LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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: VU046140.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	63	82	110	rBV2	185846	337913	4.30%	0.536%
2	1.735	116	123	135	rVB	60539	74171	0.94%	0.118%
3	1.919	172	180	196	rVB	85796	120918	1.54%	0.192%
4	2.378	312	323	346	rVB	636257	955053	12.14%	1.516%
5	2.571	371	383	395	rBV	201149	333296	4.24%	0.529%
6	2.652	395	408	438	rVB	137019	422210	5.37%	0.670%
7	3.359	617	628	643	rVB2	16445	33343	0.42%	0.053%
8	3.874	772	788	810	rVB	55364	129344	1.64%	0.205%
9	3.993	810	825	842	rBV4	6253	15836	0.20%	0.025%
10	4.671	1011	1036	1078	rBV3	1202404	3224721	40.99%	5.120%
11	5.066	1133	1159	1188	rBV	168762	400643	5.09%	0.636%
12	5.729	1343	1365	1370	rBV2	339313	850896	10.82%	1.351%
13	5.777	1370	1380	1401	rVB	1657542	3464613	44.04%	5.501%
14	6.156	1478	1498	1514	rBV	58934	122372	1.56%	0.194%
15	6.250	1515	1527	1543	rVV	59454	109995	1.40%	0.175%
16	6.542	1600	1618	1633	rBV	35896	70233	0.89%	0.112%
17	6.693	1650	1665	1678	rBV	201543	388108	4.93%	0.616%
18	6.771	1679	1689	1711	rVB2	33550	79800	1.01%	0.127%
19	6.925	1725	1737	1752	rBV	8662	15192	0.19%	0.024%
20	7.568	1923	1937	1949	rBV	122543	210870	2.68%	0.335%
21	7.793	1995	2007	2024	rBV	78139	139794	1.78%	0.222%
22	7.899	2026	2040	2050	rBV	440632	766175	9.74%	1.216%
23	7.973	2050	2063	2103	rVB	4441975	7765256	98.71%	12.329%
24	8.179	2116	2127	2136	rBV	82993	136404	1.73%	0.217%
25	8.234	2136	2144	2165	rVB	39730	79289	1.01%	0.126%
26	8.552	2231	2243	2256	rVB2	45214	74703	0.95%	0.119%
27	8.632	2256	2268	2280	rBV	416555	721208	9.17%	1.145%
28	9.369	2478	2497	2503	rBV4	13852	34867	0.44%	0.055%
29	9.420	2504	2513	2518	rBV	77782	125749	1.60%	0.200%
30	9.571	2546	2560	2582	rBV	2008887	3258680	41.42%	5.174%
31	9.693	2583	2598	2615	rVV	4763087	7867111	100.00%	12.490%
32	9.777	2615	2624	2636	rVV	103371	177681	2.26%	0.282%
33	9.851	2637	2647	2654	rVV5	7486	16189	0.21%	0.026%
34	9.912	2654	2666	2687	rVB4	38096	83031	1.06%	0.132%
35	10.102	2710	2725	2747	rVV2	2094818	3652371	46.43%	5.799%
36	10.233	2748	2766	2777	rVV	86325	149457	1.90%	0.237%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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	10.359	2792	2805	2830	rBV4	46780	107695	1.37%	0.171%
38	10.484	2832	2844	2856	rBV	296342	472868	6.01%	0.751%
39	10.571	2856	2871	2892	rVB	3465036	5692301	72.36%	9.037%
40	10.684	2897	2906	2917	rVB	37341	60111	0.76%	0.095%
41	10.758	2917	2929	2944	rVB	308530	493371	6.27%	0.783%
42	10.854	2952	2959	2964	rBV5	10794	15219	0.19%	0.024%
43	10.905	2964	2975	2986	rBV	149522	240013	3.05%	0.381%
44	10.999	2986	3004	3022	rBV2	600674	1347819	17.13%	2.140%
45	11.089	3022	3032	3047	rVB2	386235	616226	7.83%	0.978%
46	11.163	3047	3055	3065	rVB2	27155	42027	0.53%	0.067%
47	11.291	3083	3095	3112	rBV	303229	550271	6.99%	0.874%
48	11.417	3126	3134	3138	rBV6	11641	16107	0.20%	0.026%
49	11.468	3138	3150	3163	rVB	1318417	2015052	25.61%	3.199%
