LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

Signal : TIC: VV022493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	26	rBV	30283	25981	0.02%	0.011%
2	1.304	72	82	108	rBV2	26721138	36166741	28.78%	14.966%
3	1.413	110	116	126	rVB	308293	327807	0.26%	0.136%
4	1.564	157	163	175	rVB	94726	110478	0.09%	0.046%
5	1.773	223	228	235	rVB2	9273	11136	0.01%	0.005%
6	1.838	240	248	264	rVB	561406	685989	0.55%	0.284%
7	2.027	297	307	322	rBV	957331	1277342	1.02%	0.529%
8	2.117	322	335	356	rBV	7752815	11366184	9.05%	4.703%
9	2.506	446	456	472	rVB	111928	183578	0.15%	0.076%
10	2.760	523	535	557	rBV	532115	920712	0.73%	0.381%
11	2.960	589	597	611	rVB3	5741	12232	0.01%	0.005%
12	3.188	651	668	702	rBV	3608687	7563500	6.02%	3.130%
13	3.580	778	790	813	rVB5	17205	42594	0.03%	0.018%
14	3.818	851	864	873	rBV3	25265	63734	0.05%	0.026%
15	3.921	874	896	994	rVV3	45939074	125647687	100.00%	51.994%
16	4.349	1017	1029	1050	rBV2	118479	288041	0.23%	0.119%
17	4.612	1090	1111	1141	rBV	6380385	15422409	12.27%	6.382%
18	5.047	1229	1246	1259	rBV2	280099	722461	0.57%	0.299%
19	5.124	1261	1270	1295	rVB3	217414	524588	0.42%	0.217%
20	5.551	1394	1403	1406	rBV3	2369	3512	0.00%	0.001%
21	5.616	1412	1423	1451	rBV	281155	562089	0.45%	0.233%
22	5.915	1489	1516	1551	rBV2	6623235	14128590	11.24%	5.847%
23	6.072	1555	1565	1591	rVB	159238	336856	0.27%	0.139%
24	6.654	1737	1746	1757	rVB4	13147	23148	0.02%	0.010%
25	6.989	1839	1850	1866	rBV	88556	161803	0.13%	0.067%
26	7.236	1915	1927	1939	rBV3	14461	30768	0.02%	0.013%
27	7.317	1941	1952	1964	rBV	346132	585274	0.47%	0.242%
28	7.387	1964	1974	1990	rVB	562521	944569	0.75%	0.391%
29	7.471	1992	2000	2011	rBV	50148	87236	0.07%	0.036%
30	7.622	2036	2047	2067	rVB2	61258	113765	0.09%	0.047%
31	7.841	2104	2115	2135	rBV	134132	240135	0.19%	0.099%
32	7.934	2136	2144	2155	rVV	32567	53556	0.04%	0.022%
33	8.091	2181	2193	2221	rBV	163334	342711	0.27%	0.142%
34	8.448	2297	2304	2307	rVV6	2915	3788	0.00%	0.002%
35	8.484	2308	2315	2327	rVV	15198	25608	0.02%	0.011%
36	8.715	2375	2387	2395	rBV	30881	58613	0.05%	0.024%

LSC Area Percent Report

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

37	8.773	2397	2405	2419	rVV2	77153	132664	0.11%	0.055%
38	8.853	2419	2430	2453	rVV	441756	719873	0.57%	0.298%
39	9.014	2469	2480	2504	rVB	1630122	2498663	1.99%	1.034%
40	9.140	2505	2519	2536	rVV	6861856	10800013	8.60%	4.469%
41	9.226	2537	2546	2567	rVB	92231	180834	0.14%	0.075%
42	9.394	2591	2598	2601	rBV5	3035	3973	0.00%	0.002%
43	9.474	2615	2623	2627	rBV6	4505	6362	0.01%	0.003%
44	9.545	2633	2645	2660	rBV	3277979	5022672	4.00%	2.078%
45	9.718	2693	2699	2706	rBV4	1978	3036	0.00%	0.001%
46	9.934	2752	2766	2778	rBV2	53812	88767	0.07%	0.037%
47	10.017	2778	2792	2806	rBV	253603	411829	0.33%	0.170%
48	10.091	2808	2815	2827	rVB2	12697	22597	0.02%	0.009%
49	10.217	2844	2854	2865	rBV	232109	363650	0.29%	0.150%
50	10.358	2888	2898	2905	rBV3	31202	52121	0.04%	0.022%
51	10.410	2905	2914	2921	rVV3	28057	52847	0.04%	0.022%
52	10.541	2947	2955	2964	rBV	14938	21999	0.02%	0.009%
53	10.641	2981	2986	2995	rVB5	3218	3961	0.00%	0.002%
54	10.741	3005	3017	3027	rBV	8979	13543	0.01%	0.006%
55	10.857	3046	3053	3060	rVB7	1655	2687	0.00%	0.001%
56	10.918	3060	3072	3079	rBV	31779	50147	0.04%	0.021%
57	11.024	3096	3105	3119	rVB3	19070	29397	0.02%	0.012%
58	11.091	3120	3126	3135	rVB6	5569	8006	0.01%	0.003%
59	11.188	3148	3156	3164	rVB9	6886	12043	0.01%	0.005%
60	11.249	3164	3175	3196	rBV	490767	772430	0.61%	0.320%
61	11.342	3196	3204	3215	rVB2	13002	24181	0.02%	0.010%
62	11.532	3253	3263	3280	rBV3	44968	79488	0.06%	0.033%
63	11.625	3281	3292	3308	rVV	358173	559975	0.45%	0.232%
64	11.879	3363	3371	3380	rBV5	9368	14555	0.01%	0.006%
65	11.972	3391	3400	3410	rBV2	27141	40461	0.03%	0.017%
66	12.017	3411	3414	3421	rVB6	2293	2471	0.00%	0.001%
67	12.072	3421	3431	3439	rBV6	6365	10385	0.01%	0.004%
68	12.156	3441	3457	3472	rVV	164288	254644	0.20%	0.105%
69	12.384	3519	3528	3534	rBV	9550	16356	0.01%	0.007%
70	12.477	3548	3557	3567	rVB	18734	29743	0.02%	0.012%
71	12.602	3589	3596	3600	rBV5	2079	2361	0.00%	0.001%
72	12.641	3600	3608	3615	rVV8	3525	5268	0.00%	0.002%
73	12.721	3627	3633	3642	rVB8	3889	6862	0.01%	0.003%
74	12.831	3657	3667	3676	rBV2	36210	57367	0.05%	0.024%
75	12.889	3676	3685	3694	rVV4	10869	18406	0.01%	0.008%
76	12.953	3694	3705	3718	rVB7	6172	12456	0.01%	0.005%

LSC Area Percent Report

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Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

77	13.136	3756	3762	3765	rBV4	7392	8444	0.01% 0.003%
78	13.217	3779	3787	3796	rVB6	3545	5479	0.00% 0.002%
79	13.274	3796	3805	3810	rBV8	3808	4820	0.00% 0.002%
80	13.336	3815	3824	3830	rBV7	6577	10395	0.01% 0.004%
81	13.512	3866	3879	3886	rVV4	7508	13161	0.01% 0.005%
82	13.570	3889	3897	3904	rVV9	2690	4969	0.00% 0.002%
83	13.619	3904	3912	3926	rVB8	9837	17811	0.01% 0.007%
84	13.709	3930	3940	3950	rBV7	8752	16683	0.01% 0.007%
85	13.776	3956	3961	3967	rVB6	2196	2730	0.00% 0.001%
86	13.818	3967	3974	3981	rVB7	1583	2373	0.00% 0.001%
87	13.901	3998	4000	4012	rVB7	2669	4124	0.00% 0.002%
88	14.094	4051	4060	4072	rBV8	5823	11492	0.01% 0.005%
89	14.233	4098	4103	4110	rVB5	1707	2245	0.00% 0.001%
90	14.291	4115	4121	4133	rVB8	3595	6364	0.01% 0.003%
91	14.358	4133	4142	4151	rBV7	6336	8766	0.01% 0.004%
92	14.435	4155	4166	4173	rBV9	3704	6530	0.01% 0.003%
93	14.483	4174	4181	4190	rVB7	6549	10064	0.01% 0.004%
94	14.615	4215	4222	4223	rBV3	2814	2626	0.00% 0.001%
95	14.686	4236	4244	4255	rVB10	6620	12250	0.01% 0.005%
96	14.821	4276	4286	4297	rVB3	7115	11587	0.01% 0.005%
97	14.882	4297	4305	4308	rBV7	1998	2708	0.00% 0.001%
98	15.680	4544	4553	4561	rVB9	4624	7266	0.01% 0.003%
99	15.811	4588	4594	4603	rBV7	3630	6165	0.00% 0.003%
100	16.004	4646	4654	4661	rVB8	2221	3291	0.00% 0.001%

