Quantitation Report (Qedit)

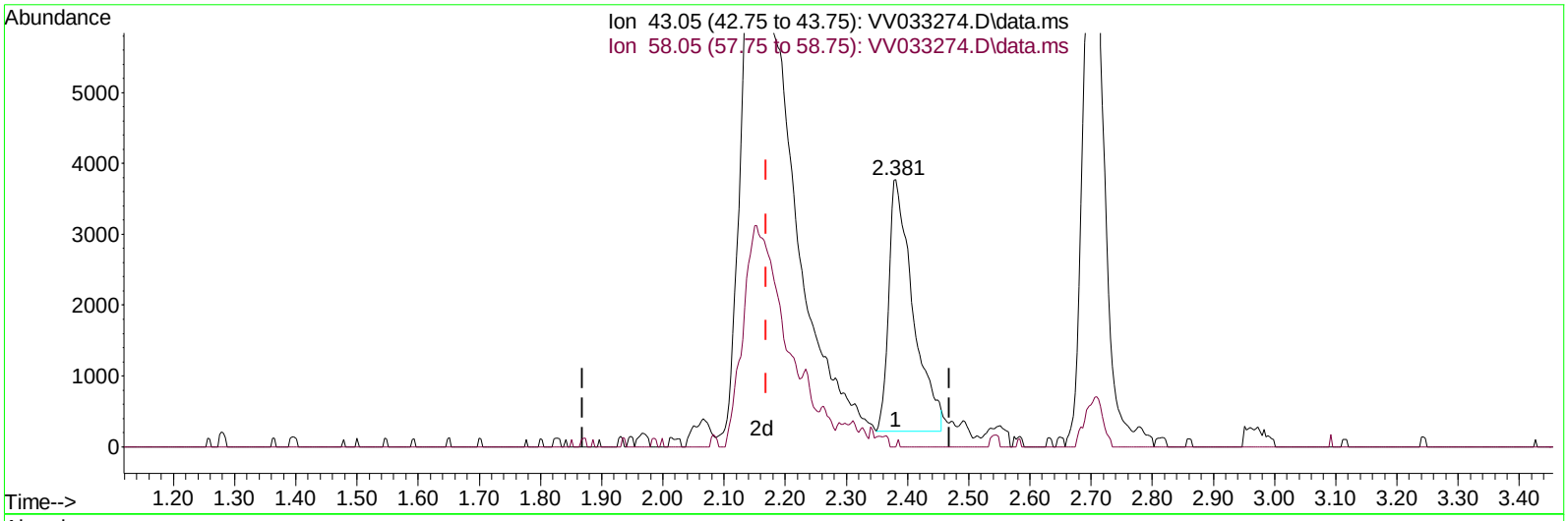
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033274.D
Acq On : 13 Dec 2023 13:11
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

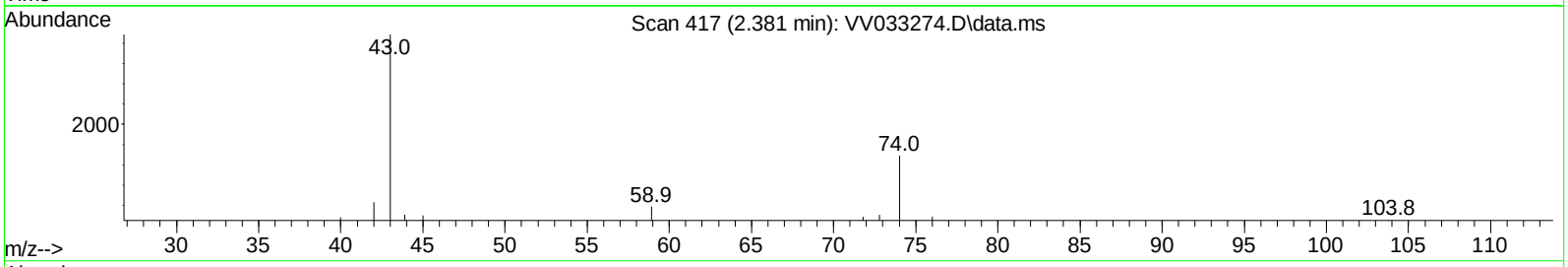
Quant Time: Dec 13 23:24:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:17:59 2023
Response via : Initial Calibration