50	11.536	3163	3171	3176	rBV	68271	97305	1.24%	0.154%
51	11.571	3176	3182	3197	rVV2	100674	172059	2.19%	0.273%
52	11.645	3198	3205	3213	rVB2	38729	53545	0.68%	0.085%
53	11.738	3223	3234	3244	rVB4	60092	126906	1.61%	0.201%
54	11.812	3245	3257	3272	rBV3	106907	258489	3.29%	0.410%
55	11.896	3272	3283	3302	rBV	449700	726539	9.24%	1.154%
56	12.057	3323	3333	3338	rBV	181993	277020	3.52%	0.440%
57	12.095	3338	3345	3363	rVB3	303796	576702	7.33%	0.916%
58	12.195	3363	3376	3394	rVB3	609007	1377365	17.51%	2.187%
59	12.314	3397	3413	3425	rBV	111180	203760	2.59%	0.324%
60	12.378	3425	3433	3446	rVB	38374	60573	0.77%	0.096%
61	12.465	3447	3460	3465	rBV	74935	131797	1.68%	0.209%
62	12.571	3483	3493	3501	rBV	93571	134977	1.72%	0.214%
63	12.619	3501	3508	3519	rVV5	18508	41454	0.53%	0.066%
64	12.684	3519	3528	3547	rVV4	43034	102754	1.31%	0.163%
65	12.770	3547	3555	3562	rVV2	45533	67401	0.86%	0.107%
66	12.812	3562	3568	3579	rVV3	35337	58285	0.74%	0.093%
67	12.876	3580	3588	3595	rVV3	33149	52346	0.67%	0.083%
68	12.950	3599	3611	3626	rVV2	279952	563731	7.17%	0.895%
69	13.028	3626	3635	3646	rVB	118995	191863	2.44%	0.305%
70	13.294	3709	3718	3728	rVV2	61631	98327	1.25%	0.156%
71	13.420	3746	3757	3759	rBV3	55737	75774	0.96%	0.120%
72	13.452	3760	3767	3777	rVV3	134657	233930	2.97%	0.371%
73	13.513	3777	3786	3799	rVV	281868	434147	5.52%	0.689%
74	13.626	3811	3821	3834	rBV4	82106	140451	1.79%	0.223%
75	13.738	3844	3856	3867	rBV	338007	566924	7.21%	0.900%
76	13.841	3880	3888	3890	rBV4	42074	54514	0.69%	0.087%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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	13.867	3891	3896	3908	rVB2	78605	118436	1.51%	0.188%
78	13.941	3914	3919	3931	rVB5	17655	30243	0.38%	0.048%
79	14.085	3951	3964	3981	rVB	3372612	5375931	68.33%	8.535%
80	14.204	3991	4001	4013	rVB	72460	131159	1.67%	0.208%
81	14.285	4016	4026	4037	rBV9	22691	51041	0.65%	0.081%
82	14.420	4061	4068	4082	rVV	56229	91951	1.17%	0.146%
83	14.507	4082	4095	4109	rVV3	38924	93798	1.19%	0.149%
84	14.677	4136	4148	4159	rBV7	23136	57888	0.74%	0.092%
85	14.809	4182	4189	4199	rVB2	10152	15905	0.20%	0.025%
86	14.876	4202	4210	4220	rVB3	16864	25594	0.33%	0.041%
87	15.011	4241	4252	4265	rBV7	23765	46293	0.59%	0.073%
88	15.220	4305	4317	4343	rVB	600078	969812	12.33%	1.540%
89	15.339	4343	4354	4362	rBV3	11061	18150	0.23%	0.029%
90	15.410	4362	4376	4388	rBV	276327	456156	5.80%	0.724%
91	15.950	4529	4544	4559	rBV	56349	113815	1.45%	0.181%
92	16.146	4596	4605	4611	rVV2	20627	31550	0.40%	0.050%
93	16.185	4611	4617	4629	rVB7	11123	17912	0.23%	0.028%
94	16.262	4629	4641	4665	rBV2	55310	111538	1.42%	0.177%
95	16.407	4675	4686	4692	rVV	57832	91996	1.17%	0.146%
96	16.445	4692	4698	4710	rVB	42823	65786	0.84%	0.104%
97	16.632	4740	4756	4771	rBV3	18803	41963	0.53%	0.067%
98	16.783	4791	4803	4813	rBV2	12544	21811	0.28%	0.035%
99	16.880	4825	4833	4841	rBV4	12548	19290	0.25%	0.031%
100	17.095	4890	4900	4918	rVV5	13550	32071	0.41%	0.051%

