

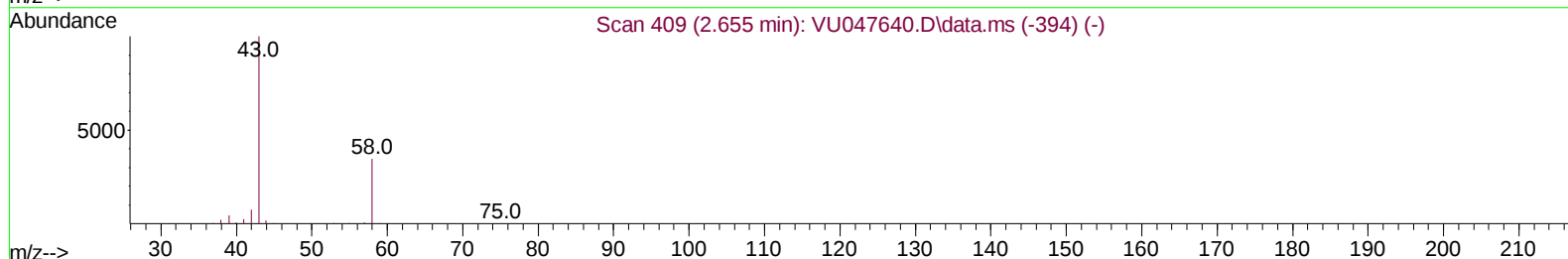
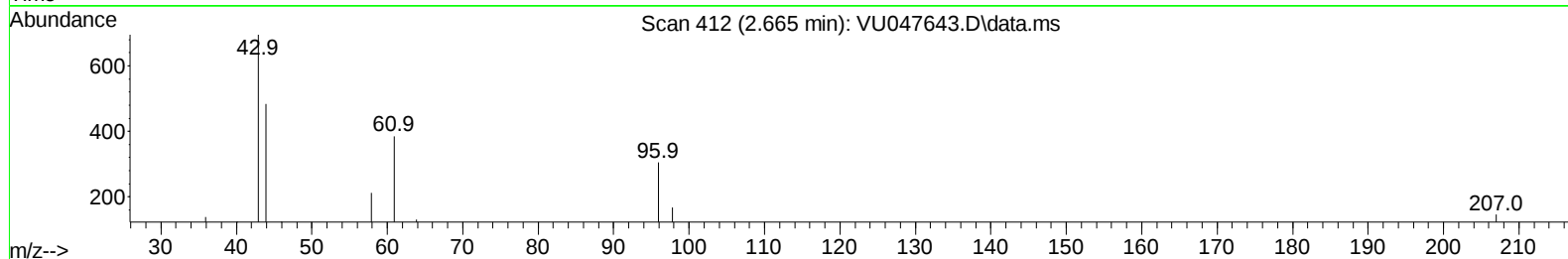
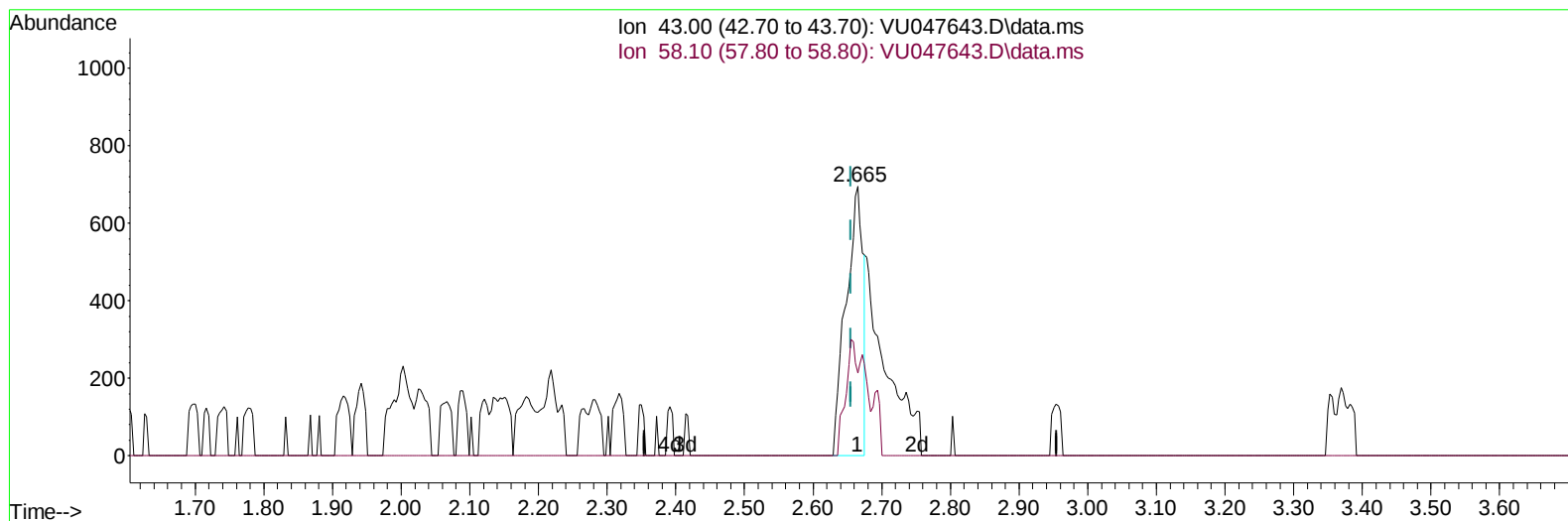
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

