Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028109.D
Acq On : 23 Sep 2022 18:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/27/2022

Quant Time: Sep 24 01:29:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	180282	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74265	3.973	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.400%			
7) Chloroethane-d5	1.561	69	63495	4.273	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.400%			
11) 1,1-Dichloroethene-d2	2.101	63	128098	3.952	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	3.905	46	171013	54.197	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.400%			
24) Chloroform-d	4.343	84	145747	4.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.027	65	69507	4.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.043	84	262004	4.401	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.066	67	84779	4.568	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.310	98	233436	4.332	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	7.619	79	30786	4.592	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.088	63	144660	51.704	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.400%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63275	4.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	87660	4.444	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	65068	4.832	ug/L	94
3) Chloromethane	1.237	50	64315	3.607	ug/L	98
5) Vinyl chloride	1.304	62	70710	5.058	ug/L	99
6) Bromomethane	1.516	94	43613	4.790	ug/L	99
8) Chloroethane	1.577	64	44835	4.783	ug/L	99
9) Trichlorofluoromethane	1.748	101	108795	4.901	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	62063	4.852	ug/L	98
12) 1,1-Dichloroethene	2.111	96	55350	4.443	ug/L	92
13) Acetone	2.211	43	102425m	42.142	ug/L	
14) Carbon disulfide	2.285	76	115675	4.838	ug/L	100
15) Methyl Acetate	2.442	43	22789	4.830	ug/L #	90
16) Methylene chloride	2.500	84	74248	5.339	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	138763	5.177	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	56936	5.220	ug/L	99
19) 1,1-Dichloroethane	3.182	63	126651	5.323	ug/L	97
21) 2-Butanone	3.989	43	142191	47.255	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	64775	4.526	ug/L	98
23) Bromochloromethane	4.243	128	29833	5.206	ug/L	94
25) Chloroform	4.368	83	134182	5.256	ug/L	99

Quantitation Report (QT Reviewed)

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Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 24 01:29:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69550	5.109	ug/L	#	94
29) 1,1,1-Trichloroethane	4.600	97	110701	4.963	ug/L		99
30) Cyclohexane	4.670	56	74530	4.620	ug/L		94
31) Carbon tetrachloride	4.822	117	93130	5.073	ug/L		99
33) Benzene	5.095	78	259372	5.145	ug/L		100
34) Trichloroethene	5.908	95	67454	5.375	ug/L		99
35) Methylcyclohexane	6.124	83	82167	4.774	ug/L		97
37) 1,2-Dichloropropane	6.169	63	69670	4.930	ug/L	#	97
38) Bromodichloromethane	6.506	83	90863	5.207	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	87649	4.993	ug/L		98
40) 4-Methyl-2-pentanone	7.227	43	376707	54.888	ug/L		99
42) Toluene	7.384	91	277488	5.277	ug/L		98
44) trans-1,3-Dichloropropene	7.648	75	76871	5.091	ug/L		97
45) 1,1,2-Trichloroethane	7.834	97	48993	5.172	ug/L		97
47) Tetrachloroethene	7.973	164	50872	5.079	ug/L		95
48) 2-Hexanone	8.140	43	279727	53.689	ug/L		100
49) Dibromochloromethane	8.243	129	58622	5.146	ug/L		98
50) 1,2-Dibromoethane	8.352	107	43231	5.251	ug/L		97
51) Chlorobenzene	8.876	112	174610	4.950	ug/L		97
52) Ethylbenzene	9.008	91	278029	4.997	ug/L		99
53) m,p-Xylene	9.137	106	108811	5.104	ug/L		97
54) o-Xylene	9.542	106	106631	5.065	ug/L		100
55) Styrene	9.558	104	187652	5.144	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58749	5.322	ug/L		99
59) Bromoform	9.728	173	31759	4.974	ug/L		99
60) Isopropylbenzene	9.927	105	285222	4.831	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	42784	5.072	ug/L		97
62) 1,3,5-Trimethylbenzene	10.535	105	75803	4.559	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	215039	4.626	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	145587	4.956	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	145284	4.943	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	136594	4.922	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.423	75	9575	5.178	ug/L		88
69) 1,3,5-Trichlorobenzene	12.641	180	111064	4.777	ug/L		99
70) 1,2,4-trichlorobenzene	13.259	180	86738	4.665	ug/L		100
71) Naphthalene	13.500	128	137461	4.514	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	81075	4.820	ug/L		98