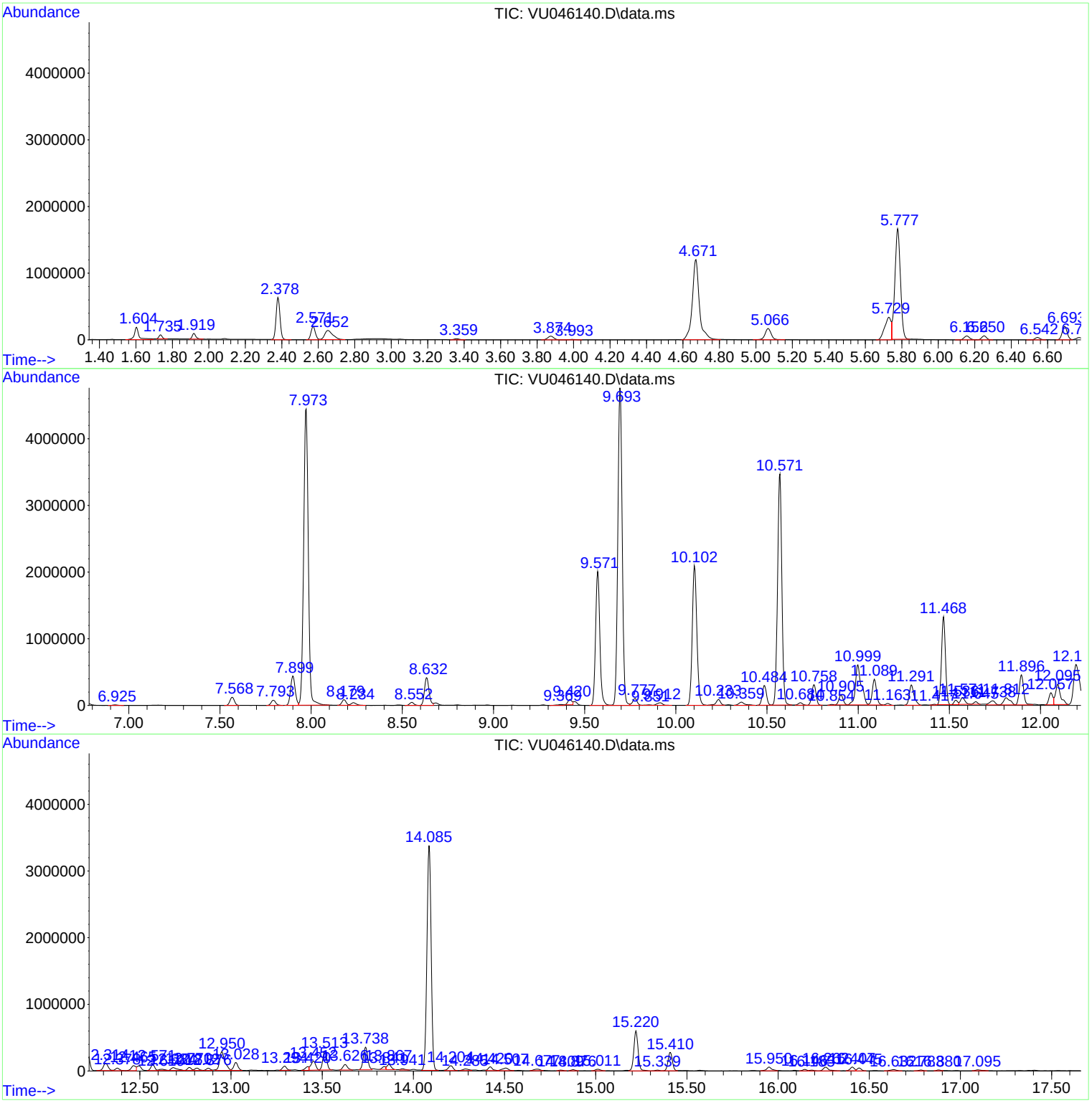
Sum of corrected areas: 62985599

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

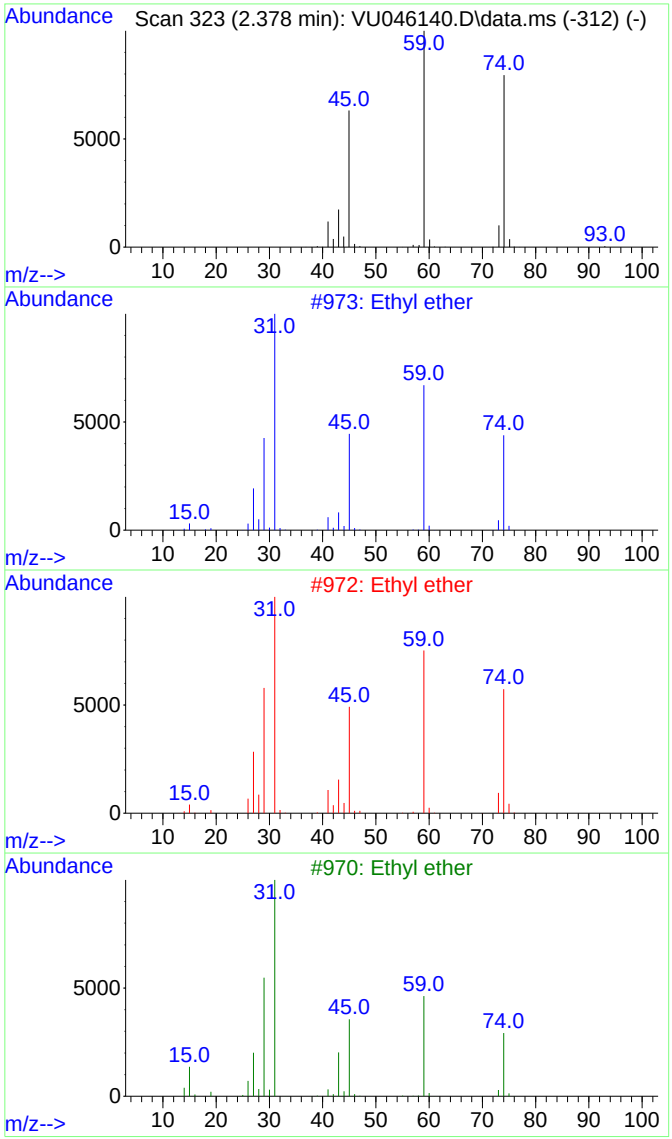
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

