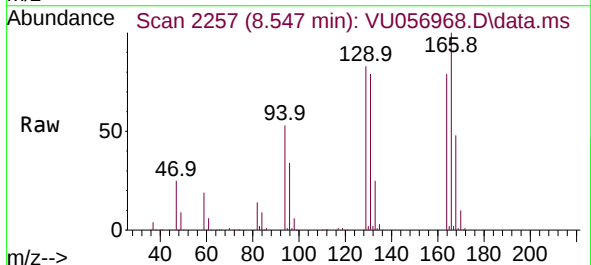
Acq: 17 Dec 2023 15:14

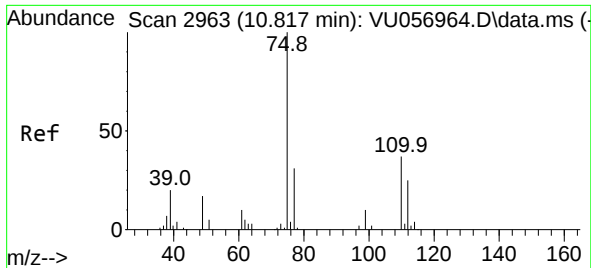
Tgt Ion:129 Resp: 331155

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.222 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

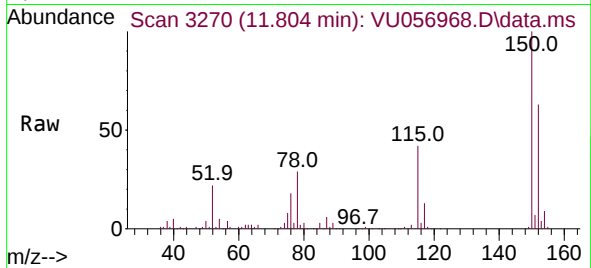
Lab File: VU056968.D

Acq: 17 Dec 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12028

Ion Ratio Lower Upper

75 100

110 1.9 28.4 42.6#

77 34.7 26.3 39.5