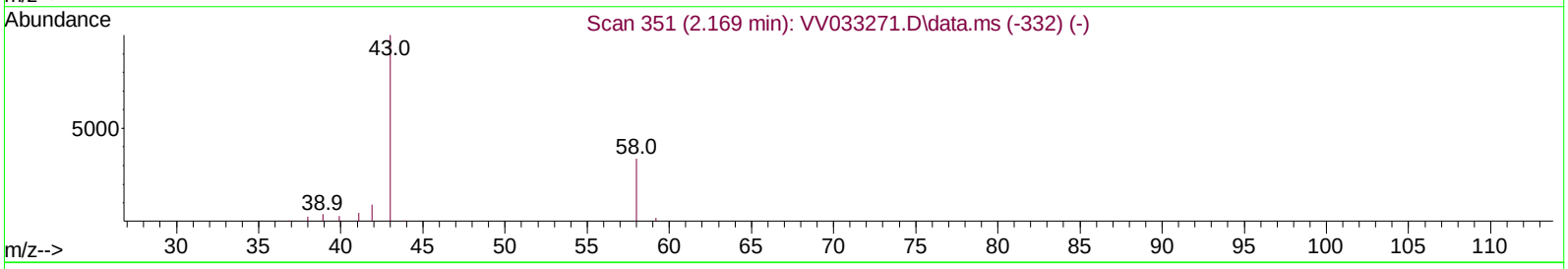
Instrument :
MSVOA_V
ClientSampleId :
VICV221

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023







TIC: VV033274.D\data.ms

(13) Acetone (T)

2.381min (+ 0.212) 11.13 ug/L

response 9699

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	15.10	9.54
0.00	0.00	0.00
0.00	0.00	0.00

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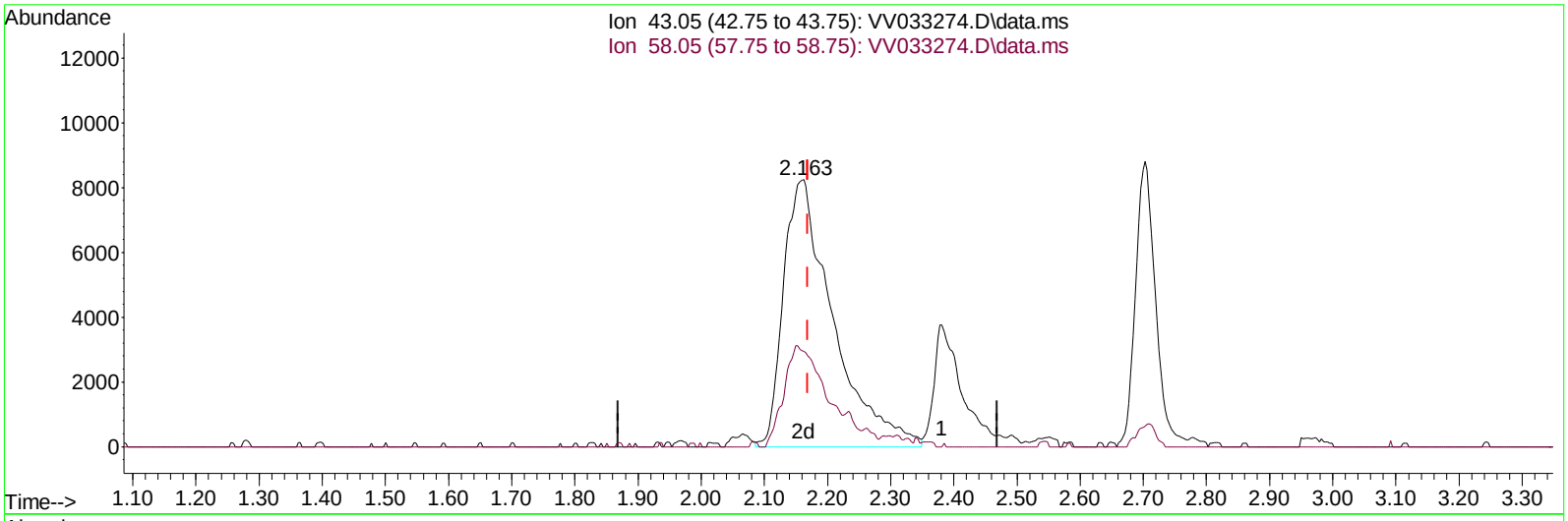

