

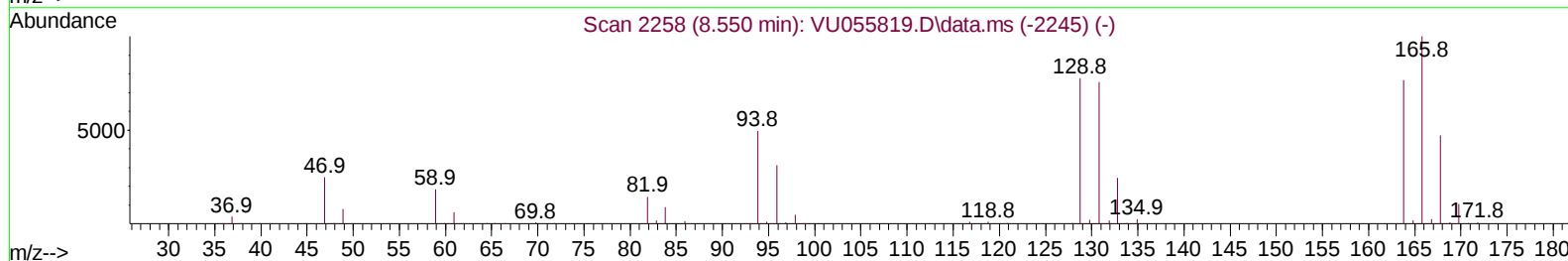
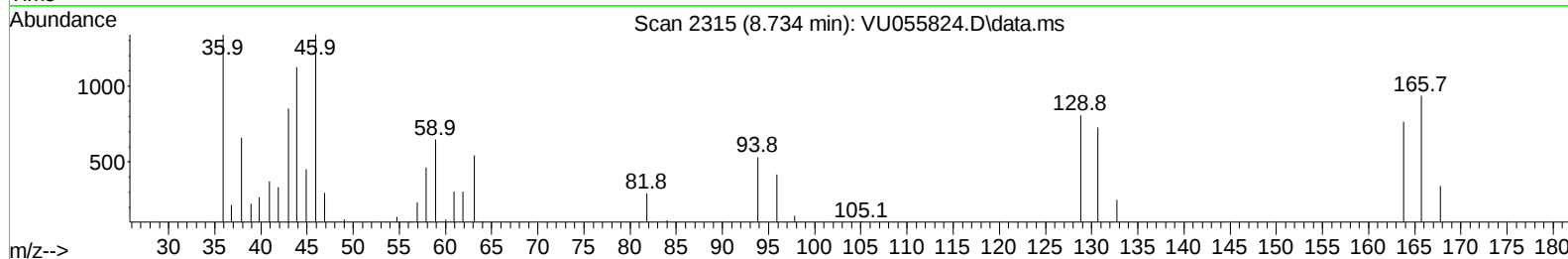
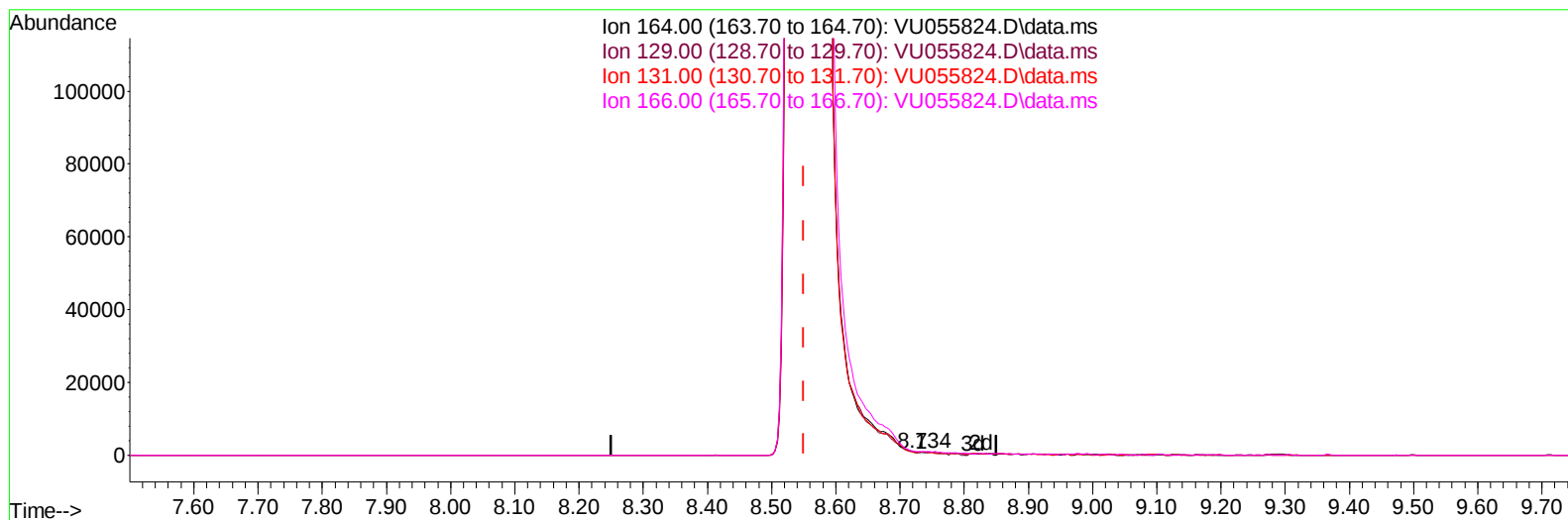
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
Data File : VU055824.D
Acq On : 20 Oct 2023 11:34
Operator : MD/SY
Sample : 04947-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45J2

