

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058317.D
 Acq On : 01 Apr 2024 16:40
 Operator : MD/SY
 Sample : P1912-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:28:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

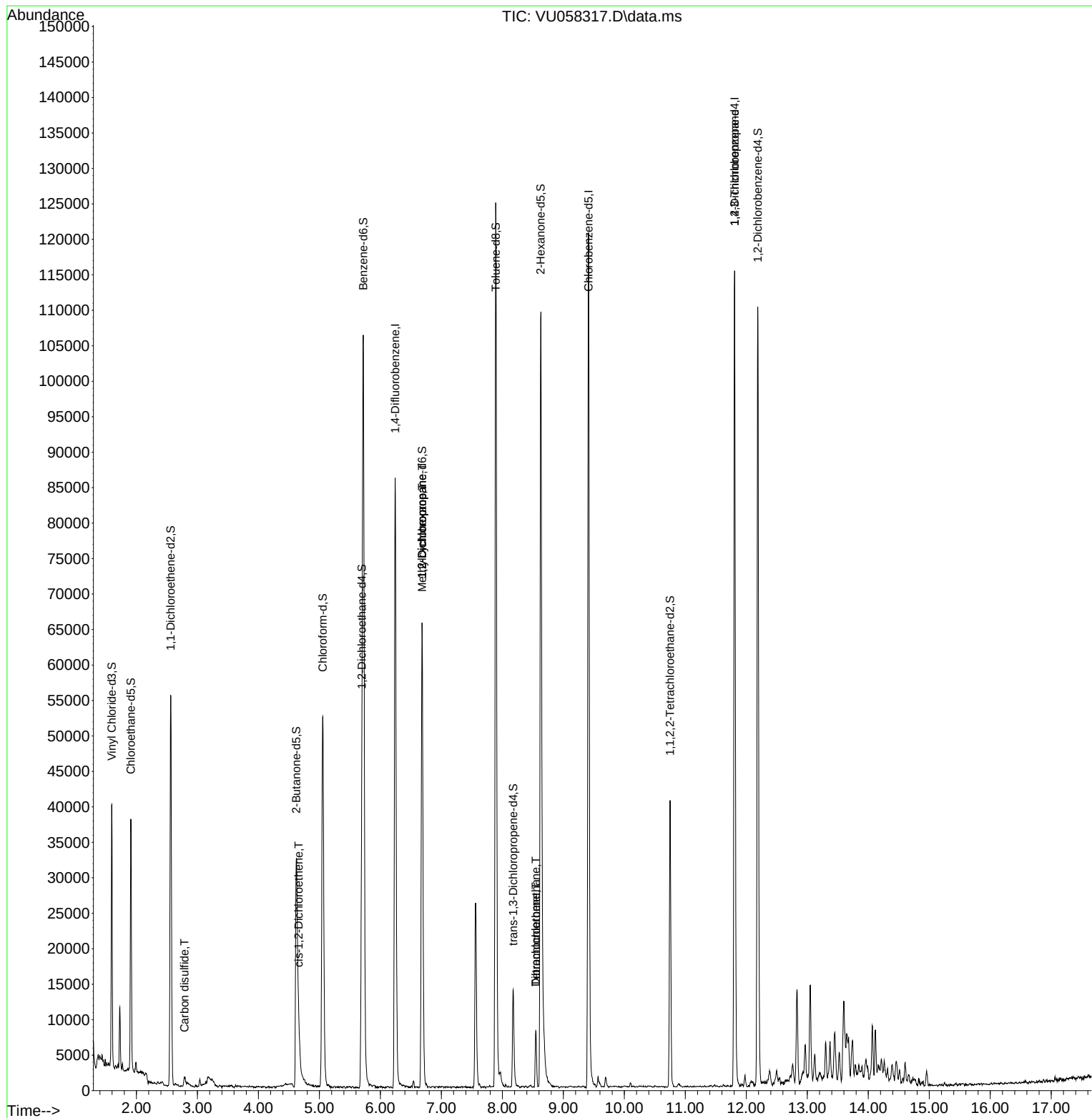
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25772	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.908	69	24303	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.560	65	10772	4.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.621	46	52141	49.944	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.880%
24) Chloroform-d	5.055	84	50533	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	24689	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.718	84	101458	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	32348	5.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	85754	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	9147	4.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	38603	46.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20998	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28274	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.788	76	1792	0.230	ug/L #	75
22) cis-1,2-Dichloroethene	4.660	96	1379	0.306	ug/L	90
35) Methylcyclohexane	6.685	83	7095	1.123	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3445	0.709	ug/L #	90
47) Tetrachloroethene	8.547	164	1694	0.558	ug/L	88
49) Dibromochloromethane	8.550	129	1656	0.494	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4120	1.604	ug/L #	67