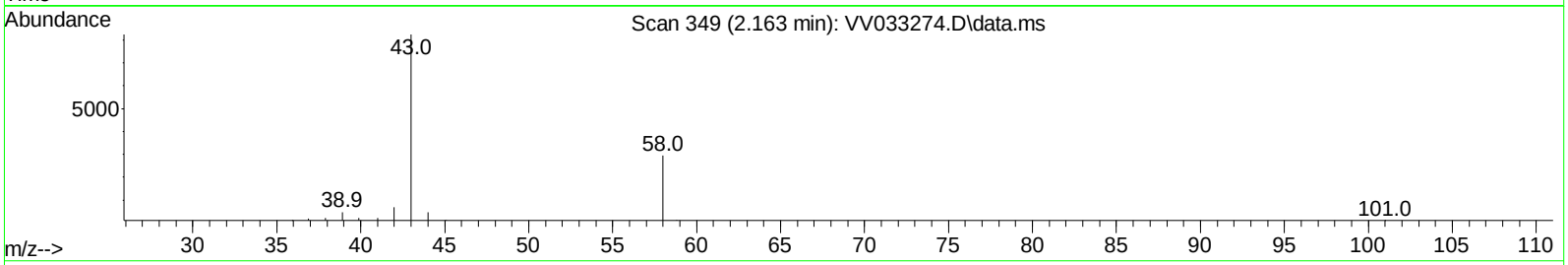

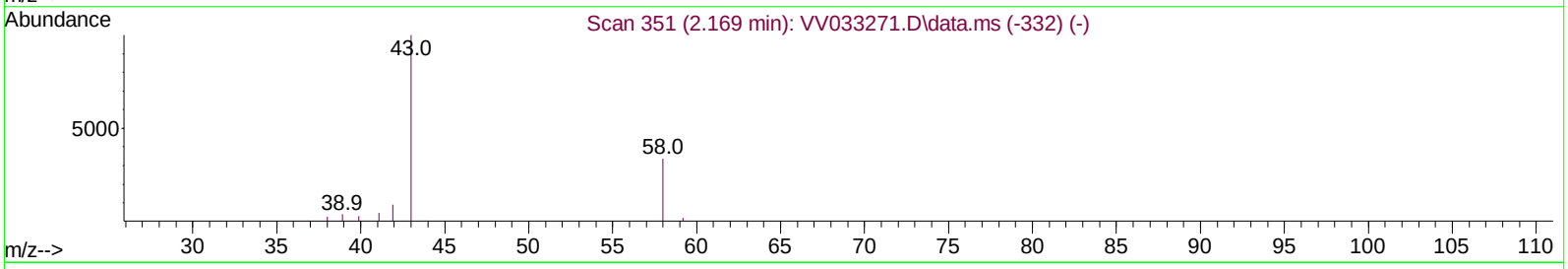

TIC: VV033274.D\data.ms

(13) Acetone (T)