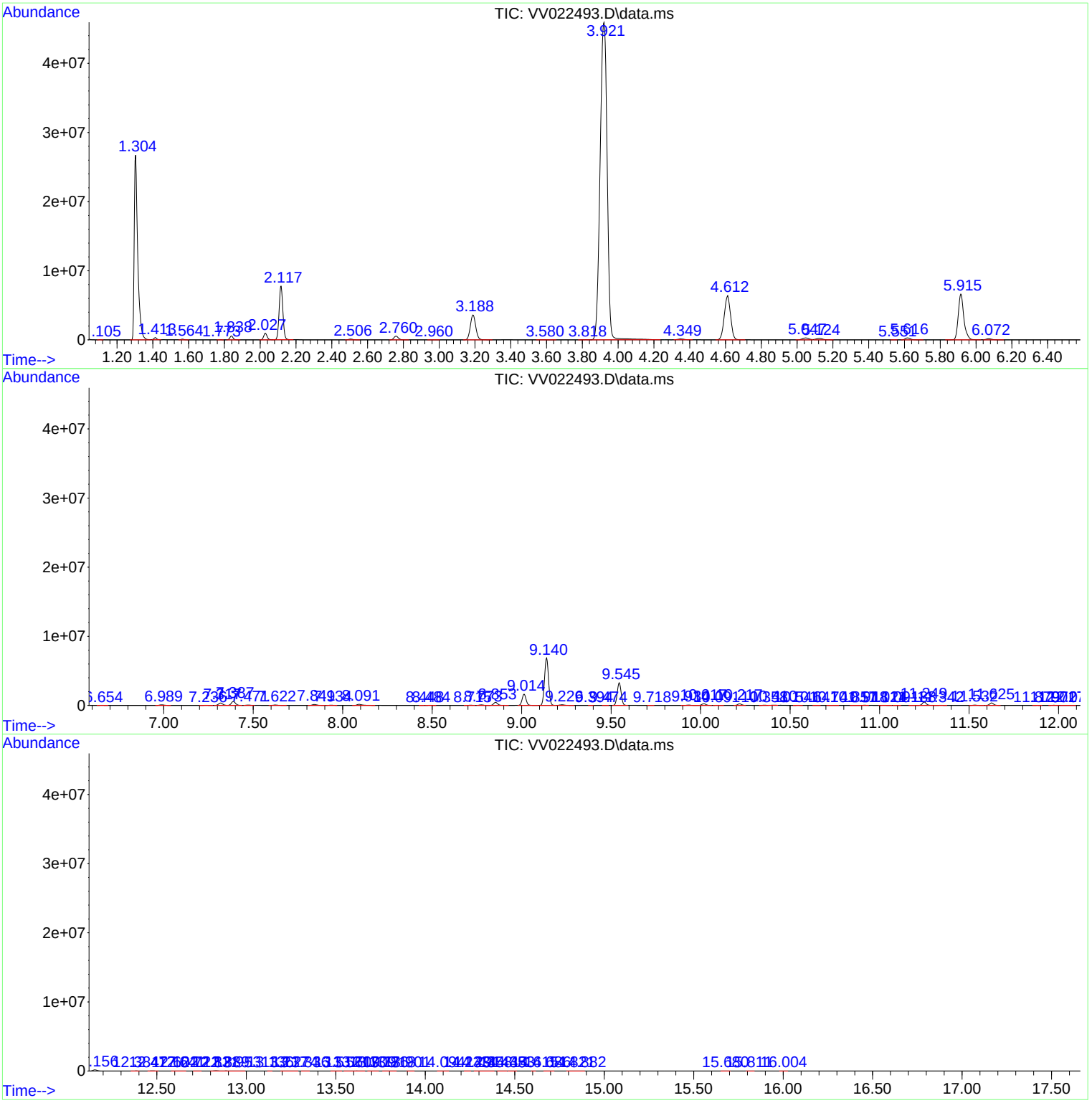
Sum of corrected areas: 241656651

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

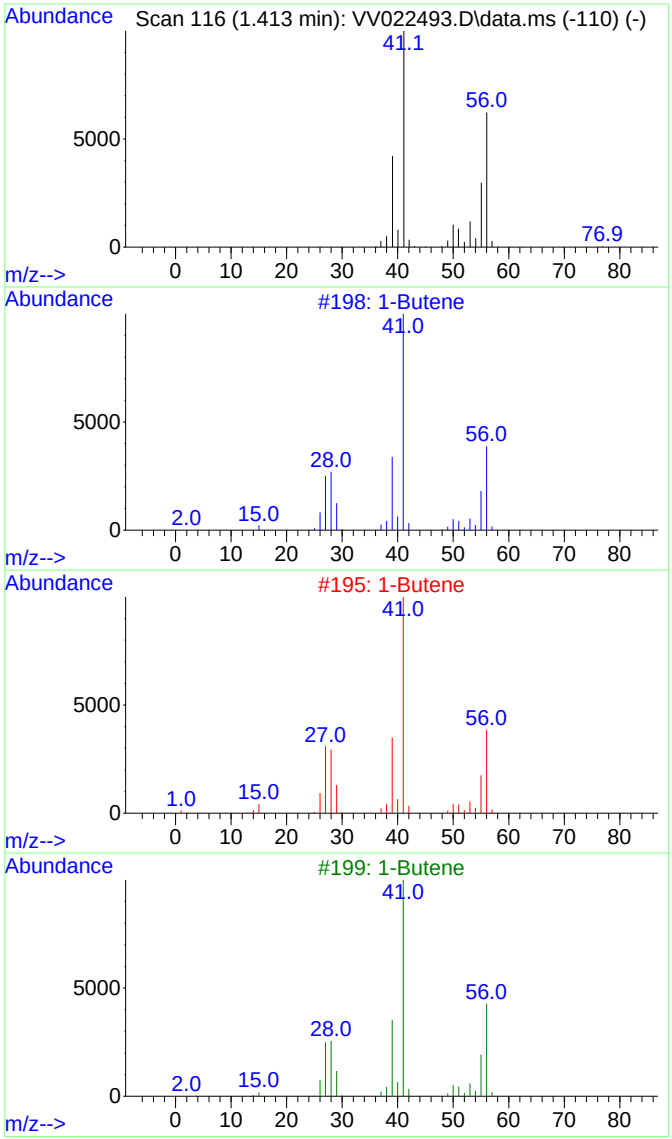
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

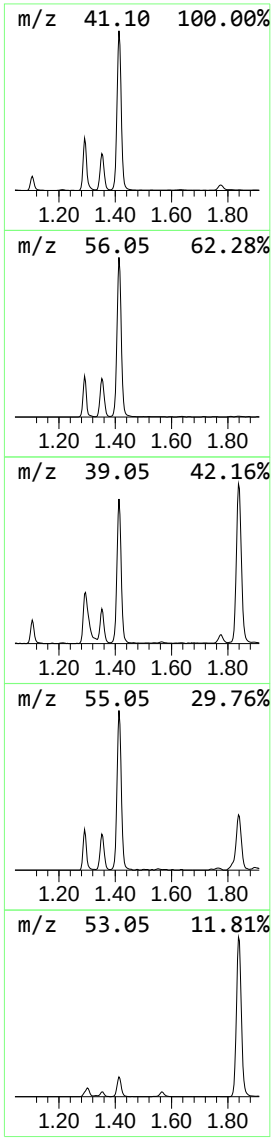
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.413	29.16 ug/L	327807	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Butene	56	C4H8	000106-98-9	87
3	1-Butene	56	C4H8	000106-98-9	87
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

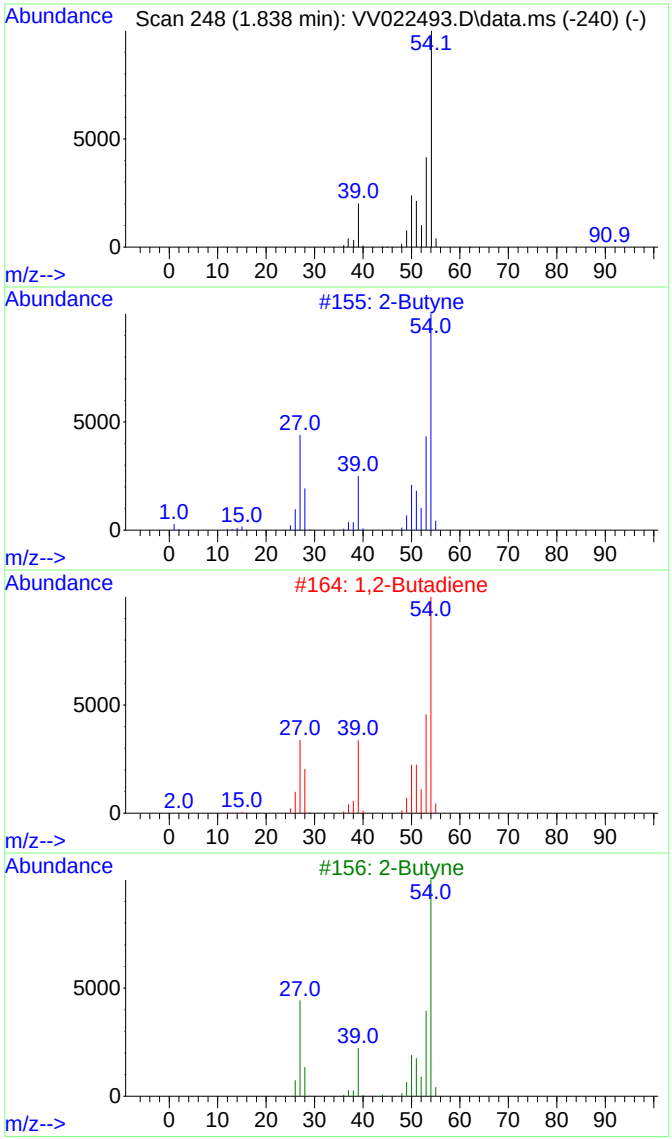
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

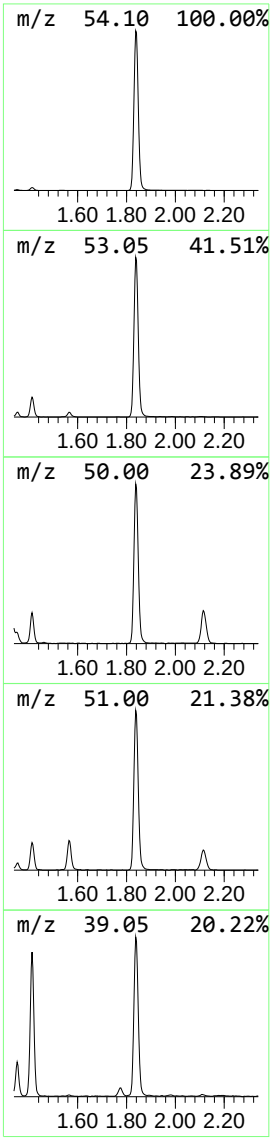
****

Peak Number 2 2-Butyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.838	61.02 ug/L	685989	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	87
2	1,2-Butadiene	54	C4H6	000590-19-2	86
3	2-Butyne	54	C4H6	000503-17-3	86
4	2-Butyne	54	C4H6	000503-17-3	86
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

