Quantitation Report (Qedit)

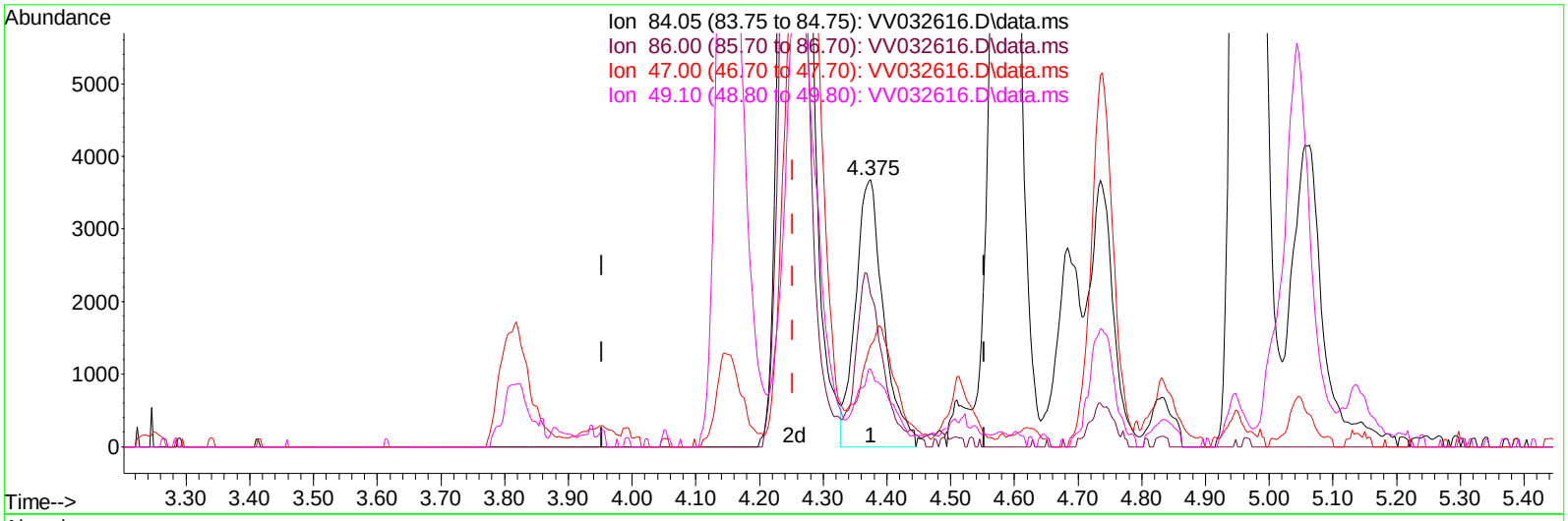
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032616.D
Acq On : 25 Oct 2023 02:12
Operator : SY/MD
Sample : 04995-03MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

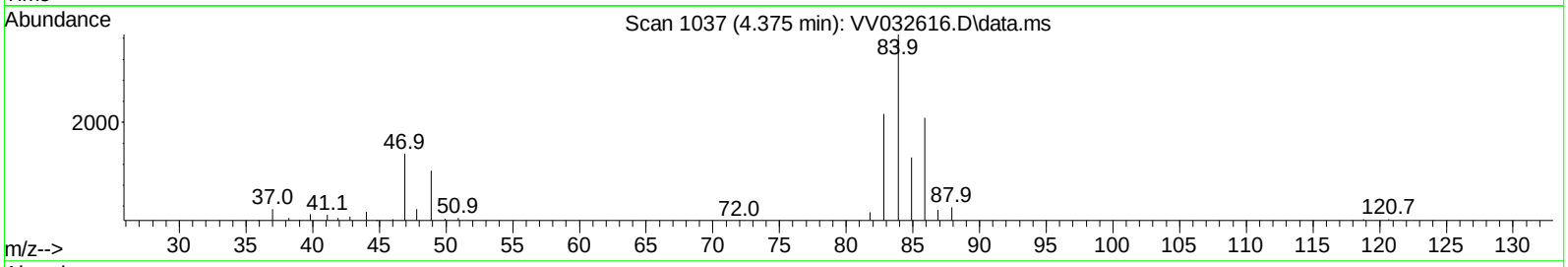
Quant Time: Oct 25 08:37:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration

