LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046196.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	71	82	111	rBV2	108806	176289	0.38%	0.138%
2	1.793	134	141	153	rBV	16661	24874	0.05%	0.019%
3	1.919	172	180	184	rBV	65630	89110	0.19%	0.070%
4	2.086	224	232	242	rBV	28905	39416	0.09%	0.031%
5	2.150	245	252	255	rBV	4719	6664	0.01%	0.005%
6	2.250	275	283	296	rVB	13776	19289	0.04%	0.015%
7	2.584	370	387	401	rBV4	482805	919619	1.99%	0.718%
8	2.806	447	456	484	rBV	21536	78281	0.17%	0.061%
9	3.363	614	629	659	rVB	162858	350567	0.76%	0.274%
10	3.707	725	736	757	rVB2	11696	27400	0.06%	0.021%
11	3.877	768	789	818	rBV	4881690	11797652	25.58%	9.217%
12	4.539	982	995	1010	rVB3	15143	35685	0.08%	0.028%
13	4.674	1014	1037	1065	rBV	19393070	46127859	100.00%	36.038%
14	5.067	1146	1159	1192	rVB2	302045	771000	1.67%	0.602%
15	5.324	1219	1239	1257	rBV	5239119	11804039	25.59%	9.222%
16	5.729	1345	1365	1376	rBV2	264316	720385	1.56%	0.563%
17	5.999	1438	1449	1457	rVB7	3436	6957	0.02%	0.005%
18	6.141	1483	1493	1505	rBV8	2930	6731	0.01%	0.005%
19	6.250	1512	1527	1545	rBV	256492	480505	1.04%	0.375%
20	6.546	1605	1619	1633	rBV	51556	97684	0.21%	0.076%
21	6.694	1651	1665	1677	rVV	168623	324529	0.70%	0.254%
22	6.764	1679	1687	1705	rVB3	39034	79991	0.17%	0.062%
23	7.568	1923	1937	1950	rBV	101599	177961	0.39%	0.139%
24	7.681	1959	1972	1995	rBV	81536	187372	0.41%	0.146%
25	7.793	1995	2007	2019	rBV	131604	226471	0.49%	0.177%
26	7.899	2029	2040	2051	rBV	337431	561699	1.22%	0.439%
27	7.970	2051	2062	2075	rBV	1352934	2270010	4.92%	1.773%
28	8.179	2117	2127	2138	rBV	72825	117117	0.25%	0.091%
29	8.243	2140	2147	2157	rVB4	8739	14517	0.03%	0.011%
30	8.372	2175	2187	2188	rBV6	4429	5270	0.01%	0.004%
31	8.401	2190	2196	2209	rVB2	15200	25457	0.06%	0.020%
32	8.475	2209	2219	2228	rBV4	4297	7818	0.02%	0.006%
33	8.555	2233	2244	2257	rBV	79143	131933	0.29%	0.103%
34	8.636	2257	2269	2298	rVB	273352	485503	1.05%	0.379%
35	8.809	2315	2323	2331	rBV7	4243	7084	0.02%	0.006%
36	8.867	2331	2341	2351	rVV2	14825	25001	0.05%	0.020%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW5N9

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

37	8.925	2352	2359	2368	rVV3	6549	10619	0.02%	0.008%
38	9.279	2459	2469	2482	rVV	15971	28182	0.06%	0.022%
39	9.417	2500	2512	2533	rBV	372979	611207	1.33%	0.478%
40	9.513	2534	2542	2548	rVV2	6451	10033	0.02%	0.008%
41	9.571	2548	2560	2583	rVB	937350	1515401	3.29%	1.184%
42	9.693	2584	2598	2634	rVB	3604940	5985455	12.98%	4.676%
43	10.037	2693	2705	2711	rBV7	5031	10427	0.02%	0.008%
44	10.102	2711	2725	2750	rVB	2024540	3267447	7.08%	2.553%
45	10.275	2771	2779	2793	rVB4	17254	28305	0.06%	0.022%
46	10.359	2794	2805	2821	rBV10	10796	24991	0.05%	0.020%
47	10.484	2833	2844	2859	rBV	185078	292723	0.63%	0.229%
48	10.581	2863	2874	2887	rBV2	37682	71573	0.16%	0.056%
49	10.758	2918	2929	2942	rBV	271143	434077	0.94%	0.339%
50	10.906	2961	2975	2990	rBV	648853	1042666	2.26%	0.815%
51	10.999	2991	3004	3022	rVV	2797019	6295872	13.65%	4.919%
52	11.089	3022	3032	3051	rVB	1645718	2528490	5.48%	1.975%
53	11.234	3066	3077	3083	rBV	25957	37560	0.08%	0.029%
54	11.291	3083	3095	3110	rVV	1715682	2681860	5.81%	2.095%
55	11.362	3111	3117	3126	rVB	10784	15761	0.03%	0.012%
56	11.420	3126	3135	3138	rBV2	10211	14459	0.03%	0.011%
57	11.472	3138	3151	3170	rVB	6784309	10468107	22.69%	8.178%
58	11.613	3185	3195	3199	rBV	44115	70214	0.15%	0.055%
59	11.645	3200	3205	3216	rVB	86834	123852	0.27%	0.097%
60	11.745	3224	3236	3244	rBV	186923	293626	0.64%	0.229%
61	11.812	3244	3257	3270	rVB2	445131	808374	1.75%	0.632%
62	11.896	3270	3283	3296	rBV	2444032	3793369	8.22%	2.964%
63	12.012	3311	3319	3326	rBV	25557	34548	0.07%	0.027%
64	12.095	3326	3345	3352	rBV2	901363	1521620	3.30%	1.189%
65	12.192	3363	3375	3392	rVB4	807275	1485757	3.22%	1.161%
66	12.304	3398	3410	3419	rBV2	55506	93521	0.20%	0.073%
67	12.375	3419	3432	3447	rVB	173122	296020	0.64%	0.231%
68	12.481	3448	3465	3483	rBV2	1010057	2135864	4.63%	1.669%
69	12.571	3483	3493	3501	rVV	347231	532748	1.15%	0.416%
70	12.613	3502	3506	3517	rVB2	62630	83483	0.18%	0.065%
71	12.684	3517	3528	3548	rBV4	140506	356230	0.77%	0.278%
72	12.809	3562	3567	3576	rVB2	20191	27929	0.06%	0.022%
73	12.877	3577	3588	3599	rVB2	130941	212003	0.46%	0.166%
74	12.973	3599	3618	3626	rBV	177008	301865	0.65%	0.236%
75	13.025	3626	3634	3650	rVB	274626	416338	0.90%	0.325%
76	13.108	3650	3660	3665	rBV3	19701	32143	0.07%	0.025%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.256	3698	3706	3709	rBV3	11868	16192	0.04%	0.013%
78	13.291	3710	3717	3728	rVB	70092	108529	0.24%	0.085%
79	13.352	3731	3736	3744	rVB4	10807	14342	0.03%	0.011%
80	13.404	3744	3752	3756	rBV5	17614	26785	0.06%	0.021%
81	13.449	3757	3766	3780	rVB4	288285	488110	1.06%	0.381%
82	13.558	3795	3800	3809	rVB	9403	11821	0.03%	0.009%
83	13.626	3811	3821	3834	rVB	77338	125812	0.27%	0.098%
84	13.735	3842	3855	3863	rBV6	22403	38427	0.08%	0.030%
85	13.787	3864	3871	3877	rVB2	7927	11351	0.02%	0.009%
86	13.838	3877	3887	3901	rBV4	25482	55776	0.12%	0.044%
87	14.008	3934	3940	3949	rVB9	2982	5110	0.01%	0.004%
88	14.086	3949	3964	3981	rBV	392961	625681	1.36%	0.489%
89	14.188	3991	3996	4008	rVB6	4546	7214	0.02%	0.006%
90	14.291	4020	4028	4038	rVV8	7079	13082	0.03%	0.010%
91	14.484	4081	4088	4094	rBV3	4192	5666	0.01%	0.004%
92	14.574	4110	4116	4127	rVB3	3151	5163	0.01%	0.004%
93	14.684	4135	4150	4161	rBV5	9320	21889	0.05%	0.017%
94	14.806	4182	4188	4197	rVB3	4033	5603	0.01%	0.004%
95	14.877	4203	4210	4220	rVB3	3404	5035	0.01%	0.004%
96	15.018	4244	4254	4264	rBV7	5396	8925	0.02%	0.007%
97	15.221	4306	4317	4328	rBV	63200	97594	0.21%	0.076%
98	15.410	4365	4376	4390	rVB	41165	63243	0.14%	0.049%
99	16.410	4679	4687	4693	rBV4	6537	9195	0.02%	0.007%
100	16.446	4694	4698	4709	rVB5	4173	5257	0.01%	0.004%

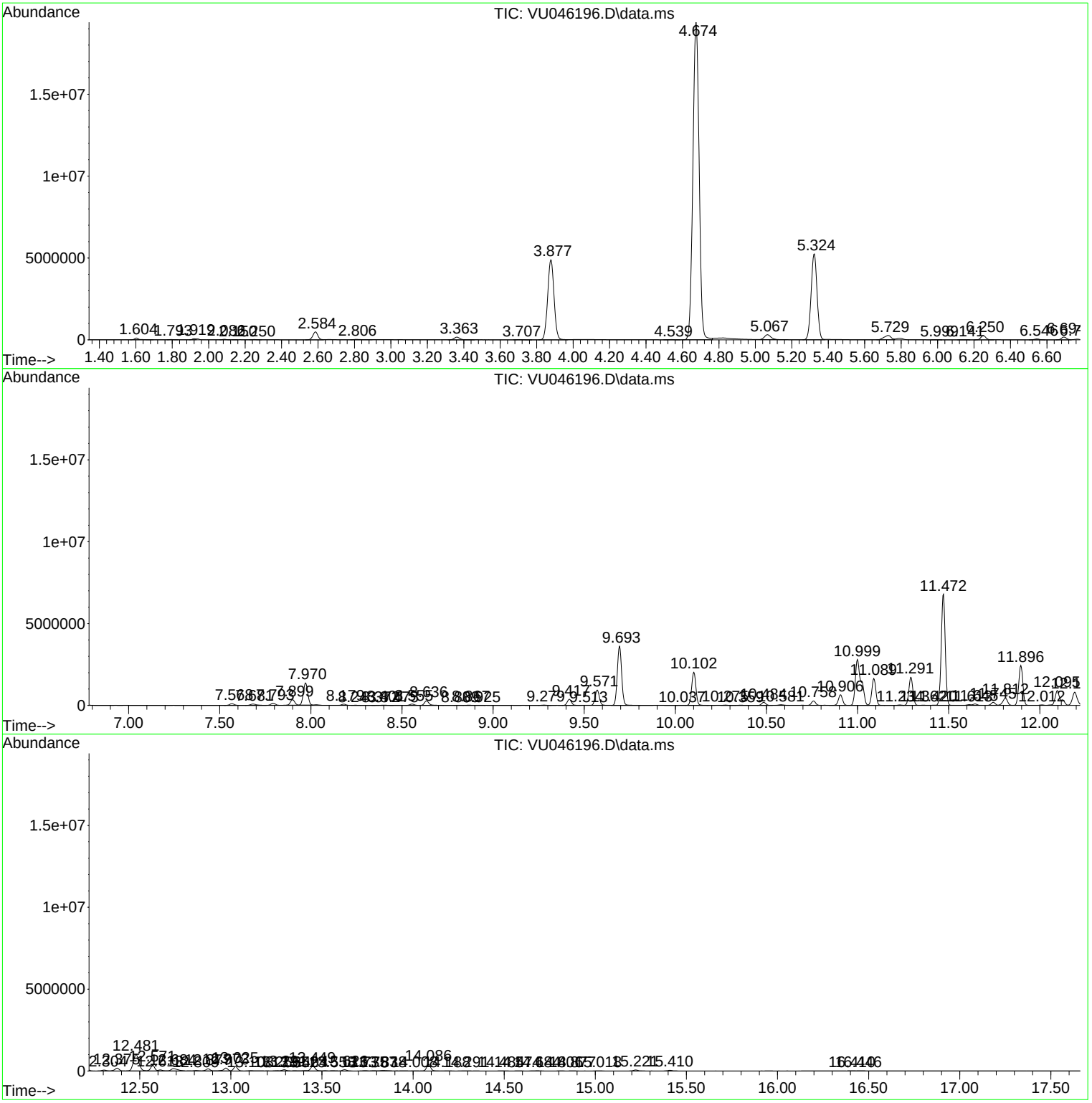
Sum of corrected areas: 127998260

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

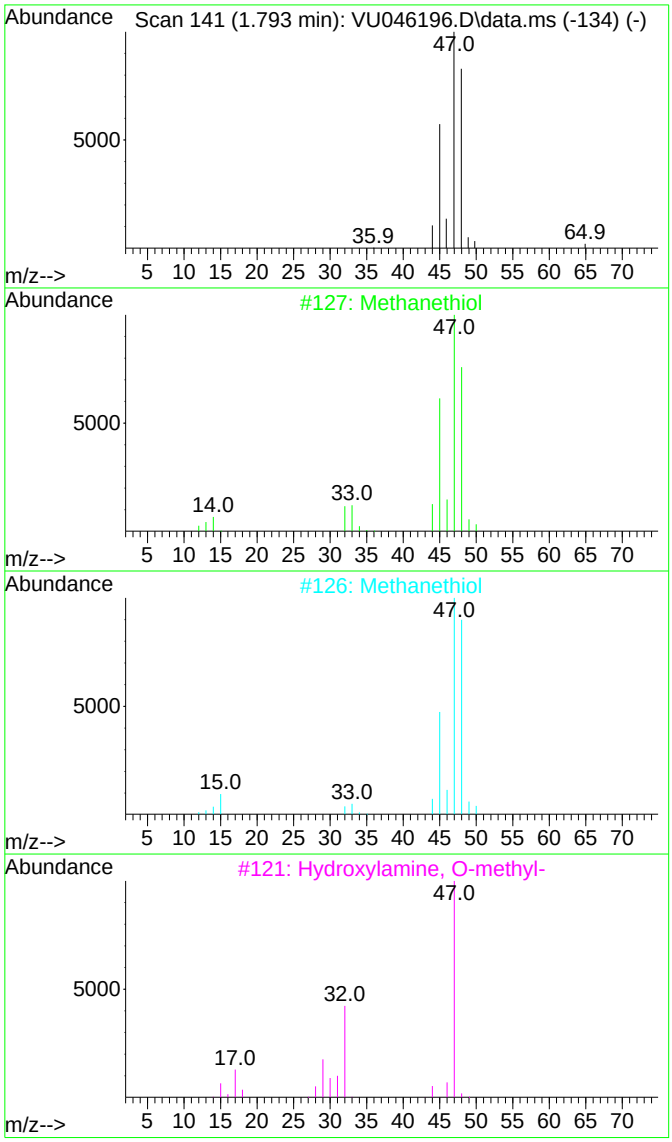
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