Manual IntegrationsAPPROVED

Quant Time: Mar 24 23:48:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022



TIC: VU047643.D\data.ms

(13) Acetone (T)

2.665min (+ 0.010) 3.14 ug/L

response 1184

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	35.00	19.34
0.00	0.00	0.00
0.00	0.00	0.00

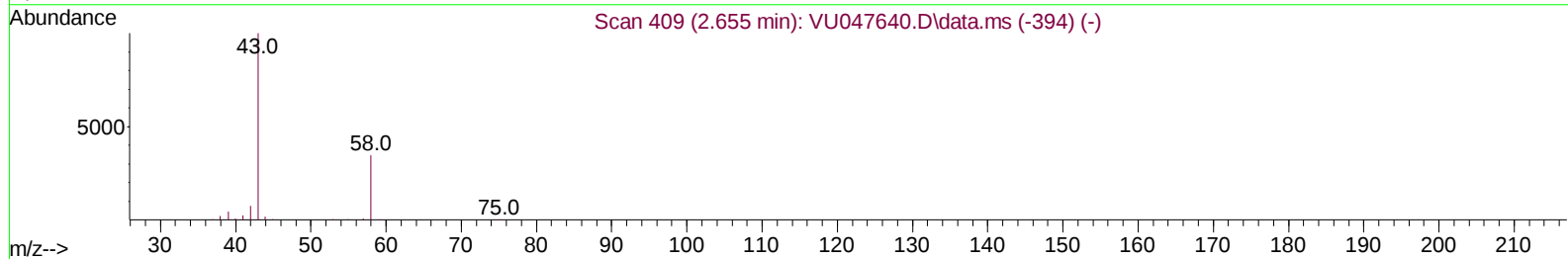
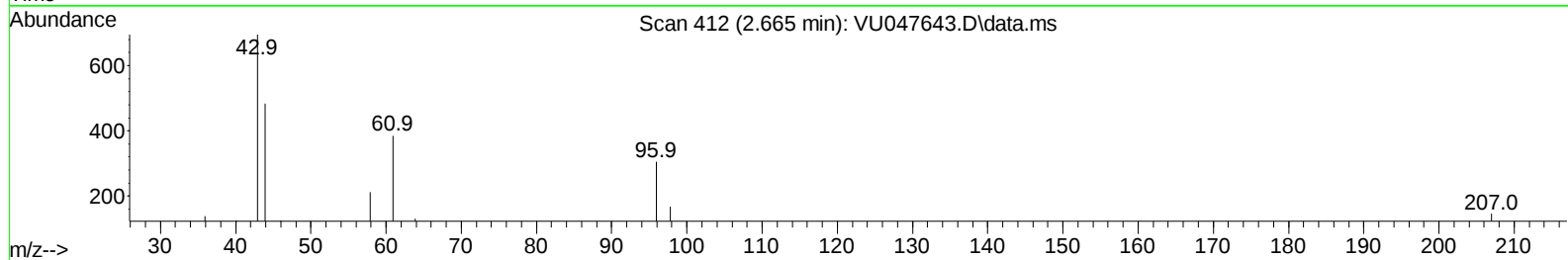
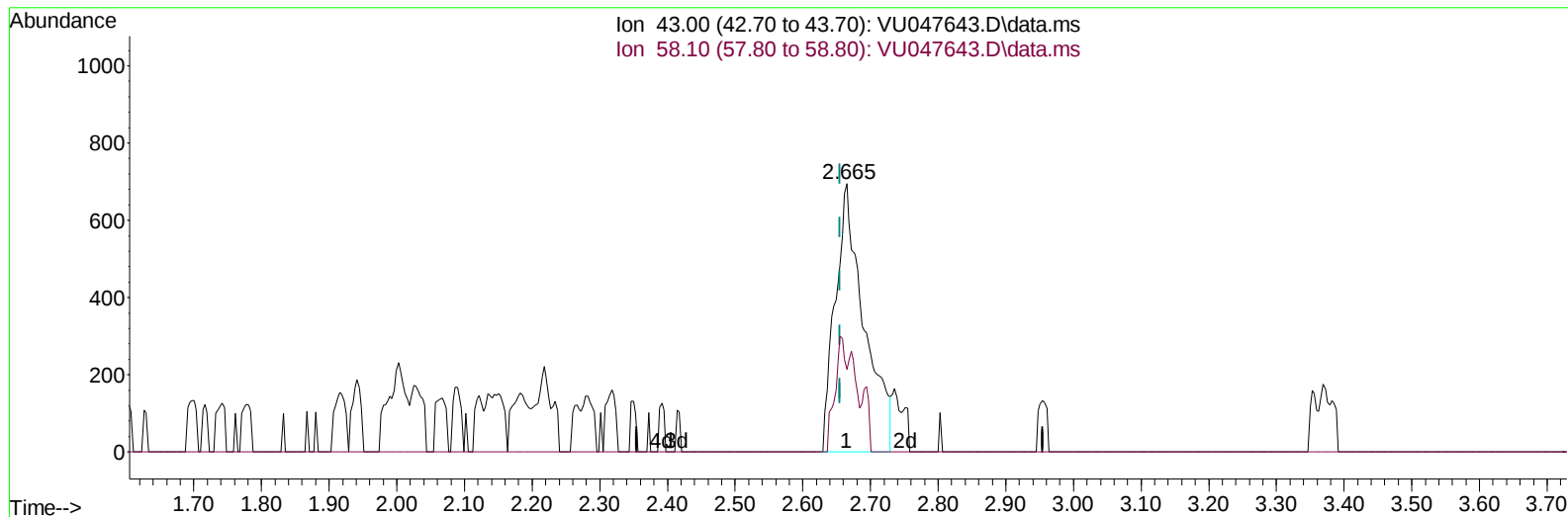
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TIC: VU047643.D\data.ms

