

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058670.D
 Acq On : 12 Apr 2024 22:07
 Operator : MD/SY
 Sample : P2035-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:05:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

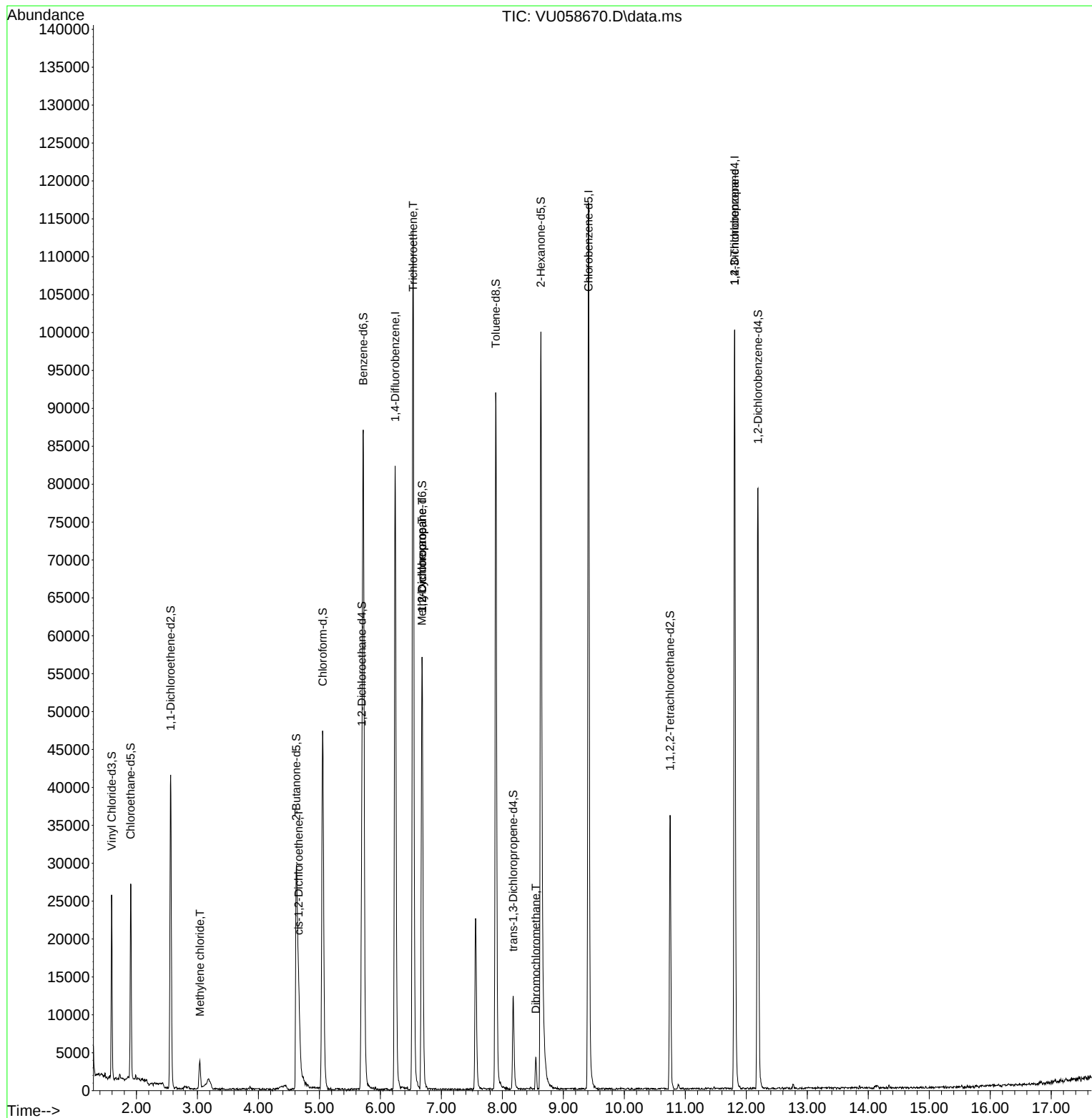
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	25784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	16198	3.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.904	69	17357	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.560	65	8121	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.621	46	51126	57.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.020%
24) Chloroform-d	5.052	84	44584	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.695	65	21472	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.718	84	77696	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	27141	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.891	98	61459	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	7657	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	34510	52.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18478	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	21216	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	1773	0.293	ug/L	83
22) cis-1,2-Dichloroethene	4.660	96	3462	0.646	ug/L	93
34) Trichloroethene	6.534	95	39255	7.024	ug/L	97
35) Methylcyclohexane	6.679	83	6022	0.715	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3040	0.521	ug/L #	90
49) Dibromochloromethane	8.550	129	846	0.215	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	3568	1.356	ug/L #	70