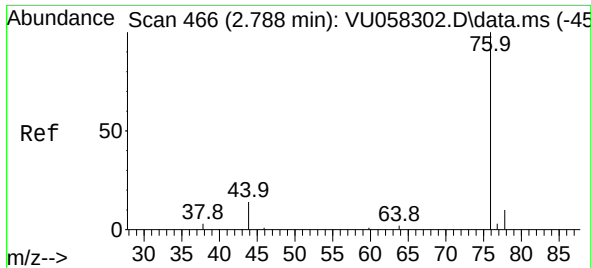
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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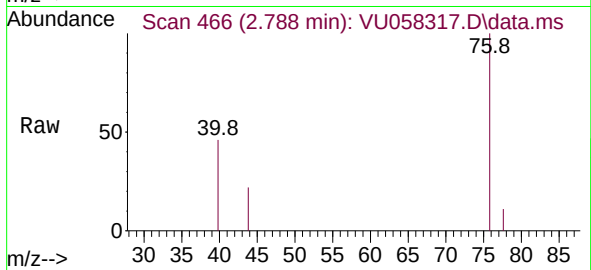
Quant Time: Apr 02 02:28:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
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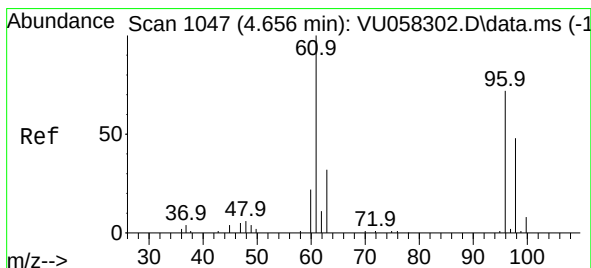
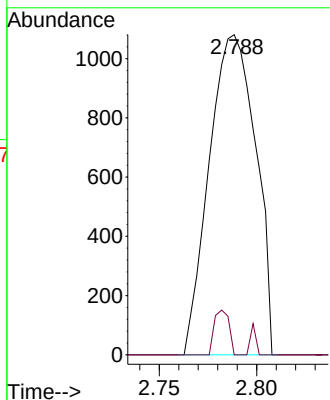
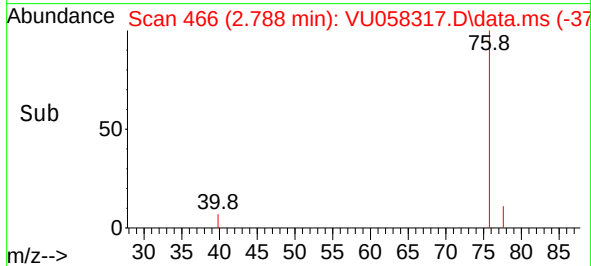


#14
Carbon disulfide
Concen: 0.230 ug/L
RT: 2.788 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU058317.D
Acq: 01 Apr 2024 16:40

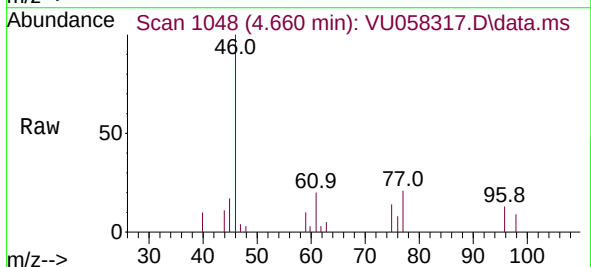
Instrument :
MSVOA_U
ClientSampleId :