2.163min (-0.006) 51.51 ug/L m

response 44904

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	15.10	2.06
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	5.532	114	162341	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	153724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53356	5.127	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.600%			
7) Chloroethane-d5	1.532	69	38404	4.962	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.056	65	20968	5.062	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.200%			
20) 2-Butanone-d5	3.825	46	64436	52.320	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.640%			
24) Chloroform-d	4.246	84	108684	5.007	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	4.941	65	48260	5.116	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	4.957	84	207521	5.219	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	5.986	67	48325	5.339	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.800%			
41) Toluene-d8	7.243	98	204405	5.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
43) trans-1,3-Dichloroprop...	7.555	79	21721	5.260	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.200%			
46) 2-Hexanone-d5	8.027	63	64214	55.704	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.400%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	31949	5.219	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	77326	5.376	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	99339	4.905	ug/L	98
3) Chloromethane	1.214	50	56915	4.915	ug/L	99
5) Vinyl chloride	1.282	62	58826	5.020	ug/L	100
6) Bromomethane	1.487	94	39275	5.113	ug/L	100
8) Chloroethane	1.548	64	31069	4.595	ug/L	99
9) Trichlorofluoromethane	1.712	101	103532	4.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	48648	4.893	ug/L	99
12) 1,1-Dichloroethene	2.066	96	45670	4.914	ug/L	97
13) Acetone	2.163	43	44904m	51.515	ug/L	
14) Carbon disulfide	2.237	76	151330	5.000	ug/L	100
15) Methyl Acetate	2.381	43	11059	4.787	ug/L	95
16) Methylene chloride	2.446	84	53559	5.003	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	101200	5.287	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	56142	4.989	ug/L	96
19) 1,1-Dichloroethane	3.108	63	86261	4.885	ug/L	98
21) 2-Butanone	3.896	43	59500	46.856	ug/L	89
22) cis-1,2-Dichloroethene	3.812	96	59366	5.106	ug/L	95
23) Bromochloromethane	4.143	128	24923	4.964	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.272	83	101469	4.873	ug/L	99
27) 1,2-Dichloroethane	5.040	62	56977	4.986	ug/L	98
29) 1,1,1-Trichloroethane	4.507	97	104290	4.893	ug/L	98
30) Cyclohexane	4.577	56	69397	5.102	ug/L	99
31) Carbon tetrachloride	4.732	117	99144	4.979	ug/L	98
33) Benzene	5.008	78	209951	5.097	ug/L	100
34) Trichloroethene	5.831	95	60677	5.052	ug/L	99
35) Methylcyclohexane	6.047	83	88524	4.977	ug/L	98
37) 1,2-Dichloropropane	6.092	63	41525	5.012	ug/L	100
38) Bromodichloromethane	6.429	83	68065	5.119	ug/L	96
39) cis-1,3-Dichloropropene	6.953	75	71179	5.290	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	163873	55.898	ug/L	98
42) Toluene	7.314	91	239749	5.081	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	59406	5.297	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	33544	5.257	ug/L	96
47) Tetrachloroethene	7.902	164	55565	4.887	ug/L	96
48) 2-Hexanone	8.079	43	120885	57.212	ug/L	99
49) Dibromochloromethane	8.175	129	45351	5.067	ug/L	98
50) 1,2-Dibromoethane	8.281	107	30393	5.130	ug/L	96
51) Chlorobenzene	8.812	112	158538	4.906	ug/L	99
52) Ethylbenzene	8.947	91	266419	5.040	ug/L	99
53) m,p-Xylene	9.072	106	108681	4.996	ug/L	98
54) o-Xylene	9.477	106	103252	5.011	ug/L	95
55) Styrene	9.497	104	172704	5.109	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	30933	4.975	ug/L	99
59) Bromoform	9.667	173	26904	5.363	ug/L	98
60) Isopropylbenzene	9.866	105	286513	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	23598	5.452	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	233319	5.273	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	231692	5.294	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	140612	5.107	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	139234	5.083	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	122804	5.188	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5249	5.185	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	111366	5.067	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	86829	5.128	ug/L	97
71) Naphthalene	13.442	128	123847	6.314	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	74219	5.461	ug/L	98

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

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