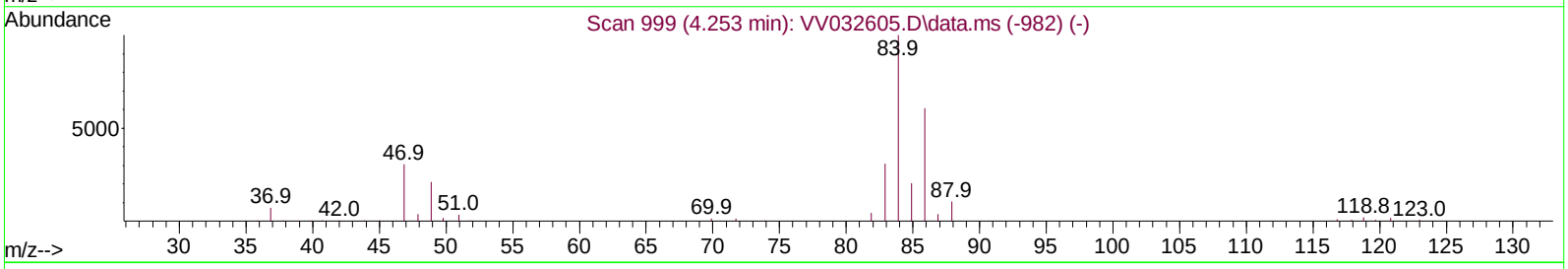
Instrument :
MSVOA_V
ClientSampleId :
A4937MS

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023







TIC: VV032616.D\data.ms

(24) Chloroform-d (S)

4.375min (+ 0.122) 0.85 ug/L

response 11255

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	61.90	51.76
47.00	43.10	48.48
49.10	25.00	28.34

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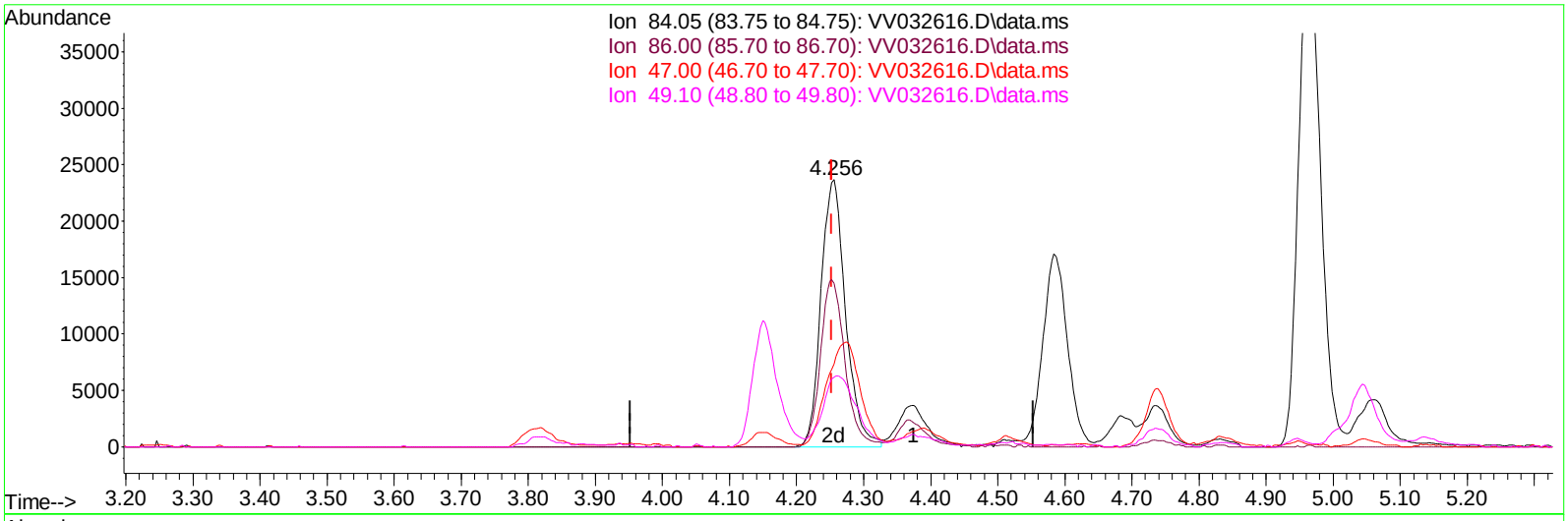

