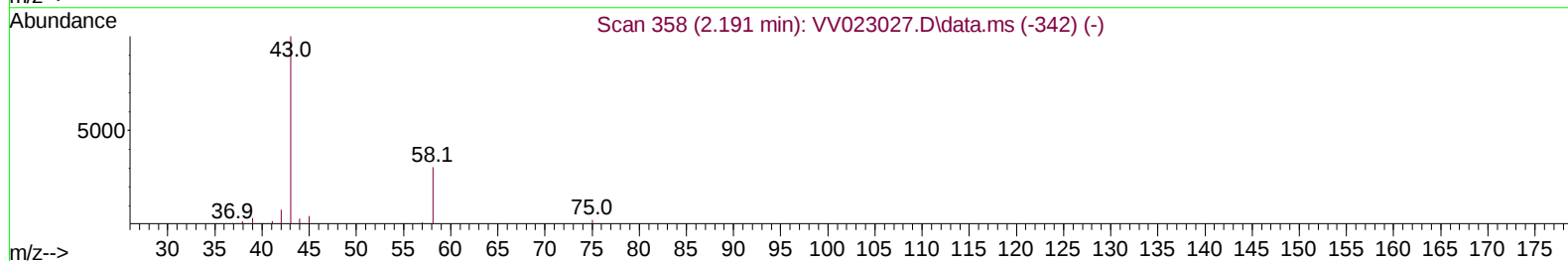
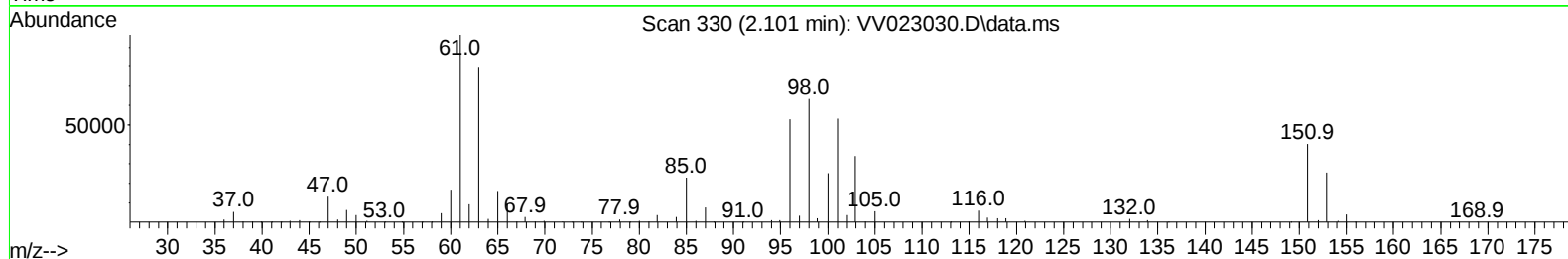
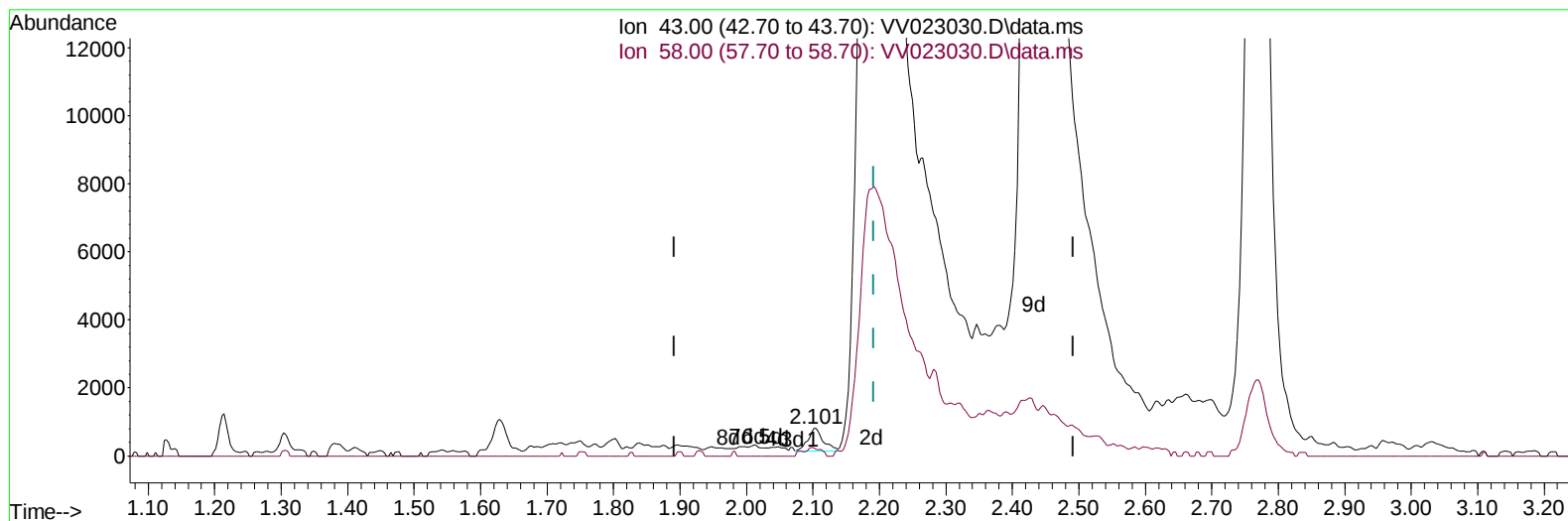