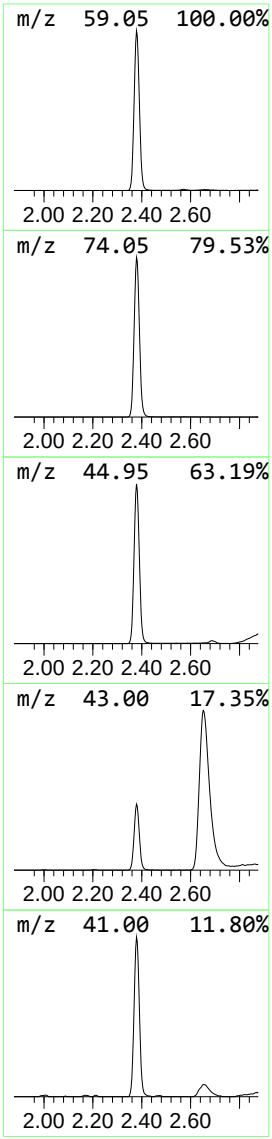
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.378	434.13 ug/L	955053	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethyl ether	74	C4H10O	000060-29-7	72
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

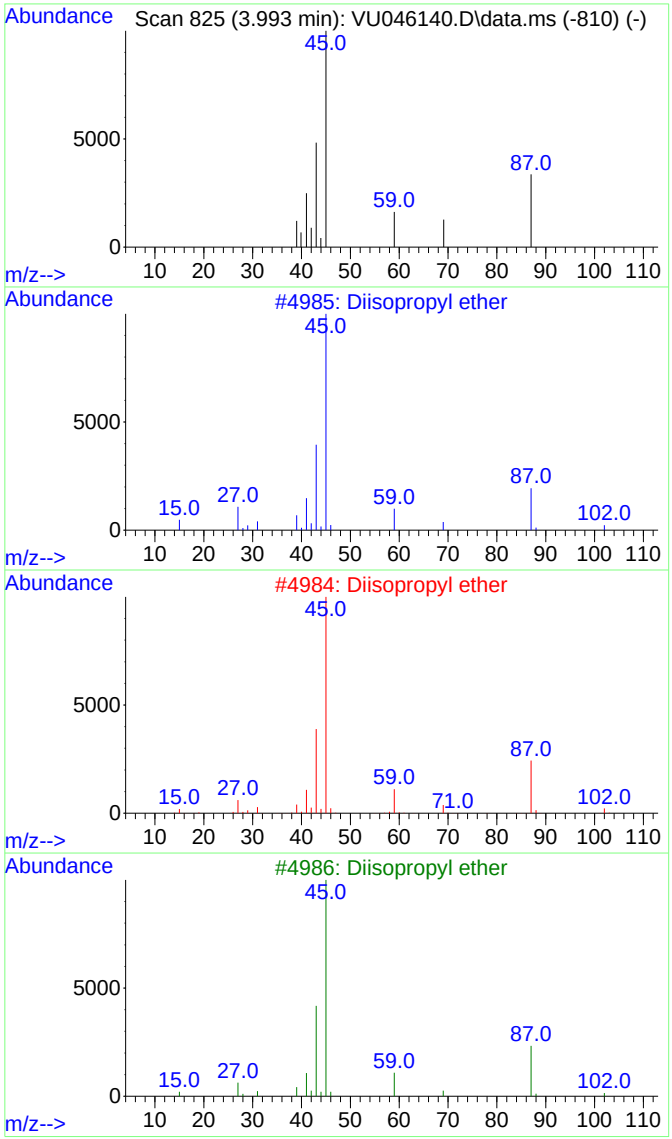
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