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

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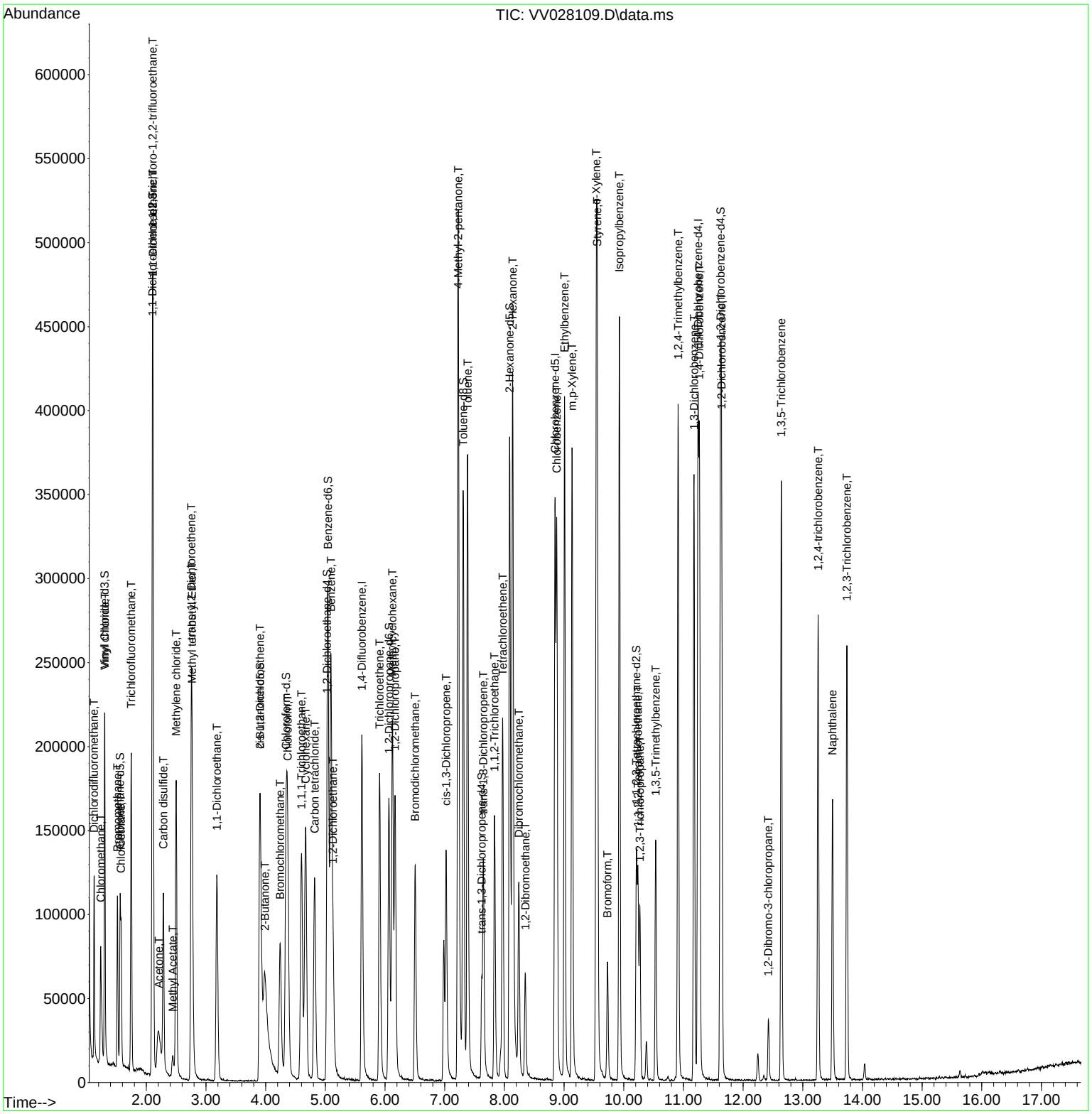
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 24 01:29:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/27/2022



Quantitation Report (Qedit)

