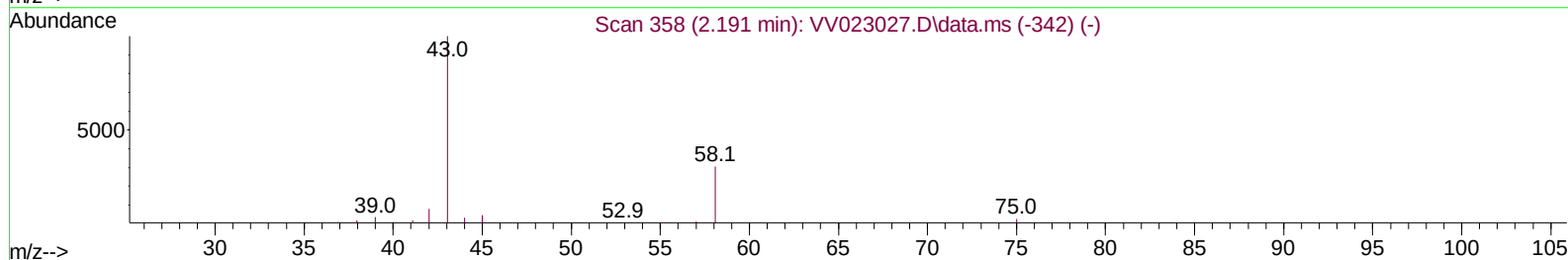
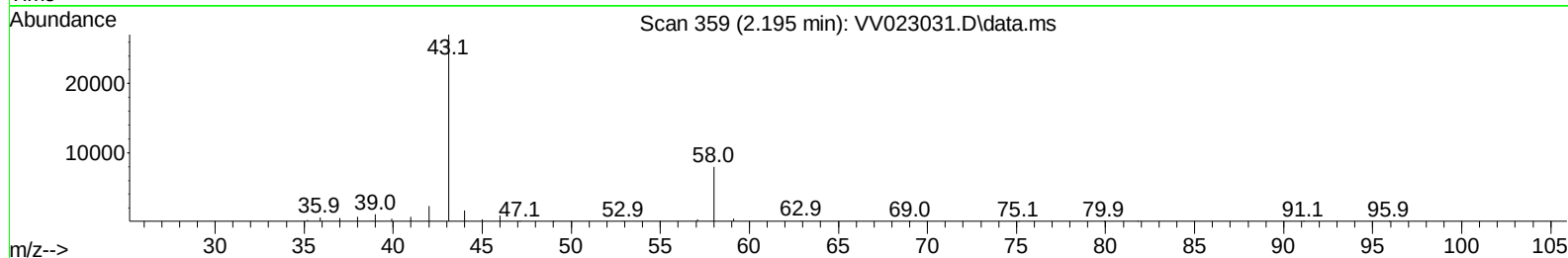
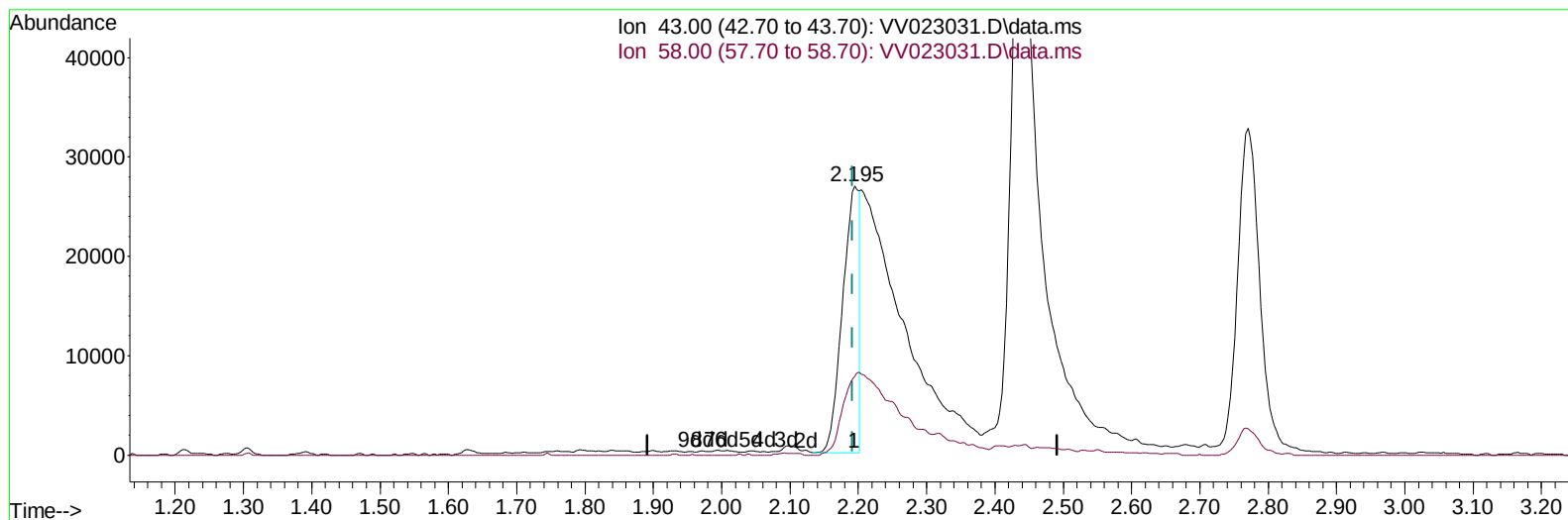