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023030.D
 Acq On : 25 Oct 2021 13:36
 Operator : SY/MD
 Sample : M4070-02MEMS
 Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 00:55:45 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: VV023030.D\data.ms

(13) Acetone (T)

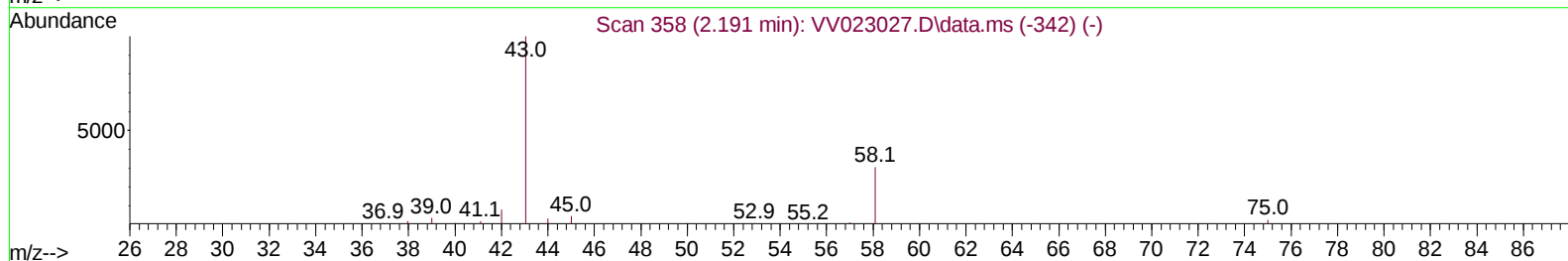
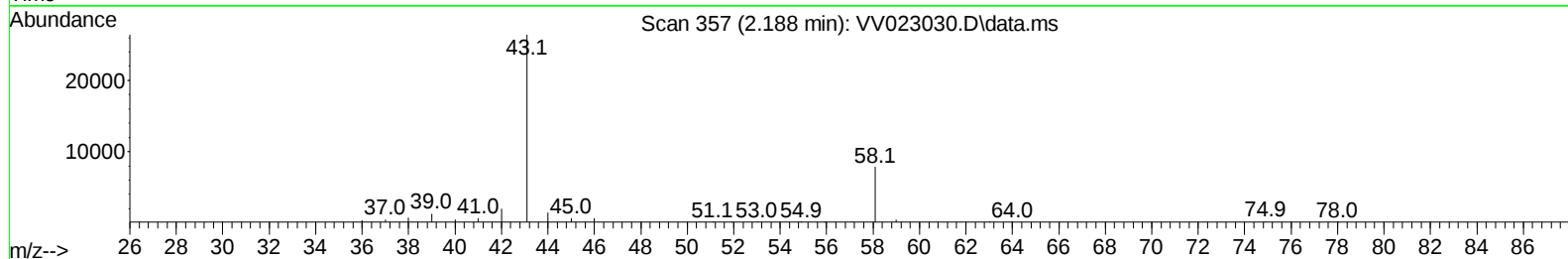