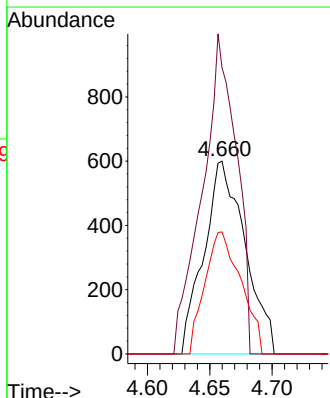
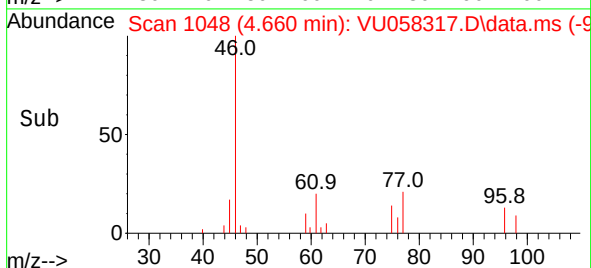
Tgt Ion: 76 Resp: 1792
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

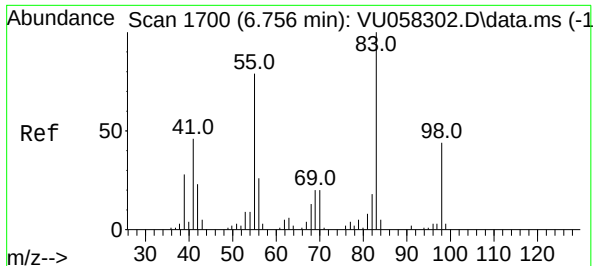


#22
cis-1,2-Dichloroethene
Concen: 0.306 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058317.D
Acq: 01 Apr 2024 16:40



Tgt Ion: 96 Resp: 1379
Ion Ratio Lower Upper
96 100
61 148.5 92.8 172.4
98 63.3 43.2 80.2





#35

Methylcyclohexane

Concen: 1.123 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058317.D

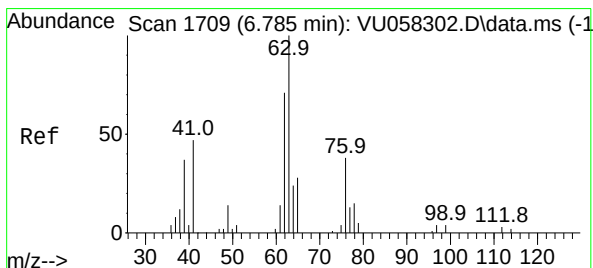
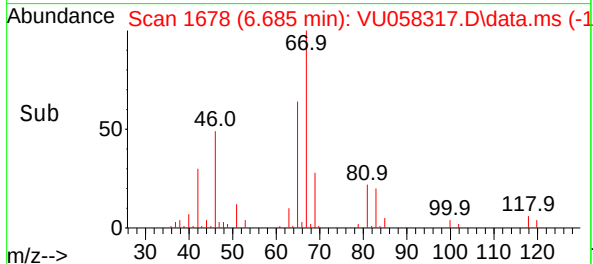
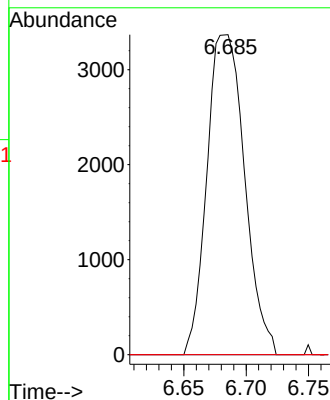
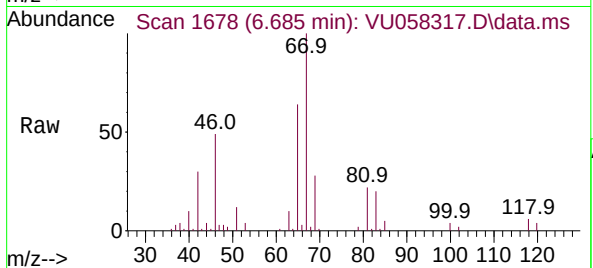
Acq: 01 Apr 2024 16:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	7095
Ion Ratio	Lower	Upper	
83	100		
55	0.0	62.7	94.1#
98	0.0	37.3	55.9#