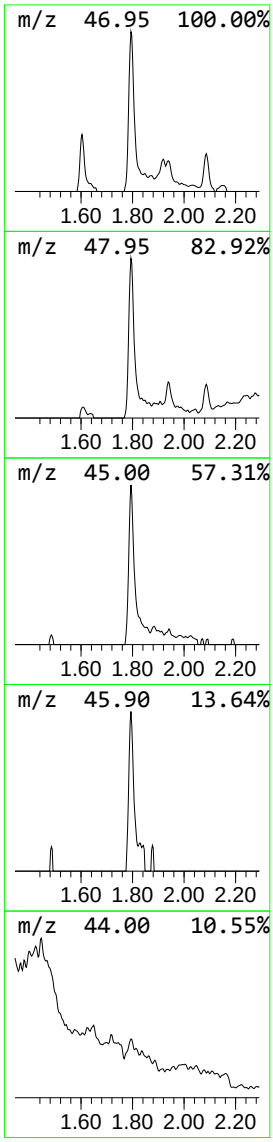
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methanethiol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.793	2.59 ug/L	24874	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

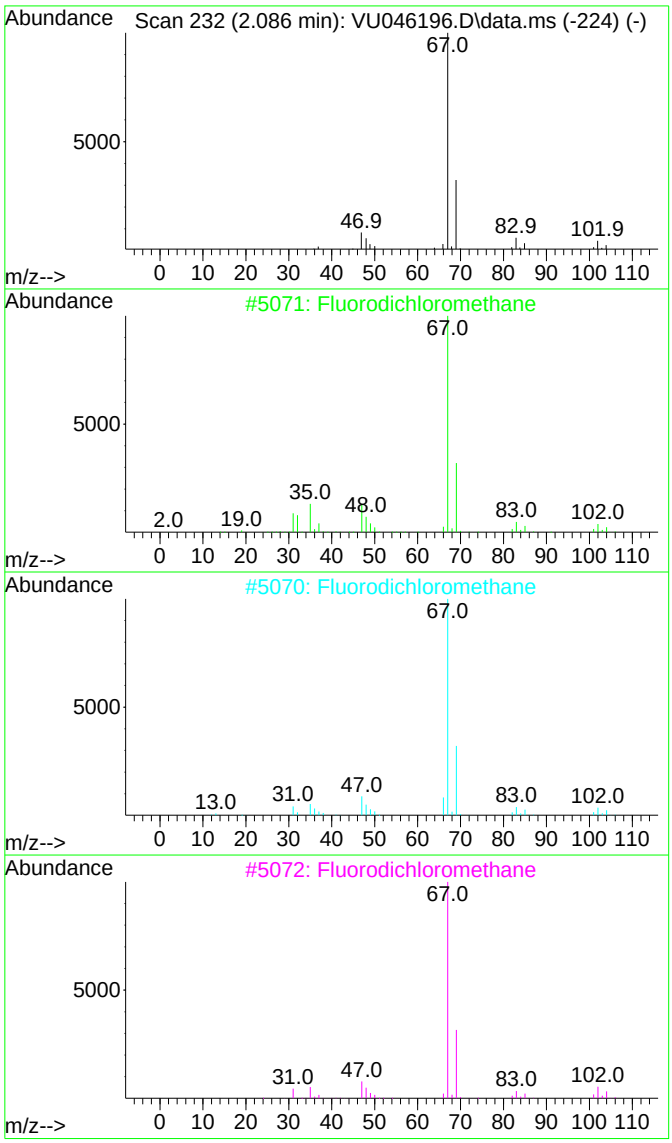
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

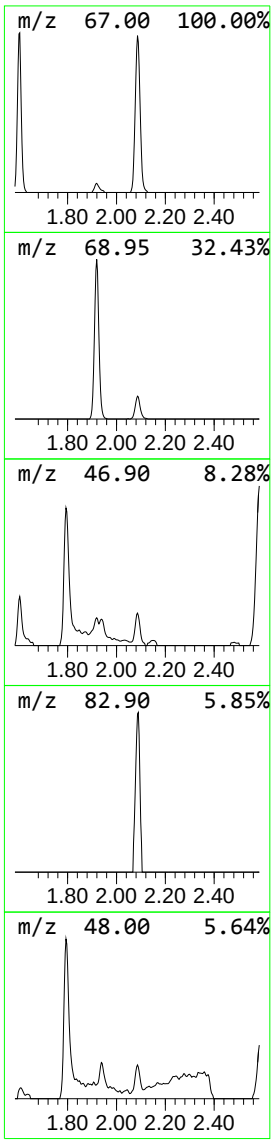
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Fluorodichloromethane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.086	4.10 ug/L	39416	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5	1-Hexyne	82	C6H10	000693-02-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

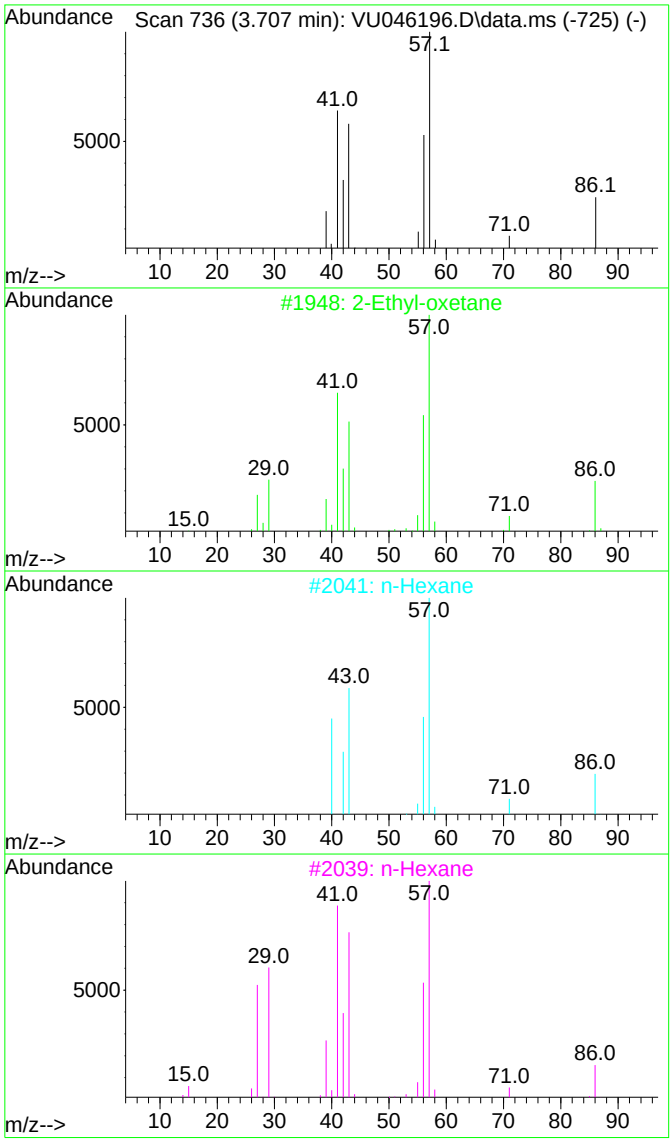
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

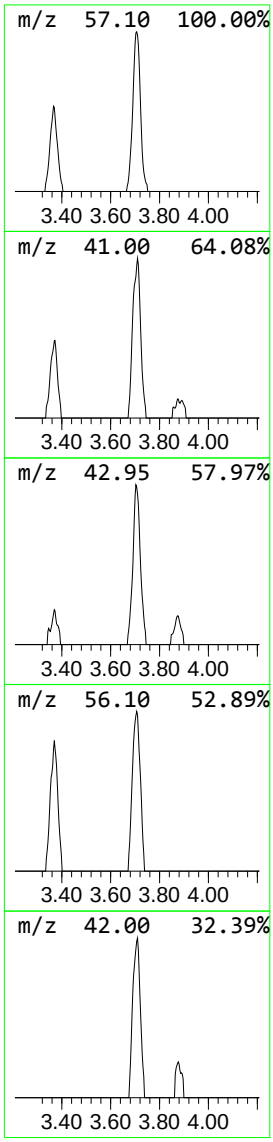
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.707	2.85 ug/L	27400	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

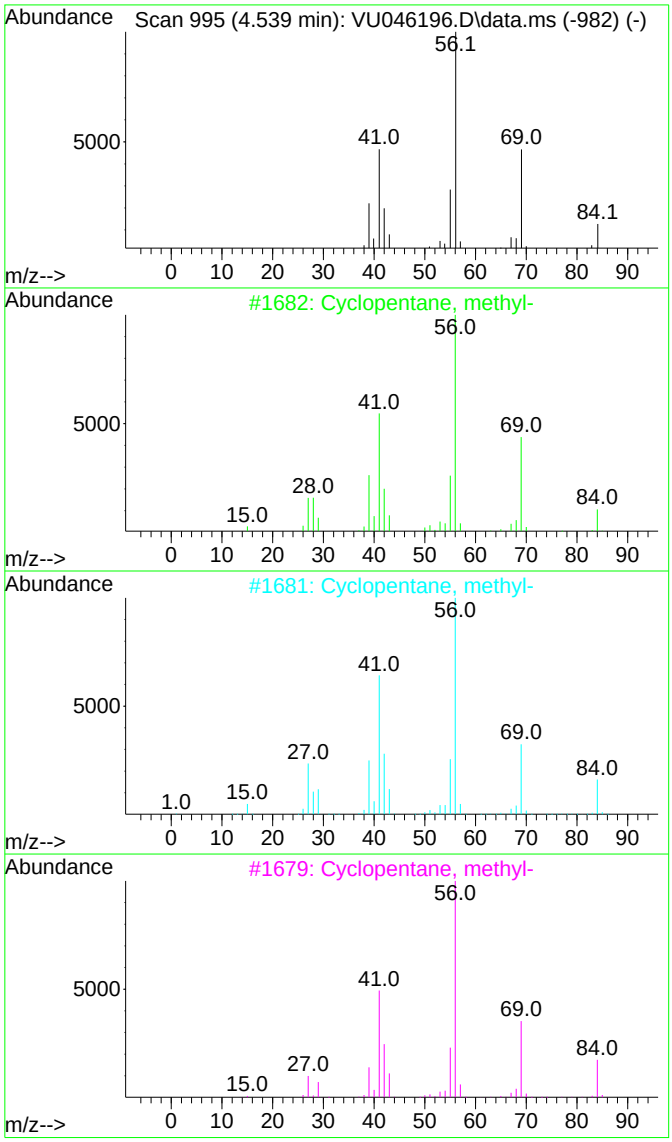
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

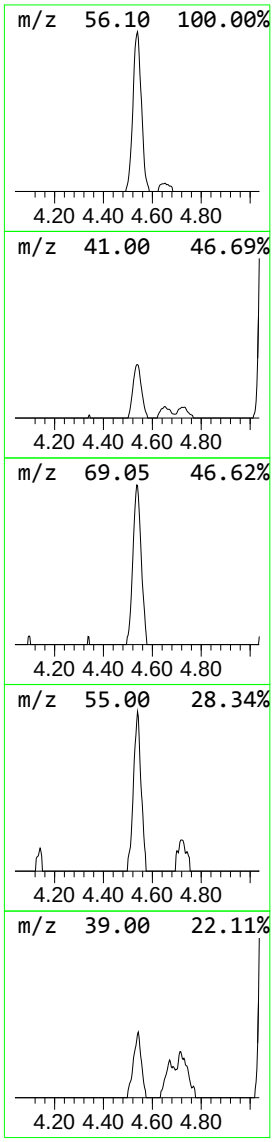
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic4.539 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	3.71 ug/L	35685	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

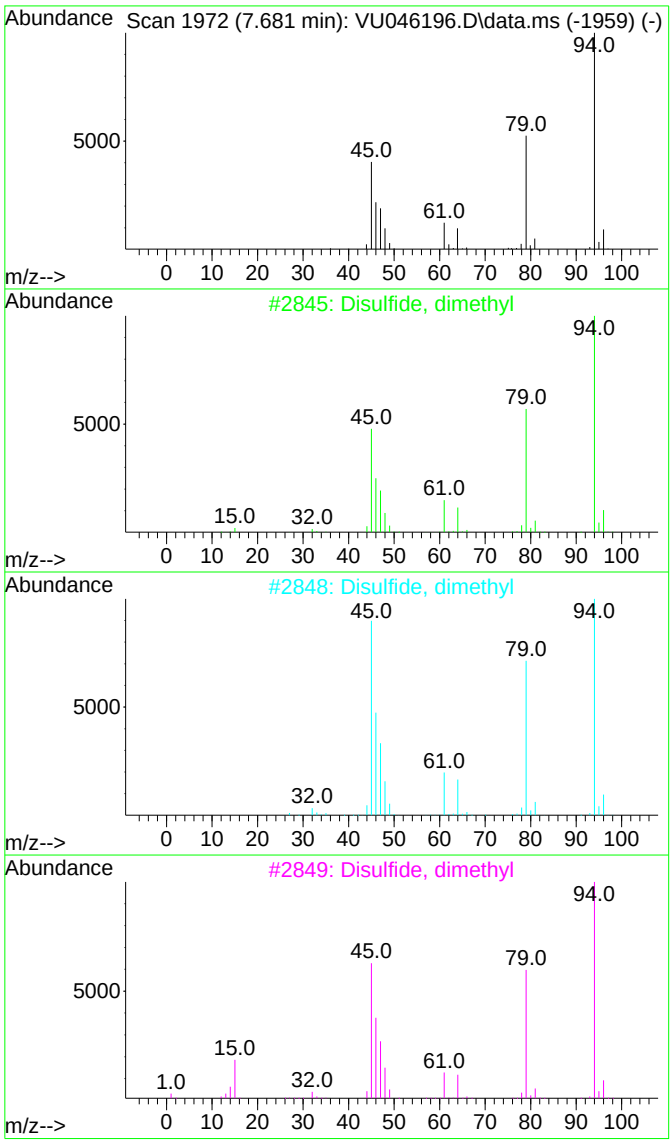
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