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023031.D
Acq On : 25 Oct 2021 14:00
Operator : SY/MD
Sample : M4070-03MEMSD
Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
Response via : Initial Calibration



TIC: VV023031.D\data.ms

(13) Acetone (T)

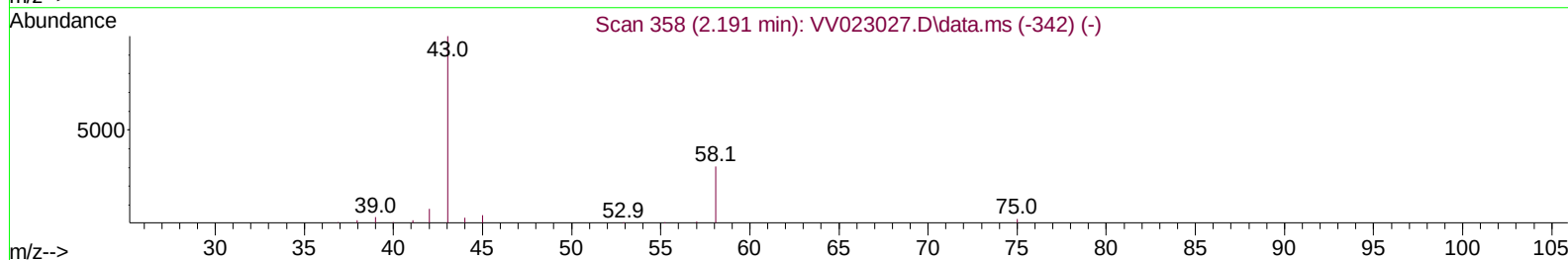
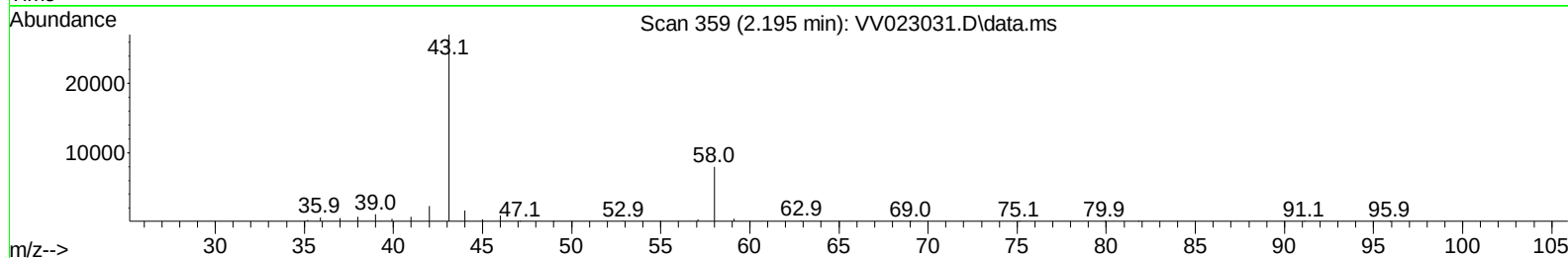
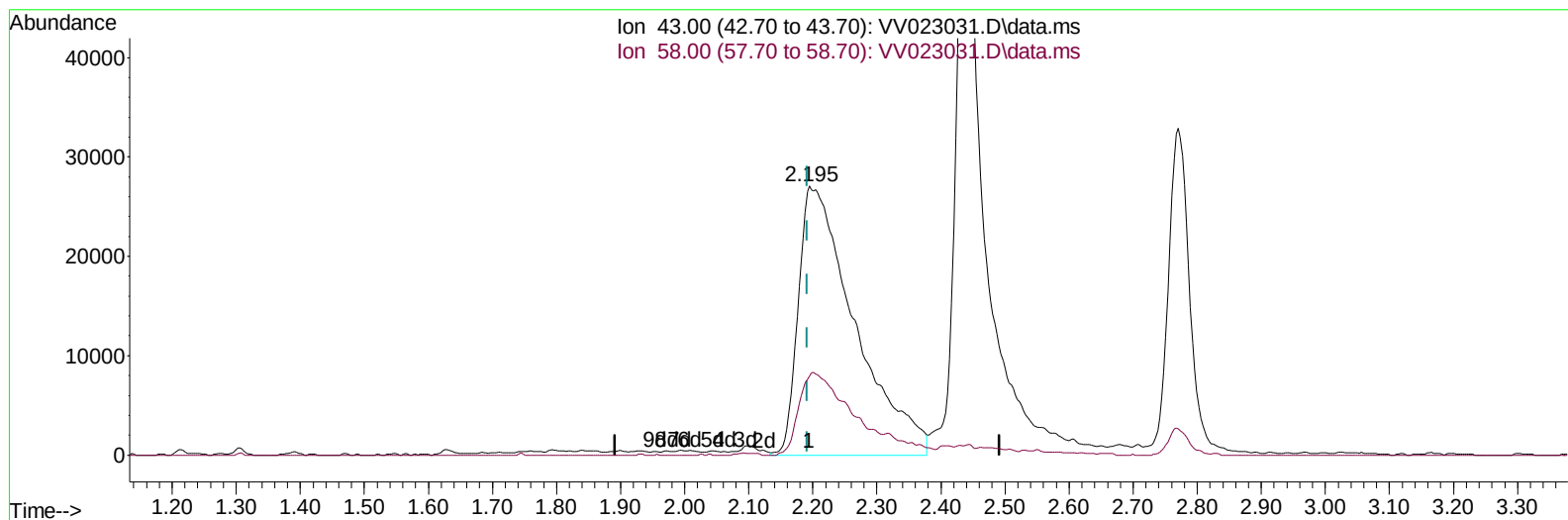
2.195min (+ 0.003) 31.70 ug/L

response 45285

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	71.21#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023031.D
Acq On : 25 Oct 2021 14:00
Operator : SY/MD
Sample : M4070-03MEMSD
Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
Response via : Initial Calibration



TIC: VV023031.D\data.ms

(13) Acetone (T)