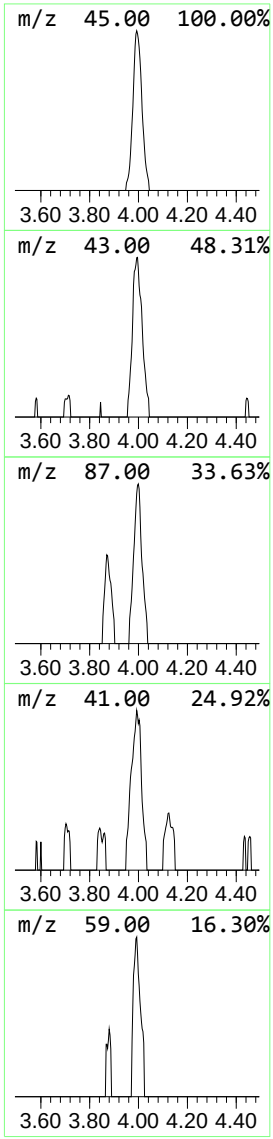
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diisopropyl ether Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	7.20 ug/L	15836	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	64
2	Diisopropyl ether	102	C6H14O	000108-20-3	64
3	Diisopropyl ether	102	C6H14O	000108-20-3	64
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64
5	Diisopropyl ether	102	C6H14O	000108-20-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

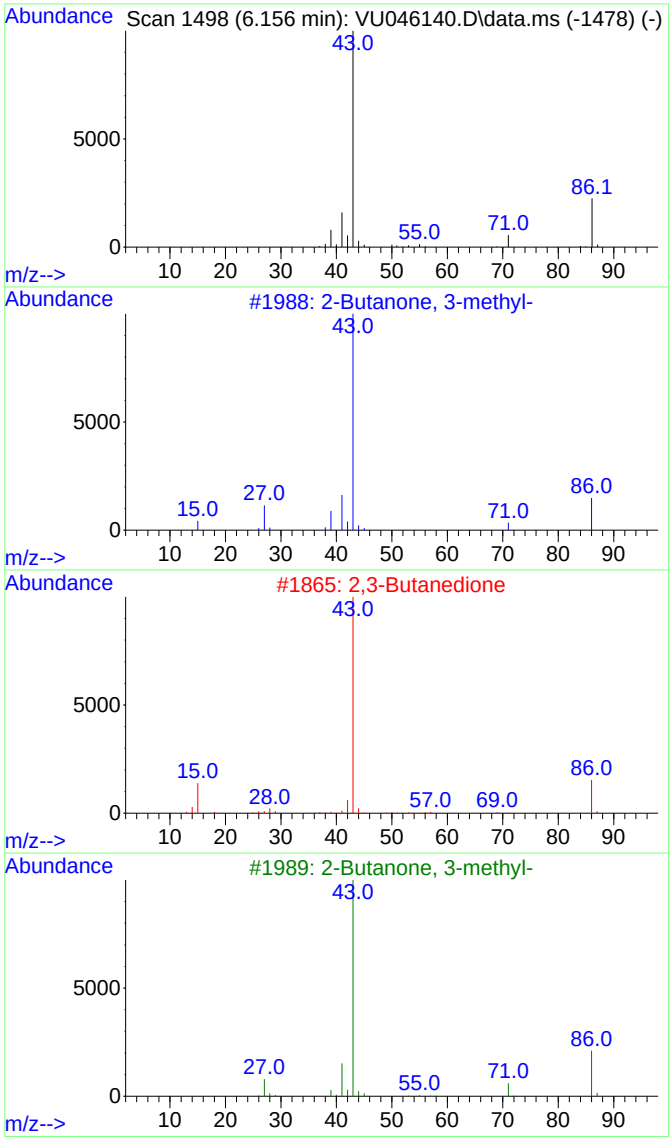
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

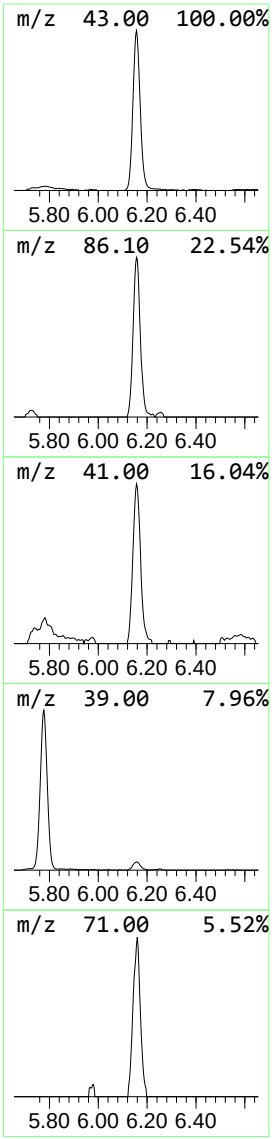
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butanone, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.156	55.63 ug/L	122372	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
2	2,3-Butanedione	86	C4H6O2	000431-03-8	64
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
4	2-Pentanone	86	C5H10O	000107-87-9	53
5	2-Pentanone	86	C5H10O	000107-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

