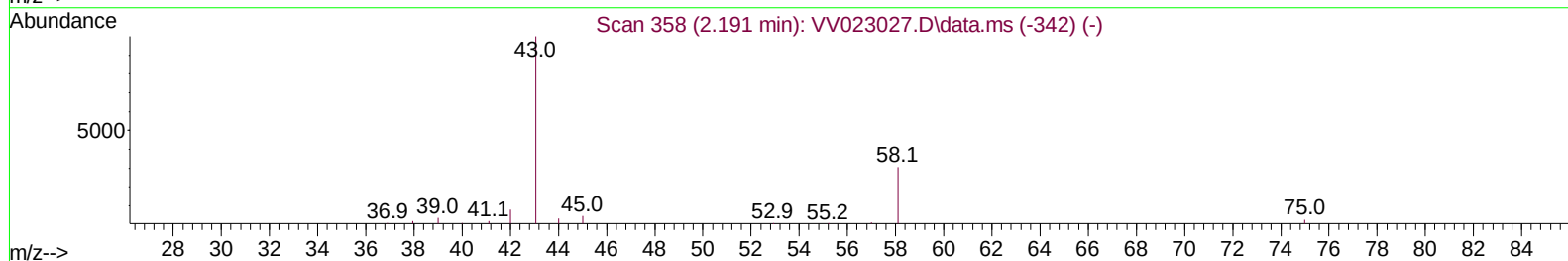
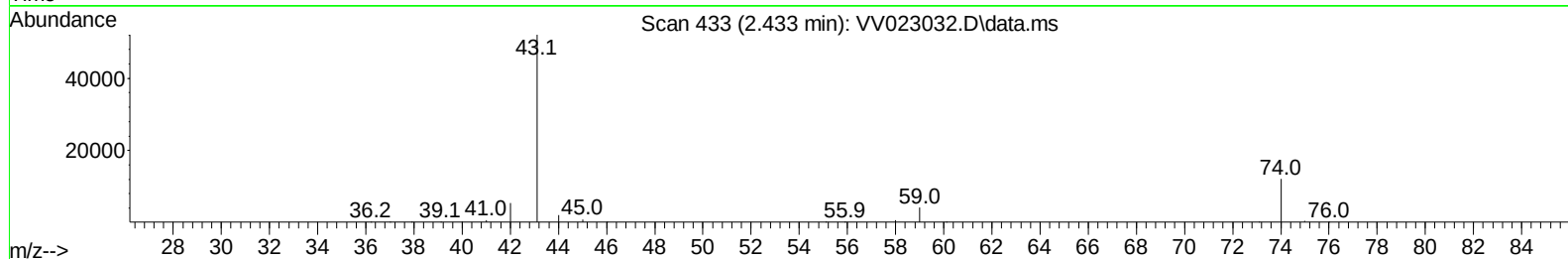
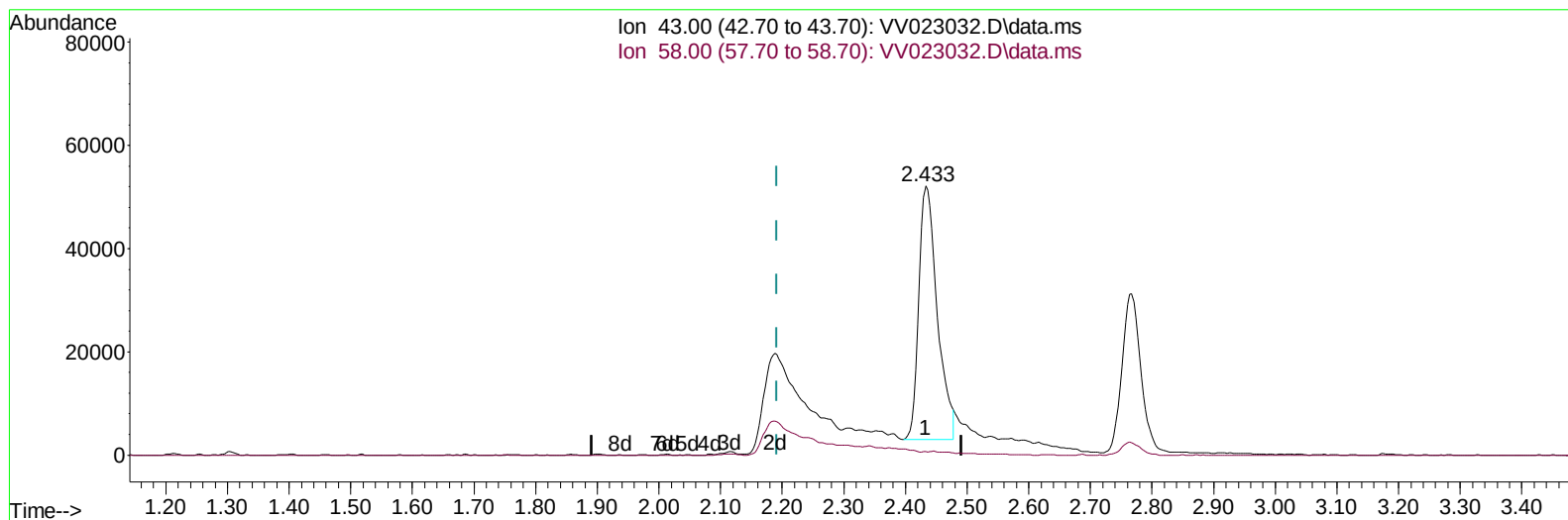