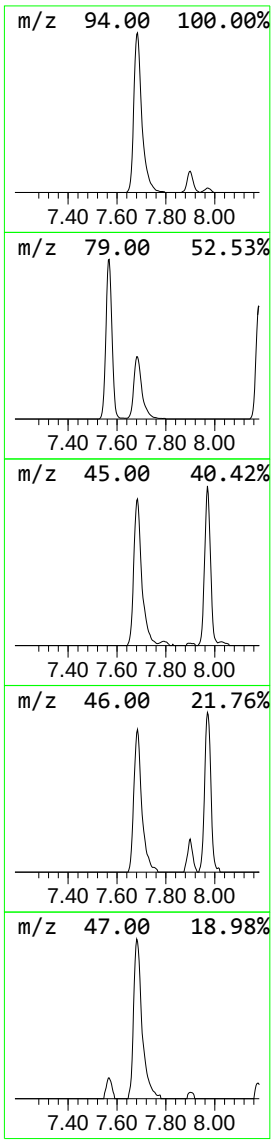
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Disulfide, dimethyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	19.50 ug/L	187372	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

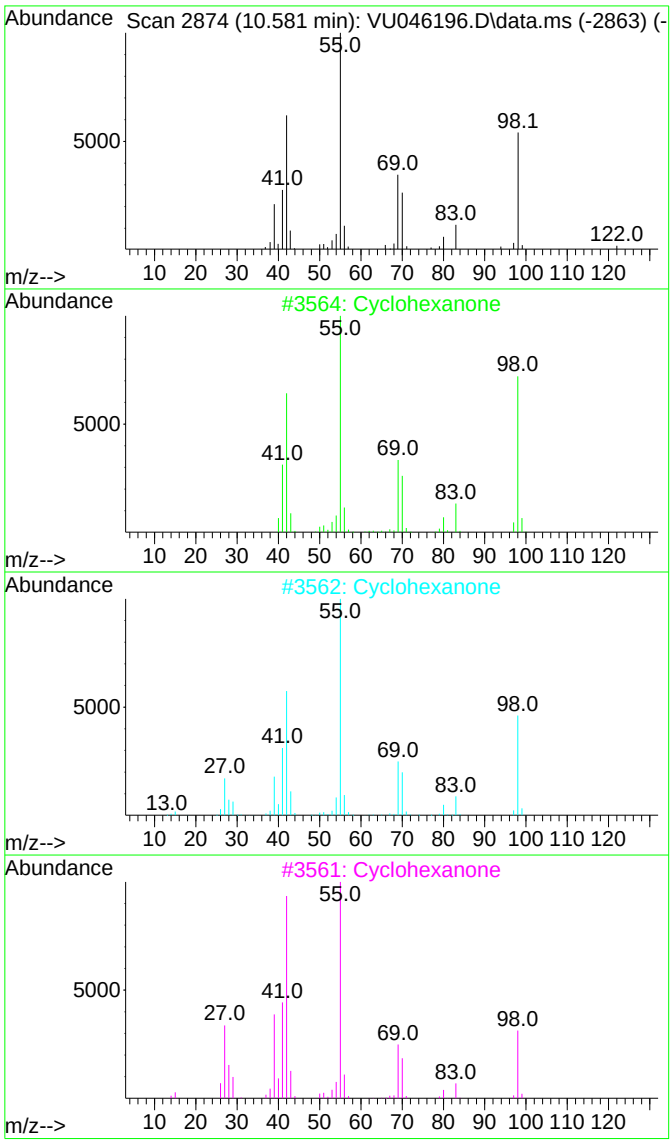
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

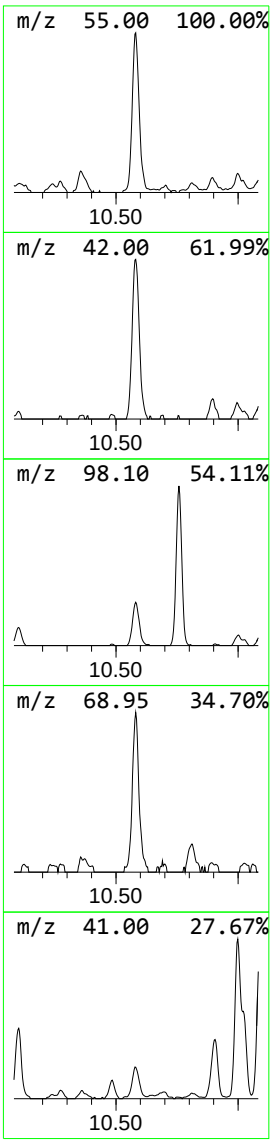
****

Peak Number 7 Cyclohexanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	5.86 ug/L	71573	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

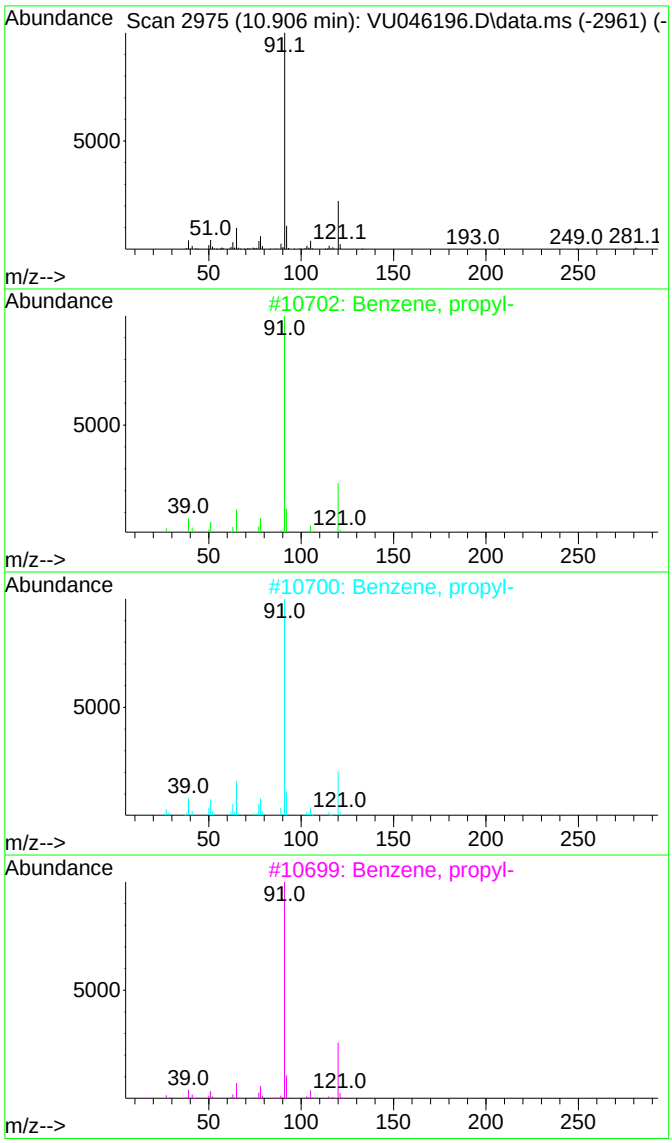
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

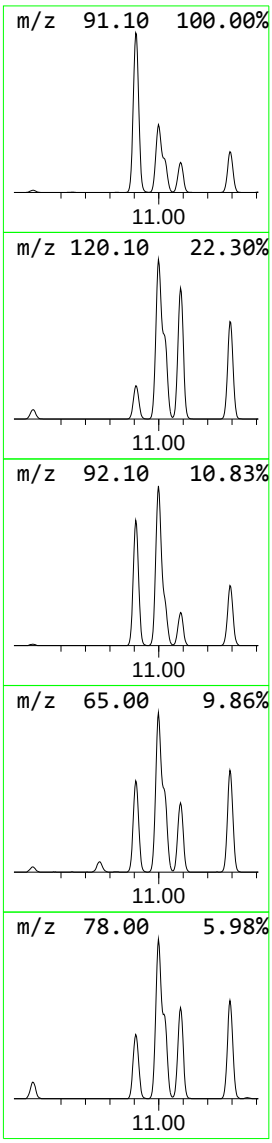
****

Peak Number 8 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	64.49 ug/L	1042670	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

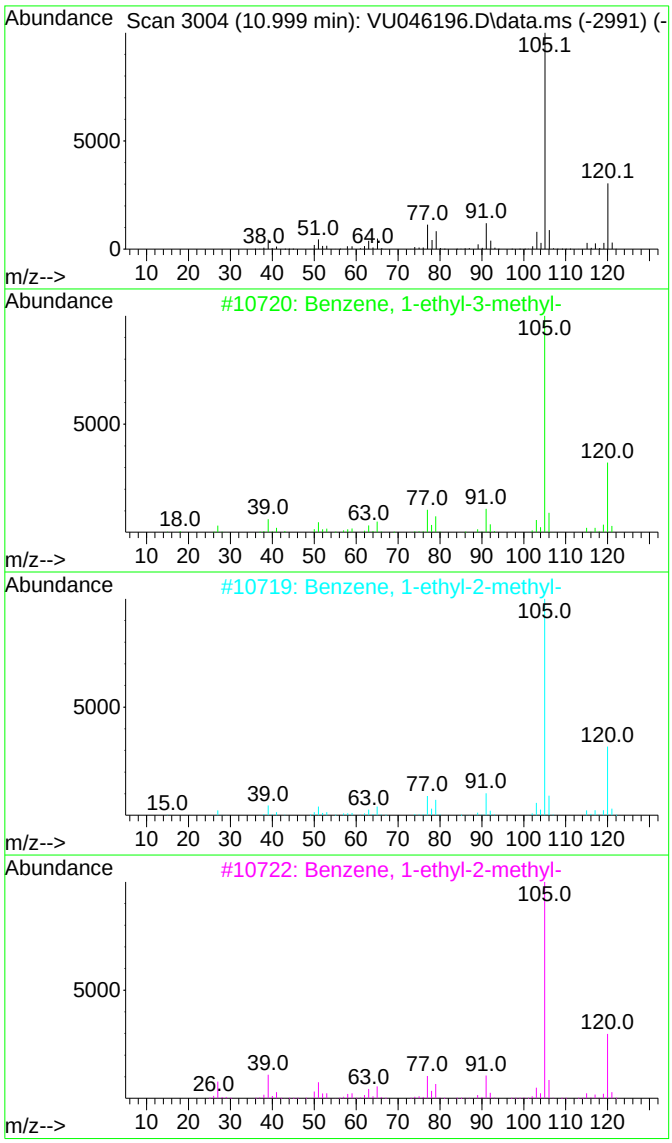
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

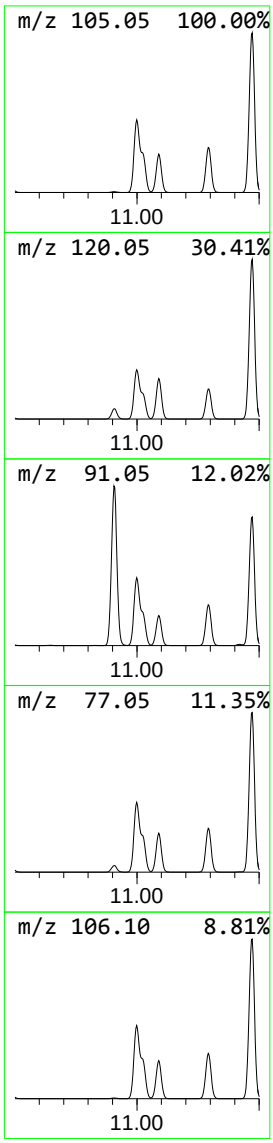
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	389.42 ug/L	6295870	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

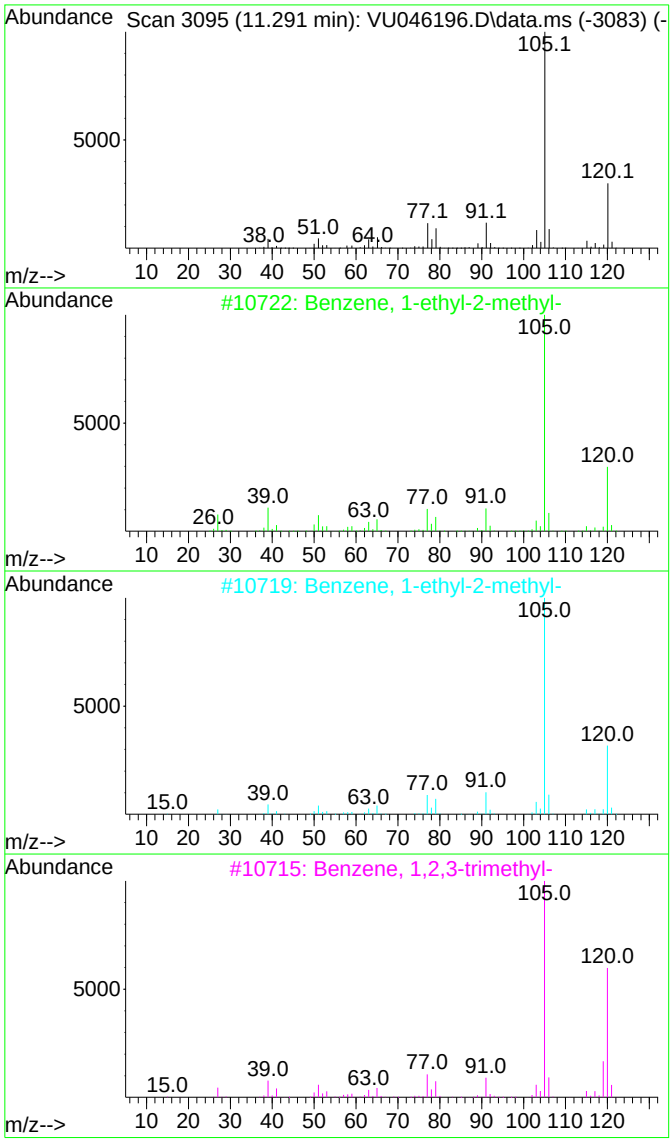
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