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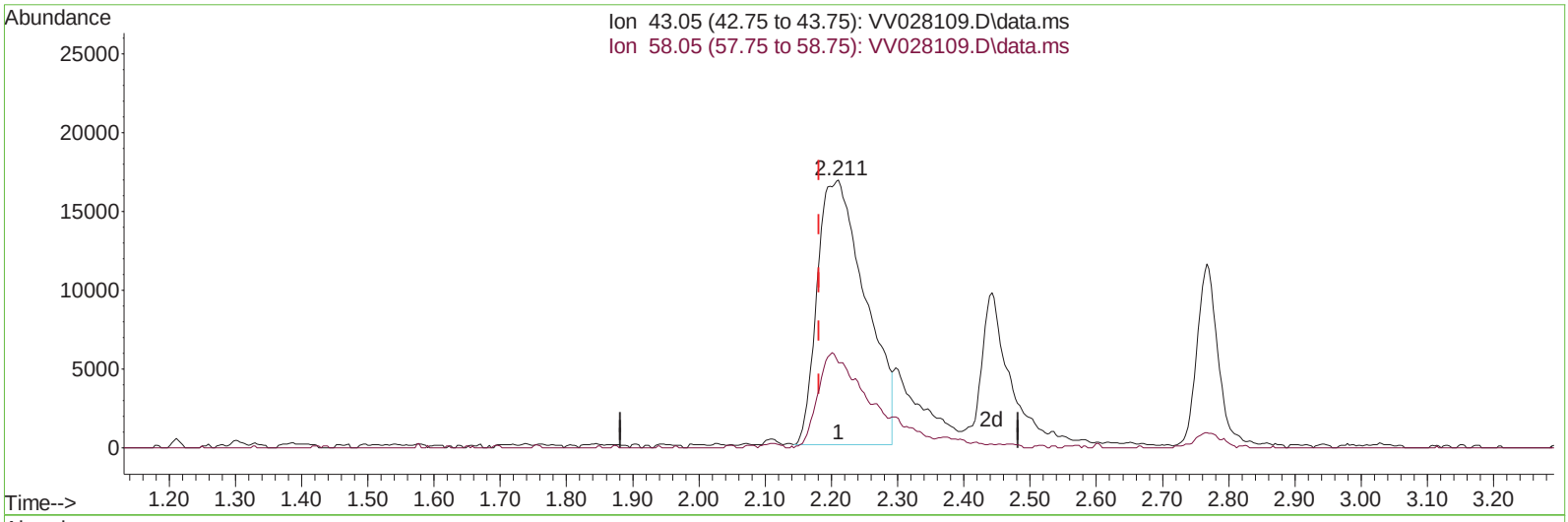

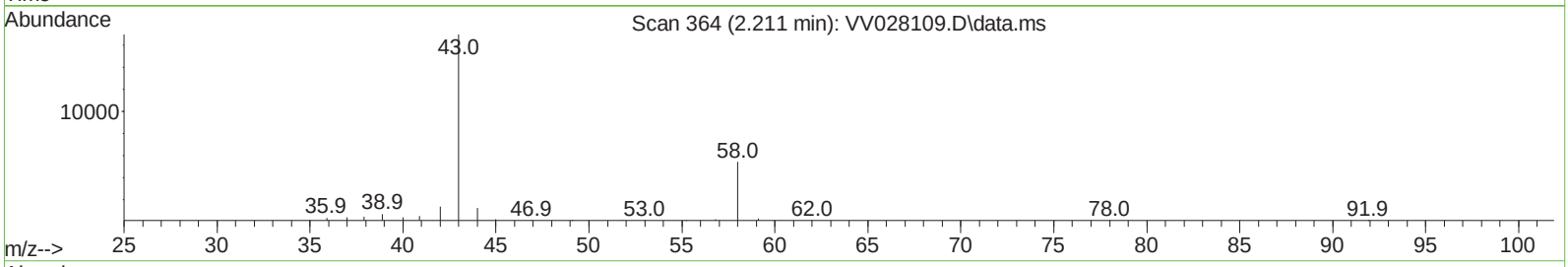

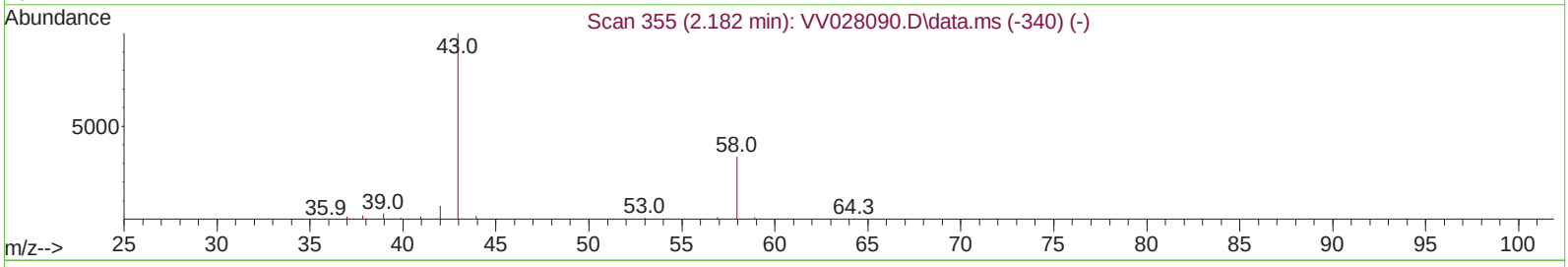

TIC: VV028109.D\data.ms

(13) Acetone (T)