#37

1,2-Dichloropropane

Concen: 0.709 ug/L

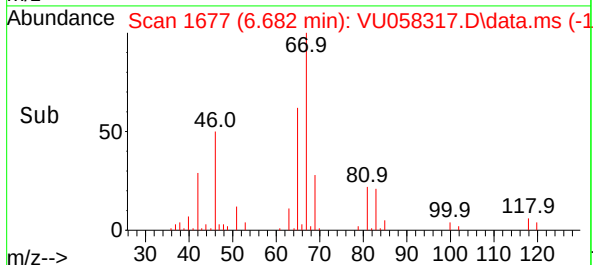
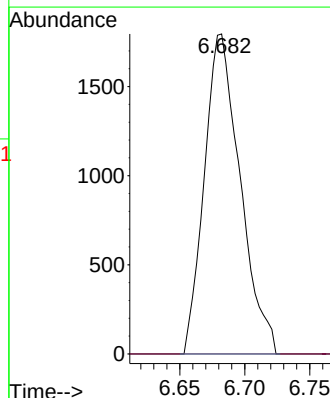
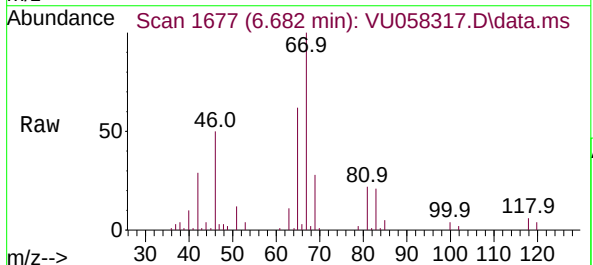
RT: 6.682 min Scan# 1677

