Quantitation Report (Qedit)

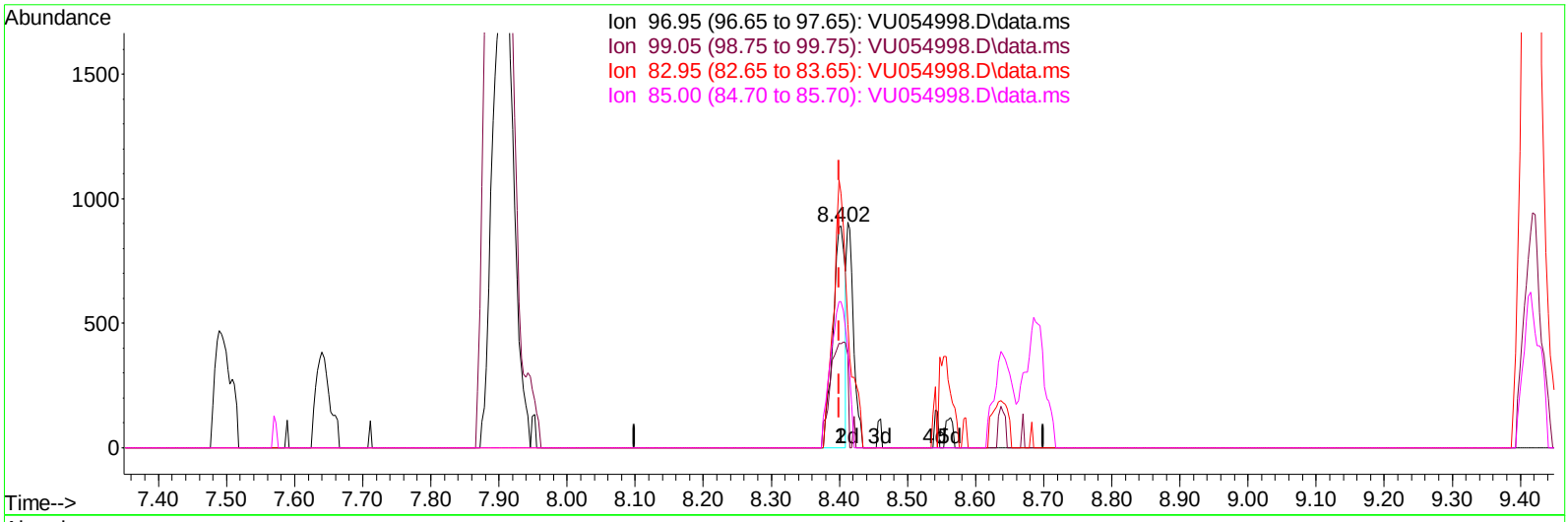
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
Data File : VU054998.D
Acq On : 30 Aug 2023 14:51
Operator : MD/SY
Sample : 04209-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

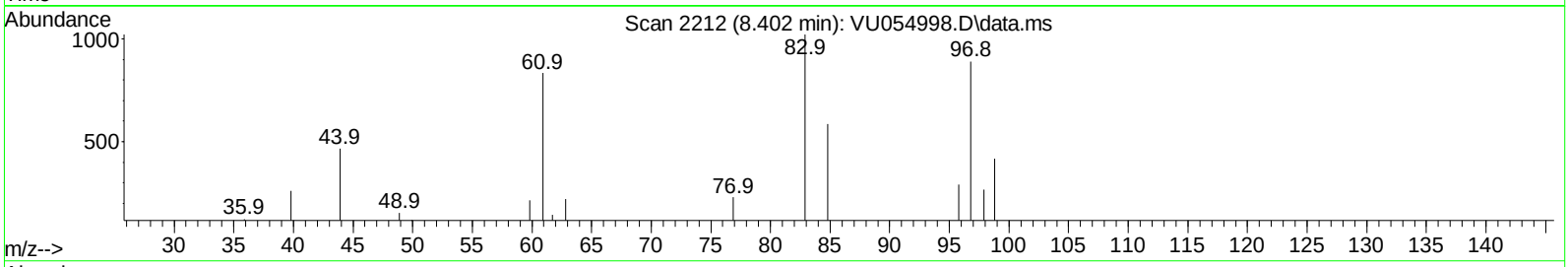
Quant Time: Aug 31 02:36:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 31 02:34:15 2023
Response via : Initial Calibration