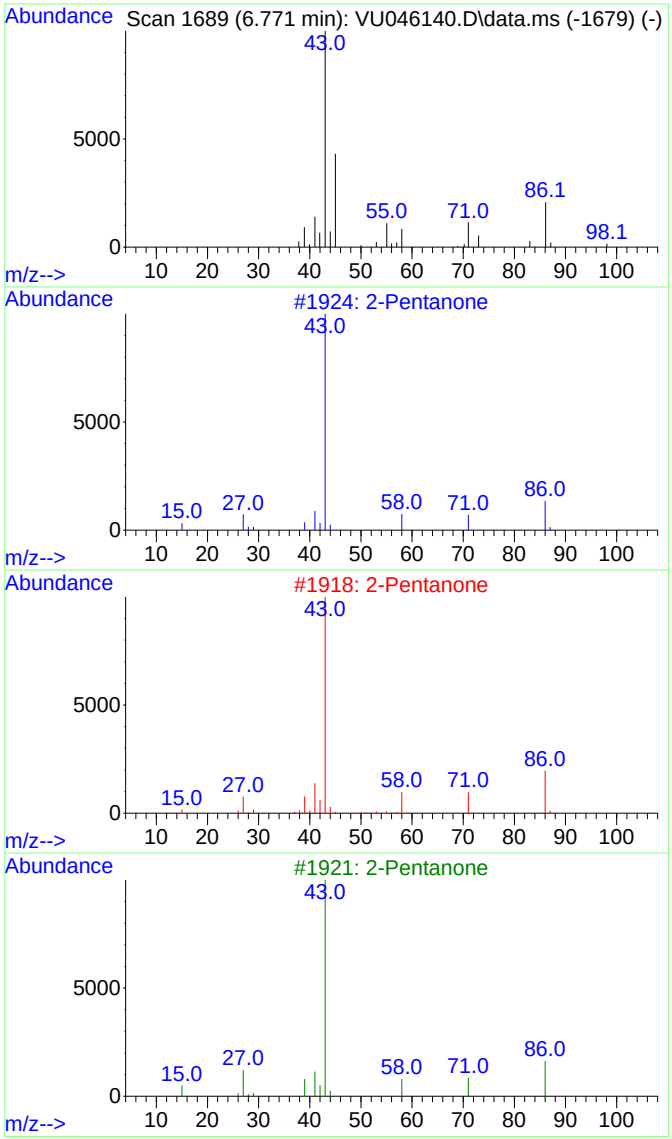
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

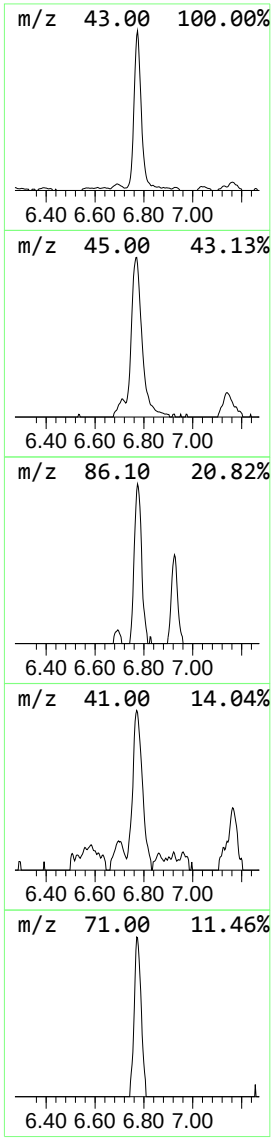
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.771	36.27 ug/L	79800	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	46
2	2-Pentanone	86	C5H10O	000107-87-9	46
3	2-Pentanone	86	C5H10O	000107-87-9	43
4	2-Pentanone	86	C5H10O	000107-87-9	43
5	2-Pentanone	86	C5H10O	000107-87-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