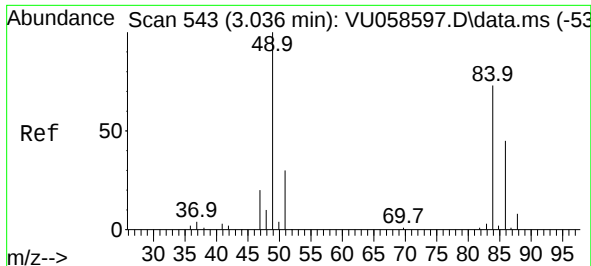
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.293 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.007 min

Lab File: VU058670.D

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Instrument :

MSVOA_U

ClientSampleId :

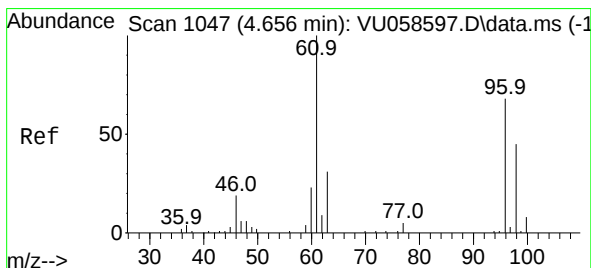
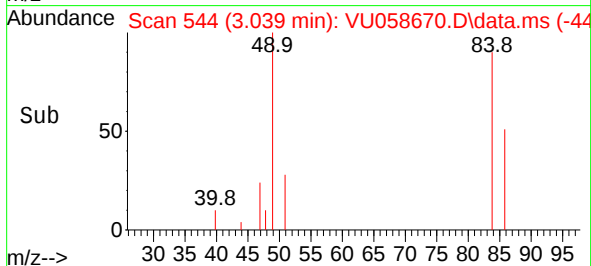
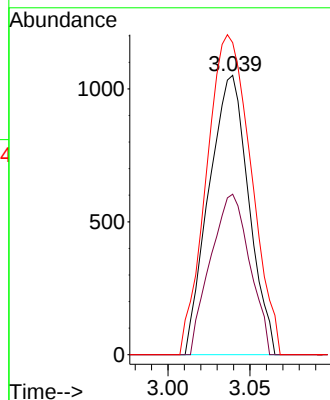
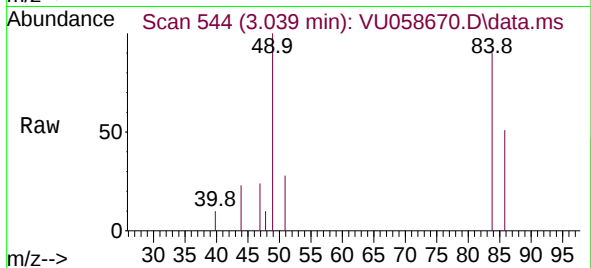
Tgt Ion: 84 Resp: 1773