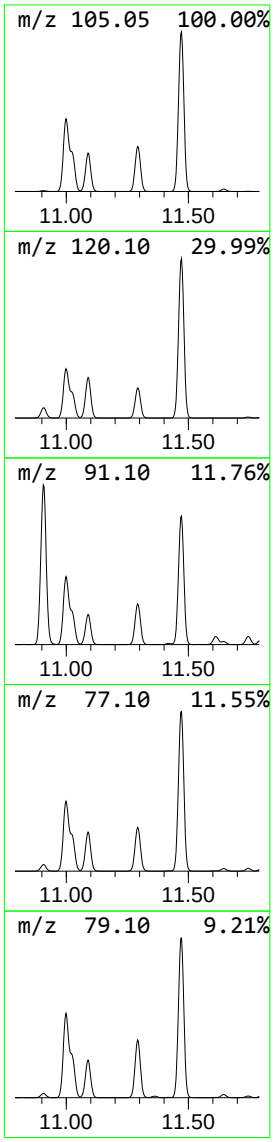
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	165.88 ug/L	2681860	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

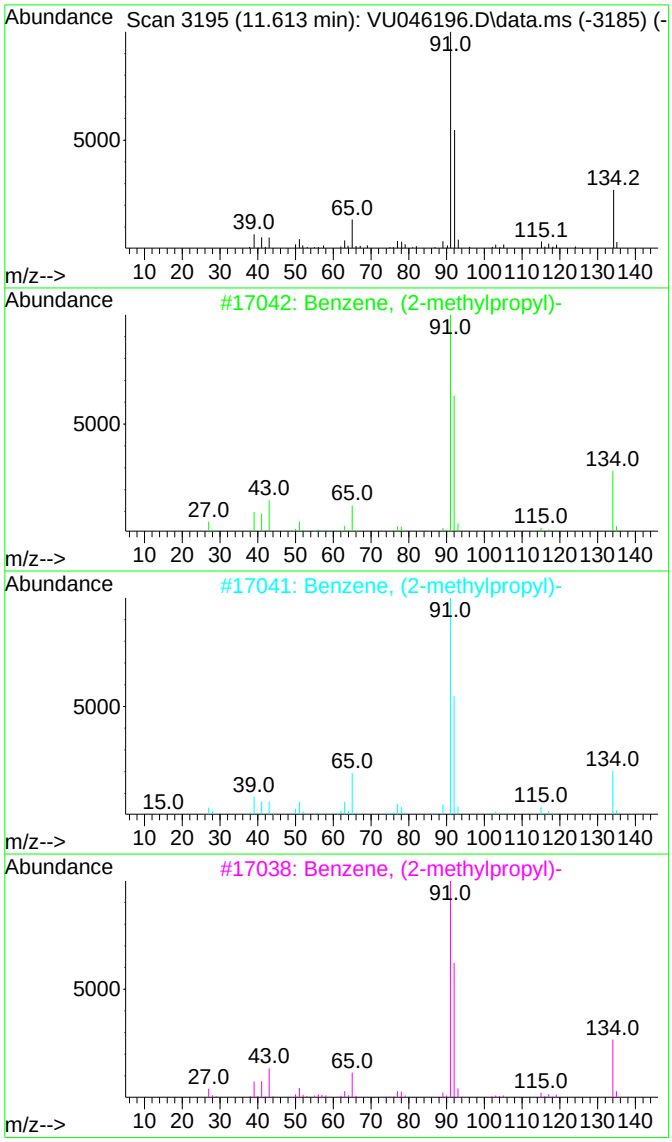
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

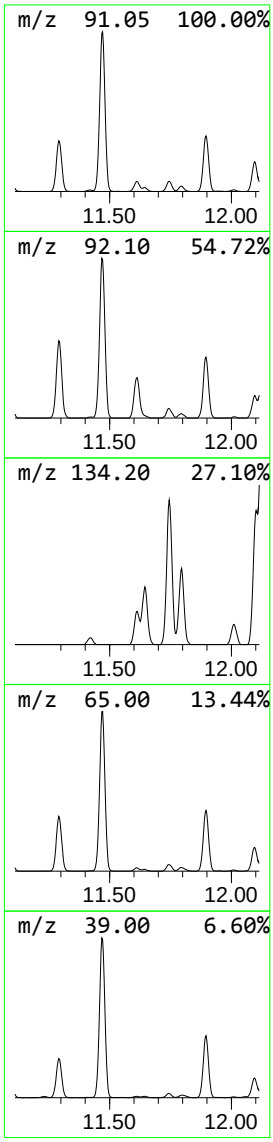
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-methylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.613	4.34 ug/L	70214	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	94
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	94
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

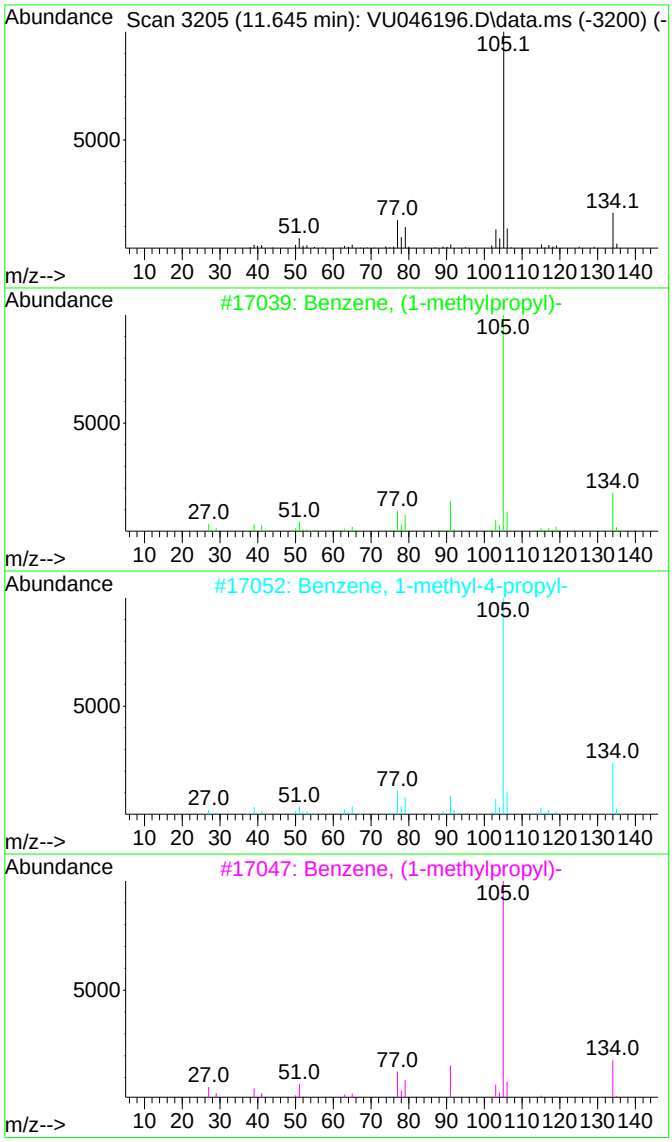
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

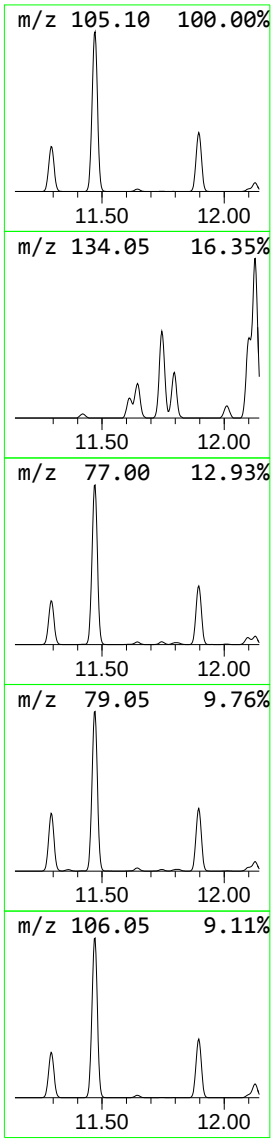
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	7.66 ug/L	123852	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

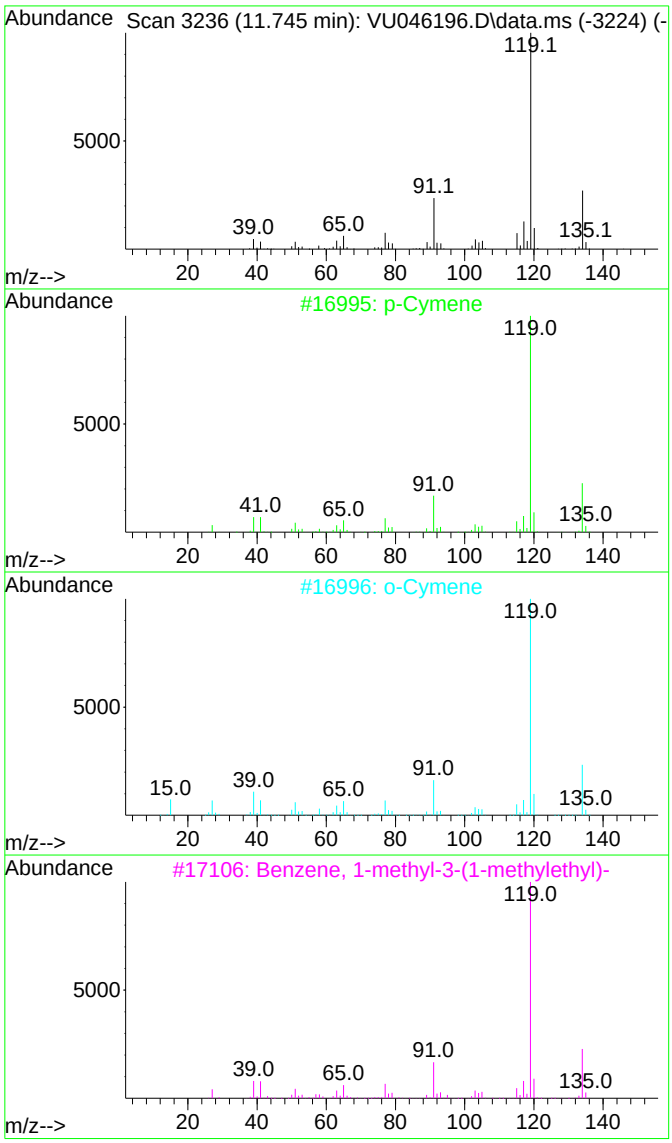
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

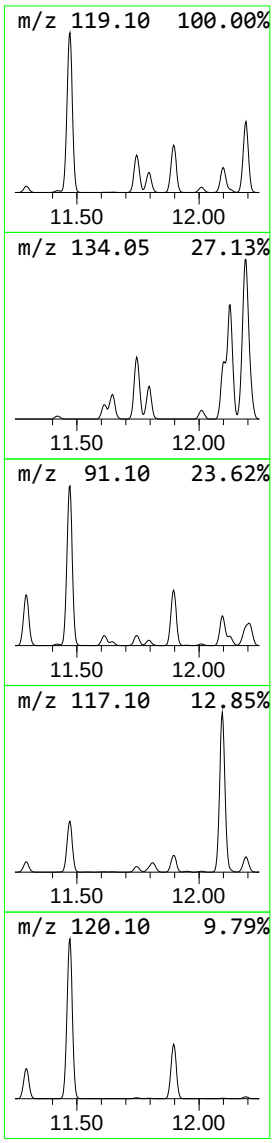
****

Peak Number 13 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	18.16 ug/L	293626	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

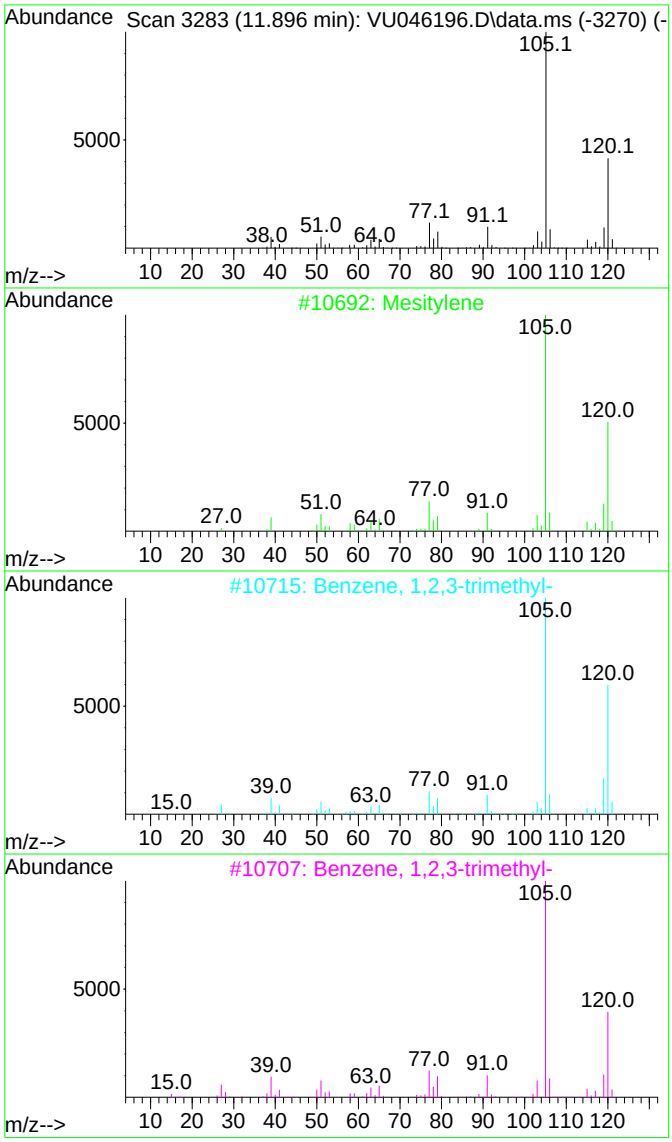
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

