Quantitation Report (Qedit)

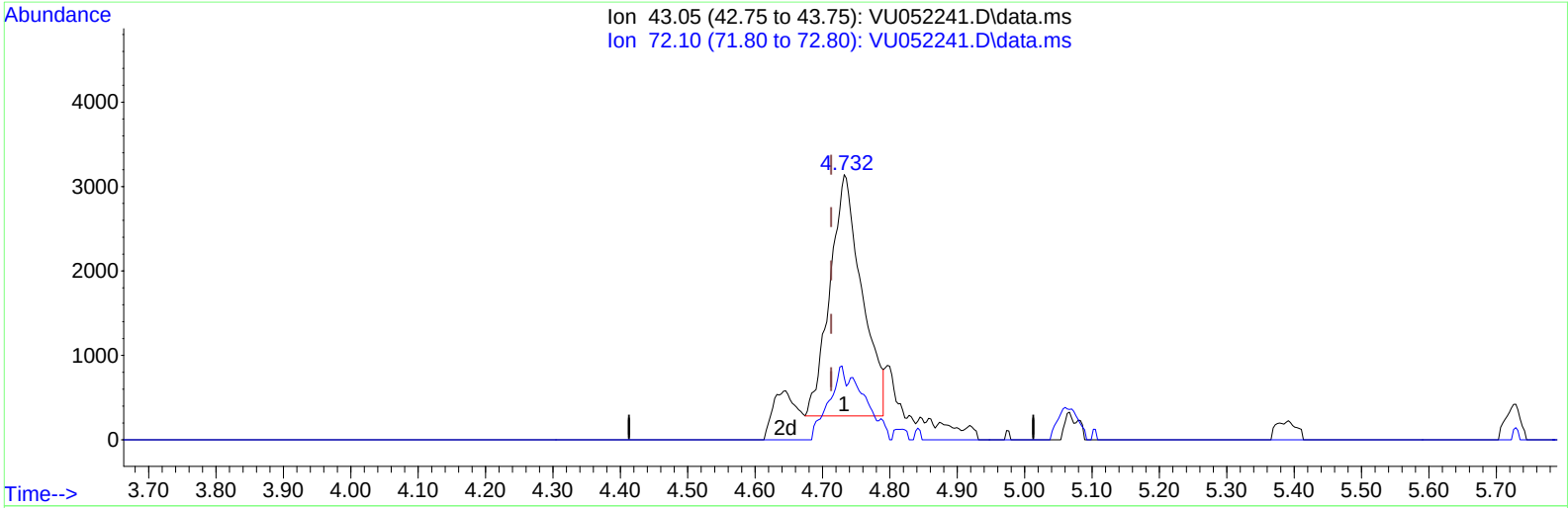
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052241.D
Acq On : 08 Dec 2022 12:10
Operator : JC/MD
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

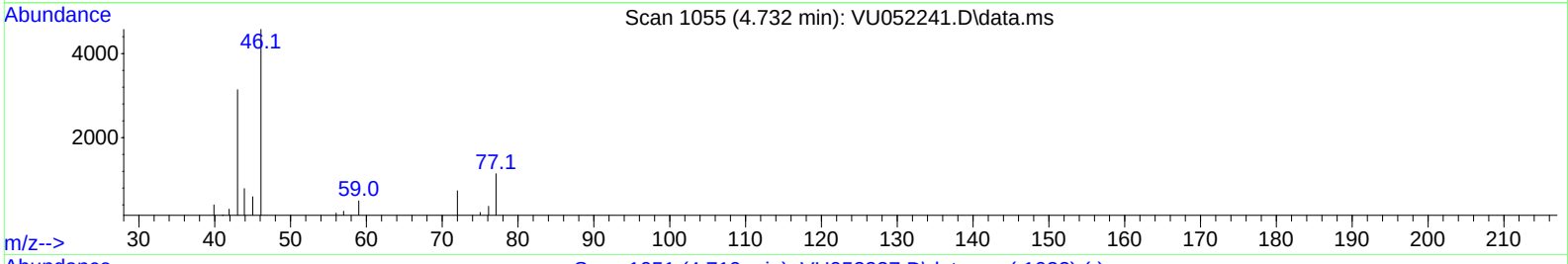
Quant Time: Dec 08 22:31:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