Ion Ratio Lower Upper

84 100

86 57.5 44.3 82.3

49 111.7 96.0 178.2



#22

cis-1,2-Dichloroethene

Concen: 0.646 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.004 min

Lab File: VU058670.D

Acq: 12 Apr 2024 22:07

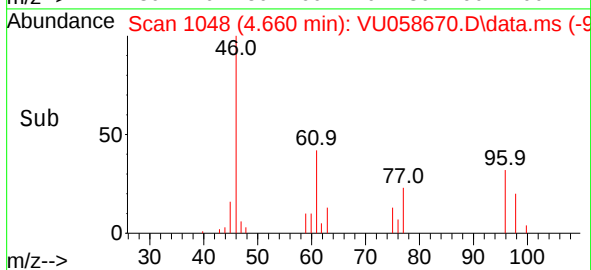
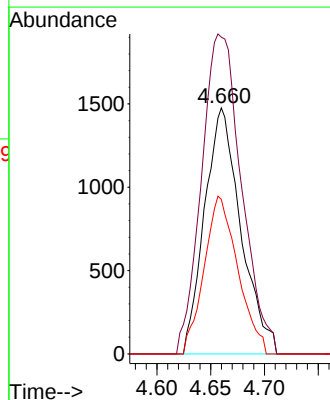
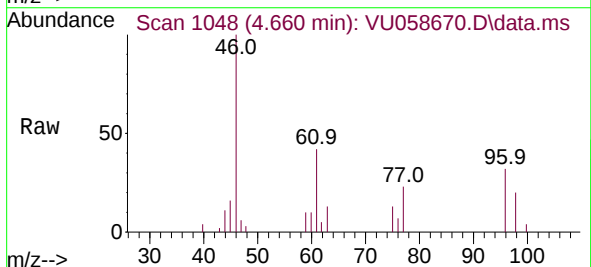
Tgt Ion: 96 Resp: 3462

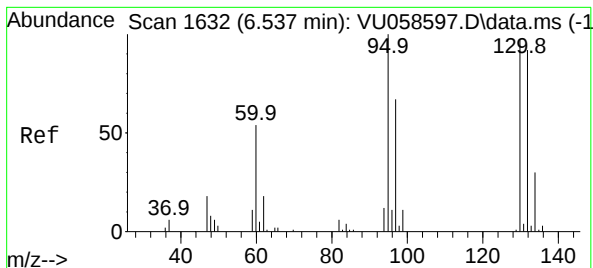
Ion Ratio Lower Upper

96 100

61 128.8 98.1 182.3

98 62.8 43.6 81.0





#34

Trichloroethene

Concen: 7.024 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058670.D

Acq: 12 Apr 2024 22:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 39255

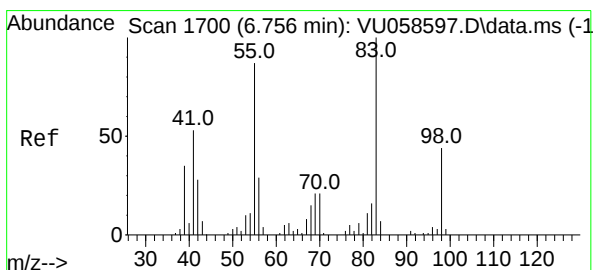
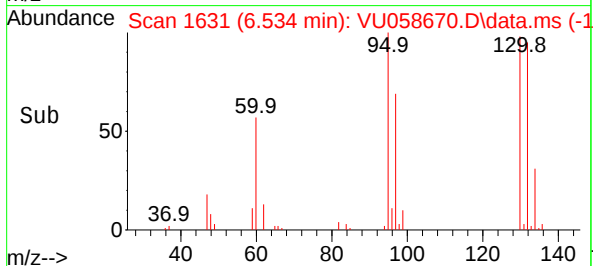
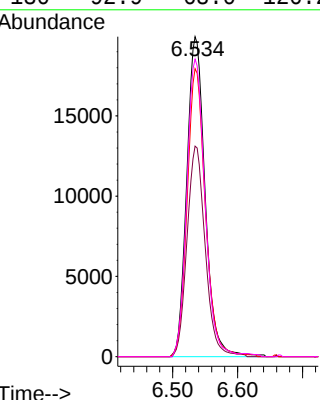
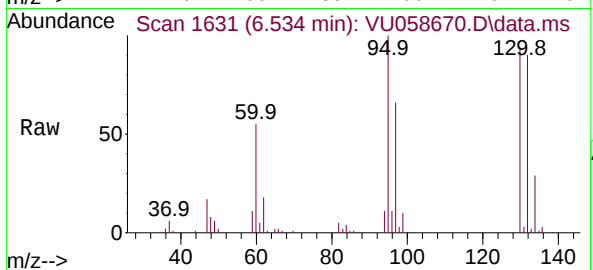
Ion Ratio Lower Upper