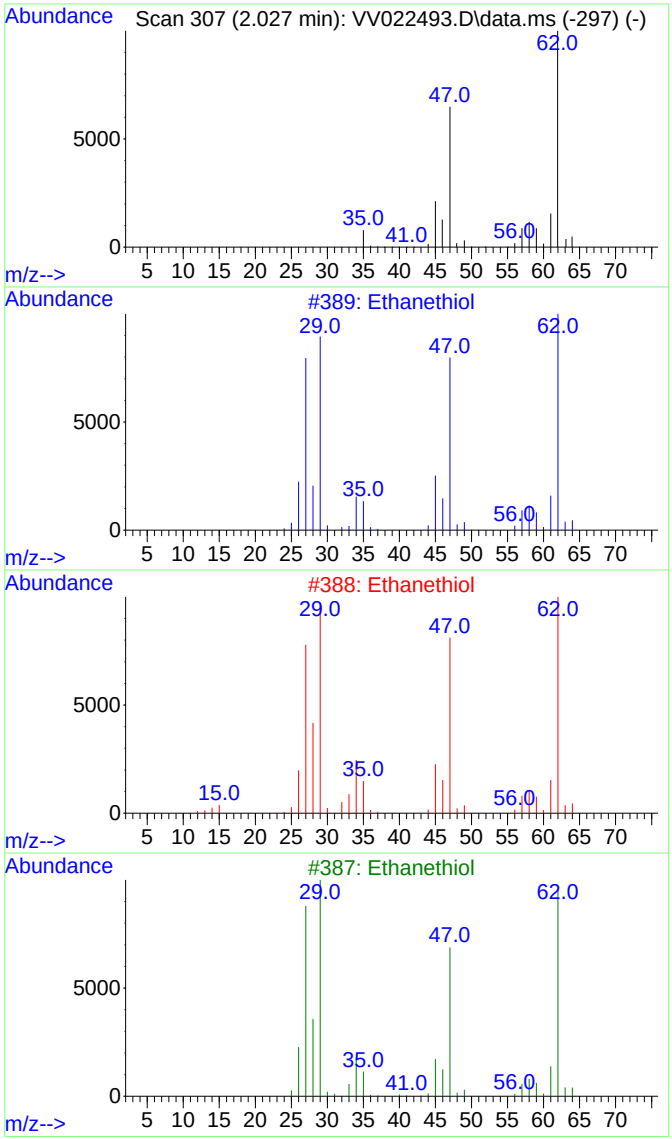
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

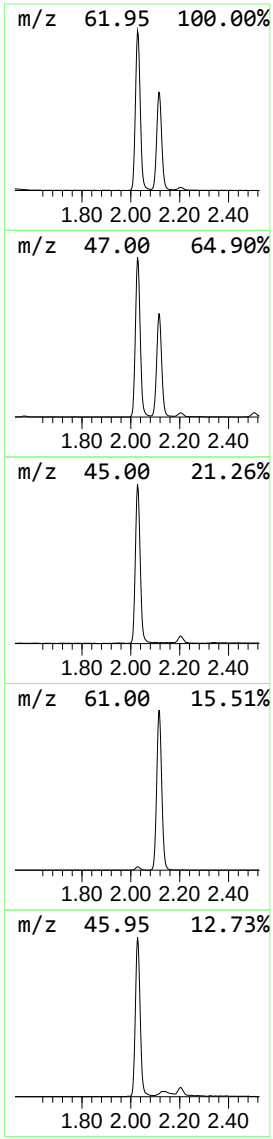
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.027	113.63 ug/L	1277340	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	91
4	Ethanethiol	62	C2H6S	000075-08-1	91
5	Ethanethiol	62	C2H6S	000075-08-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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Sample : M4023-01
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

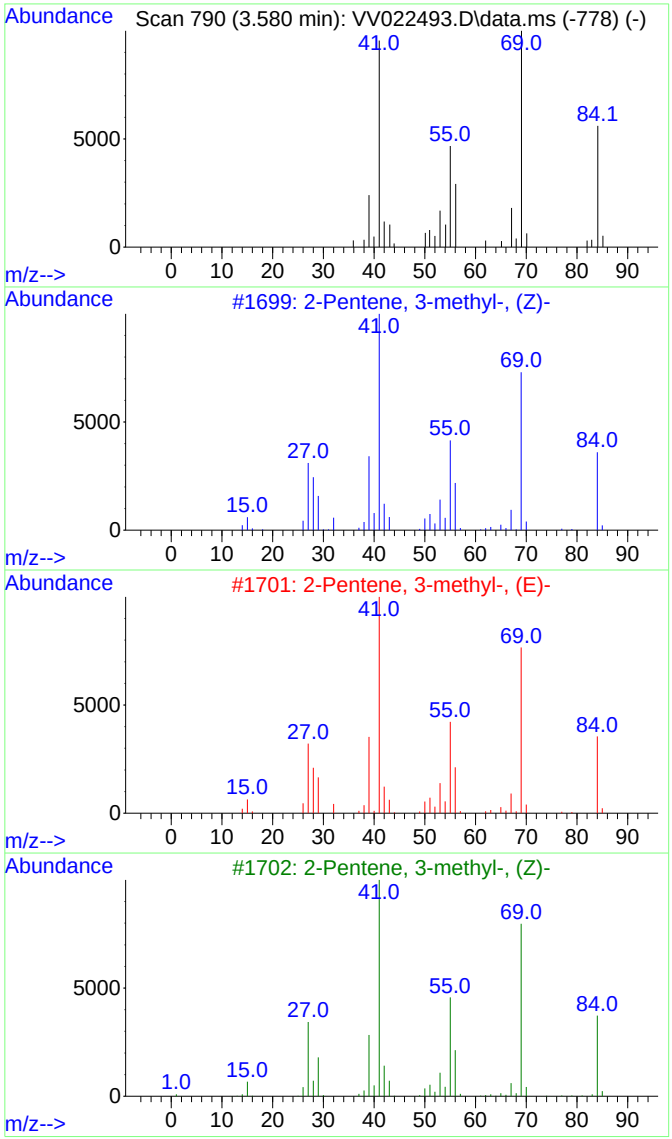
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

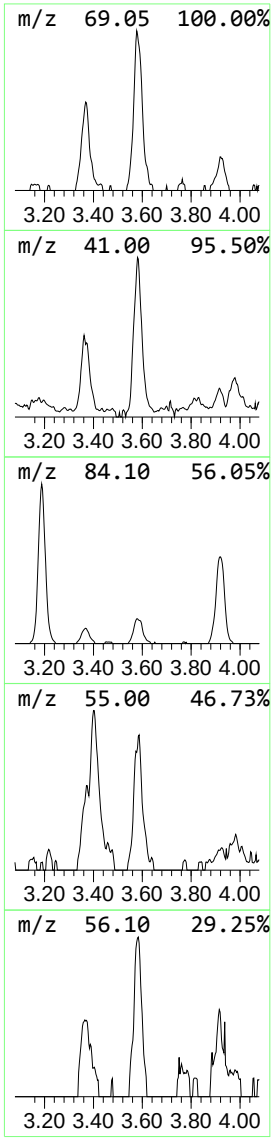
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.580	3.79 ug/L	42594	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

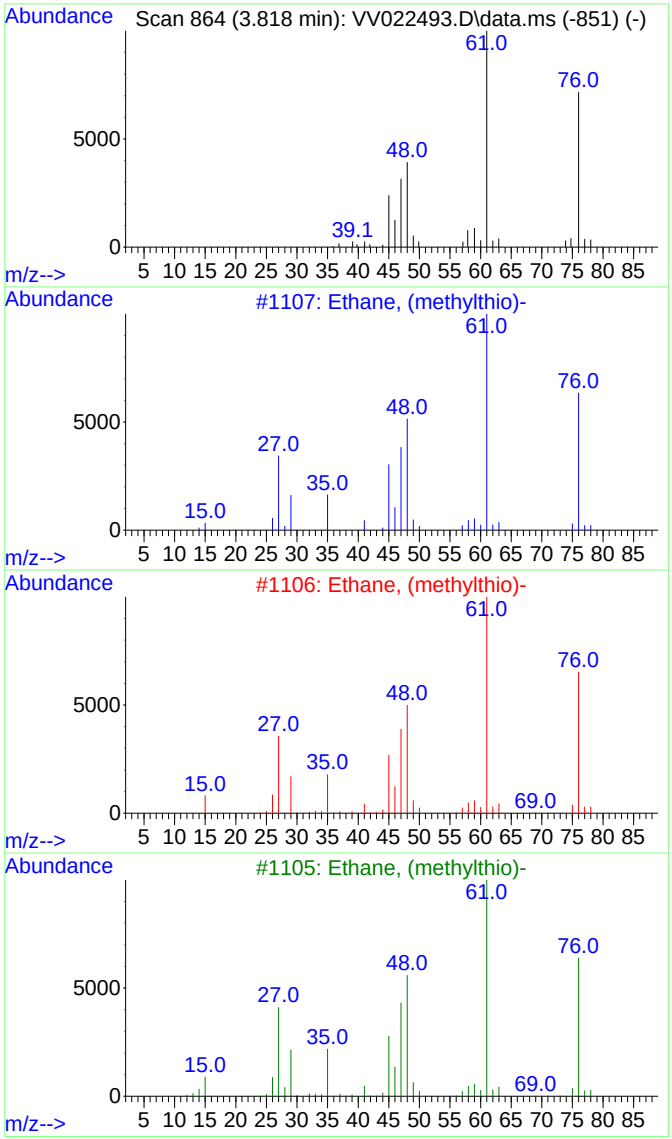
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