2.211min (+ 0.029) 34.92 ug/L

response 84883

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	32.80	34.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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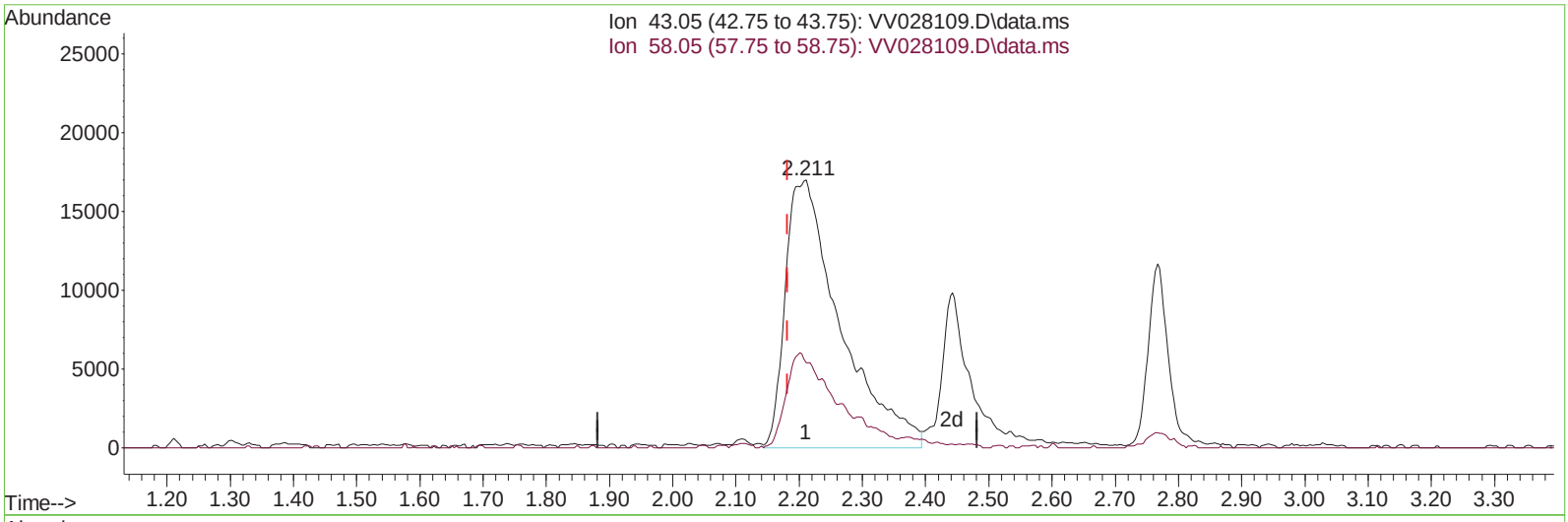