95 100

97 65.8 45.6 84.6

132 90.0 64.8 120.3

130 92.9 68.0 126.2



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058670.D

Acq: 12 Apr 2024 22:07

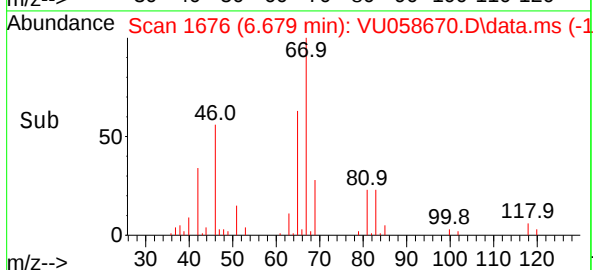
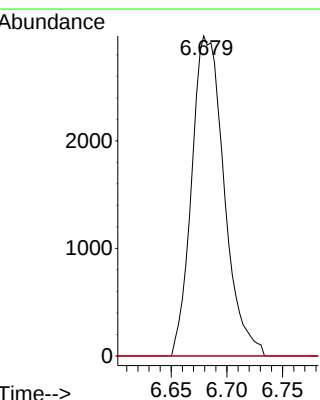
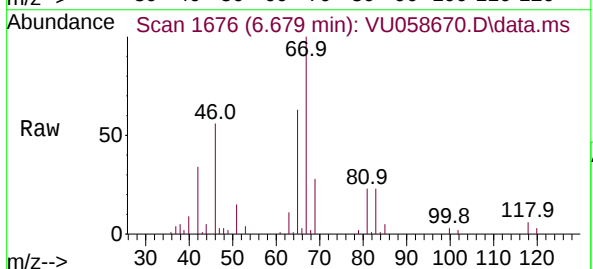
Tgt Ion: 83 Resp: 6022

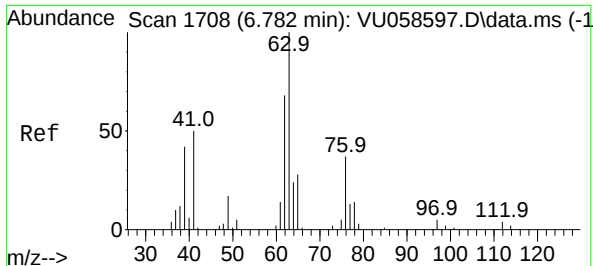
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

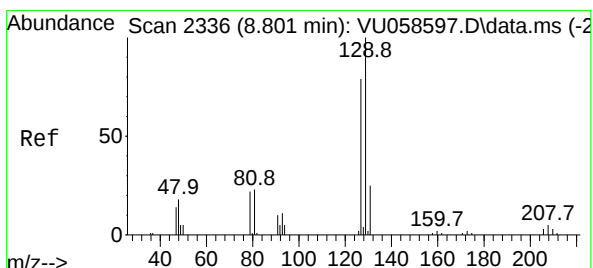
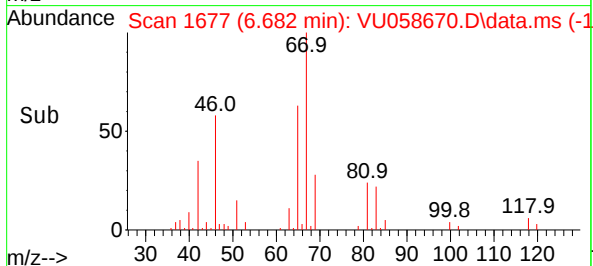
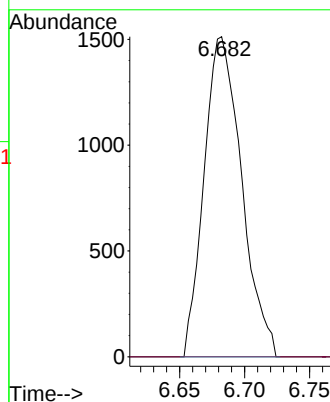
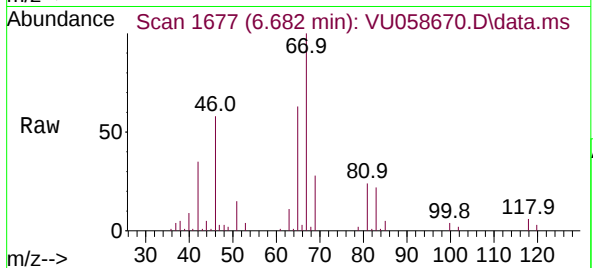