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 23 01:05:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration



TIC: VU055824.D\data.ms

(46) Tetrachloroethene (T)

8.734min (+ 0.184) 0.03 ug/L

response 102

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	101.00	105.75
131.00	94.20	95.03
166.00	125.40	122.35

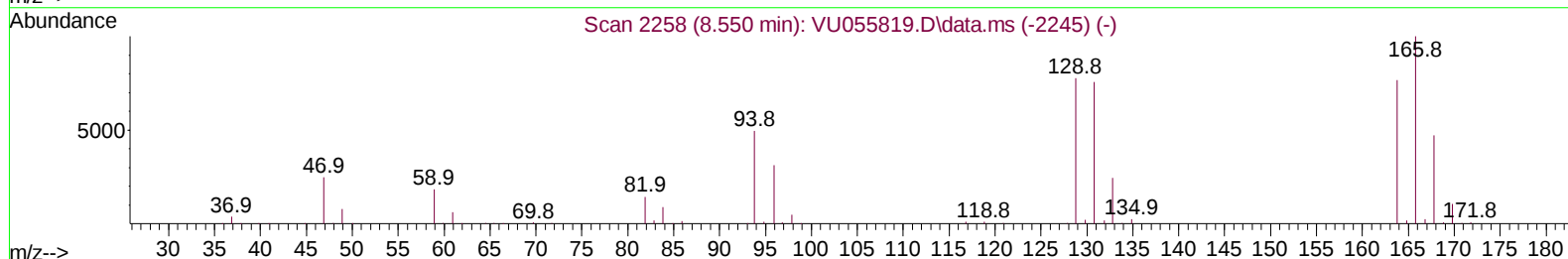
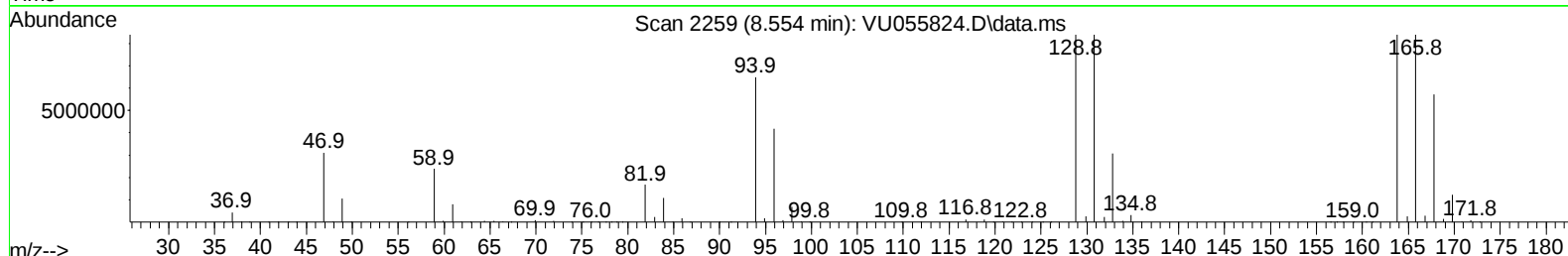
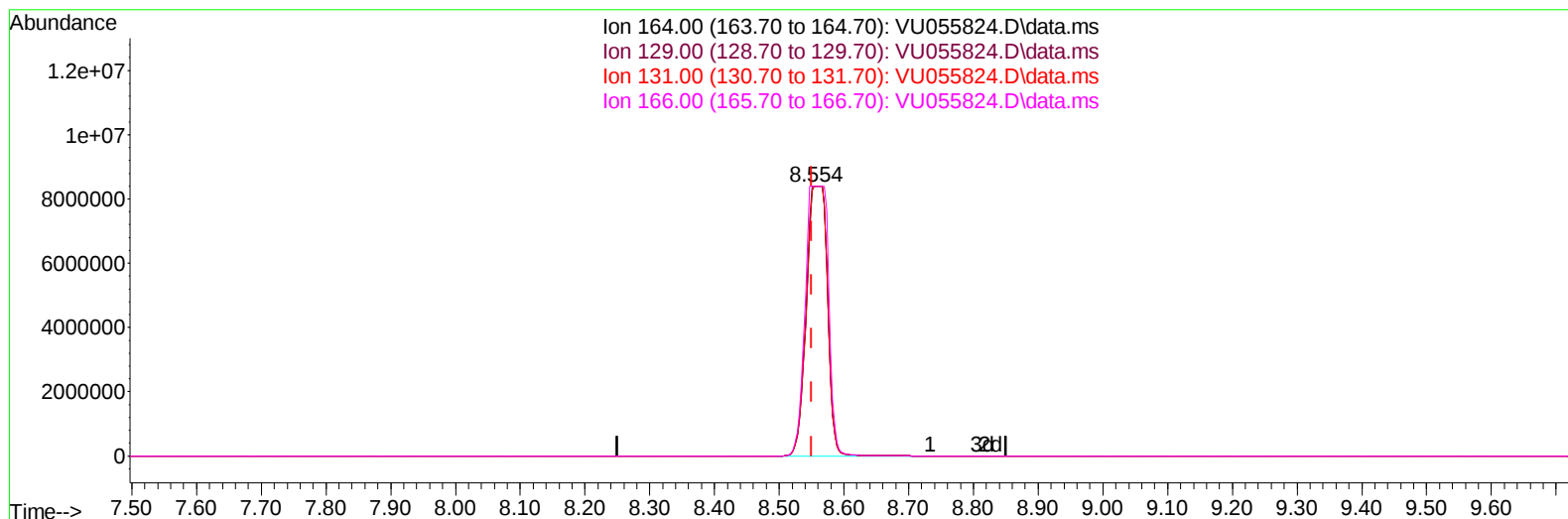
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TIC: VU055824.D\data.ms