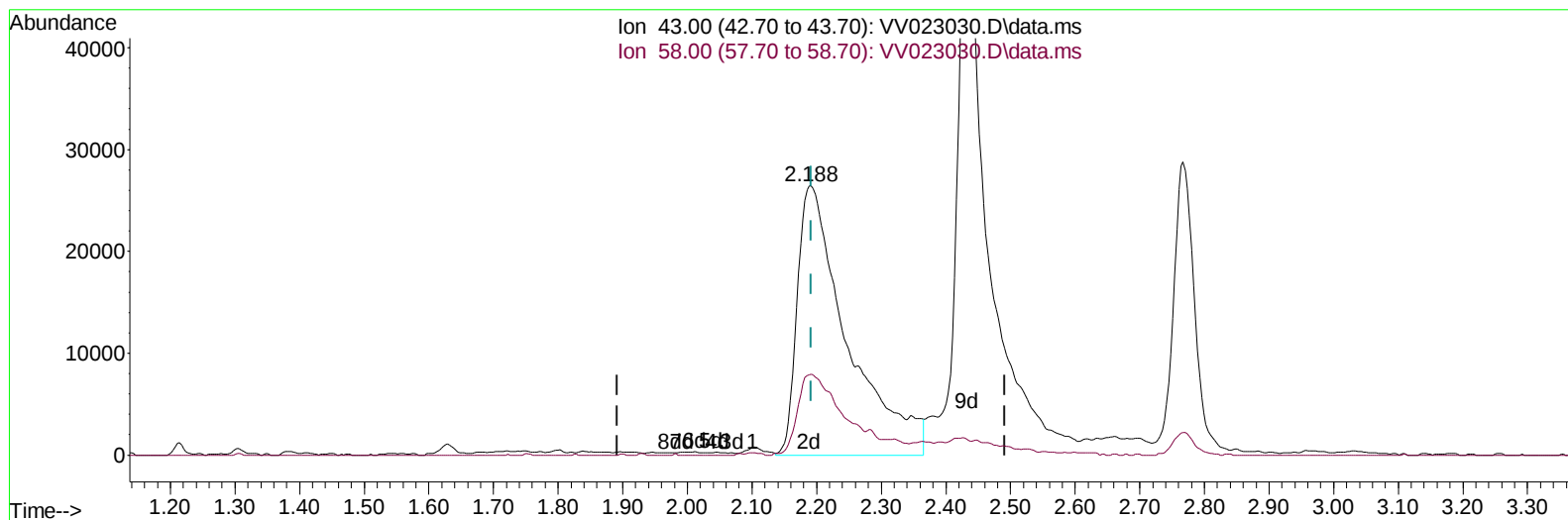
2.101min (-0.090) 0.87 ug/L

response 1085

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	11.61
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
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 Quant Title : VOC Analysis
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TIC: VV023030.D\data.ms

(13) Acetone (T)