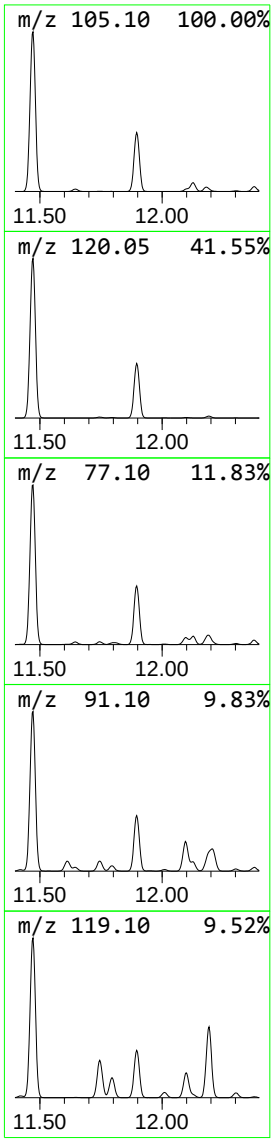
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	234.63 ug/L	3793370	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

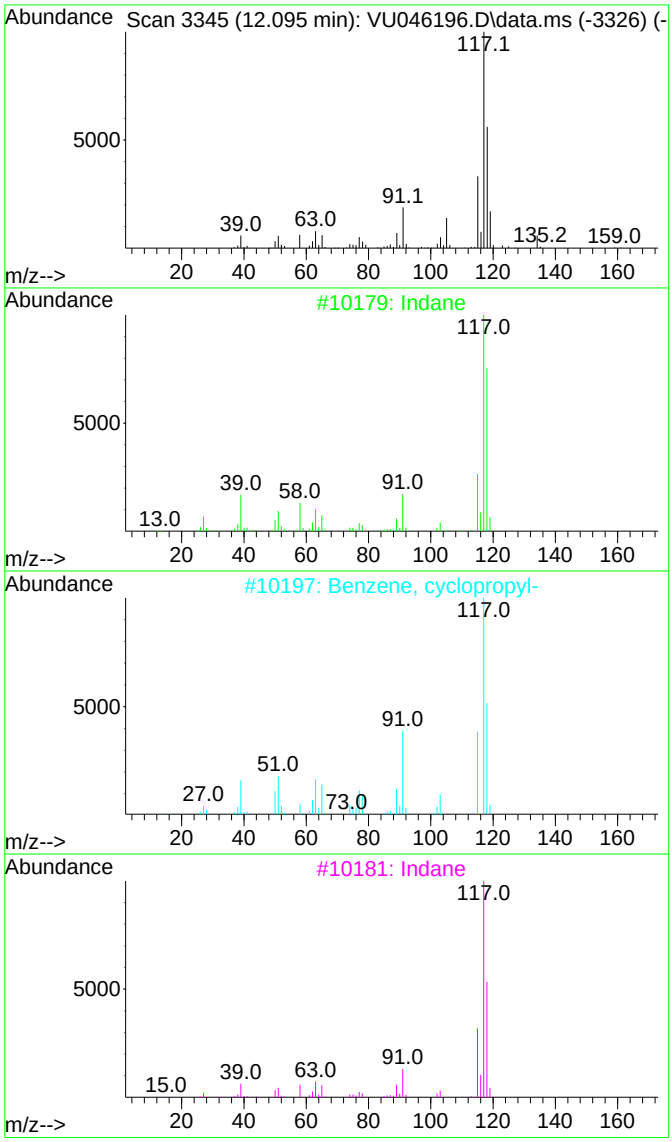
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

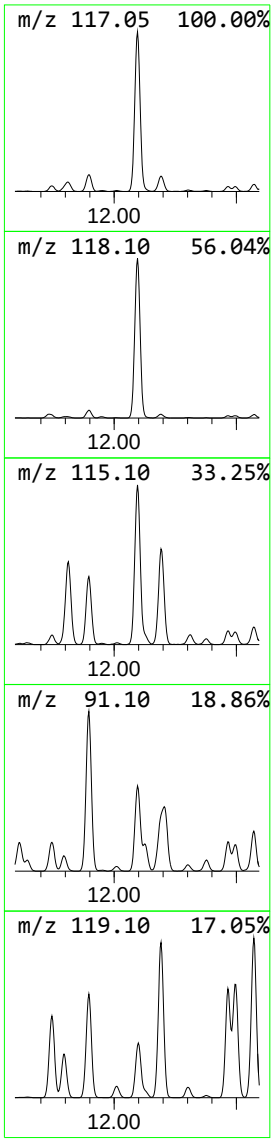
****

Peak Number 15 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	94.12 ug/L	1521620	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	76
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

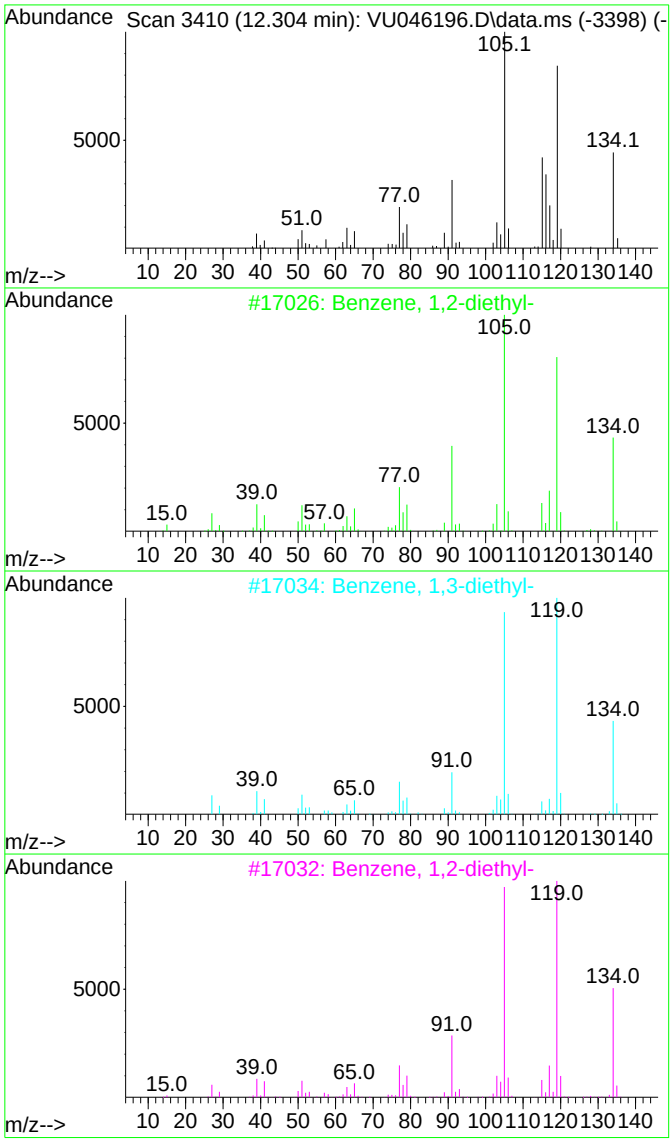
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

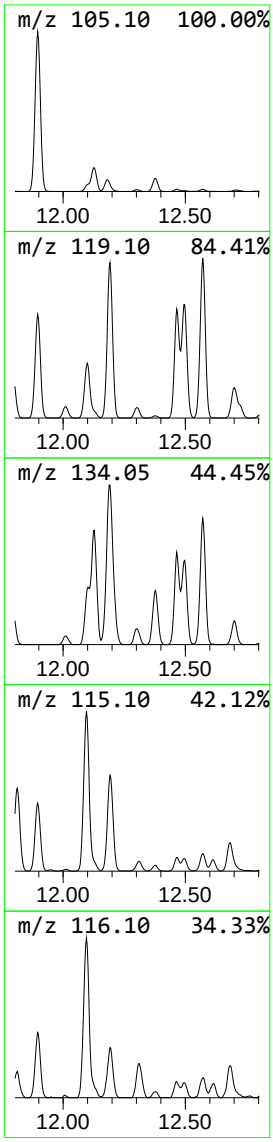
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	5.78 ug/L	93521	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

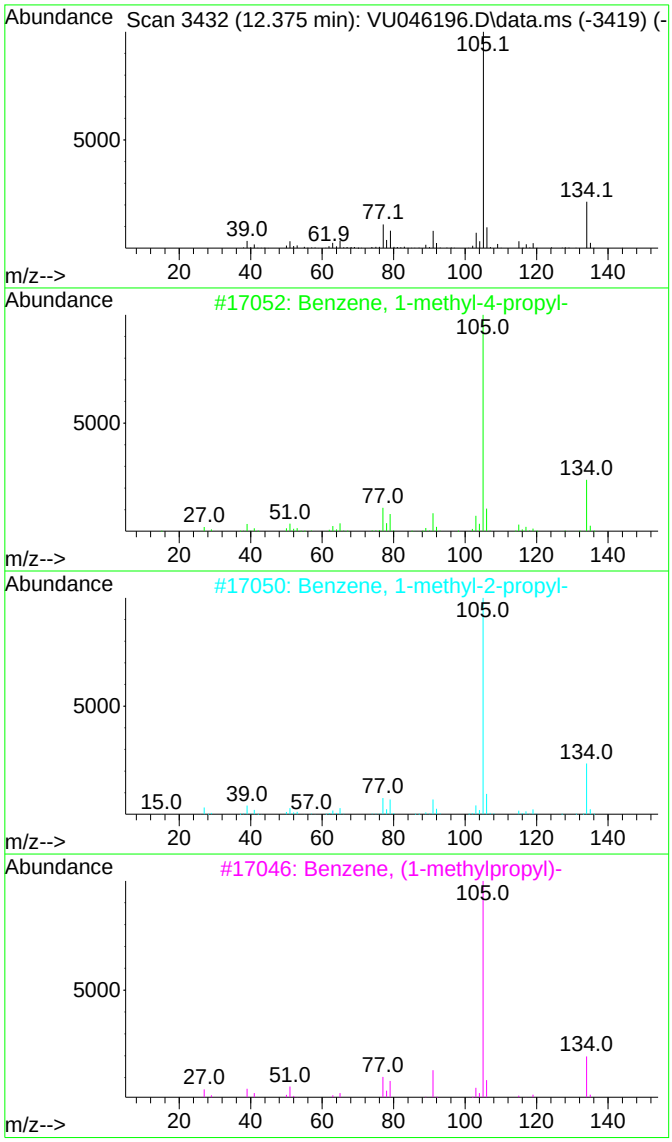
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

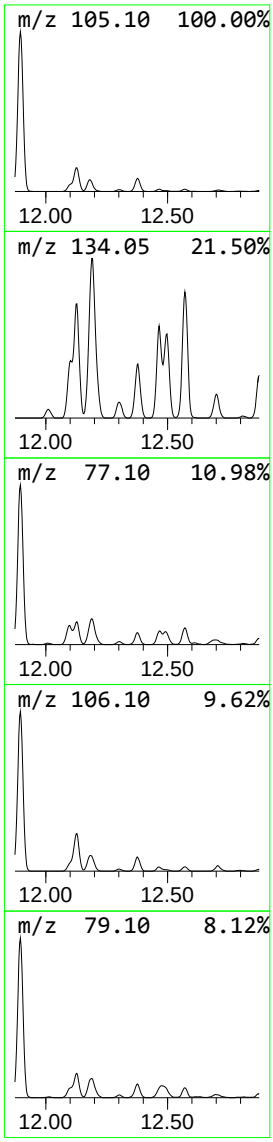
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	18.31 ug/L	296020	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

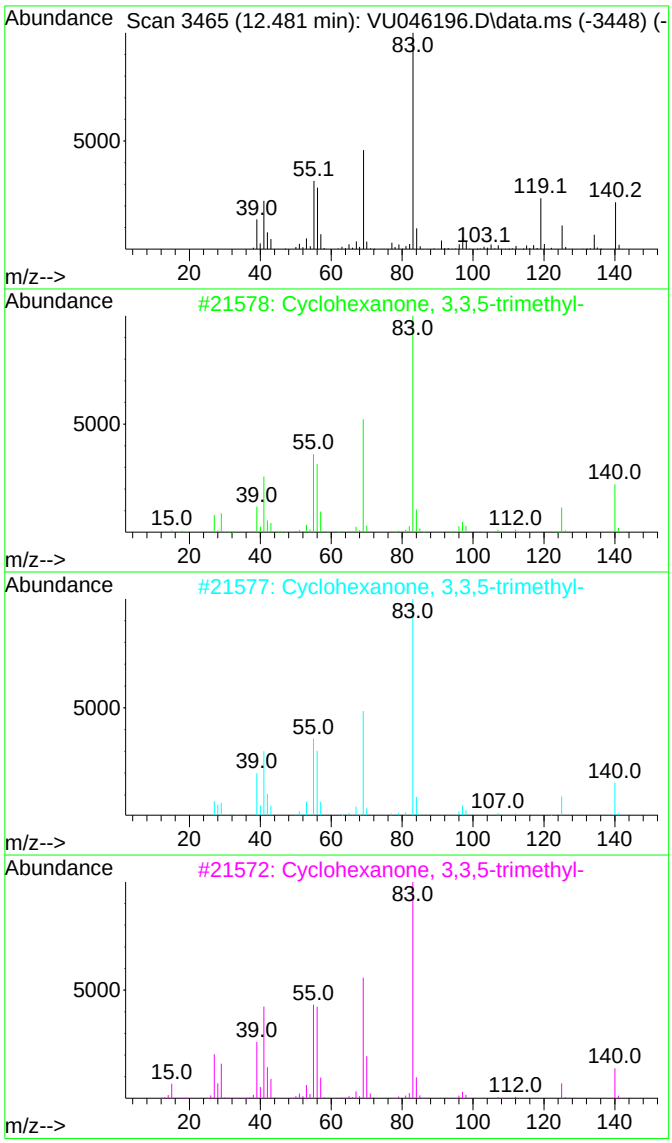
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