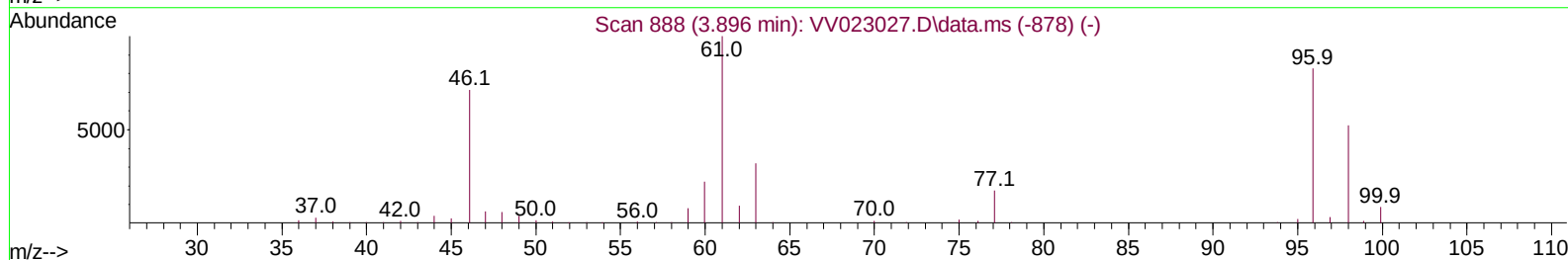
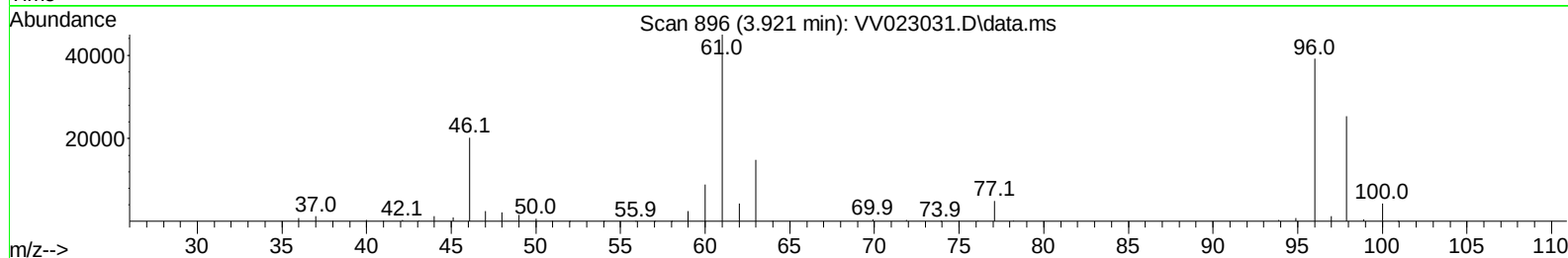
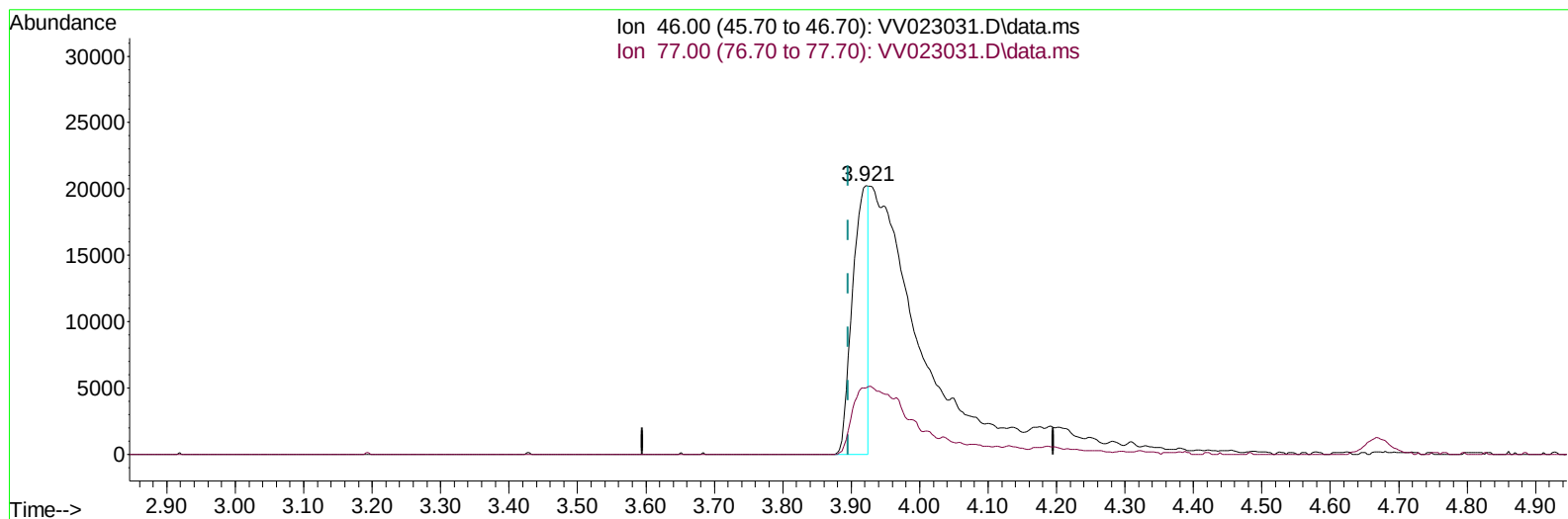
2.195min (+ 0.003) 115.38 ug/L m