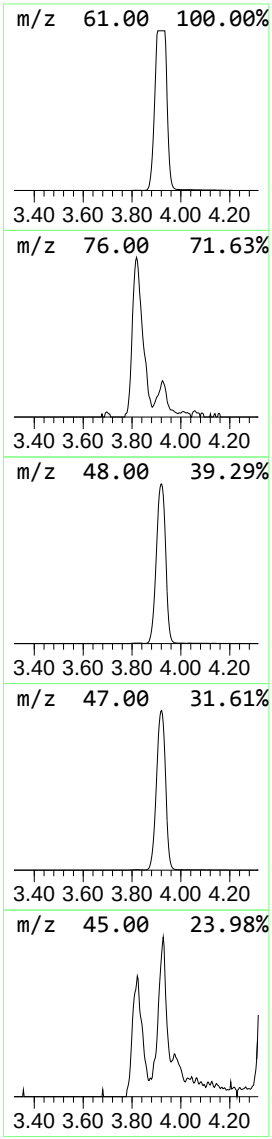
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethane, (methylthio)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.818	5.67 ug/L	63734	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
5	Trimethylphosphine	76	C3H9P	000594-09-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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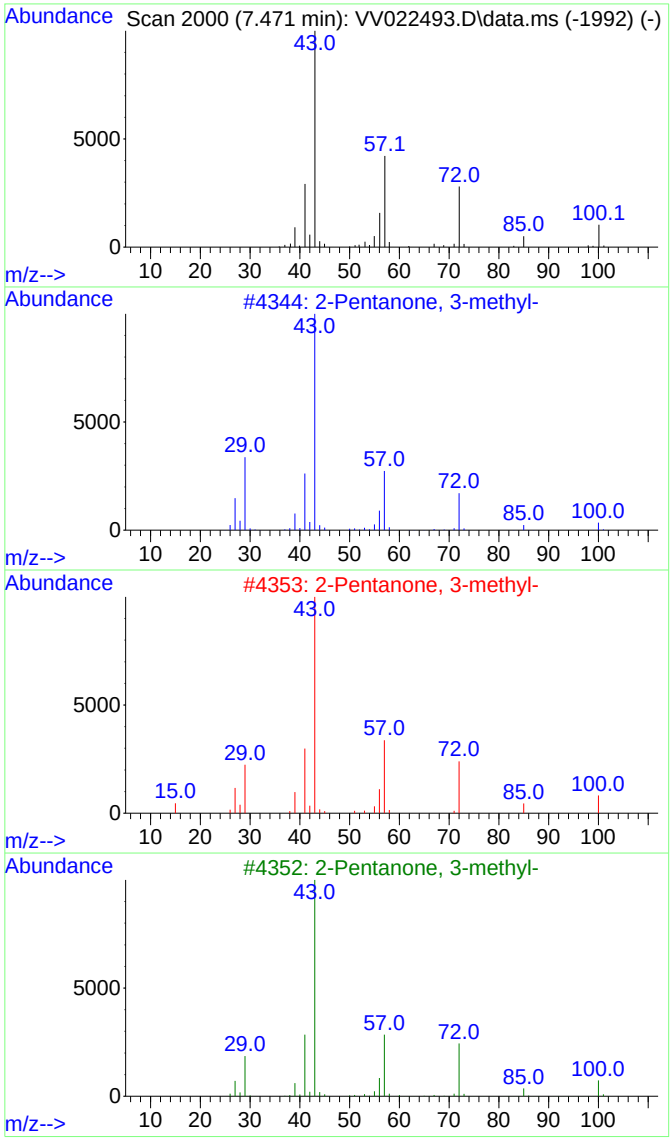
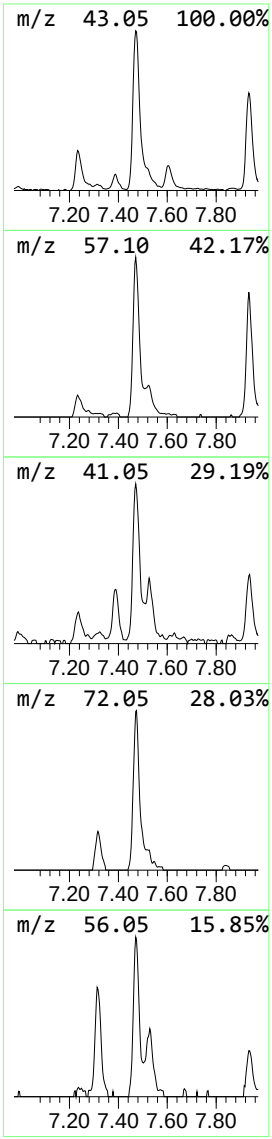
Peak Number 7 2-Pentanone, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.471	6.06 ug/L	87236	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	91
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	91
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	91
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	81
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	53





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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

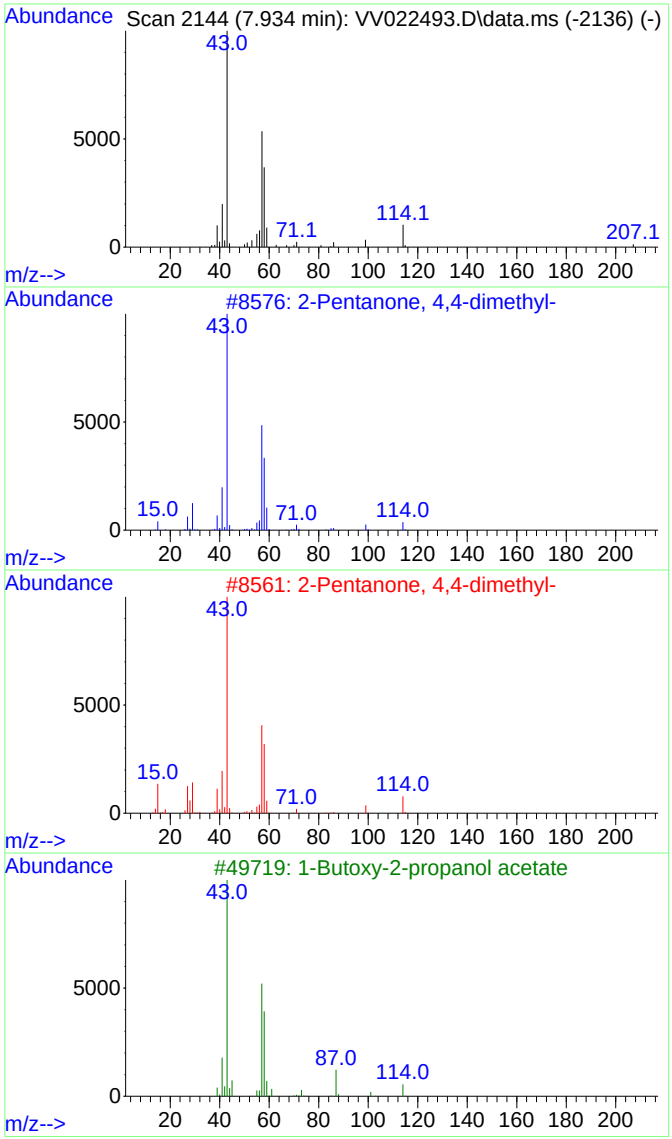
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

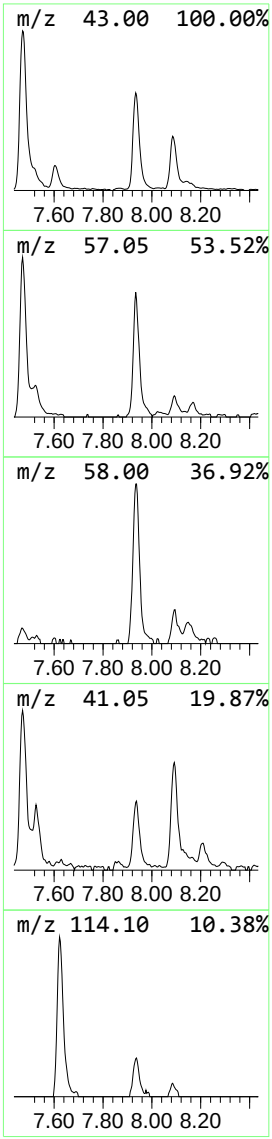
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Pentanone, 4,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.934	3.72 ug/L	53556	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	91
2	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	91
3	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	39
4	1,3-Dibutoxy-2-propanol, acetate	246	C13H26O4	1000510-02-7	25
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	23