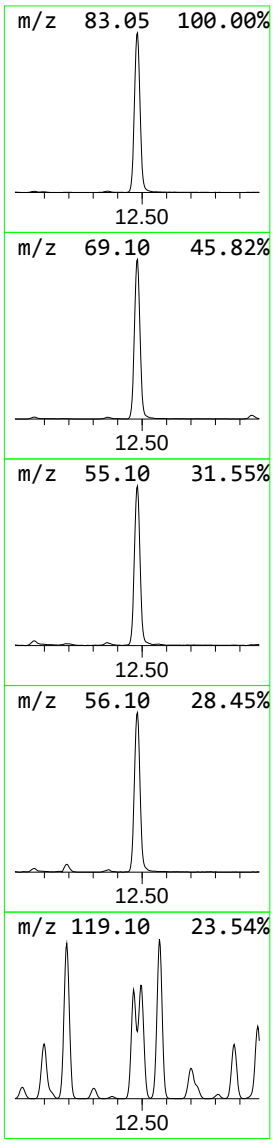
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	132.11 ug/L	2135860	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5	Verbenyl angelate, cis-	234	C15H22O2	1000383-56-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

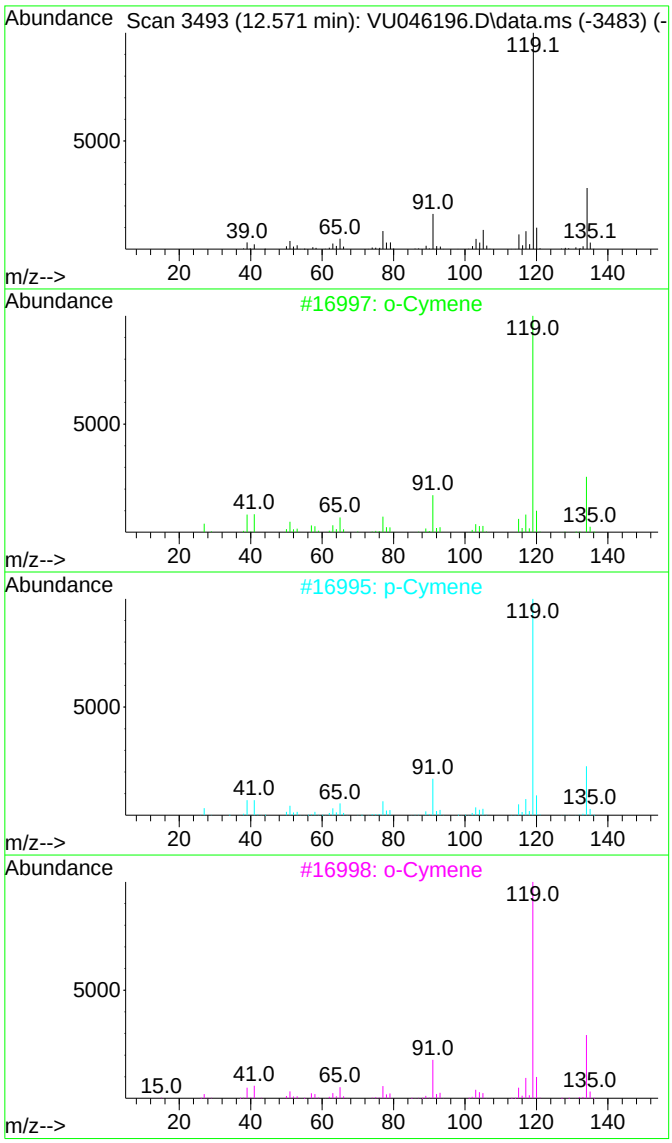
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

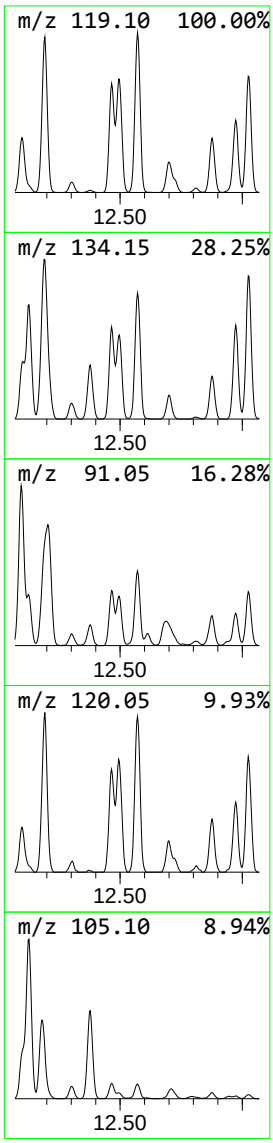
****

Peak Number 19 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	32.95 ug/L	532748	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

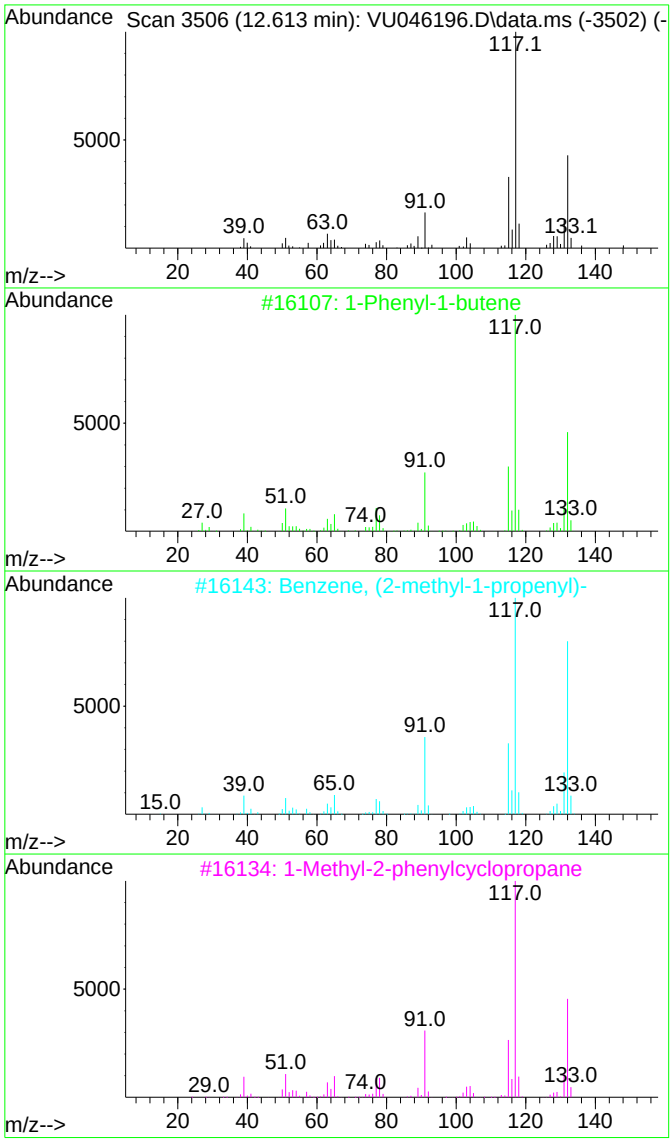
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

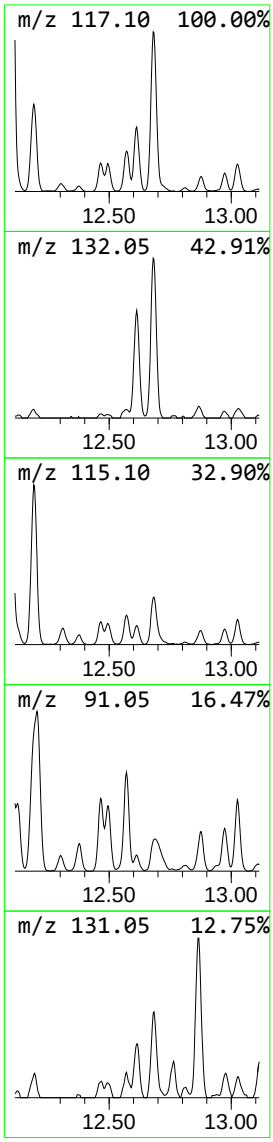
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Phenyl-1-butene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	5.16 ug/L	83483	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

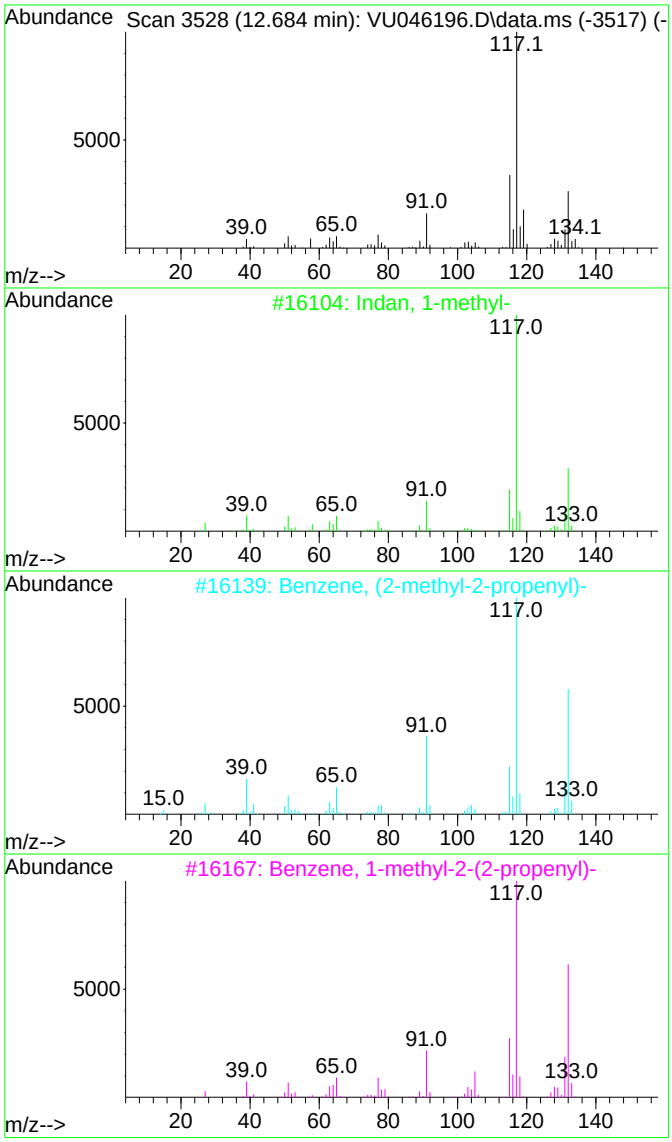
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

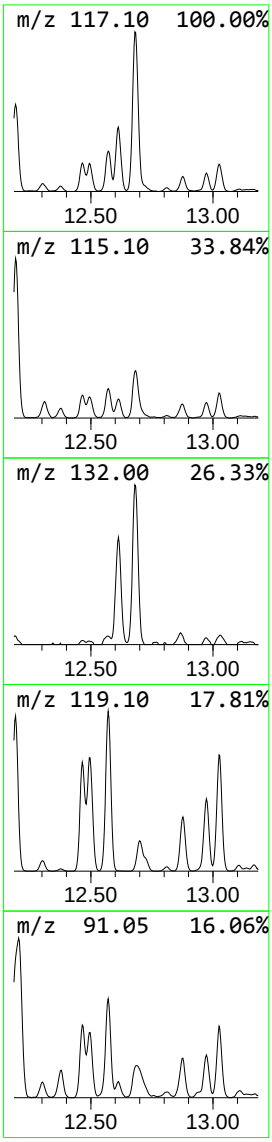
****

Peak Number 21 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	22.03 ug/L	356230	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

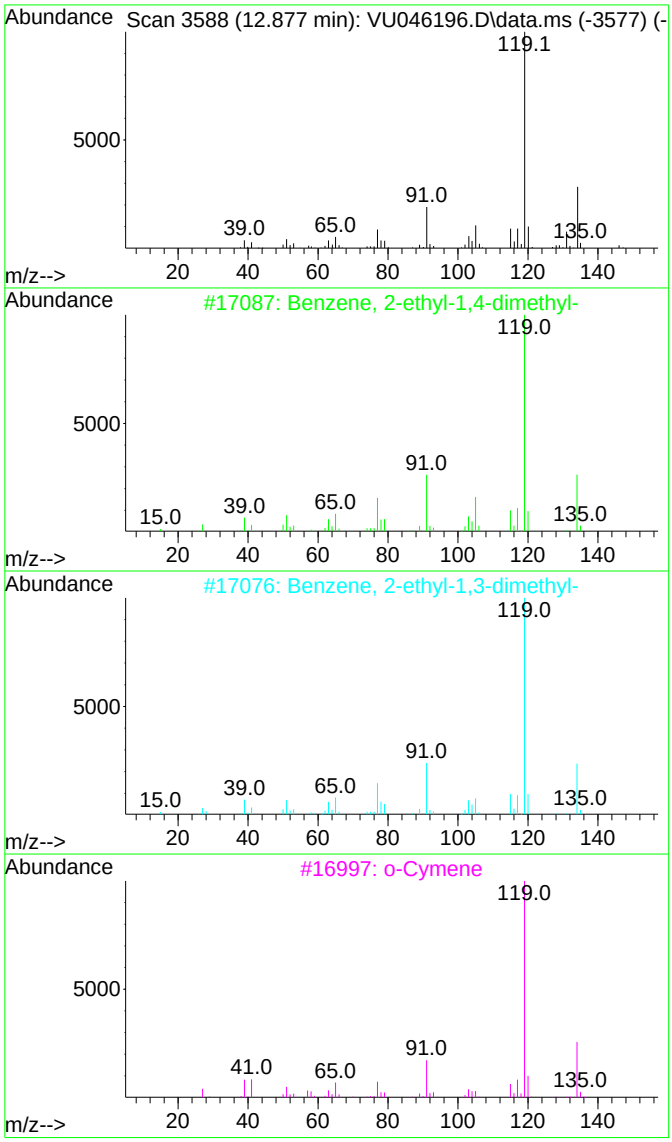
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