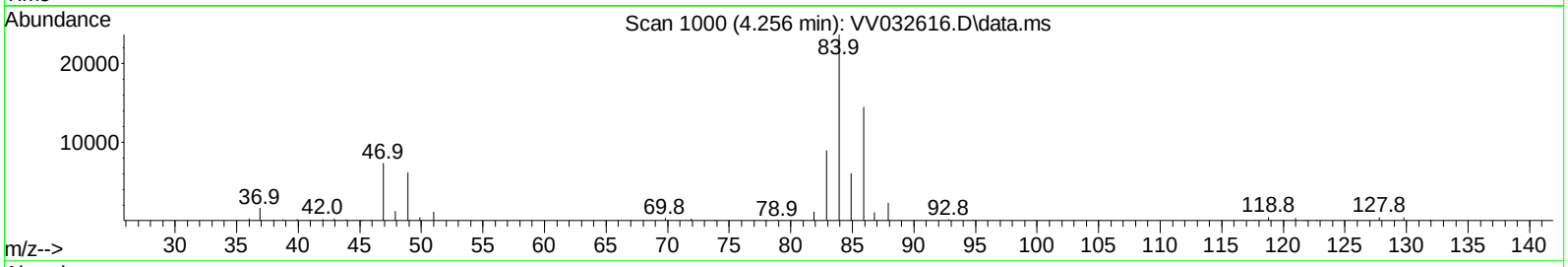

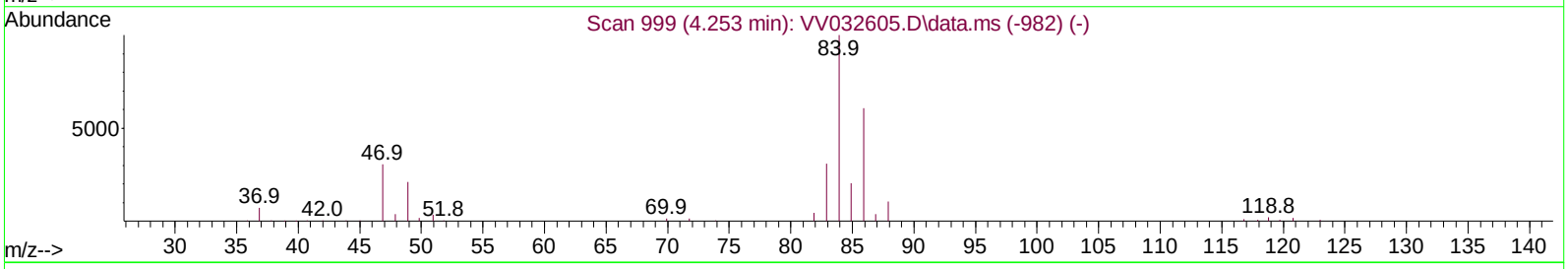

TIC: VV032616.D\data.ms

(24) Chloroform-d (S)

4.256min (+ 0.003) 4.57 ug/L m

response 60378

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	61.90	9.65#
47.00	43.10	9.04#
49.10	25.00	5.28#