#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058670.D
Acq: 12 Apr 2024 22:07

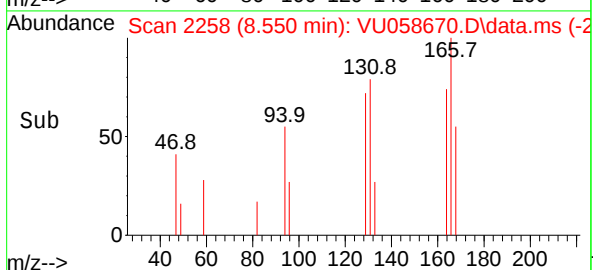
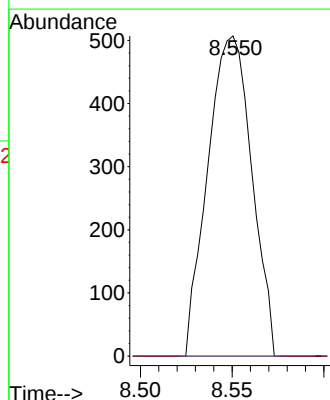
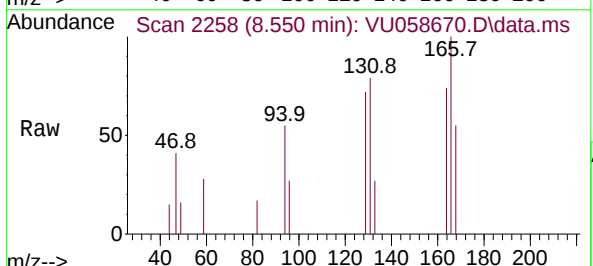
Instrument :
MSVOA_U
ClientSampleId :

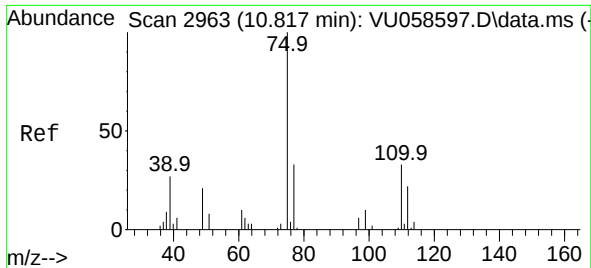
Tgt Ion: 63 Resp: 3040
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.215 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU058670.D
Acq: 12 Apr 2024 22:07

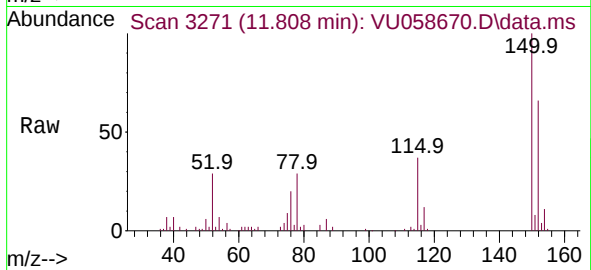
Tgt Ion:129 Resp: 846
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.356 ug/L
RT: 11.808 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU058670.D
Acq: 12 Apr 2024 22:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3568
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.0 25.1 37.7