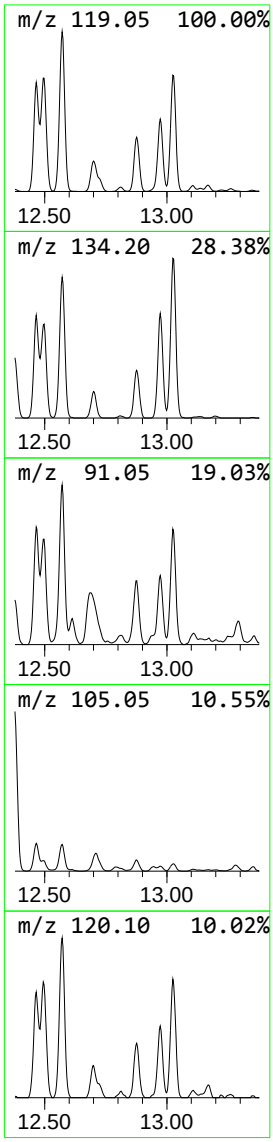
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	13.11 ug/L	212003	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

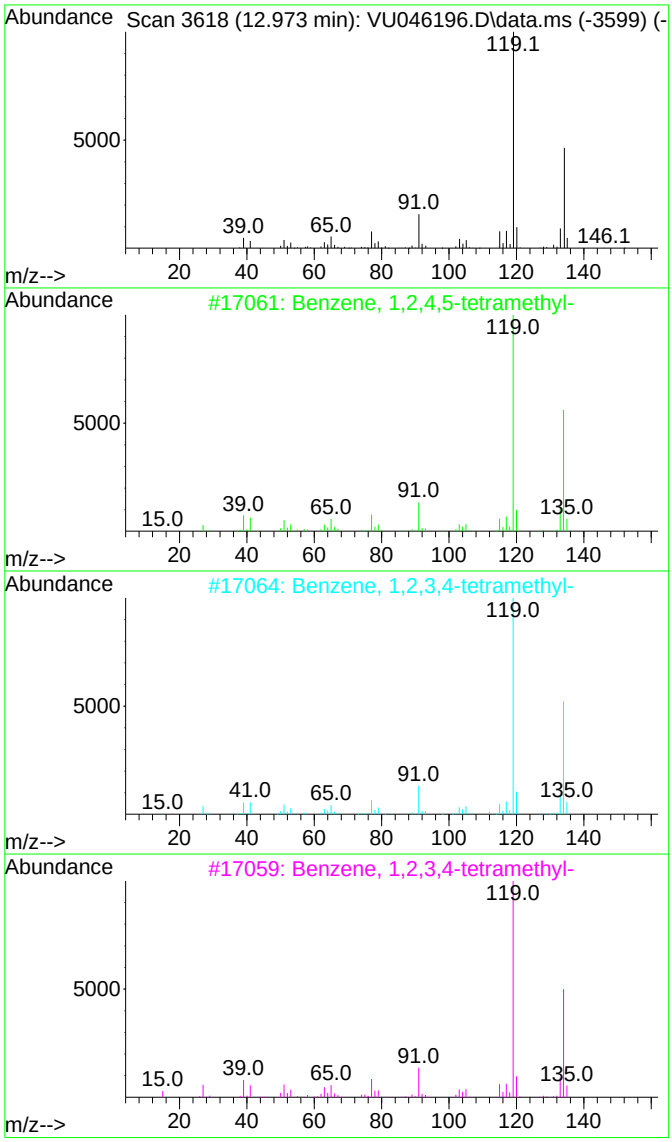
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

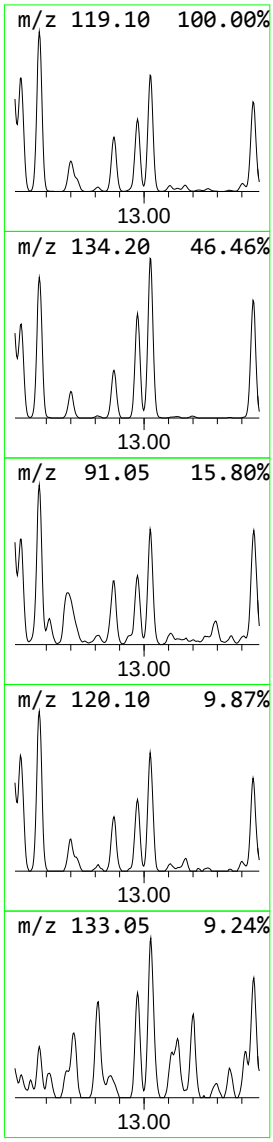
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	18.67 ug/L	301865	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

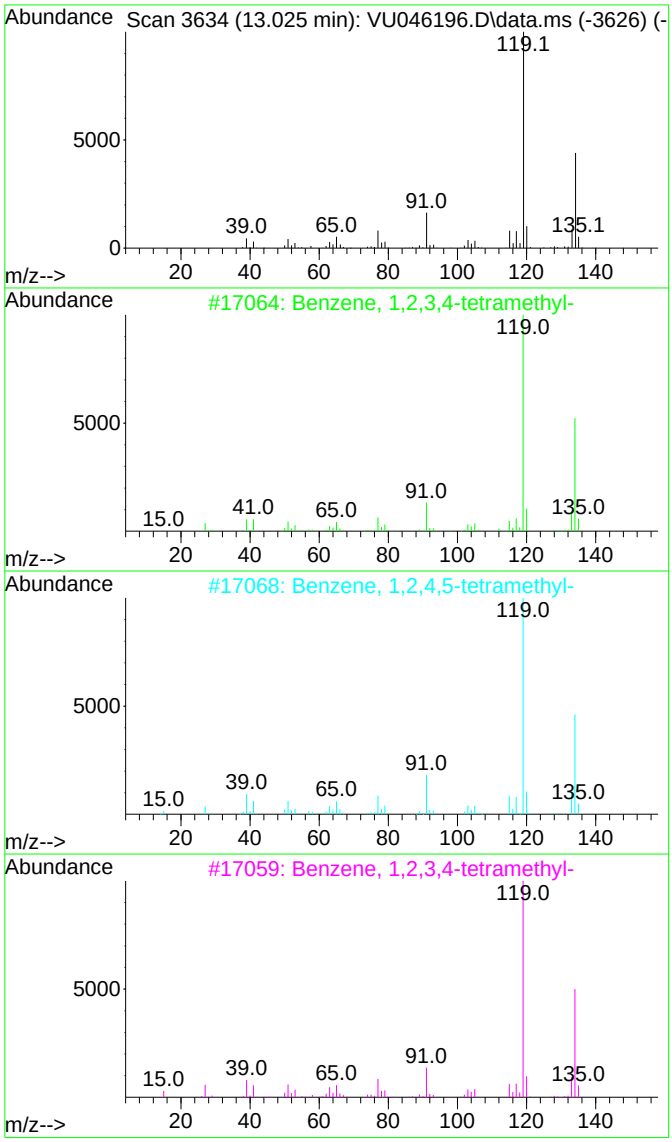
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

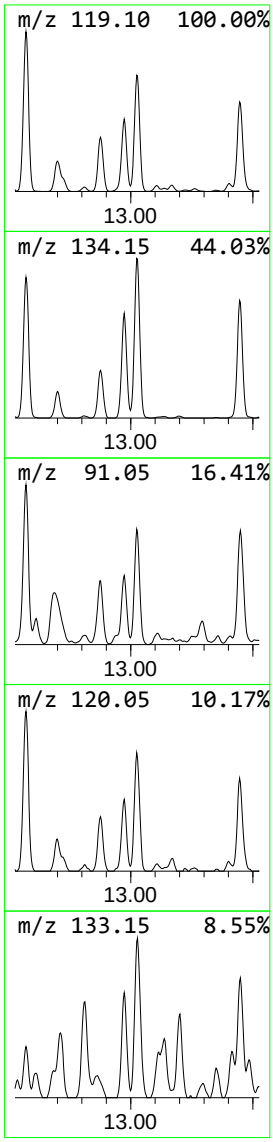
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	25.75 ug/L	416338	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

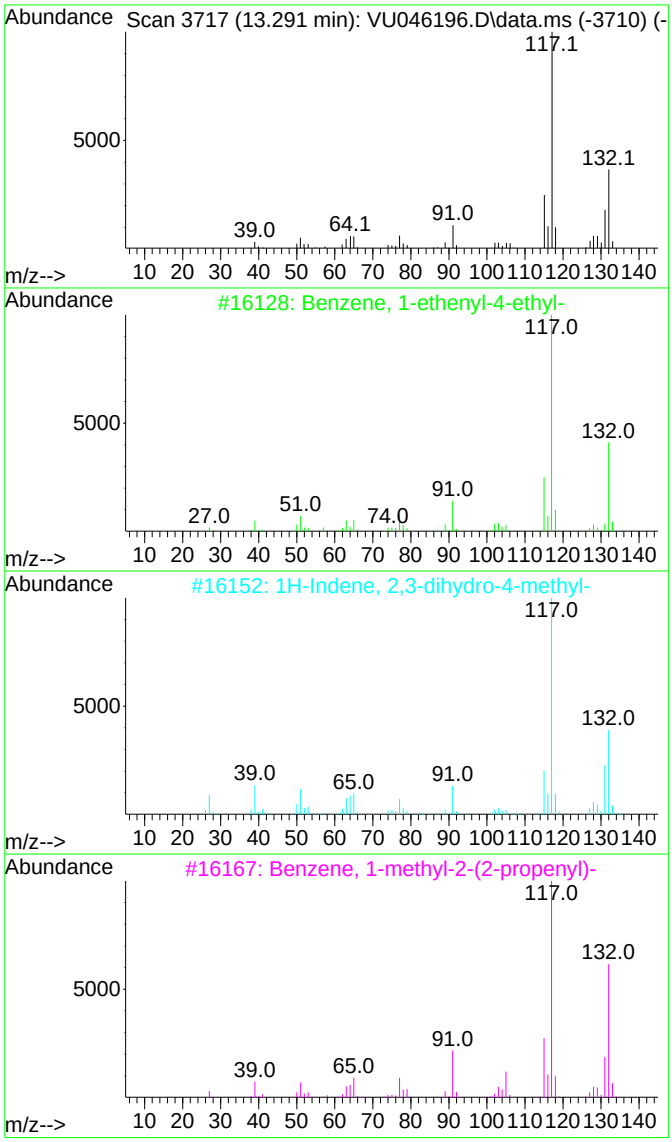
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

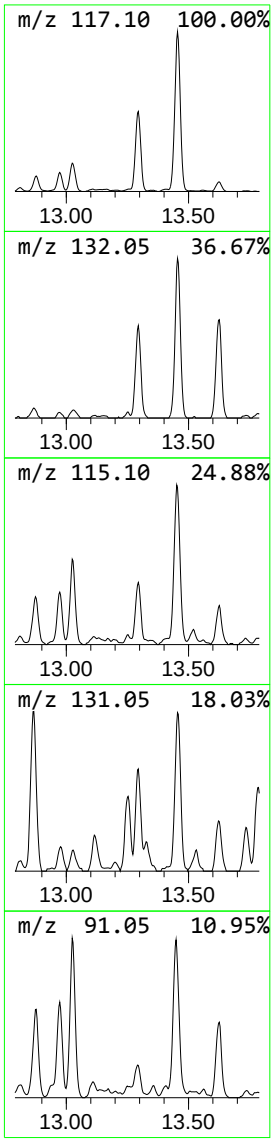
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	6.71 ug/L	108529	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

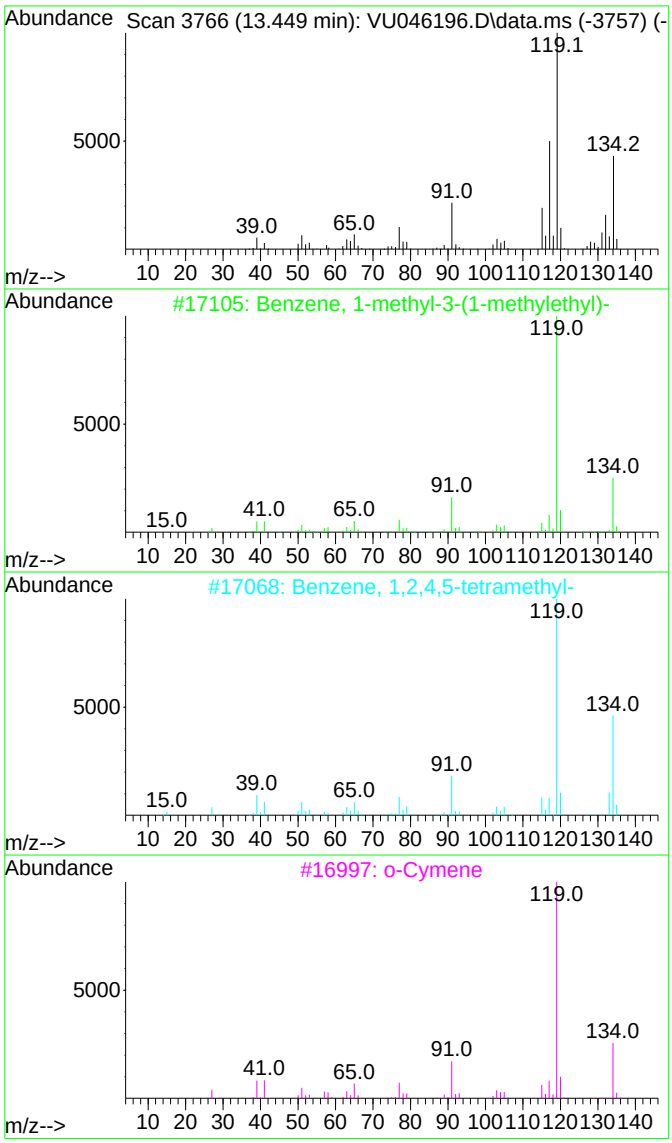
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