response 164832

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	19.56
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023031.D
Acq On : 25 Oct 2021 14:00
Operator : SY/MD
Sample : M4070-03MEMSD
Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
Response via : Initial Calibration



TIC: VV023031.D\data.ms

(21) 2-Butanone-d5 (S)

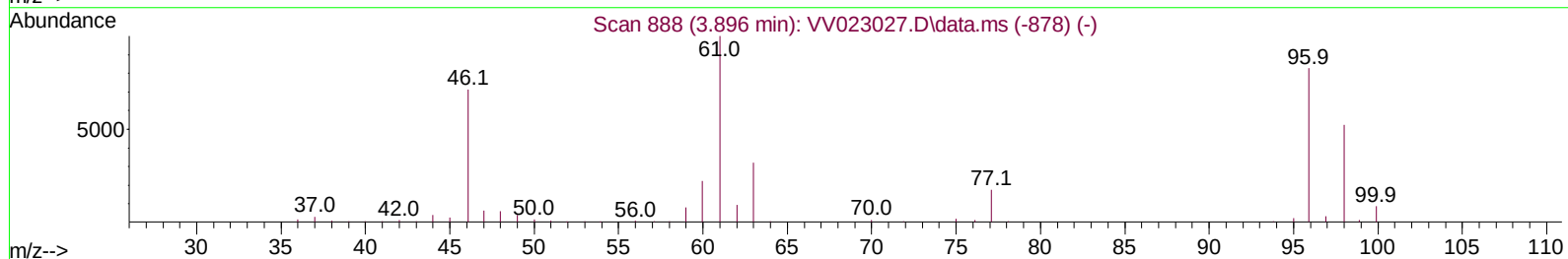
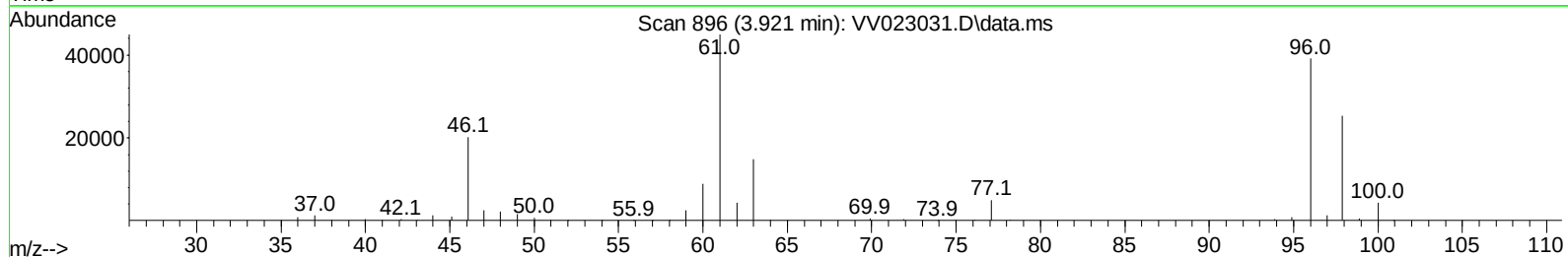