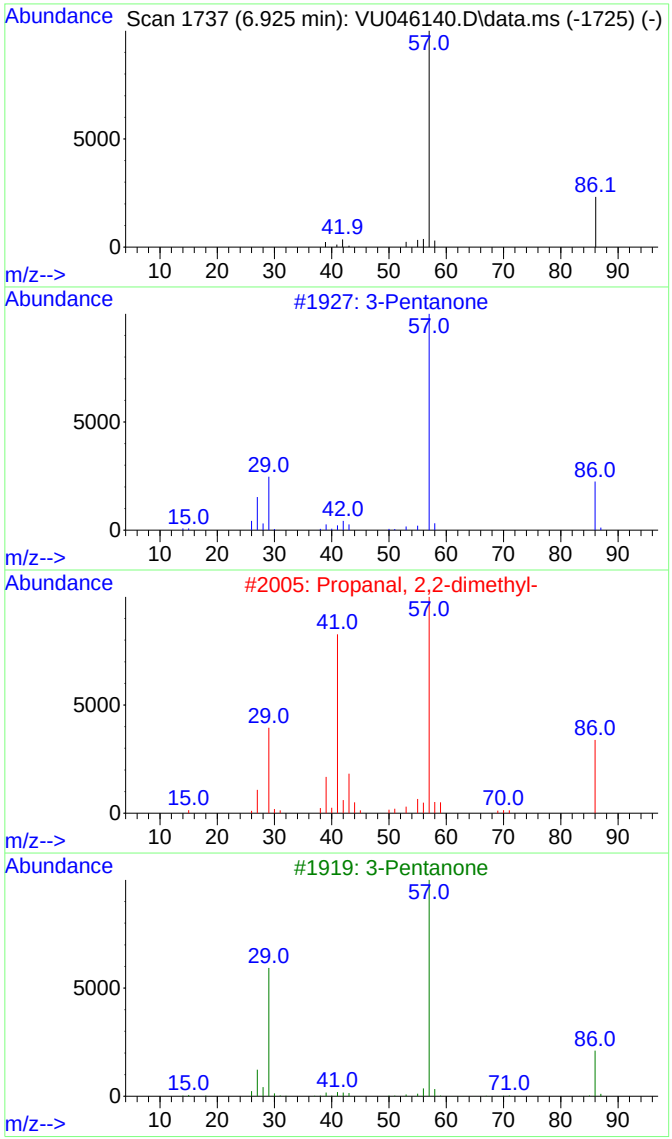
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

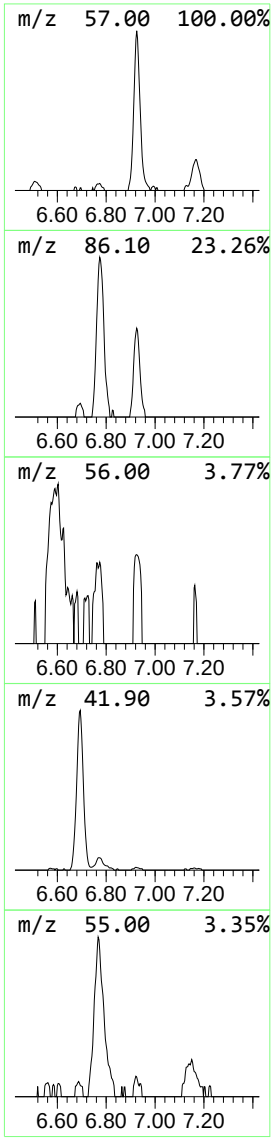
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Pentanone Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.925	6.91 ug/L	15192	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	78
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	9
3	3-Pentanone	86	C5H10O	000096-22-0	9
4	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	9
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	7





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

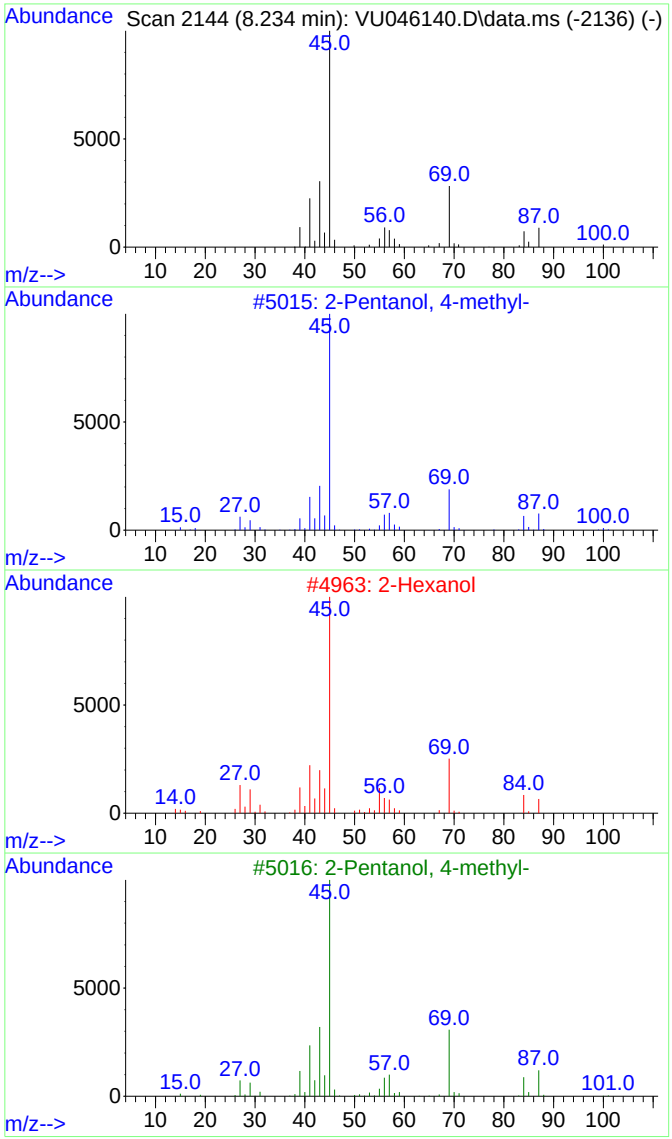
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