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023032.D
Acq On : 25 Oct 2021 14:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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: VV023032.D\data.ms

(13) Acetone (T)

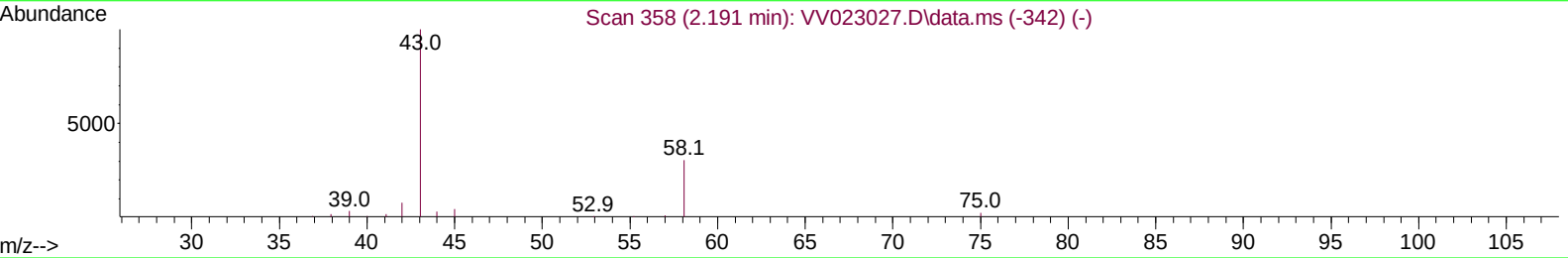
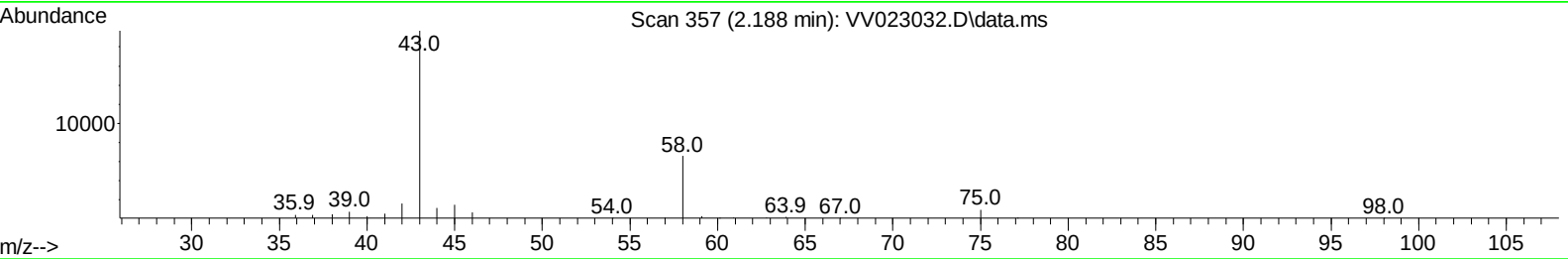
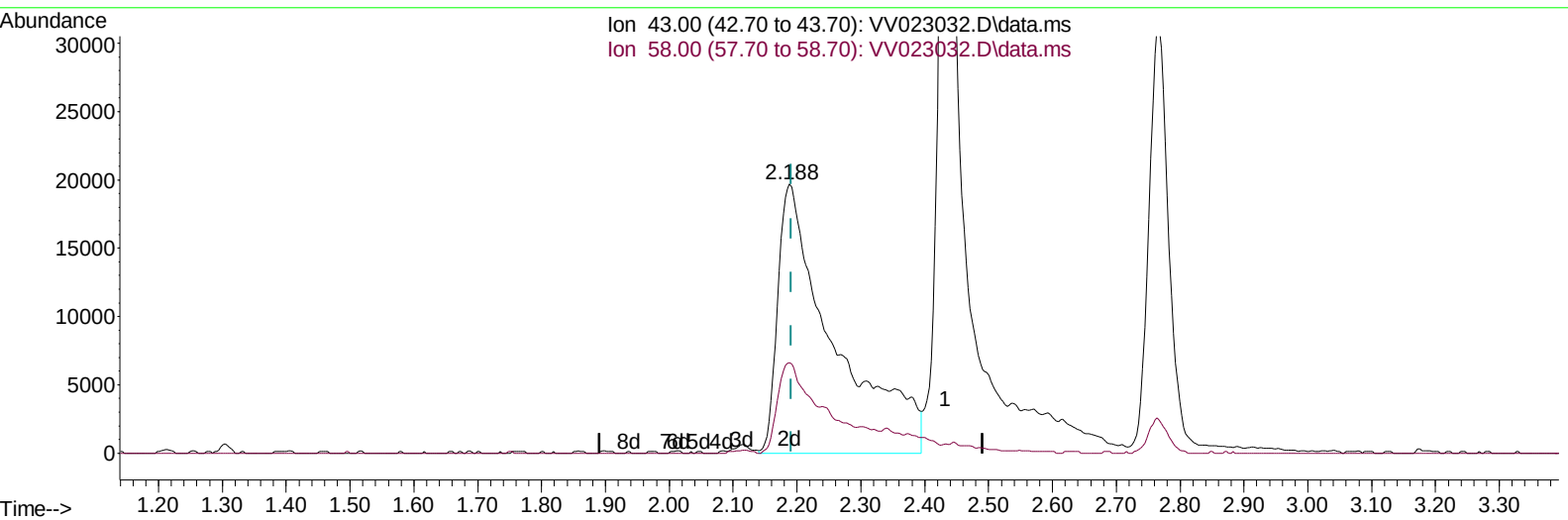
2.433min (+ 0.241) 77.79 ug/L

response 101934

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	0.16
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023032.D
 Acq On : 25 Oct 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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: VV023032.D\data.ms

(13) Acetone (T)