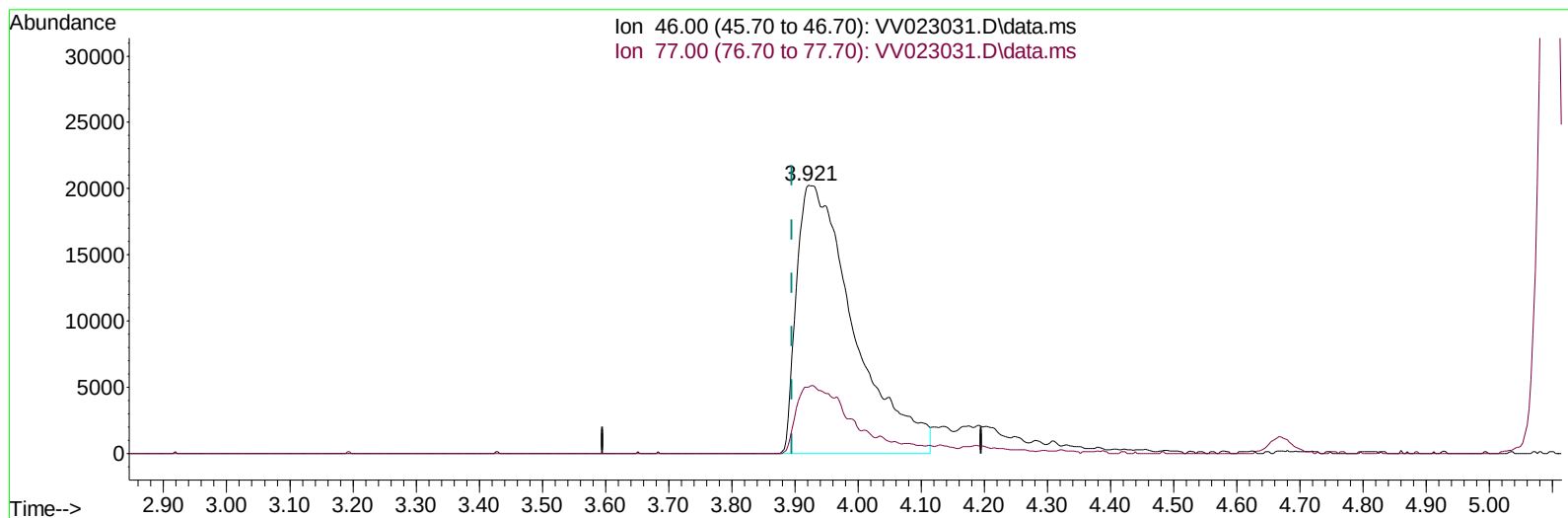
3.921min (+ 0.026) 28.67 ug/L

response 32426

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	22.59
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023031.D
Acq On : 25 Oct 2021 14:00
Operator : SY/MD
Sample : M4070-03MEMSD
Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
Response via : Initial Calibration



TIC: VV023031.D\data.ms

(21) 2-Butanone-d5 (S)