(13) Acetone (T)

2.665min (+ 0.010) 5.46 ug/L m

response 2055

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	35.00	11.14
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	6.253	114	65009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	69048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24285	51.514	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.020%	
7) Chloroethane-d5	1.919	69	18103	48.701	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.578	63	46846	54.314	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	108.620%	
21) 2-Butanone-d5	4.646	46	44012	108.770	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	108.770%	
24) Chloroform-d	5.067	84	42748	49.558	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.120%	
26) 1,2-Dichloroethane-d4	5.707	65	28168	53.244	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.480%	
32) Benzene-d6	5.729	84	86219	49.624	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.240%	
36) 1,2-Dichloropropane-d6	6.694	67	26555	49.767	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	99.540%	
41) Toluene-d8	7.899	98	76149	44.985	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.960%	
43) trans-1,3-Dichloroprop...	8.182	79	12658	46.825	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	93.660%	
47) 2-Hexanone-d5	8.639	63	27802	89.006	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.010%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44241	48.313	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.620%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38884	48.965	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.940%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	503	0.835	ug/L	93
5) Vinyl chloride	1.607	62	85754	145.880	ug/L	97
8) Chloroethane	1.938	64	649195	1759.230	ug/L	100
9) Trichlorofluoromethane	2.144	101	4651	5.611	ug/L	100
12) 1,1-Dichloroethene	2.585	96	29849	66.936	ug/L	90
13) Acetone	2.665	43	2055m	5.457	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	13097	27.230	ug/L	98
19) 1,1-Dichloroethane	3.874	63	1390639	1676.418	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1137305	2156.817	ug/L	97
27) 1,2-Dichloroethane	5.803	62	4836	7.009	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	3009980	3844.493	ug/L	100
33) Benzene	5.781	78	9977	4.992	ug/L	100
34) Trichloroethene	6.543	95	19868	37.918	ug/L	94
35) Methylcyclohexane	6.764	83	3083	3.868	ug/L	92
40) 4-Methyl-2-pentanone	7.800	43	1466	1.826	ug/L #	76
42) Toluene	7.970	91	191271	87.221	ug/L	99
46) Tetrachloroethene	8.555	164	38942	82.703	ug/L	100
52) Ethylbenzene	9.571	91	52945	22.962	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.694	106	50012	55.277	ug/L	96
54) o-Xylene	10.102	106	29984	33.766	ug/L	97
61) Isopropylbenzene	10.485	105	9703	4.022	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	30742	23.487	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	153517	77.216	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	1382	0.995	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	9157	6.825	ug/L	98

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

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