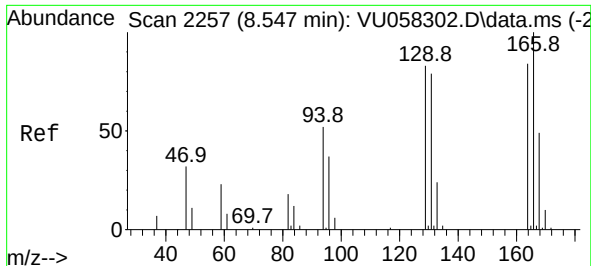
Delta R.T. -0.103 min

Lab File: VU058317.D

Acq: 01 Apr 2024 16:40

Tgt Ion:	63	Resp:	3445
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#





#47

Tetrachloroethene

Concen: 0.558 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

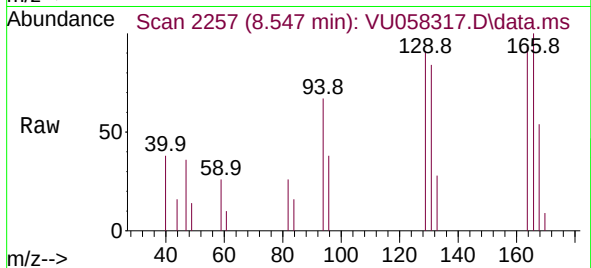
Lab File: VU058317.D

Acq: 01 Apr 2024 16:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1694

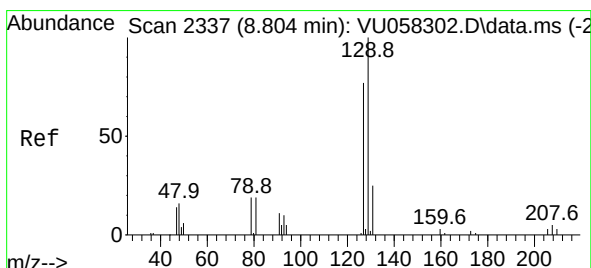
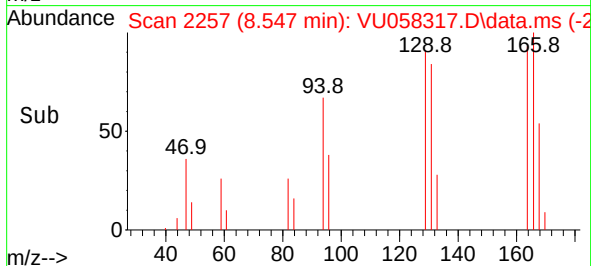
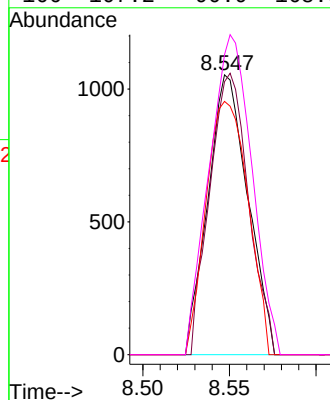
Ion Ratio Lower Upper

164 100

129 97.5 71.3 132.3

131 90.5 70.8 131.4

166 107.2 90.9 168.9



#49

Dibromochloromethane

Concen: 0.494 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU058317.D

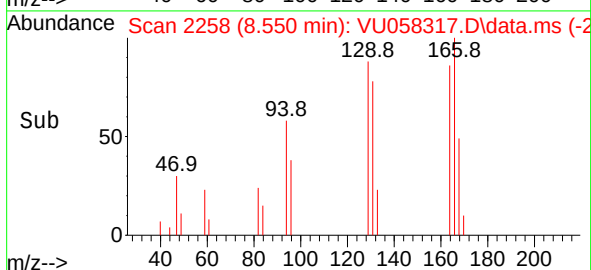
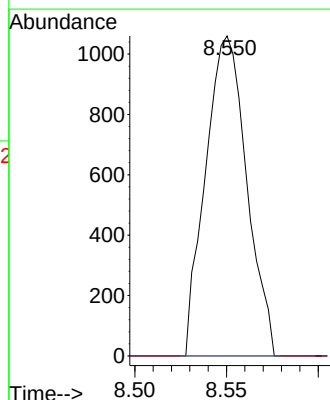
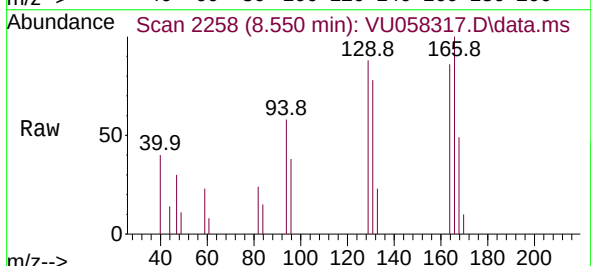
Acq: 01 Apr 2024 16:40

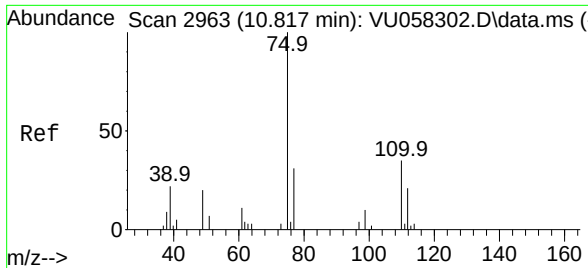
Tgt Ion:129 Resp: 1656

Ion Ratio Lower Upper

129 100

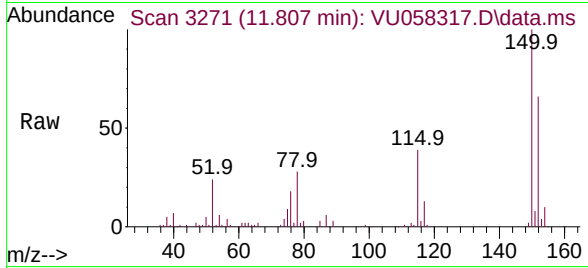
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.604 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU058317.D
 Acq: 01 Apr 2024 16:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.1	42.1#
77	30.6	25.1	37.7