3.921min (+ 0.026) 112.74 ug/L m

response 127497

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	5.75#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023031.D
 Acq On : 25 Oct 2021 14:00
 Operator : SY/MD
 Sample : M4070-03MEMSD
 Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	332206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	333625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81306	39.573	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	79.140%	
7) Chloroethane-d5	1.568	69	49138	30.426	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	60.860%#	
11) 1,1-Dichloroethene-d2	2.092	63	136455	33.683	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	67.360%	
21) 2-Butanone-d5	3.921	46	127497m	112.736	ug/L	0.03
Spiked Amount 100.000	Range 40	- 130	Recovery	=	112.740%	
24) Chloroform-d	4.346	84	180725	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.300%	
26) 1,2-Dichloroethane-d4	5.034	65	108045	49.618	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.240%	
32) Benzene-d6	5.047	84	352550	45.614	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.220%	
36) 1,2-Dichloropropane-d6	6.069	67	111974	47.061	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	94.120%	
41) Toluene-d8	7.317	98	321802	45.390	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.780%	
43) trans-1,3-Dichloroprop...	7.625	79	54461	48.378	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.760%	
47) 2-Hexanone-d5	8.111	63	97079	98.491	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery	=	98.490%	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	157355	47.559	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.120%	
66) 1,2-Dichlorobenzene-d4	11.628	152	135935	45.872	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	91.740%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	116522	35.072	ug/L	99
3) Chloromethane	1.240	50	137503	41.620	ug/L	98
5) Vinyl chloride	1.307	62	123083	39.304	ug/L	99
6) Bromomethane	1.520	94	62455	28.564	ug/L	98
8) Chloroethane	1.584	64	58720	30.745	ug/L	98
9) Trichlorofluoromethane	1.745	101	147071	34.193	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	71705	29.450	ug/L	99
12) 1,1-Dichloroethene	2.102	96	74212	31.980	ug/L	93
13) Acetone	2.195	43	164832m	115.380	ug/L	
14) Carbon disulfide	2.275	76	271510	38.732	ug/L	99
15) Methyl Acetate	2.439	43	150819	57.871	ug/L	99
16) Methylene chloride	2.500	84	147528	50.599	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	120423	47.273	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	403132	51.259	ug/L	99
19) 1,1-Dichloroethane	3.182	63	228849	50.772	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	134785	49.666	ug/L	97
22) 2-Butanone	4.002	43	181523	96.501	ug/L	99
23) Bromochloromethane	4.246	128	75990	50.967	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023031.D
 Acq On : 25 Oct 2021 14:00
 Operator : SY/MD
 Sample : M4070-03MEMSD
 Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 00:56:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	233262	51.428	ug/L	99
27) 1,2-Dichloroethane	5.130	62	173103	52.705	ug/L	100
29) Cyclohexane	4.667	56	168945	43.445	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	187427	44.972	ug/L	99
31) Carbon tetrachloride	4.822	117	155644	42.511	ug/L	98
33) Benzene	5.095	78	508755	49.388	ug/L	100
34) Trichloroethene	5.912	95	127071	47.244	ug/L	97
35) Methylcyclohexane	6.127	83	178991	43.889	ug/L	97
37) 1,2-Dichloropropane	6.172	63	134302	50.921	ug/L	99
38) Bromodichloromethane	6.513	83	170130	49.660	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	205774	51.878	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	370188	99.892	ug/L	97
42) Toluene	7.387	91	544961	50.221	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	199611	52.269	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	136602	50.034	ug/L	98
46) Tetrachloroethene	7.976	164	99926	44.379	ug/L	99
48) 2-Hexanone	8.166	43	297347	104.908	ug/L #	67
49) Dibromochloromethane	8.249	129	148318	50.200	ug/L	99
50) 1,2-Dibromoethane	8.355	107	146256	49.756	ug/L	99
51) Chlorobenzene	8.883	112	358583	49.681	ug/L	99
52) Ethylbenzene	9.014	91	566368	50.150	ug/L	100
53) m,p-Xylene	9.140	106	223942	50.049	ug/L	99
54) o-Xylene	9.545	106	227593	52.208	ug/L	99
55) Styrene	9.564	104	404671	54.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.249	83	209258	49.591	ug/L	100
59) Bromoform	9.738	173	108501	48.288	ug/L	98
60) Isopropylbenzene	9.934	105	562504	48.653	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	169018	48.908	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	484761	49.798	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	503685	52.048	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	291639	49.721	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	295365	48.486	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	292976	48.876	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41725	44.068	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	207135	47.527	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	183644	46.859	ug/L	98
71) Naphthalene	13.503	128	602928	46.720	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	192434	47.507	ug/L	99

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
Data File : VW023031.D
Acq On    : 25 Oct 2021  14:00
Operator  : SY/MD
Sample    : M4070-03MEMSD
Misc      : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial  : 6      Sample Multiplier: 1
```

Quant Time: Oct 26 00:56:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
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