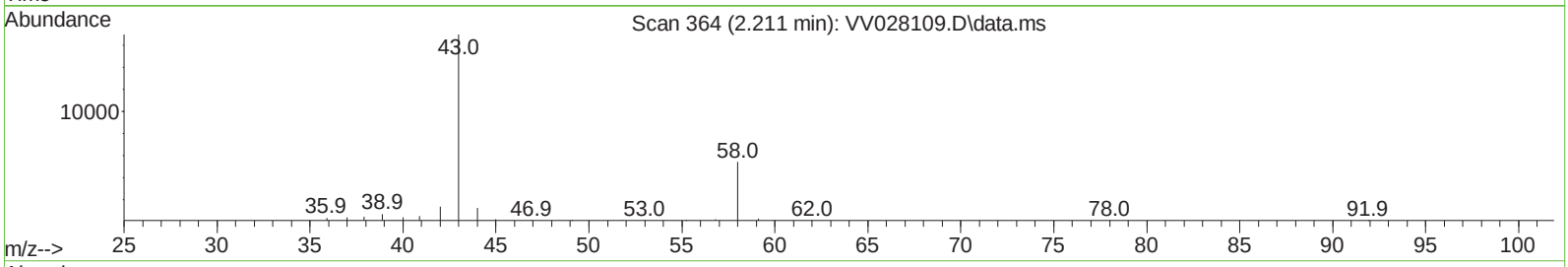

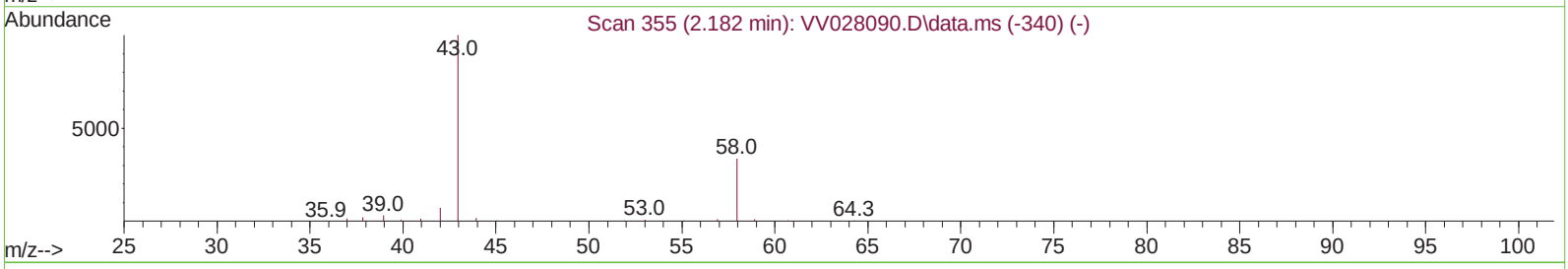

TIC: VV028109.D\data.ms

(13) Acetone (T)

2.211min (+ 0.029) 42.14 ug/L m

response 102425

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	32.80	28.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
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58) 1,4-Dichlorobenzene-d4	11.246	152	100575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74265	3.973	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.400%			
7) Chloroethane-d5	1.561	69	63495	4.273	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.400%			
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Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
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41) Toluene-d8	7.310	98	233436	4.332	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	7.619	79	30786	4.592	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.088	63	144660	51.704	ug/L	0.00
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56) 1,1,2,2-Tetrachloroeth...	10.214	84	63275	4.988	ug/L	0.00
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66) 1,2-Dichlorobenzene-d4	11.622	152	87660	4.444	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	65068	4.832	ug/L	94
3) Chloromethane	1.237	50	64315	3.607	ug/L	98
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.368	83	134182	5.256	ug/L		99
27) 1,2-Dichloroethane	5.127	62	69550	5.109	ug/L	#	94
29) 1,1,1-Trichloroethane	4.600	97	110701	4.963	ug/L		99
30) Cyclohexane	4.670	56	74530	4.620	ug/L		94
31) Carbon tetrachloride	4.822	117	93130	5.073	ug/L		99
33) Benzene	5.095	78	259372	5.145	ug/L		100
34) Trichloroethene	5.908	95	67454	5.375	ug/L		99
35) Methylcyclohexane	6.124	83	82167	4.774	ug/L		97
37) 1,2-Dichloropropane	6.169	63	69670	4.930	ug/L	#	97
38) Bromodichloromethane	6.506	83	90863	5.207	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	87649	4.993	ug/L		98
40) 4-Methyl-2-pentanone	7.227	43	376707	54.888	ug/L		99
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50) 1,2-Dibromoethane	8.352	107	43231	5.251	ug/L		97
51) Chlorobenzene	8.876	112	174610	4.950	ug/L		97
52) Ethylbenzene	9.008	91	278029	4.997	ug/L		99
53) m,p-Xylene	9.137	106	108811	5.104	ug/L		97
54) o-Xylene	9.542	106	106631	5.065	ug/L		100
55) Styrene	9.558	104	187652	5.144	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58749	5.322	ug/L		99
59) Bromoform	9.728	173	31759	4.974	ug/L		99
60) Isopropylbenzene	9.927	105	285222	4.831	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	42784	5.072	ug/L		97
62) 1,3,5-Trimethylbenzene	10.535	105	75803	4.559	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	215039	4.626	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	145587	4.956	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	145284	4.943	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	136594	4.922	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.423	75	9575	5.178	ug/L		88
69) 1,3,5-Trichlorobenzene	12.641	180	111064	4.777	ug/L		99
70) 1,2,4-trichlorobenzene	13.259	180	86738	4.665	ug/L		100
71) Naphthalene	13.500	128	137461	4.514	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	81075	4.820	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028109.D
Acq On : 23 Sep 2022 18:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 24 01:29:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/27/2022