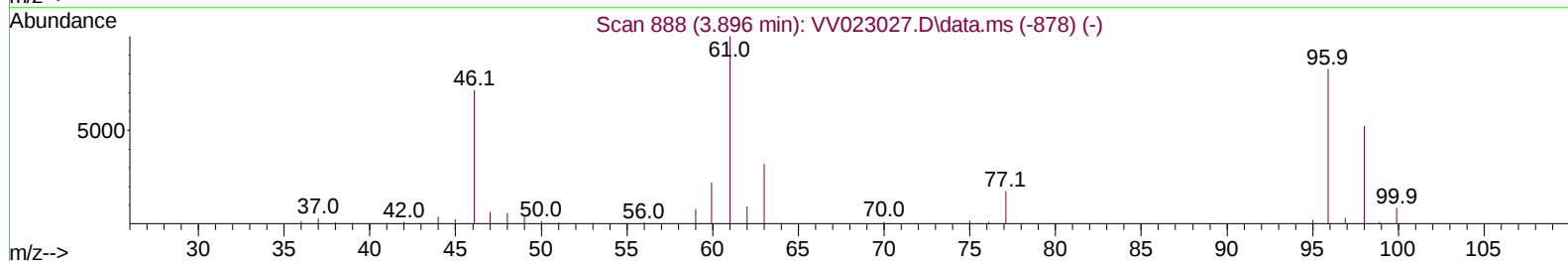
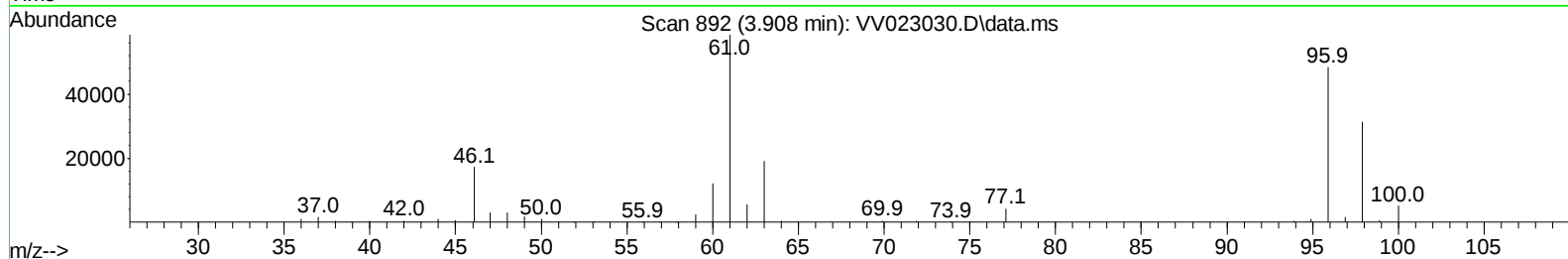
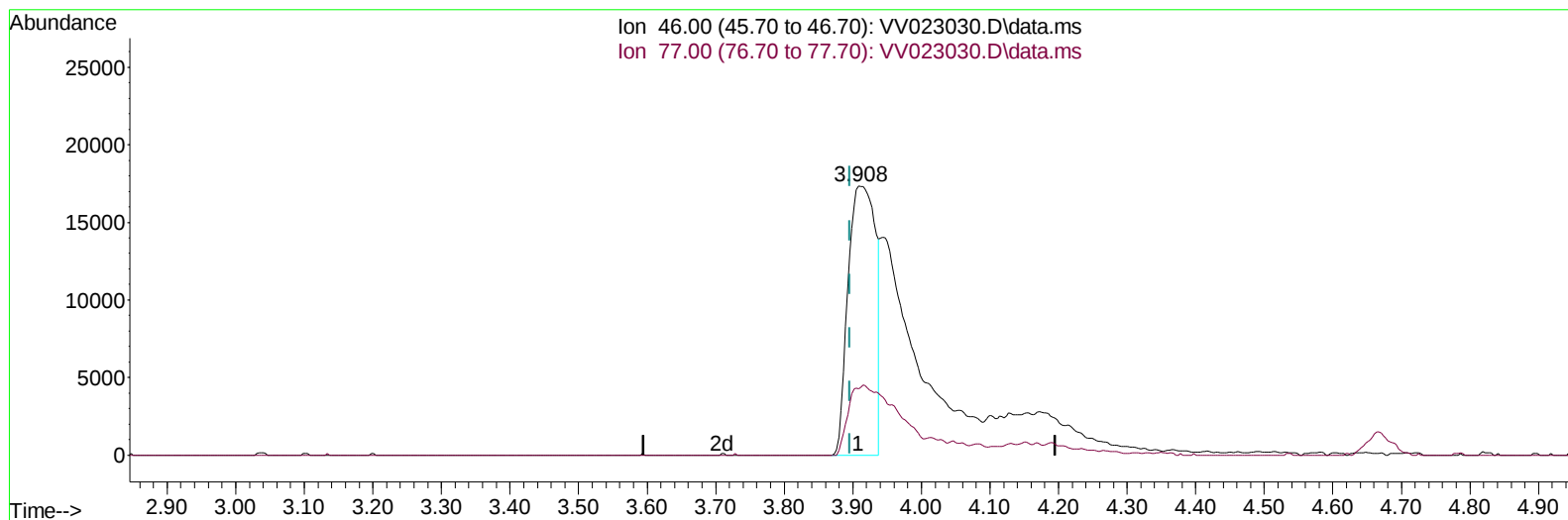
2.188min (-0.003) 113.73 ug/L m