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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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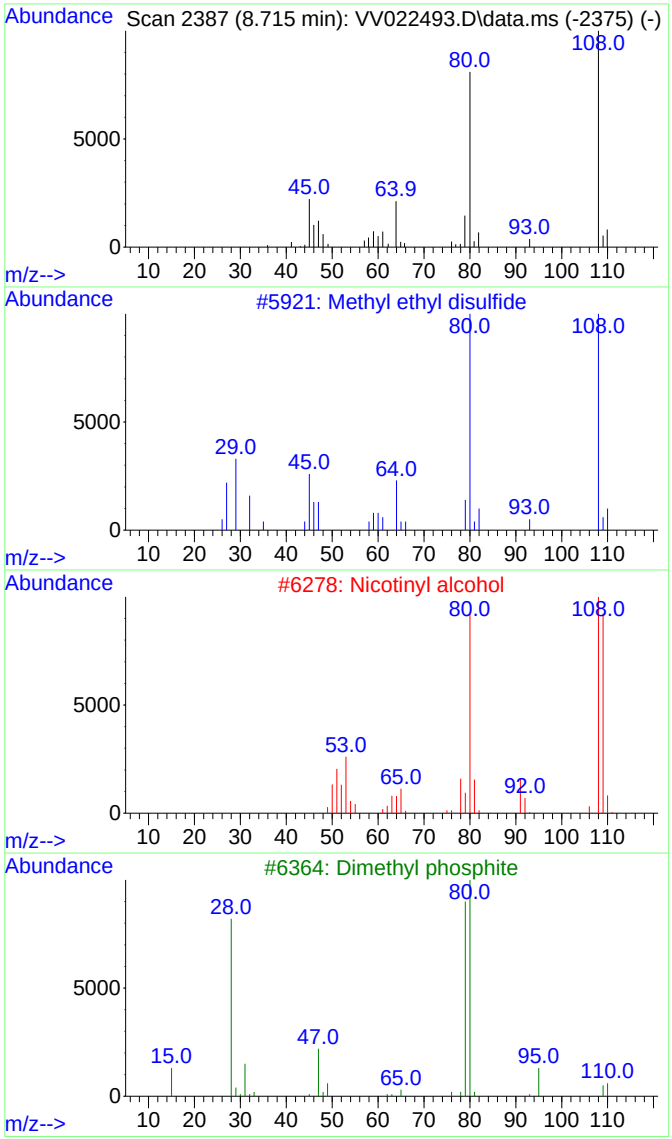
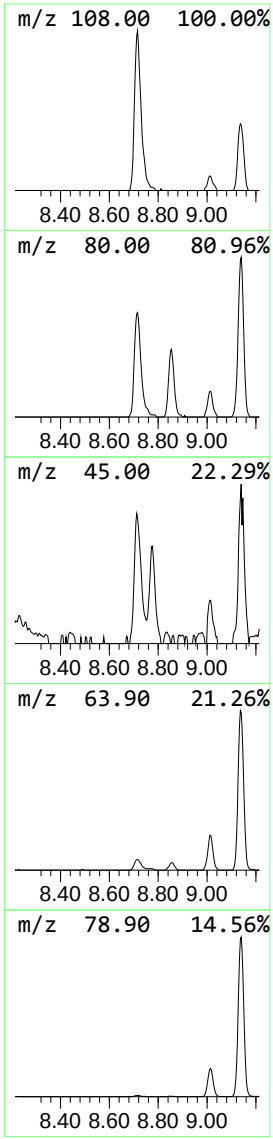
Peak Number 9 Methyl ethyl disulfide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.715	4.07 ug/L	58613	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl disulfide	108	C3H8S2	020333-39-5	94
2	Nicotinyl alcohol	109	C6H7NO	000100-55-0	64
3	Dimethyl phosphite	110	C2H7O3P	000868-85-9	53
4	Ethene, 1-chloro-2-fluoro-	80	C2H2ClF	000460-16-2	53
5	Methanesulfonic acid, methyl ester	110	C2H6O3S	000066-27-3	53





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Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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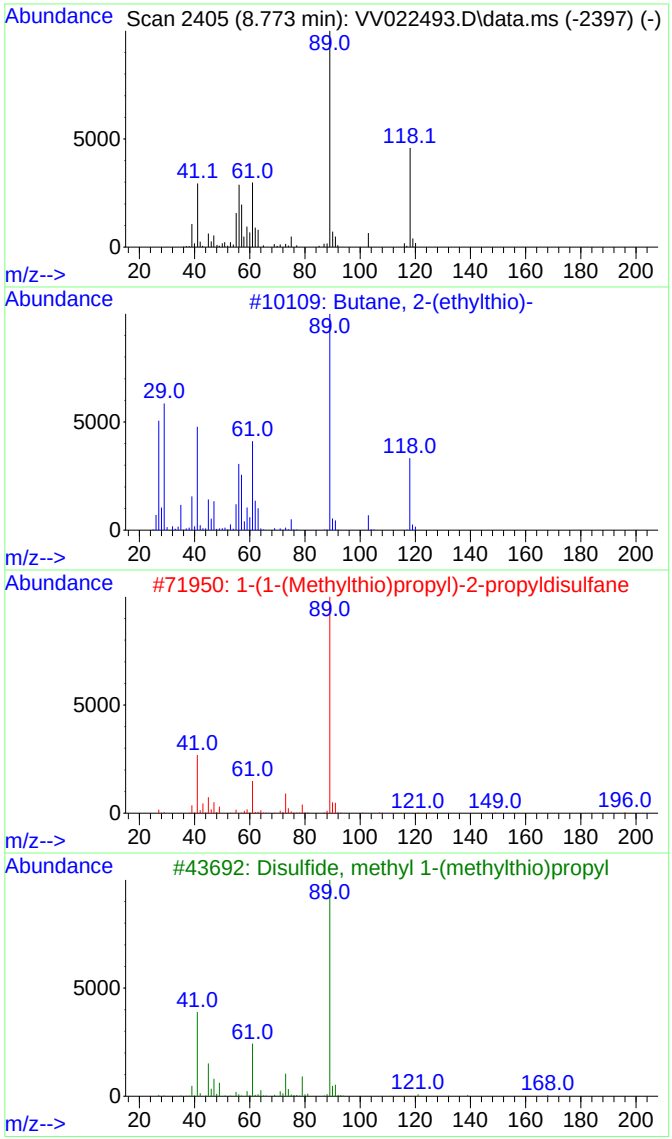
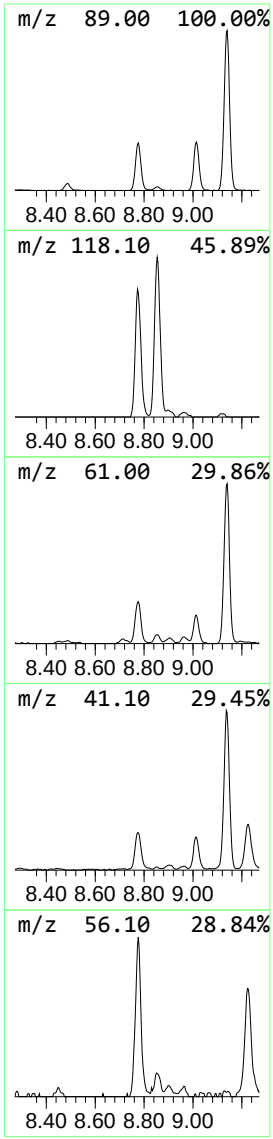
Peak Number 10 Butane, 2-(ethylthio)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.773	9.21 ug/L	132664	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-(ethylthio)-	118	C6H14S	005008-72-0	91
2	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	50
3	Disulfide, methyl 1-(methylthio)...	168	C5H12S3	053897-66-8	50
4	Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	50
5	Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	45





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Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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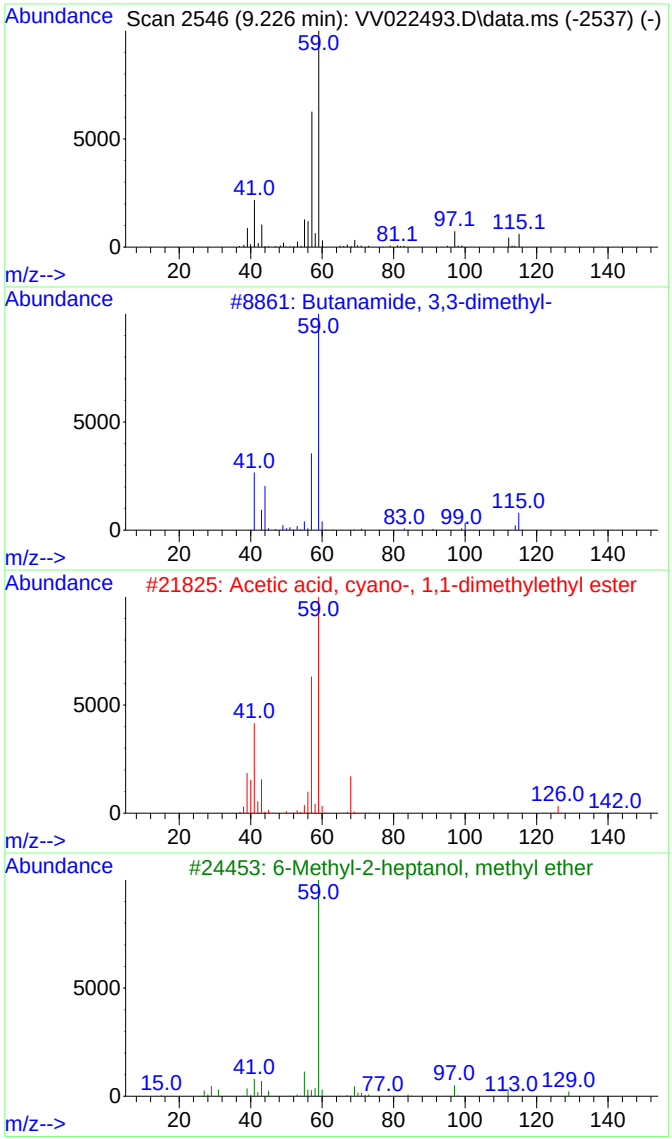
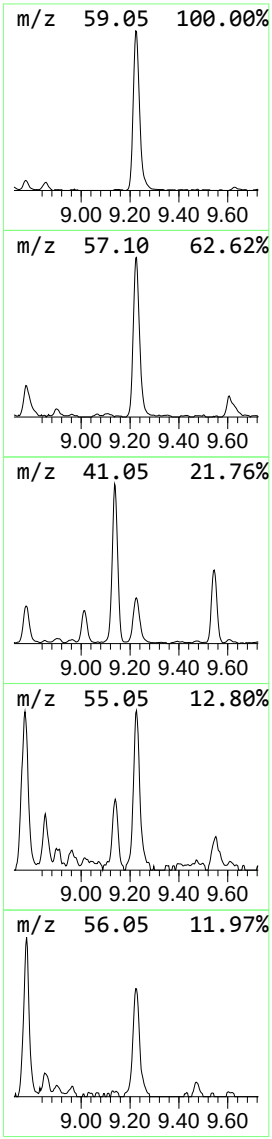
Peak Number 11 Butanamide, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.226	12.56 ug/L	180834	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	45
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	45
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40