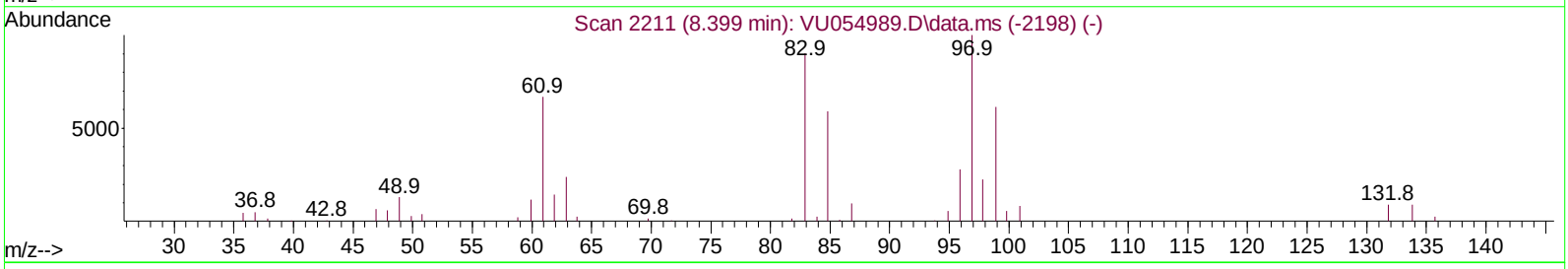
Instrument :
MSVOA_U
ClientSampleId :
BH489

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023







TIC: VU054998.D\data.ms

(45) 1,1,2-Trichloroethane (T)

8.402min (+ 0.003) 0.14 ug/L

response 1085

Ion	Exp%	Act%
96.95	100.00	100.00
99.05	59.30	46.85
82.95	85.50	114.72#
85.00	55.70	65.84

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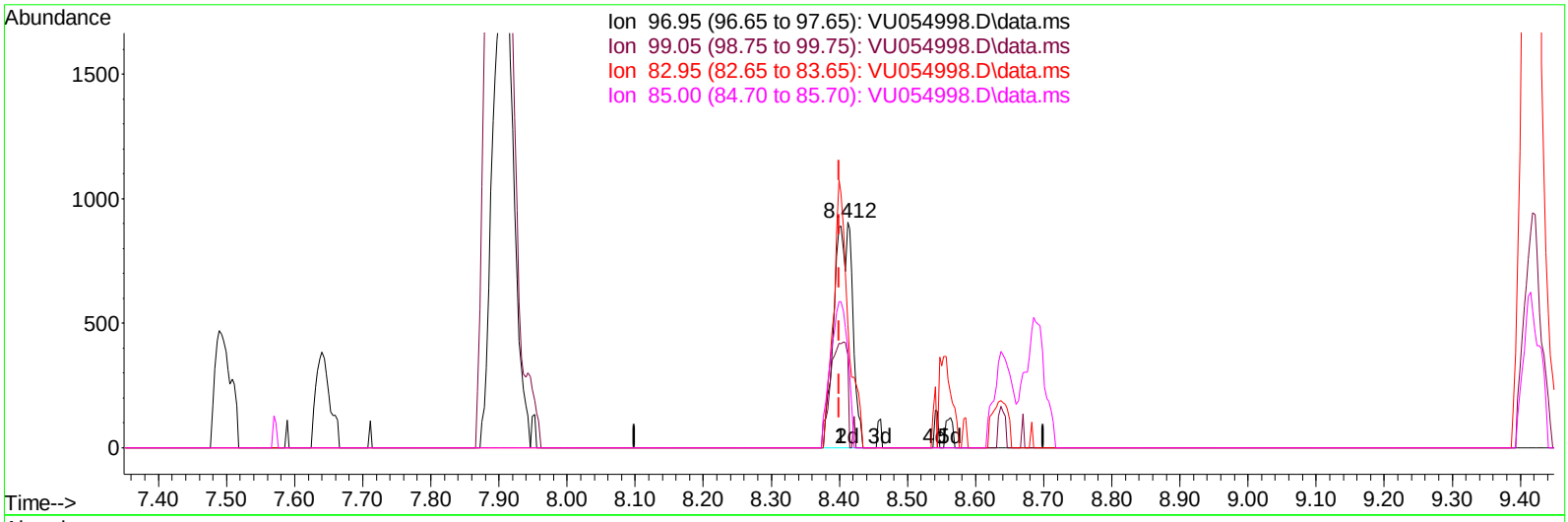