response 141863

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	0.09
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
Data File : VV023030.D
Acq On : 25 Oct 2021 13:36
Operator : SY/MD
Sample : M4070-02MEMS
Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 00:55:45 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



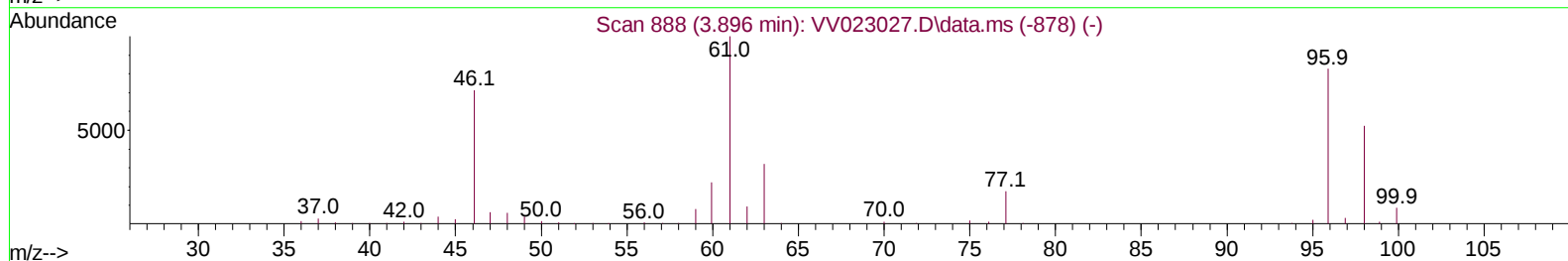
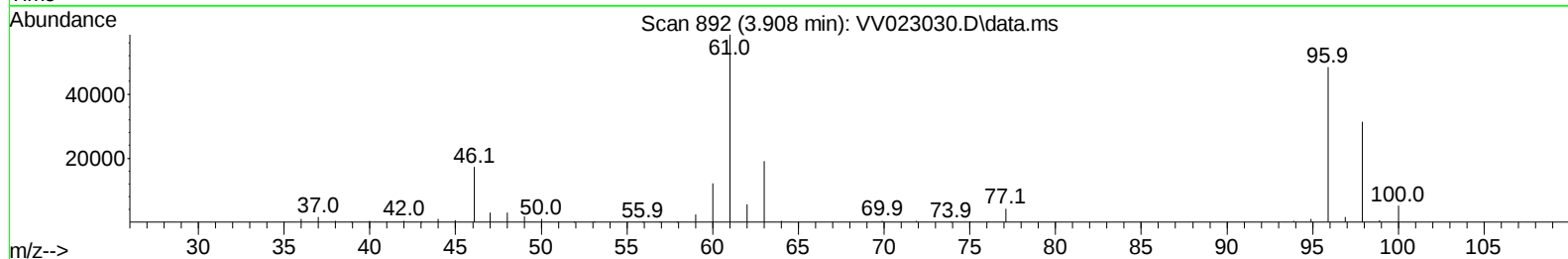
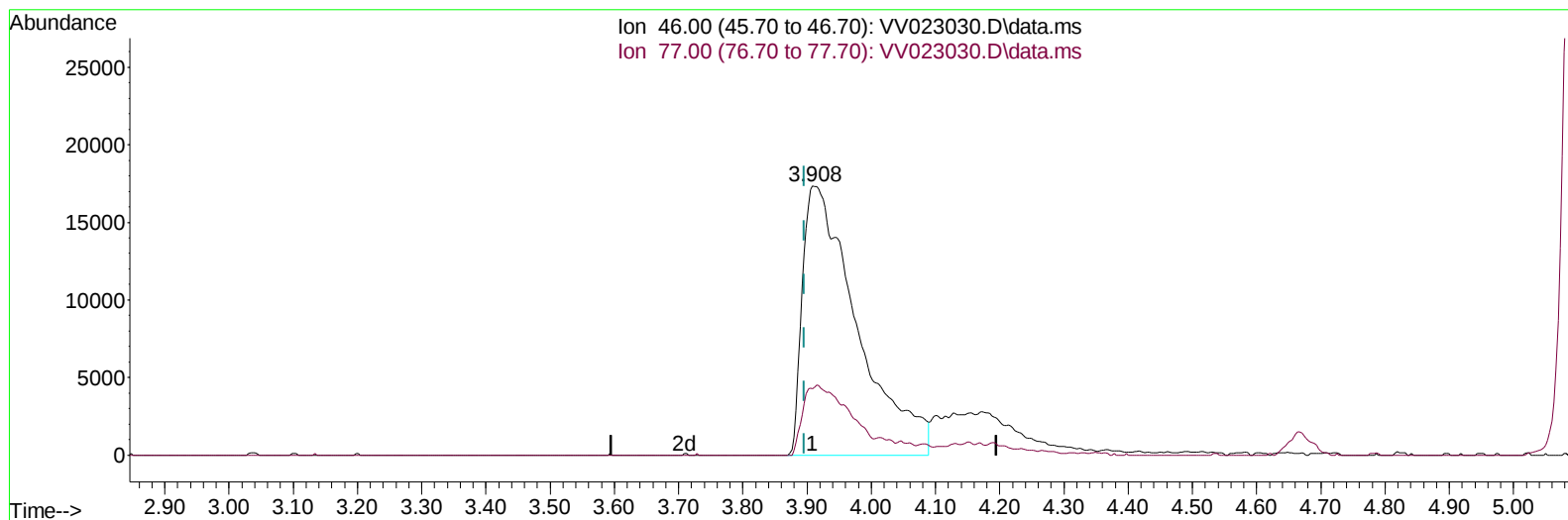
TIC: VV023030.D\data.ms

(21) 2-Butanone-d5 (S)**3.908min (+ 0.013) 49.17 ug/L****response 48554**

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	10.86#
0.00	0.00	0.00
0.00	0.00	0.00

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Operator : SY/MD
Sample : M4070-02MEMS
Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 00:55:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
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TIC: VV023030.D\data.ms

(21) 2-Butanone-d5 (S)**3.908min (+ 0.013) 103.60 ug/L m****response 102298**

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	5.16#
0.00	0.00	0.00
0.00	0.00	0.00