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Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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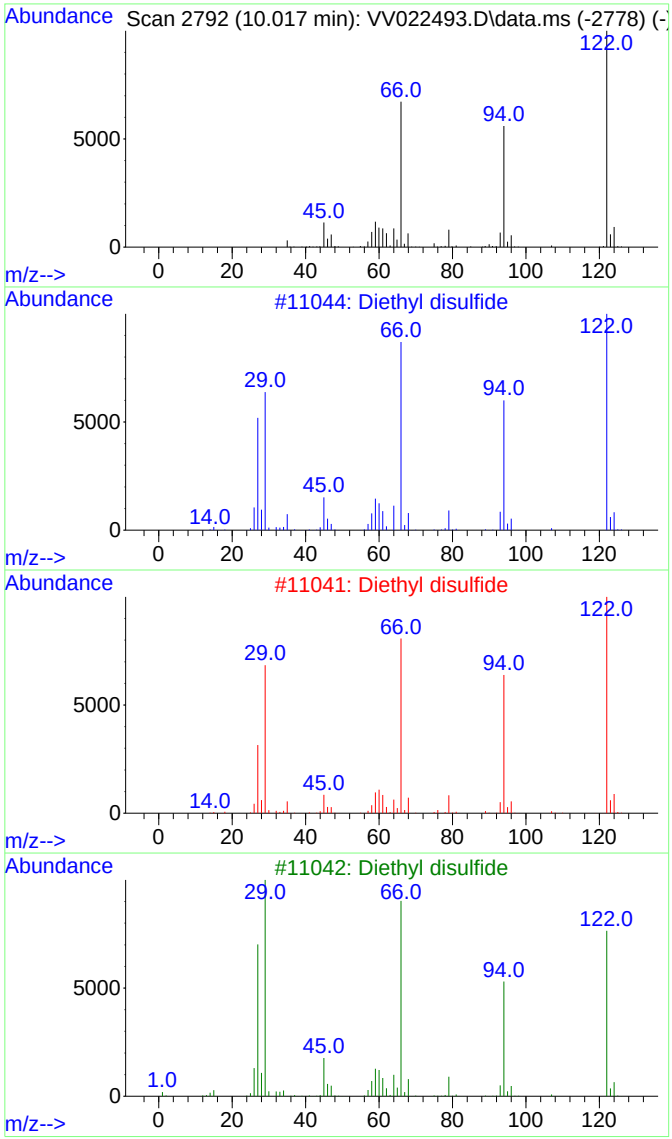
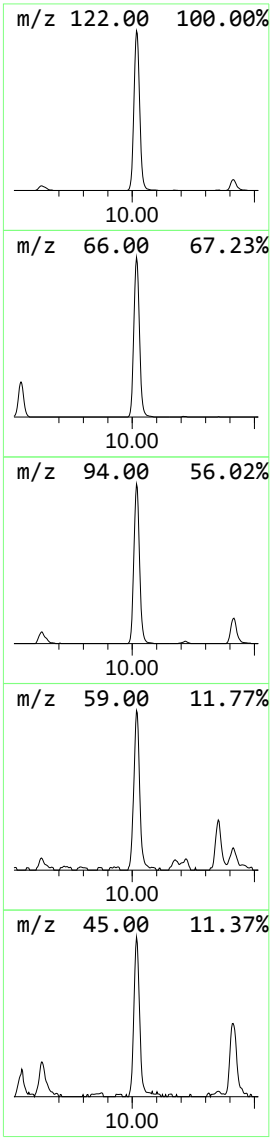
Peak Number 12 Diethyl disulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	28.60 ug/L	411829	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl disulfide	122	C4H10S2	000110-81-6	94
2	Diethyl disulfide	122	C4H10S2	000110-81-6	91
3	Diethyl disulfide	122	C4H10S2	000110-81-6	91
4	Benzene, ethoxy-	122	C8H10O	000103-73-1	42
5	Diethyl sulfone	122	C4H10O2S	000597-35-3	40





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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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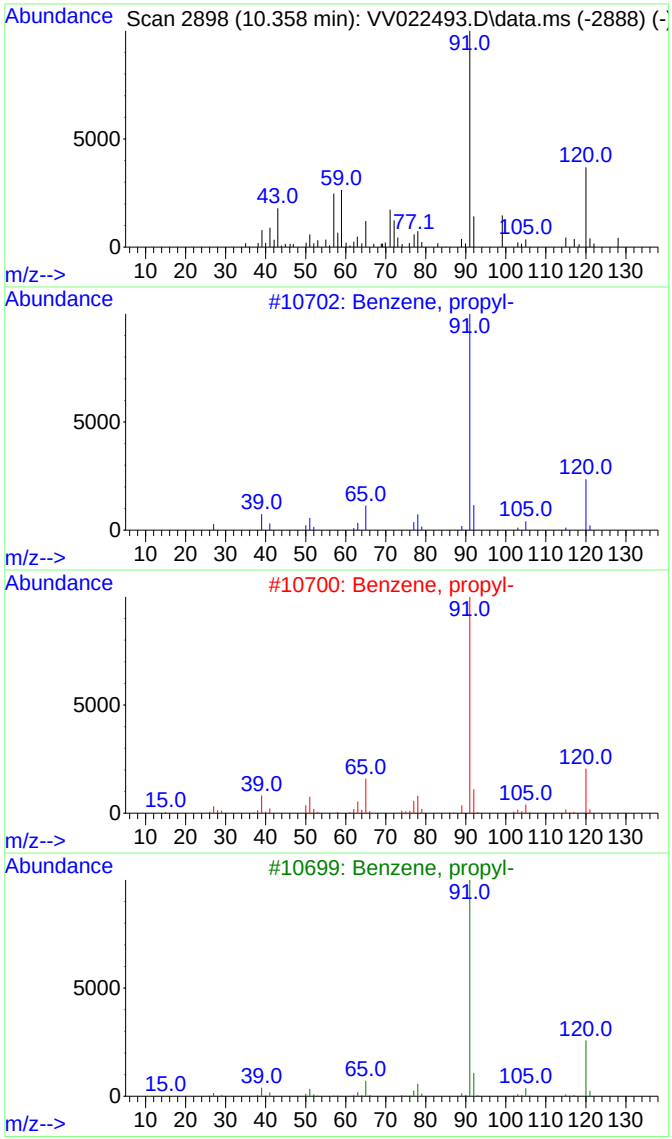
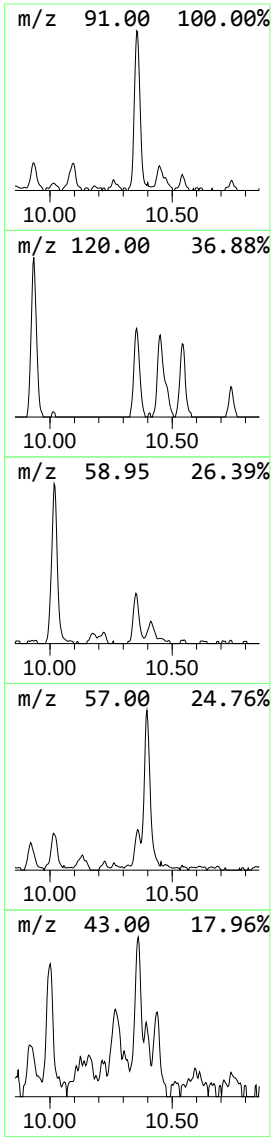
Peak Number 13 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.358	3.37 ug/L	52121	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	50
2	Benzene, propyl-	120	C9H12	000103-65-1	50
3	Benzene, propyl-	120	C9H12	000103-65-1	45
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	38
5	Benzene, propyl-	120	C9H12	000103-65-1	38