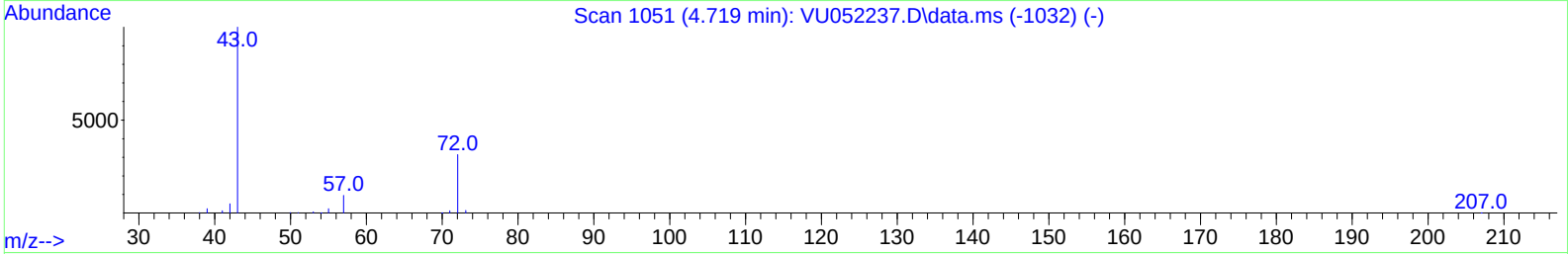
Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022







TIC: VU052241.D\data.ms

(21) 2-Butanone (T)

4.732min (+ 0.019) 2.22 ug/L

response 9374

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.20	16.18
0.00	0.00	0.00
0.00	0.00	0.00

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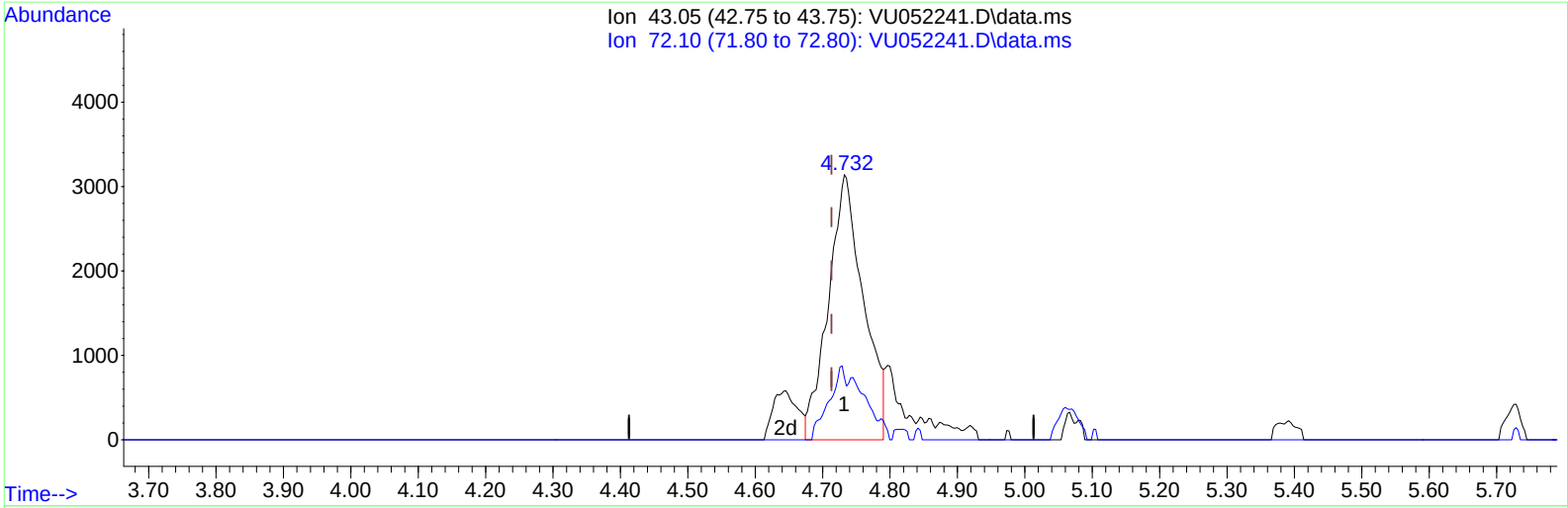