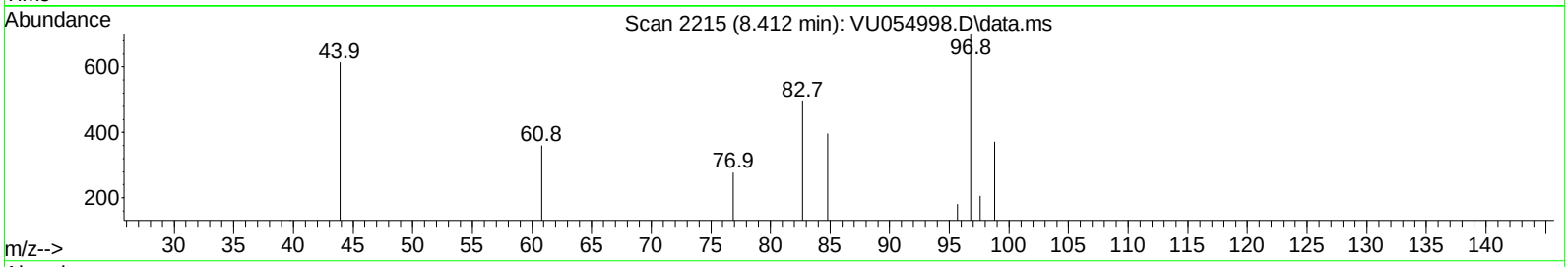

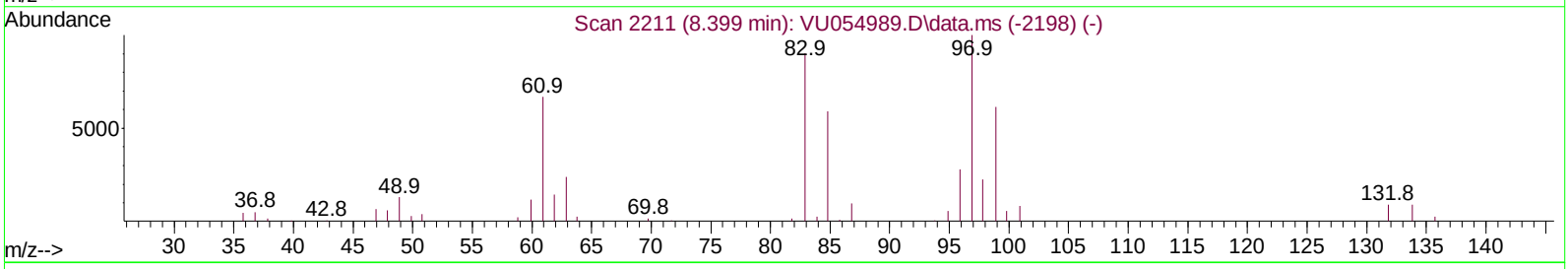

TIC: VU054998.D\data.ms

(45) 1,1,2-Trichloroethane (T)

8.412min (+ 0.013) 0.22 ug/L m

response 1727

Ion	Exp%	Act%
96.95	100.00	100.00
99.05	59.30	53.22
82.95	85.50	70.82
85.00	55.70	56.80

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181292	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	173840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18779	3.282	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.600%			
7) Chloroethane-d5	1.907	69	27010	3.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.000%			
11) 1,1-Dichloroethene-d2	2.563	65	12130	3.751	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.000%			
20) 2-Butanone-d5	4.628	46	163599	52.968	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.940%			
24) Chloroform-d	5.062	84	89055	4.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	5.701	65	50734	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	5.724	84	155529	3.980	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
36) 1,2-Dichloropropane-d6	6.689	67	58401	4.249	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.000%			
41) Toluene-d8	7.898	98	135329	3.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.400%			
43) trans-1,3-Dichloroprop...	8.180	79	16812	3.717	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.400%			
46) 2-Hexanone-d5	8.634	63	109314	50.921	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.840%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54730	4.644	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	59990	4.251	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.000%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2141	0.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2010	0.214	ug/L #	80
12) 1,1-Dichloroethene	2.579	96	3735	0.456	ug/L #	17
17) Methyl tert-butyl Ether	3.364	73	8619	0.362	ug/L #	89
18) trans-1,2-Dichloroethene	3.357	96	5049	0.564	ug/L	90
19) 1,1-Dichloroethane	3.862	63	4857	0.259	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	490883	46.026	ug/L	94
25) Chloroform	5.084	83	10920	0.531	ug/L	95
34) Trichloroethene	6.541	95	822127	72.337	ug/L	98
45) 1,1,2-Trichloroethane	8.412	97	1727m	0.224	ug/L	
47) Tetrachloroethene	8.550	164	22409	2.744	ug/L	96

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

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