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Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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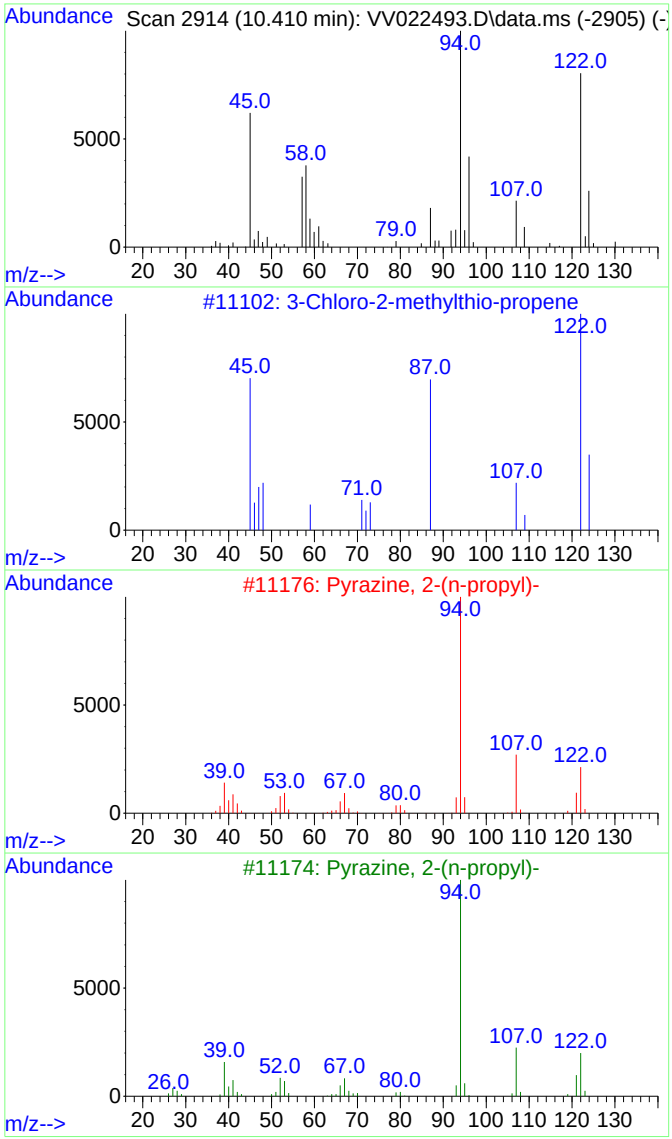
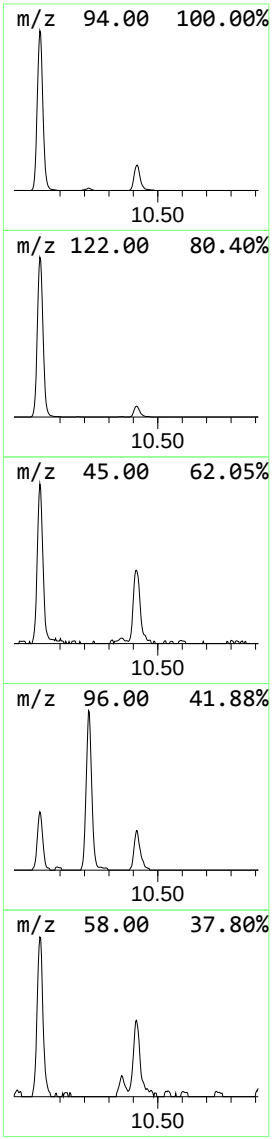
Peak Number 14 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	3.42 ug/L	52847	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-2-methylthio-propene	122	C4H7ClS	015893-05-7	37
2	Pyrazine, 2-(n-propyl)-	122	C7H10N2	018138-03-9	32
3	Pyrazine, 2-(n-propyl)-	122	C7H10N2	018138-03-9	23
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	14
5	Butanoic acid, 2-chloro-	122	C4H7ClO2	004170-24-5	12





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Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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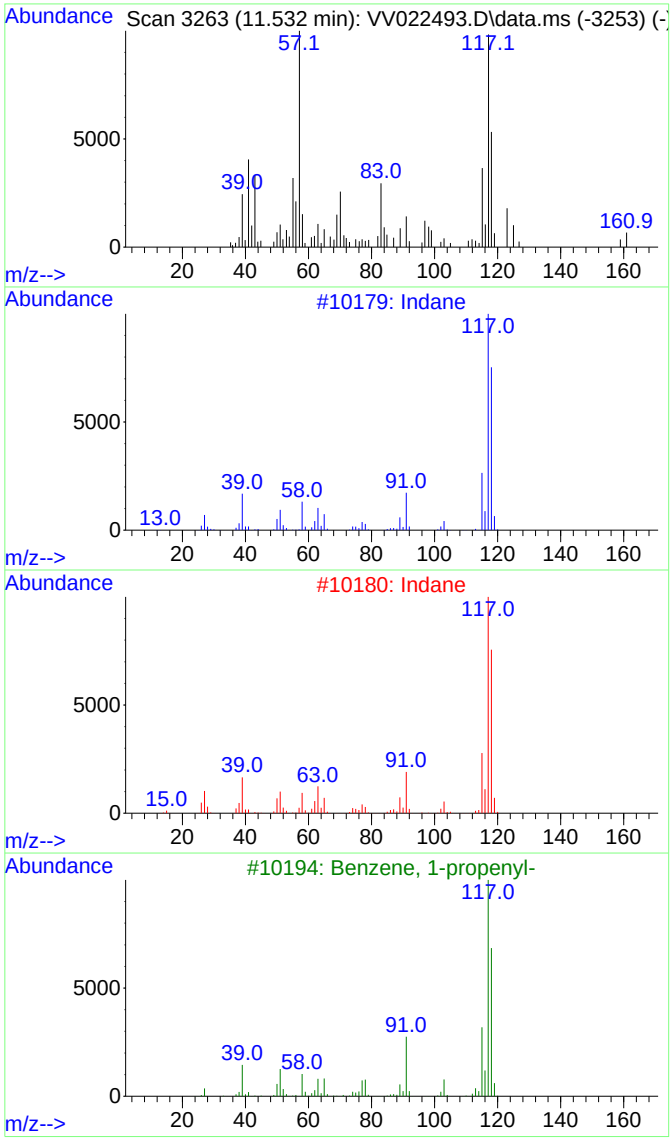
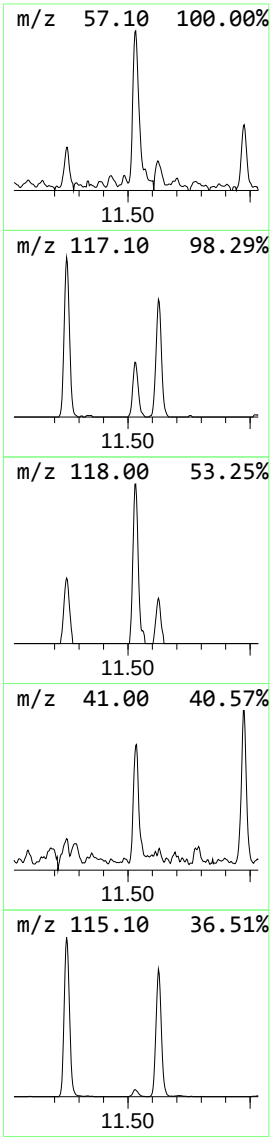
Peak Number 15 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	5.15 ug/L	79488	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
5	Indane	118	C9H10	000496-11-7	60





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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

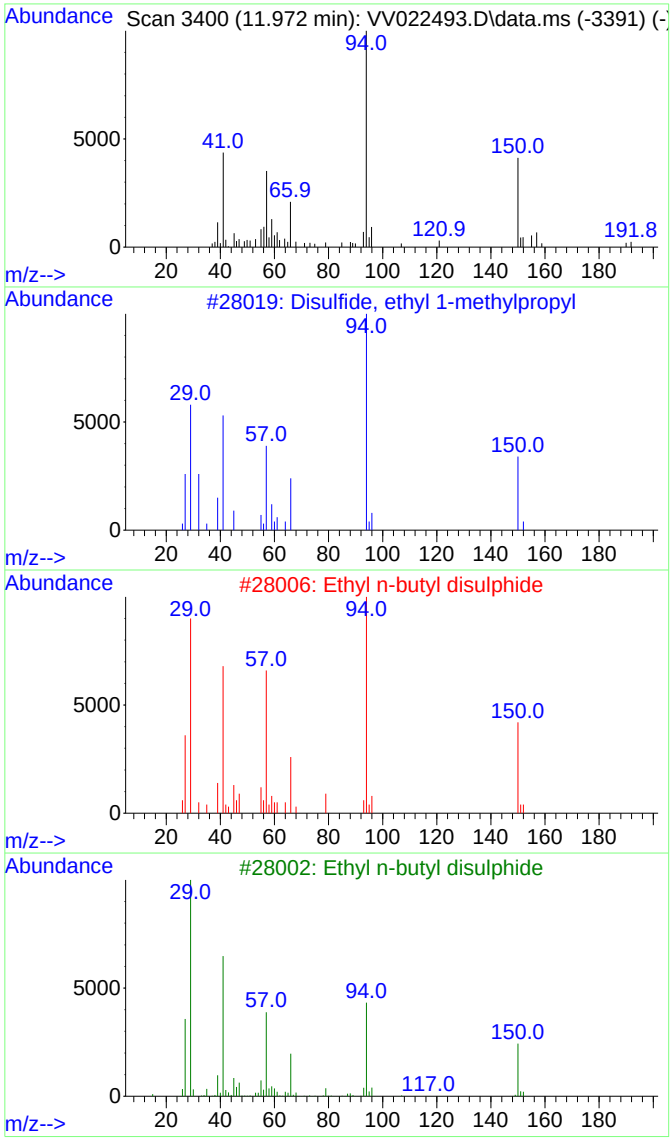
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

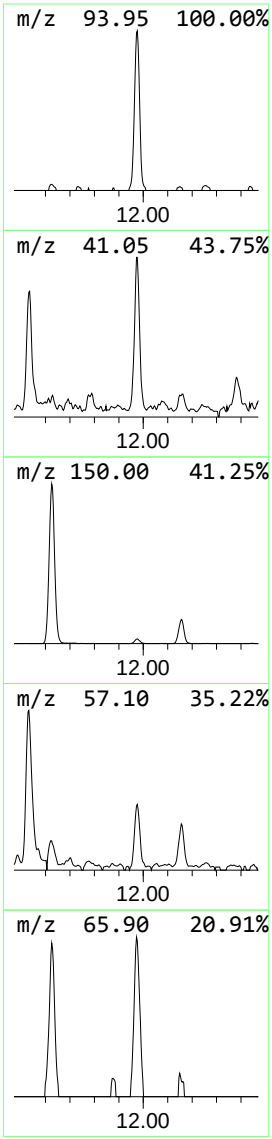
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Disulfide, ethyl 1-methylpr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.972	2.62 ug/L	40461	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, ethyl 1-methylpropyl	150	C6H14S2	054166-53-9	94
2	Ethyl n-butyl disulphide	150	C6H14S2	063986-03-8	90
3	Ethyl n-butyl disulphide	150	C6H14S2	063986-03-8	64
4	Phenol	94	C6H6O	000108-95-2	52
5	Disulfide, ethyl 1-methylpropyl	150	C6H14S2	054166-53-9	49