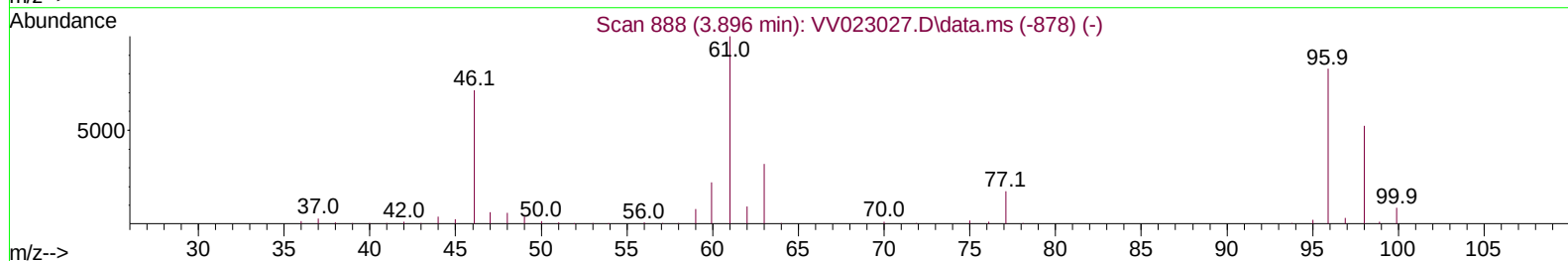
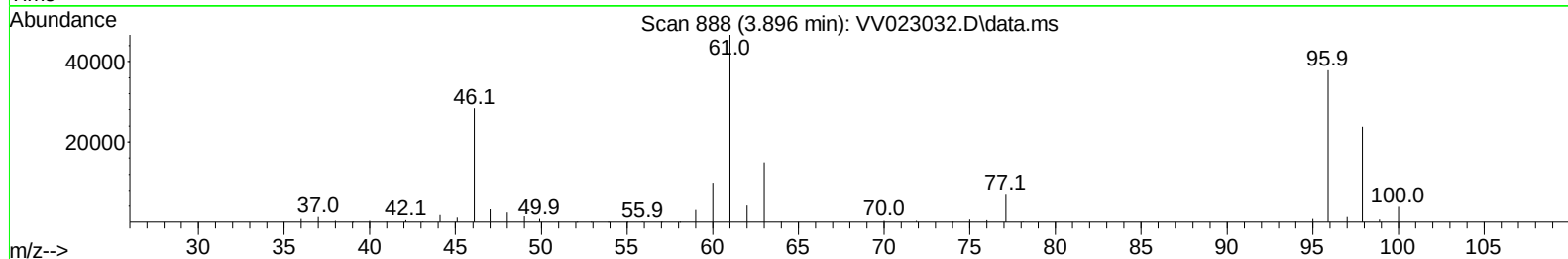
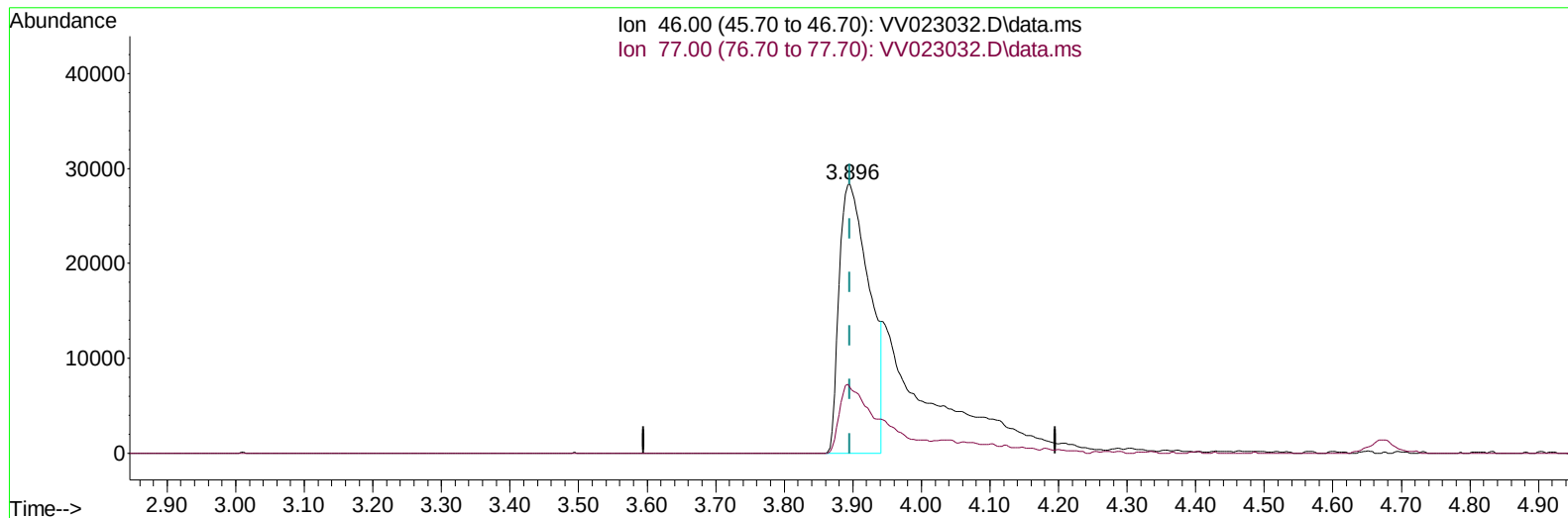
2.188min (-0.003) 91.18 ug/L m