(46) Tetrachloroethene (T)

8.554min (+ 0.003) 5966.80 ug/L m

response 18741165

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	101.00	100.00
131.00	94.20	100.00
166.00	125.40	100.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	6.245	114		491249	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117		507202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152		254292	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.599	65		181365	41.160	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135		Recovery	=	82.320%	
7) Chloroethane-d5	1.892	69		151460	42.051	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130		Recovery	=	84.100%	
11) 1,1-Dichloroethene-d2	2.560	63		256238	32.614	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	65.220%	
21) 2-Butanone-d5	4.615	46		257274	78.797	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130		Recovery	=	78.800%	
24) Chloroform-d	5.055	84		366392	43.374	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	86.740%	
26) 1,2-Dichloroethane-d4	5.695	65		239524	46.067	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	92.140%	
32) Benzene-d6	5.721	84		729801	44.971	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	89.940%	
36) 1,2-Dichloropropane-d6	6.686	67		231500	45.061	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120		Recovery	=	90.120%	
41) Toluene-d8	7.895	98		644016	43.950	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	87.900%	
43) trans-1,3-Dichloroprop...	8.177	79		106260	43.057	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	86.120%	
47) 2-Hexanone-d5	8.631	63		142147	70.381	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130		Recovery	=	70.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84		372697	47.130	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120		Recovery	=	94.260%	
66) 1,2-Dichlorobenzene-d4	12.190	152		260789	51.679	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	103.360%	
Target Compounds							
5) Vinyl chloride	1.602	62		532647	125.053	ug/L	97
12) 1,1-Dichloroethene	2.573	96		8394	2.410	ug/L #	1
17) trans-1,2-Dichloroethene	3.345	96		132805	37.292	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96		10610159	2610.486	ug/L	98
34) Trichloroethene	6.538	95		13239112	3017.857	ug/L	98
46) Tetrachloroethene	8.554	164		18741165m	5966.799	ug/L	
51) Chlorobenzene	9.448	112		9987	0.912	ug/L #	82

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

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