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Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

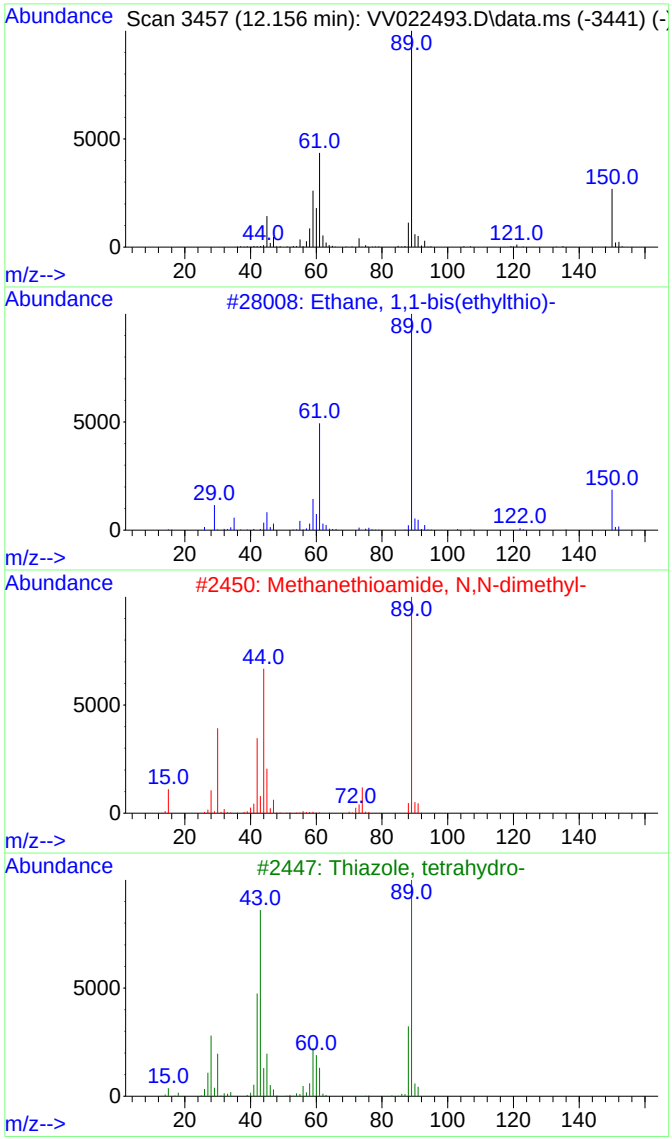
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

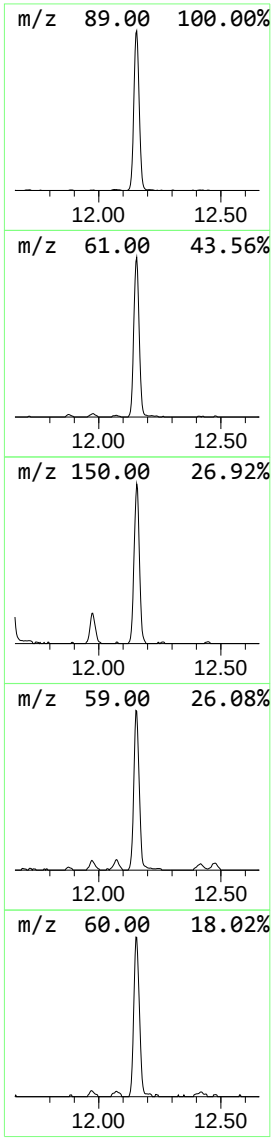
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Ethane, 1,1-bis(ethylthio)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.156	16.48 ug/L	254644	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-bis(ethylthio)-	150	C6H14S2	014252-42-7	78
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	64
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	50
4	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	39
5	Silane, (2-methoxycyclohexyl)tri...	186	C10H22OSi	020584-46-7	38





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Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

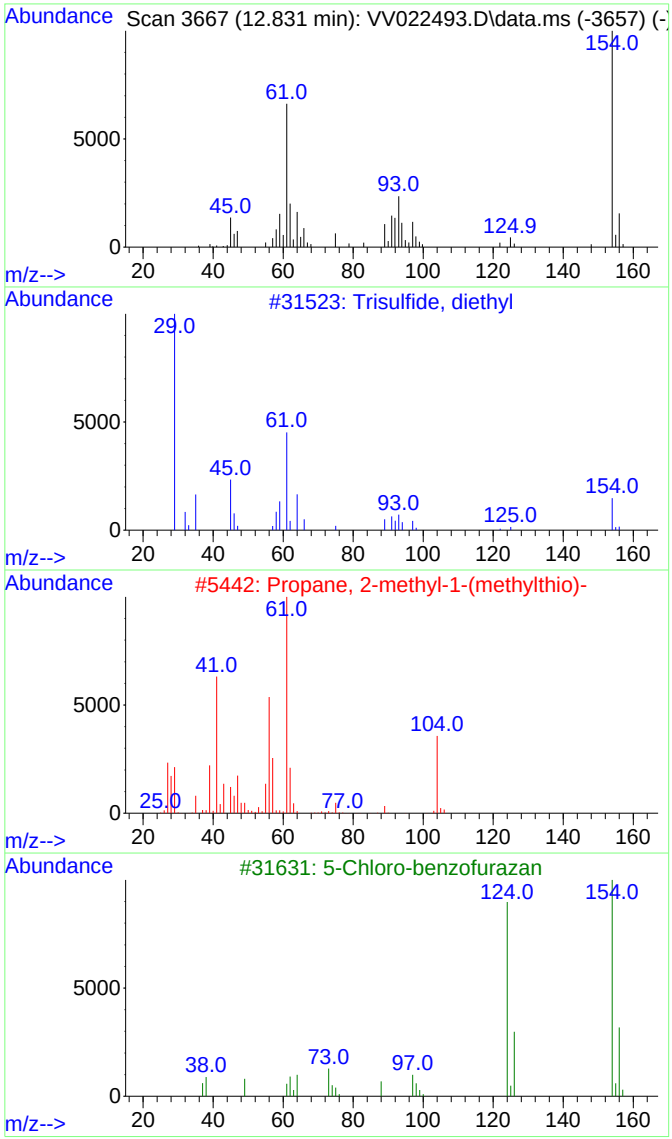
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

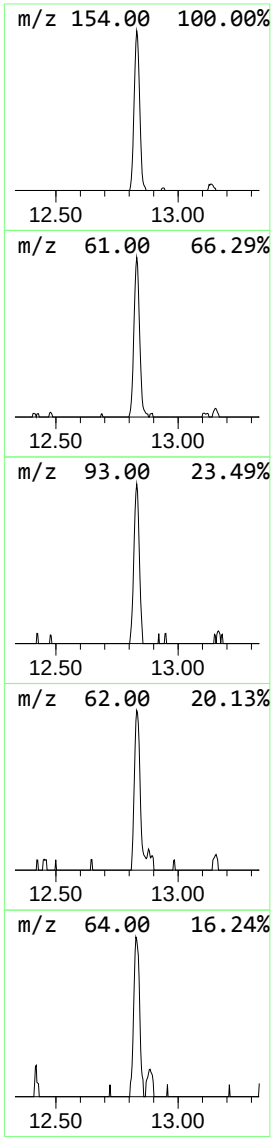
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Trisulfide, diethyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	3.71 ug/L	57367	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisulfide, diethyl	154	C4H10S3	003600-24-6	64
2	Propane, 2-methyl-1-(methylthio)-	104	C5H12S	005008-69-5	16
3	5-Chloro-benzofurazan	154	C6H3ClN2O	019155-86-3	16
4	2,3,5,7-Tetrathiaoctane 3,3-dioxide	218	C4H10O2S4	450365-65-8	10
5	2-Hydrazinyl-5-nitropyridine	154	C5H6N4O2	006343-98-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.413	29.2	ug/L	327807	1	5.619	562089	50.0
2-Butyne	1.838	61.0	ug/L	685989	1	5.619	562089	50.0
Ethanethiol	2.027	113.6	ug/L	1277340	1	5.619	562089	50.0
(DEL) Alkane: S...	3.580	3.8	ug/L	42594	1	5.619	562089	50.0
Ethane, (methyl...	3.818	5.7	ug/L	63734	1	5.619	562089	50.0
2-Pentanone, 3-...	7.471	6.1	ug/L	87236	2	8.853	719873	50.0
2-Pentanone, 4,...	7.934	3.7	ug/L	53556	2	8.853	719873	50.0
Methyl ethyl di...	8.715	4.1	ug/L	58613	2	8.853	719873	50.0
Butane, 2-(ethy...	8.773	9.2	ug/L	132664	2	8.853	719873	50.0
Butanamide, 3,3...	9.226	12.6	ug/L	180834	2	8.853	719873	50.0
Diethyl disulfide	10.017	28.6	ug/L	411829	2	8.853	719873	50.0
Benzene, propyl-	10.358	3.4	ug/L	52121	3	11.249	772430	50.0
unknown-01	10.410	3.4	ug/L	52847	3	11.249	772430	50.0
Indane	11.532	5.2	ug/L	79488	3	11.249	772430	50.0
Disulfide, ethy...	11.972	2.6	ug/L	40461	3	11.249	772430	50.0
Ethane, 1,1-bis...	12.156	16.5	ug/L	254644	3	11.249	772430	50.0
Trisulfide, die...	12.831	3.7	ug/L	57367	3	11.249	772430	50.0