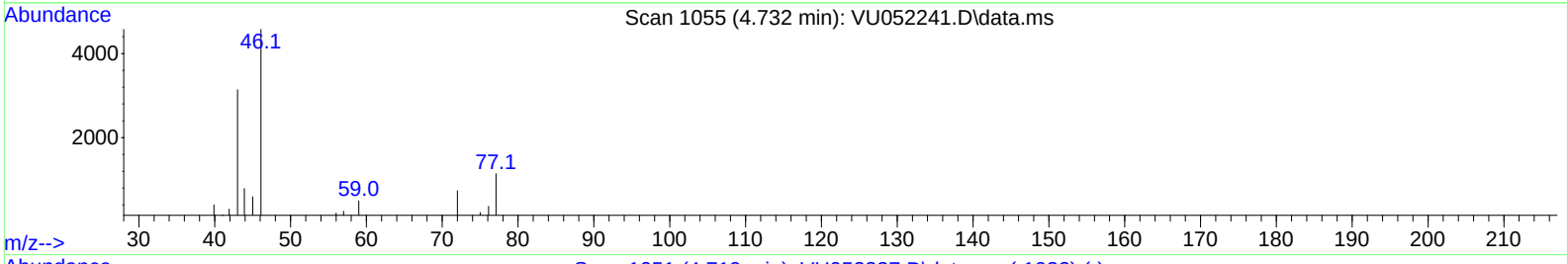

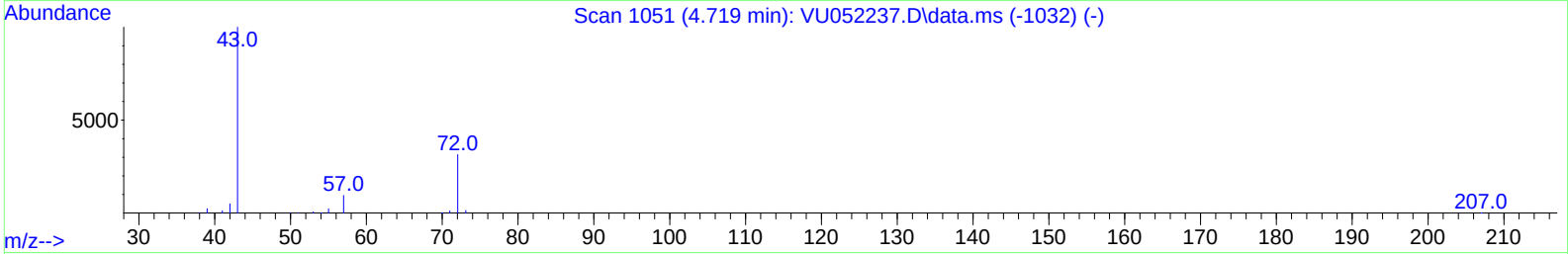

TIC: VU052241.D\data.ms

(21) 2-Butanone (T)