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	290065	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	282013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	159282	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81709	45.547	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	91.100%	
7) Chloroethane-d5	1.565	69	43513	30.857	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	61.720%#	
11) 1,1-Dichloroethene-d2	2.095	63	142475	40.279	ug/L	-0.01
Spiked Amount 50.000	Range 60	- 125	Recovery	=	80.560%	
21) 2-Butanone-d5	3.908	46	102298m	103.596	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	103.600%	
24) Chloroform-d	4.346	84	156743	47.823	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	95.640%	
26) 1,2-Dichloroethane-d4	5.031	65	92923	48.873	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.740%	
32) Benzene-d6	5.047	84	315211	48.247	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.500%	
36) 1,2-Dichloropropane-d6	6.069	67	98712	49.079	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	98.160%	
41) Toluene-d8	7.313	98	290029	48.395	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.622	79	45941	48.278	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.560%	
47) 2-Hexanone-d5	8.111	63	83997	100.815	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery	=	100.820%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	139944	50.038	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	100.080%	
66) 1,2-Dichlorobenzene-d4	11.628	152	118377	45.574	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	91.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128472	44.287	ug/L	99
3) Chloromethane	1.240	50	124916	43.304	ug/L	100
5) Vinyl chloride	1.311	62	125917	46.050	ug/L	100
6) Bromomethane	1.520	94	57246	29.986	ug/L	100
8) Chloroethane	1.584	64	51086	30.634	ug/L	97
9) Trichlorofluoromethane	1.745	101	154541	41.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	89491	42.095	ug/L	100
12) 1,1-Dichloroethene	2.105	96	80832	39.893	ug/L	94
13) Acetone	2.188	43	141863m	113.728	ug/L	
14) Carbon disulfide	2.278	76	261936	42.795	ug/L	100
15) Methyl Acetate	2.433	43	158747	69.763	ug/L	91
16) Methylene chloride	2.500	84	128825	50.604	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	110520	49.689	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	346037	50.392	ug/L	98
19) 1,1-Dichloroethane	3.182	63	203795	51.782	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	120121	50.693	ug/L	99
22) 2-Butanone	3.989	43	147217	89.633	ug/L	98
23) Bromochloromethane	4.243	128	65378	50.220	ug/L	90

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.371	83	205718	51.945	ug/L	98
27) 1,2-Dichloroethane	5.127	62	148234	51.690	ug/L	98
29) Cyclohexane	4.671	56	178449	54.287	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	176016	49.964	ug/L	99
31) Carbon tetrachloride	4.822	117	152743	49.353	ug/L	98
33) Benzene	5.095	78	453530	52.084	ug/L	100
34) Trichloroethene	5.912	95	115853	50.957	ug/L	99
35) Methylcyclohexane	6.127	83	202739	58.809	ug/L	97
37) 1,2-Dichloropropane	6.172	63	117967	52.913	ug/L	99
38) Bromodichloromethane	6.510	83	148019	51.113	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	174295	51.984	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	322428	102.927	ug/L	97
42) Toluene	7.387	91	491652	53.600	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	172725	53.506	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	118135	51.189	ug/L	99
46) Tetrachloroethene	7.976	164	94250	49.519	ug/L	97
48) 2-Hexanone	8.156	43	262584	109.598	ug/L	98
49) Dibromochloromethane	8.249	129	129308	51.776	ug/L	100
50) 1,2-Dibromoethane	8.352	107	126621	50.959	ug/L	96
51) Chlorobenzene	8.883	112	321379	52.676	ug/L	99
52) Ethylbenzene	9.011	91	515223	53.970	ug/L	99
53) m,p-Xylene	9.140	106	207584	54.884	ug/L	100
54) o-Xylene	9.545	106	204770	55.569	ug/L	98
55) Styrene	9.561	104	355479	56.213	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	186042	52.158	ug/L	98
59) Bromoform	9.735	173	95455	48.466	ug/L	98
60) Isopropylbenzene	9.934	105	518876	51.201	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	150502	49.684	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	441426	51.733	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	464467	54.756	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	261689	50.899	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	267313	50.062	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	261021	49.678	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	36762	44.295	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	191095	50.023	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	165664	48.225	ug/L	100
71) Naphthalene	13.503	128	541530	47.873	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	170229	47.944	ug/L	100

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

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