response 119479

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	0.13
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023032.D
Acq On : 25 Oct 2021 14:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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: VV023032.D\data.ms

(21) 2-Butanone-d5 (S)

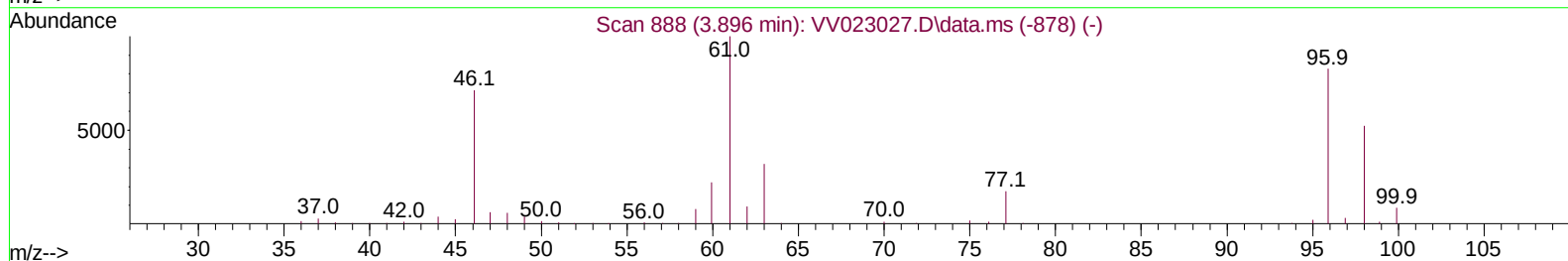
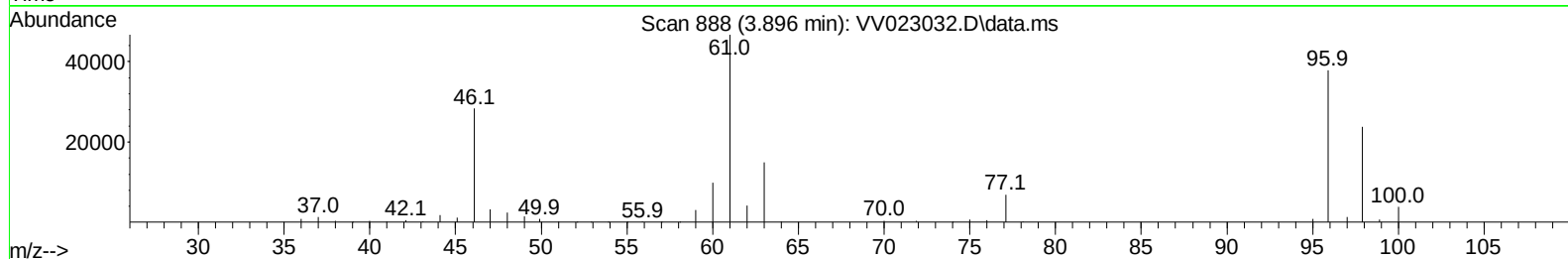
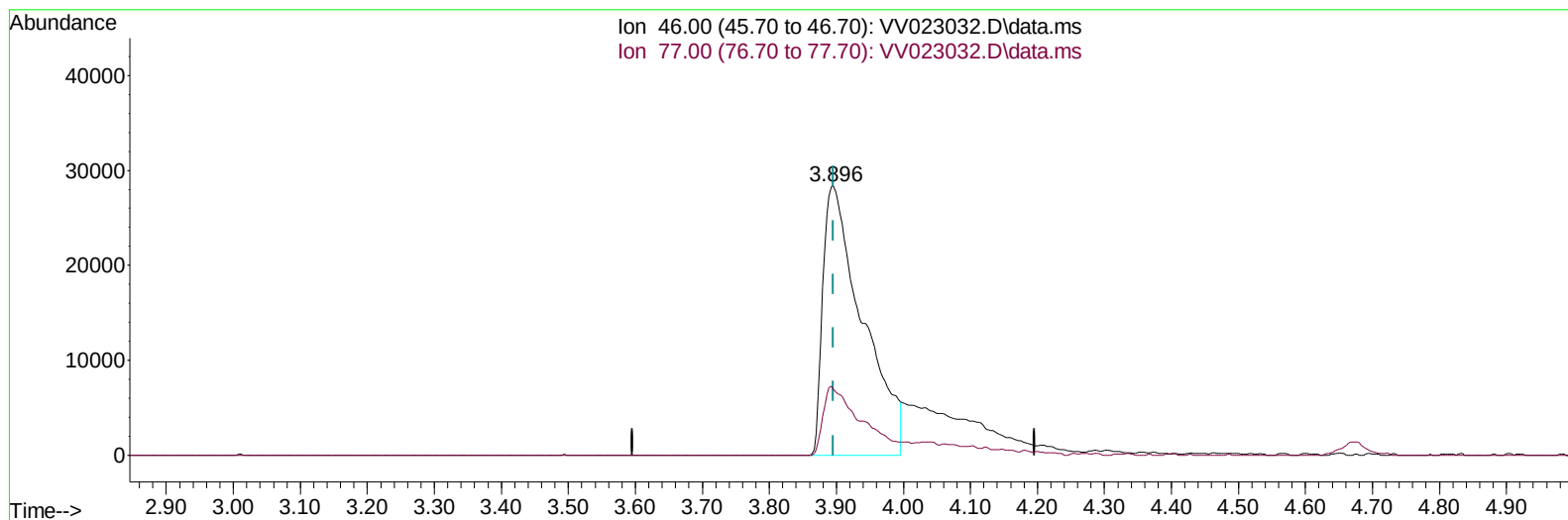
3.896min (+ 0.000) 83.45 ug/L