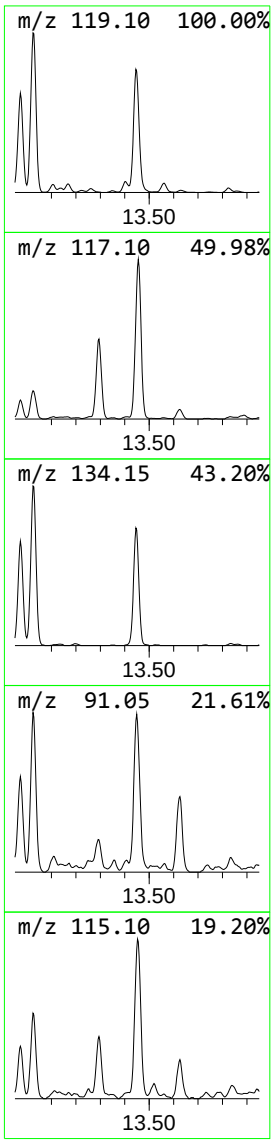
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	30.19 ug/L	488110	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

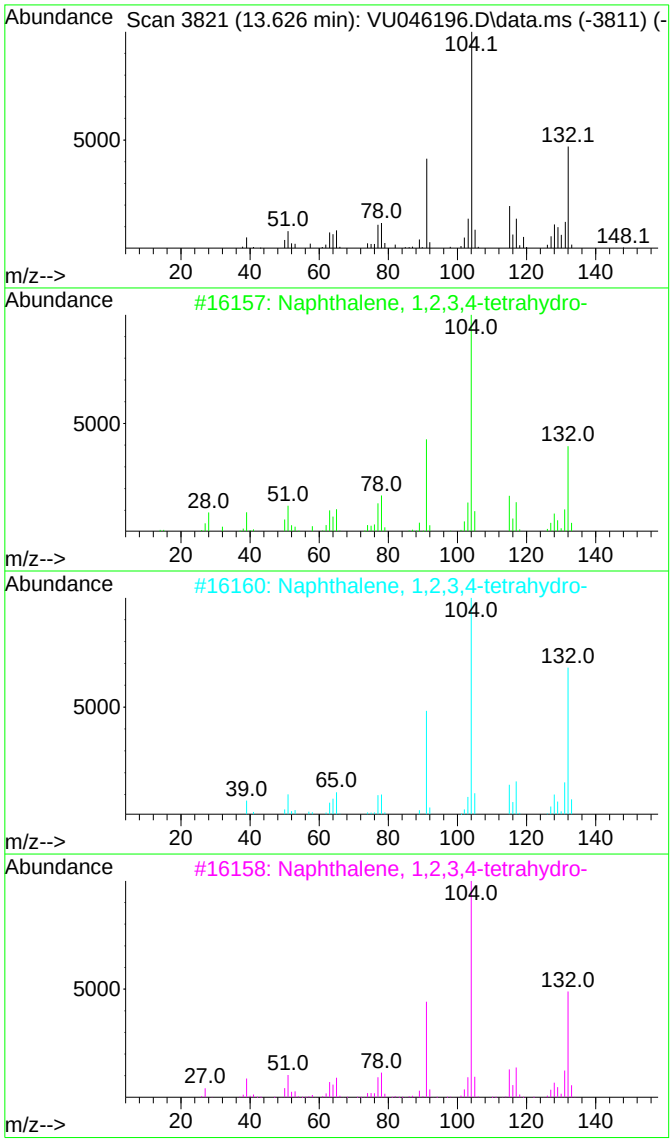
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

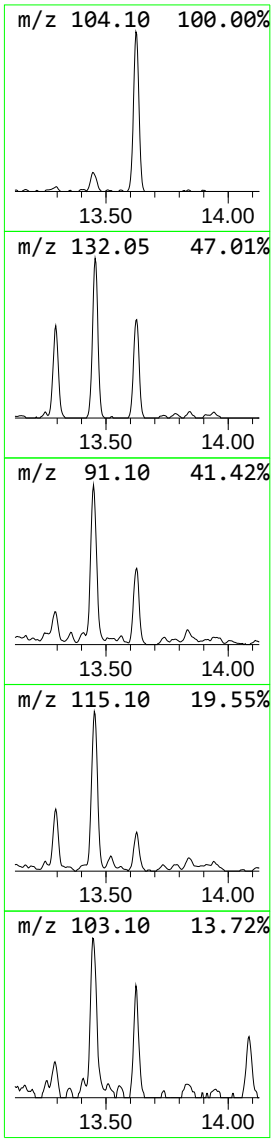
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	7.78 ug/L	125812	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

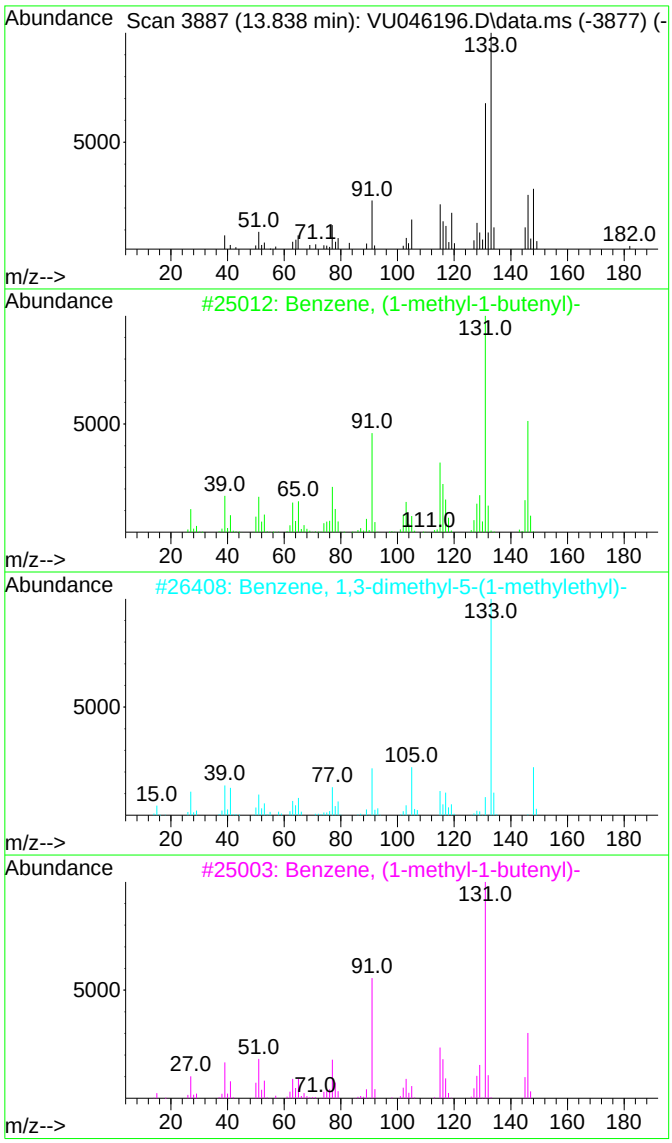
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

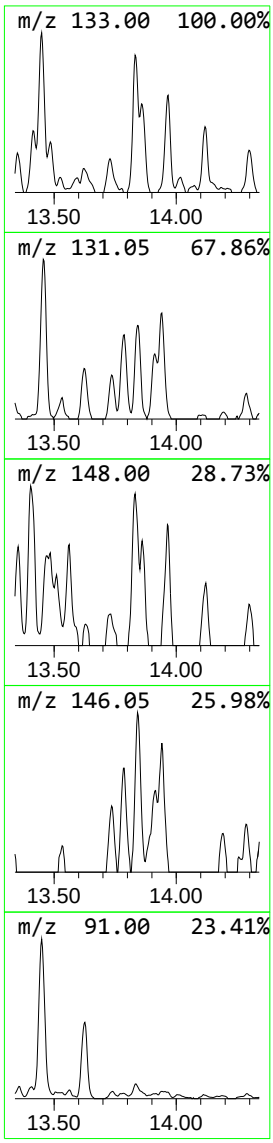
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1-methyl-1-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	3.45 ug/L	55776	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	56
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

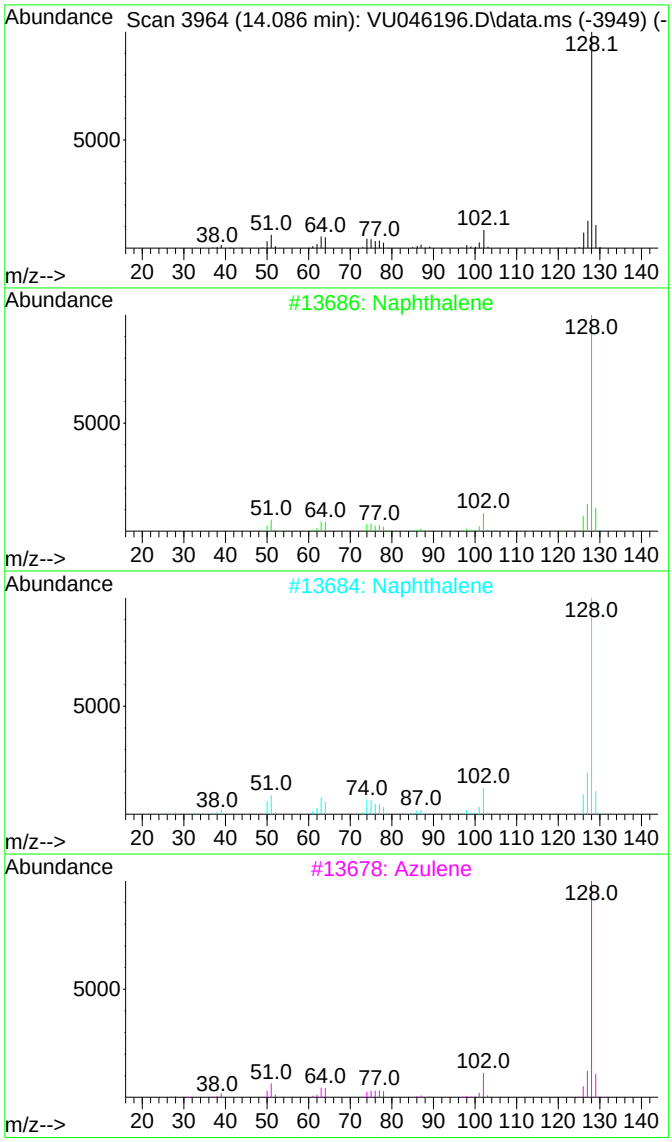
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

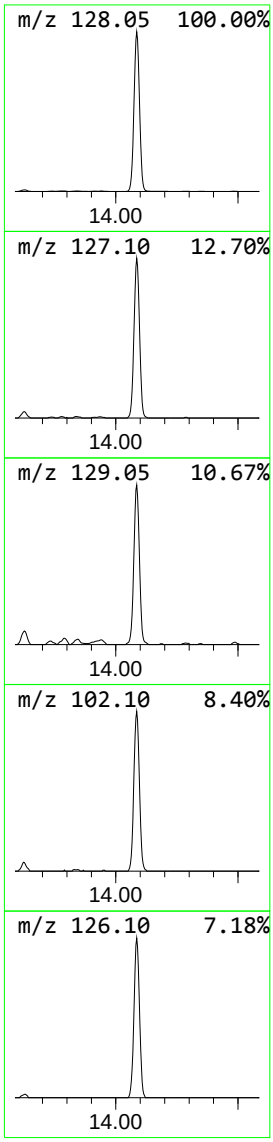
****

Peak Number 29 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	38.70 ug/L	625681	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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
Methanethiol	1.793	2.6	ug/L	24874	1	6.250	480505	50.0
Fluorodichlorom...	2.086	4.1	ug/L	39416	1	6.250	480505	50.0
2-Ethyl-oxetane	3.707	2.9	ug/L	27400	1	6.250	480505	50.0
(DEL) Alkane: C...	4.539	3.7	ug/L	35685	1	6.250	480505	50.0
Disulfide, dime...	7.681	19.5	ug/L	187372	1	6.250	480505	50.0
Cyclohexanone	10.581	5.9	ug/L	71573	2	9.417	611207	50.0
Benzene, propyl-	10.906	64.5	ug/L	1042670	3	11.812	808374	50.0
Benzene, 1-ethy...	10.999	389.4	ug/L	6295870	3	11.812	808374	50.0
Benzene, 1-ethy...	11.291	165.9	ug/L	2681860	3	11.812	808374	50.0
Benzene, (2-met...	11.613	4.3	ug/L	70214	3	11.812	808374	50.0
Benzene, (1-met...	11.645	7.7	ug/L	123852	3	11.812	808374	50.0
p-Cymene	11.745	18.2	ug/L	293626	3	11.812	808374	50.0
Benzene, 1-ethy...	11.896	234.6	ug/L	3793370	3	11.812	808374	50.0
Indane	12.095	94.1	ug/L	1521620	3	11.812	808374	50.0
Benzene, 1,2-di...	12.304	5.8	ug/L	93521	3	11.812	808374	50.0
Benzene, 1-meth...	12.375	18.3	ug/L	296020	3	11.812	808374	50.0
Cyclohexanone, ...	12.481	132.1	ug/L	2135860	3	11.812	808374	50.0
o-Cymene	12.571	33.0	ug/L	532748	3	11.812	808374	50.0
1-Phenyl-1-butene	12.613	5.2	ug/L	83483	3	11.812	808374	50.0
Indan, 1-methyl-	12.684	22.0	ug/L	356230	3	11.812	808374	50.0
Benzene, 2-ethy...	12.877	13.1	ug/L	212003	3	11.812	808374	50.0
Benzene, 1,2,4,...	12.973	18.7	ug/L	301865	3	11.812	808374	50.0
Benzene, 1,2,3,...	13.025	25.8	ug/L	416338	3	11.812	808374	50.0
Benzene, 1-ethe...	13.291	6.7	ug/L	108529	3	11.812	808374	50.0
Benzene, 1-meth...	13.449	30.2	ug/L	488110	3	11.812	808374	50.0
Naphthalene, 1,...	13.626	7.8	ug/L	125812	3	11.812	808374	50.0
Benzene, (1-met...	13.838	3.5	ug/L	55776	3	11.812	808374	50.0
Azulene	14.086	38.7	ug/L	625681	3	11.812	808374	50.0