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23210	3.102	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.000%			
7) Chloroethane-d5	1.532	69	27746	4.568	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.400%			
11) 1,1-Dichloroethene-d2	2.060	65	9487	3.006	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.200%			
20) 2-Butanone-d5	3.799	46	102515	54.161	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.320%			
24) Chloroform-d	4.256	84	60378m	4.574	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	4.947	65	32262	5.160	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.200%			
32) Benzene-d6	4.963	84	102025	3.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.400%#			
36) 1,2-Dichloropropane-d6	5.992	67	34740	3.459	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 69.200%			
41) Toluene-d8	7.246	98	96225	3.471	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.400%#			
43) trans-1,3-Dichloroprop...	7.558	79	14286	4.014	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.027	63	90401	53.982	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.960%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37620	5.355	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	11.564	152	40350	4.005	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	48253	4.707	ug/L	99
3) Chloromethane	1.217	50	49388	4.779	ug/L	97
5) Vinyl chloride	1.282	62	46926	4.760	ug/L	98
6) Bromomethane	1.487	94	28343	4.760	ug/L	97
8) Chloroethane	1.548	64	34023	5.733	ug/L	100
9) Trichlorofluoromethane	1.712	101	66047	5.587	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36351	5.075	ug/L	98
12) 1,1-Dichloroethene	2.069	96	32839	4.867	ug/L	84
13) Acetone	2.127	43	62267	42.682	ug/L	97
14) Carbon disulfide	2.243	76	92713	3.931	ug/L	99
15) Methyl Acetate	2.384	43	11189	3.407	ug/L	92
16) Methylene chloride	2.449	84	38457	4.372	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	82675	4.501	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	33246	4.302	ug/L	98
19) 1,1-Dichloroethane	3.114	63	67057	4.612	ug/L	97
21) 2-Butanone	3.880	43	92809	40.681	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	38818	4.665	ug/L	99
23) Bromochloromethane	4.153	128	16990	4.853	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.278	83	71975	5.046	ug/L		98
27) 1,2-Dichloroethane	5.047	62	44522	5.283	ug/L		99
29) 1,1,1-Trichloroethane	4.513	97	59435	4.243	ug/L		97
30) Cyclohexane	4.587	56	48787	3.169	ug/L		96
31) Carbon tetrachloride	4.738	117	50412	4.253	ug/L		99
33) Benzene	5.011	78	150198	4.141	ug/L		100
34) Trichloroethene	5.838	95	37151	3.752	ug/L		96
35) Methylcyclohexane	6.053	83	55395	3.615	ug/L		97
37) 1,2-Dichloropropane	6.095	63	35980	3.709	ug/L	#	95
38) Bromodichloromethane	6.436	83	49263	4.274	ug/L		99
39) cis-1,3-Dichloropropene	6.957	75	55679	4.033	ug/L		98
40) 4-Methyl-2-pentanone	7.159	43	253378	41.274	ug/L		98
42) Toluene	7.317	91	176785	4.572	ug/L		98
44) trans-1,3-Dichloropropene	7.587	75	48944	4.314	ug/L		99
45) 1,1,2-Trichloroethane	7.770	97	32080	4.688	ug/L		97
47) Tetrachloroethene	7.908	164	32543	4.334	ug/L		99
48) 2-Hexanone	8.079	43	184471	42.590	ug/L		99
49) Dibromochloromethane	8.178	129	34947	4.905	ug/L		97
50) 1,2-Dibromoethane	8.285	107	28395	4.387	ug/L		96
51) Chlorobenzene	8.818	112	112502	4.519	ug/L		99
52) Ethylbenzene	8.950	91	186000	4.320	ug/L		99
53) m,p-Xylene	9.075	106	70154	4.393	ug/L		99
54) o-Xylene	9.481	106	67722	4.401	ug/L		96
55) Styrene	9.500	104	116386	4.479	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.182	83	37945	5.039	ug/L		98
59) Bromoform	9.670	173	18314	4.638	ug/L		98
60) Isopropylbenzene	9.870	105	183991	4.360	ug/L		99
61) 1,2,3-Trichloropropane	10.214	75	25669	4.442	ug/L		100
62) 1,3,5-Trimethylbenzene	10.481	105	141015	4.100	ug/L		99
63) 1,2,4-Trimethylbenzene	10.854	105	142664	4.166	ug/L		100
64) 1,3-Dichlorobenzene	11.120	146	89383	4.434	ug/L		97
65) 1,4-Dichlorobenzene	11.210	146	88565	4.379	ug/L		99
67) 1,2-Dichlorobenzene	11.583	146	83171	4.524	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5201	4.405	ug/L		95
69) 1,3,5-Trichlorobenzene	12.583	180	59948	4.061	ug/L		99
70) 1,2,4-trichlorobenzene	13.201	180	50157	3.830	ug/L		99
71) Naphthalene	13.442	128	78619	3.534	ug/L		98
72) 1,2,3-Trichlorobenzene	13.683	180	46286	4.102	ug/L		99

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

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