response 86566

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	23.21
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023032.D
Acq On : 25 Oct 2021 14:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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: VV023032.D\data.ms

(21) 2-Butanone-d5 (S)

3.896min (+ 0.000) 111.80 ug/L m

response 115969

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	17.33#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023032.D
 Acq On : 25 Oct 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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	5.613	114	304707	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	305636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	170491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97717	51.853	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.700%	
7) Chloroethane-d5	1.565	69	67161	45.338	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	90.680%	
11) 1,1-Dichloroethene-d2	2.108	63	150689	40.554	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.100%	
21) 2-Butanone-d5	3.896	46	115969m	111.797	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	111.800%	
24) Chloroform-d	4.346	84	198707	57.713	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.420%	
26) 1,2-Dichloroethane-d4	5.031	65	119700	59.932	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	119.860%	
32) Benzene-d6	5.047	84	391674	55.317	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.640%	
36) 1,2-Dichloropropane-d6	6.066	67	124554	57.142	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	114.280%	
41) Toluene-d8	7.313	98	357744	55.081	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	110.160%	
43) trans-1,3-Dichloroprop...	7.619	79	60452	58.617	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	117.240%	
47) 2-Hexanone-d5	8.088	63	111663	123.662	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	123.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176973	58.387	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	116.780%	
66) 1,2-Dichlorobenzene-d4	11.625	152	155362	55.880	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	124648	40.904	ug/L	99
3) Chloromethane	1.240	50	130406	43.034	ug/L	99
5) Vinyl chloride	1.307	62	122692	42.715	ug/L	99
6) Bromomethane	1.520	94	92466	46.106	ug/L	98
8) Chloroethane	1.584	64	68479	39.090	ug/L	100
9) Trichlorofluoromethane	1.751	101	151408	38.379	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	81277	36.394	ug/L	97
12) 1,1-Dichloroethene	2.114	96	78296	36.785	ug/L	96
13) Acetone	2.188	43	119479m	91.181	ug/L	
14) Carbon disulfide	2.291	76	277633	43.180	ug/L	100
15) Methyl Acetate	2.433	43	108525	45.401	ug/L	100
16) Methylene chloride	2.503	84	133469	49.909	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	112991	48.359	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	373380	51.761	ug/L	98
19) 1,1-Dichloroethane	3.185	63	210570	50.933	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	127167	51.087	ug/L	94
22) 2-Butanone	3.976	43	140496	81.430	ug/L	89
23) Bromochloromethane	4.246	128	71744	52.462	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023032.D
 Acq On : 25 Oct 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 00:56:31 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	4.371	83	217114	52.188	ug/L	99
27) 1,2-Dichloroethane	5.127	62	160796	53.376	ug/L	98
29) Cyclohexane	4.674	56	164243	46.104	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	175848	46.058	ug/L	100
31) Carbon tetrachloride	4.825	117	153078	45.639	ug/L	97
33) Benzene	5.095	78	469977	49.802	ug/L	100
34) Trichloroethene	5.912	95	118724	48.183	ug/L	99
35) Methylcyclohexane	6.130	83	169103	45.261	ug/L	96
37) 1,2-Dichloropropane	6.172	63	124180	51.395	ug/L	99
38) Bromodichloromethane	6.506	83	163940	52.235	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	193952	53.375	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	345339	101.721	ug/L	99
42) Toluene	7.384	91	503192	50.618	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	186726	53.372	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	128296	51.295	ug/L	99
46) Tetrachloroethene	7.973	164	95901	46.492	ug/L	99
48) 2-Hexanone	8.140	43	264537	101.879	ug/L	98
49) Dibromochloromethane	8.246	129	140280	51.828	ug/L	100
50) 1,2-Dibromoethane	8.352	107	138992	51.614	ug/L	99
51) Chlorobenzene	8.879	112	333378	50.419	ug/L	99
52) Ethylbenzene	9.011	91	524814	50.726	ug/L	100
53) m,p-Xylene	9.137	106	208736	50.923	ug/L	100
54) o-Xylene	9.545	106	206452	51.695	ug/L	97
55) Styrene	9.561	104	371007	54.134	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	199716	51.663	ug/L	99
59) Bromoform	9.731	173	104443	49.543	ug/L	99
60) Isopropylbenzene	9.931	105	525048	48.404	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	158278	48.816	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	443538	48.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	464869	51.200	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	274481	49.877	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	279851	48.964	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	281799	50.107	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	41523	46.742	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	207673	50.788	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	187101	50.884	ug/L	100
71) Naphthalene	13.503	128	611976	50.544	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	200358	52.720	ug/L	99

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

TIC: VV023032.D\data.ms

The chromatogram displays a series of sharp peaks corresponding to various compounds. Key peaks include:

- Acetone, T
- Methyl acetate, T
- Carbon disulfide, T
- Methylene chloride, T
- 1,1-Dichloroethane, T
- 1,2-Dichloroethane, T
- Benzene, T
- Toluene, T
- Ethylbenzene, T
- m,p-Xylene, T
- o-Xylene, T
- Styrene, T
- Isopropylbenzene
- 1,3,5-Trimethylbenzene
- 1,2,4-Trimethylbenzene
- 1,3-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,3-Trichlorobenzene
- 1,2,4-trichlorobenzene, T
- 1,2,3-Trichlorobenzene, T
- Naphthalene