4.732min (+ 0.019) 2.69 ug/L m

response 11346

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.20	13.37#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	219632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85579	4.006	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.200%			
7) Chloroethane-d5	1.915	69	74836	4.510	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.568	65	33257	4.343	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.800%			
20) 2-Butanone-d5	4.642	46	233295	60.245	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.480%			
24) Chloroform-d	5.060	84	155684	4.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.700	65	82225	5.186	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	5.726	84	311038	4.570	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.687	67	105554	5.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.896	98	247522	4.020	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.179	79	32688	4.259	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.635	63	170558	52.434	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.860%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94599	5.180	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	96805	4.903	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	4358	0.229	ug/L	95
3) Chloromethane	1.520	50	6761	0.272	ug/L	90
5) Vinyl chloride	1.604	62	6012	0.252	ug/L #	71
6) Bromomethane	1.861	94	2243	0.183	ug/L	91
8) Chloroethane	1.935	64	3933	0.265	ug/L	94
9) Trichlorofluoromethane	2.144	101	6324	0.241	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4765	0.297	ug/L	89
12) 1,1-Dichloroethene	2.581	96	5060	0.318	ug/L #	1
13) Acetone	2.668	43	7778	2.958	ug/L	82
14) Carbon disulfide	2.793	76	13861	0.251	ug/L	96
15) Methyl Acetate	2.970	43	1667	0.244	ug/L #	81
16) Methylene chloride	3.047	84	9435	0.438	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	7895	0.221	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	4558	0.267	ug/L	95
19) 1,1-Dichloroethane	3.874	63	7958	0.259	ug/L	97
21) 2-Butanone	4.732	43	11346m	2.692	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	4437	0.248	ug/L	89
23) Bromochloromethane	4.970	128	2221	0.259	ug/L #	89
25) Chloroform	5.086	83	8794	0.282	ug/L	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	4828	0.253 ug/L #	93
29) 1,1,1-Trichloroethane	5.314	97	5907	0.232 ug/L	96
30) Cyclohexane	5.385	56	4767	0.193 ug/L	96
31) Carbon tetrachloride	5.529	117	4809	0.223 ug/L	98
33) Benzene	5.774	78	17955	0.241 ug/L	100
34) Trichloroethene	6.542	95	4198	0.226 ug/L	94
35) Methylcyclohexane	6.761	83	5252	0.196 ug/L	93
37) 1,2-Dichloropropane	6.787	63	5015	0.260 ug/L #	97
38) Bromodichloromethane	7.105	83	6240	0.265 ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	5114	0.206 ug/L	89
40) 4-Methyl-2-pentanone	7.793	43	20224	2.004 ug/L #	86
42) Toluene	7.967	91	16563	0.216 ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	5402	0.254 ug/L	92
45) 1,1,2-Trichloroethane	8.398	97	3634	0.250 ug/L	95
47) Tetrachloroethene	8.552	164	3181	0.223 ug/L	97
48) 2-Hexanone	8.684	43	22421	3.031 ug/L	97
49) Dibromochloromethane	8.806	129	3908	0.240 ug/L	88
50) 1,2-Dibromoethane	8.922	107	2874	0.217 ug/L #	90
51) Chlorobenzene	9.446	112	11720	0.240 ug/L	96
52) Ethylbenzene	9.568	91	14892	0.200 ug/L	96
53) m,p-Xylene	9.697	106	5183	0.179 ug/L	91
54) o-Xylene	10.095	106	4669	0.169 ug/L	86
55) Styrene	10.115	104	7459	0.159 ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.777	83	4624	0.255 ug/L #	78
59) Bromoform	10.295	173	2224	0.262 ug/L #	92
60) Isopropylbenzene	10.481	105	11698	0.181 ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	3160	0.268 ug/L #	91
62) 1,3,5-Trimethylbenzene	11.086	105	8922	0.172 ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	8273	0.161 ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7357	0.222 ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	8362	0.254 ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	9993	0.314 ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.995	75	586	0.227 ug/L #	73
69) 1,3,5-Trichlorobenzene	13.217	180	5858	0.250 ug/L	90
70) 1,2,4-trichlorobenzene	13.841	180	4277	0.239 ug/L	88
71) Naphthalene	14.089	128	7169	0.214 ug/L #	92
72) 1,2,3-Trichlorobenzene	14.330	180	4091	0.233 ug/L	97

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

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