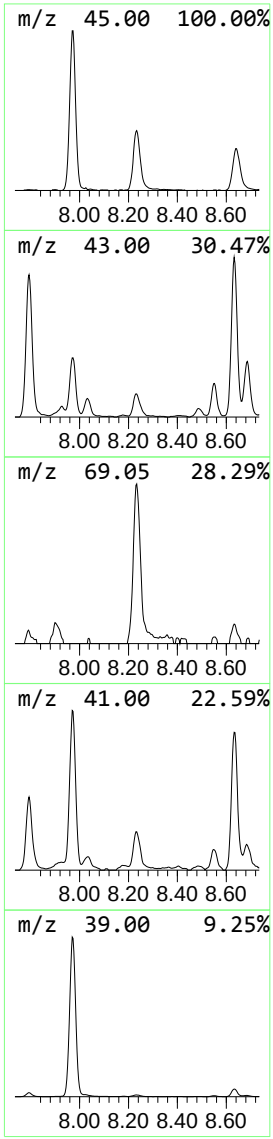
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Pentanol, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	31.53 ug/L	79289	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
5	2-Hexanol	102	C6H14O	000626-93-7	72





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

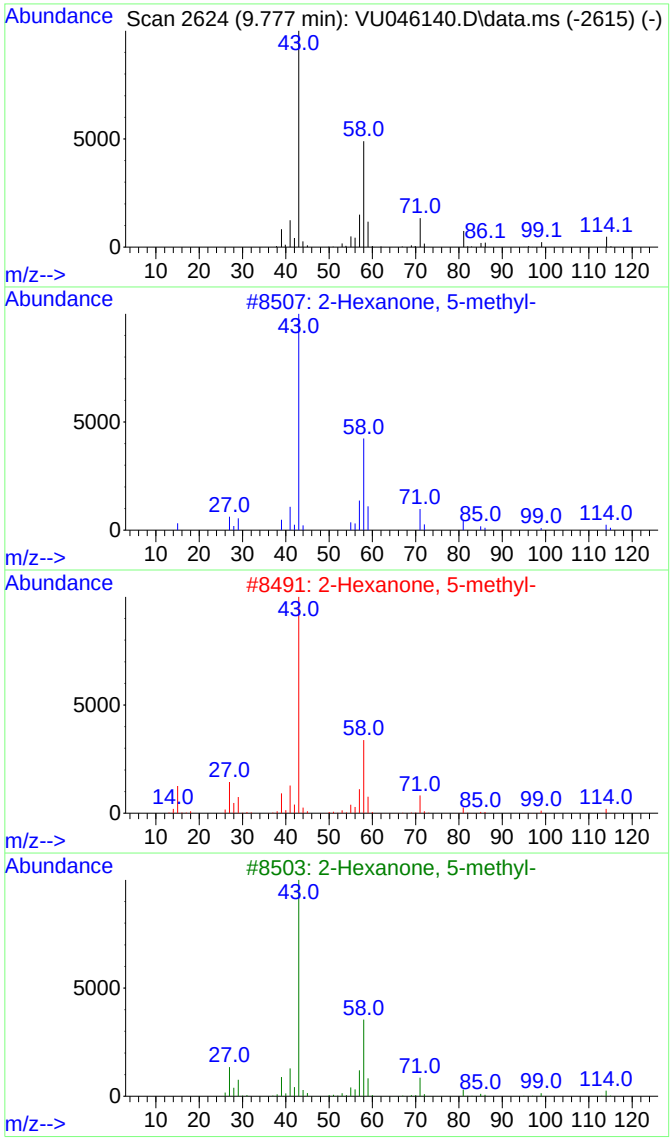
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

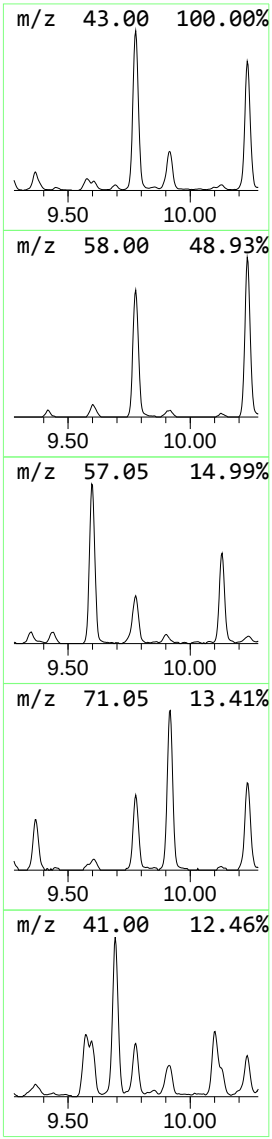
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Hexanone, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.777	70.65 ug/L	177681	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

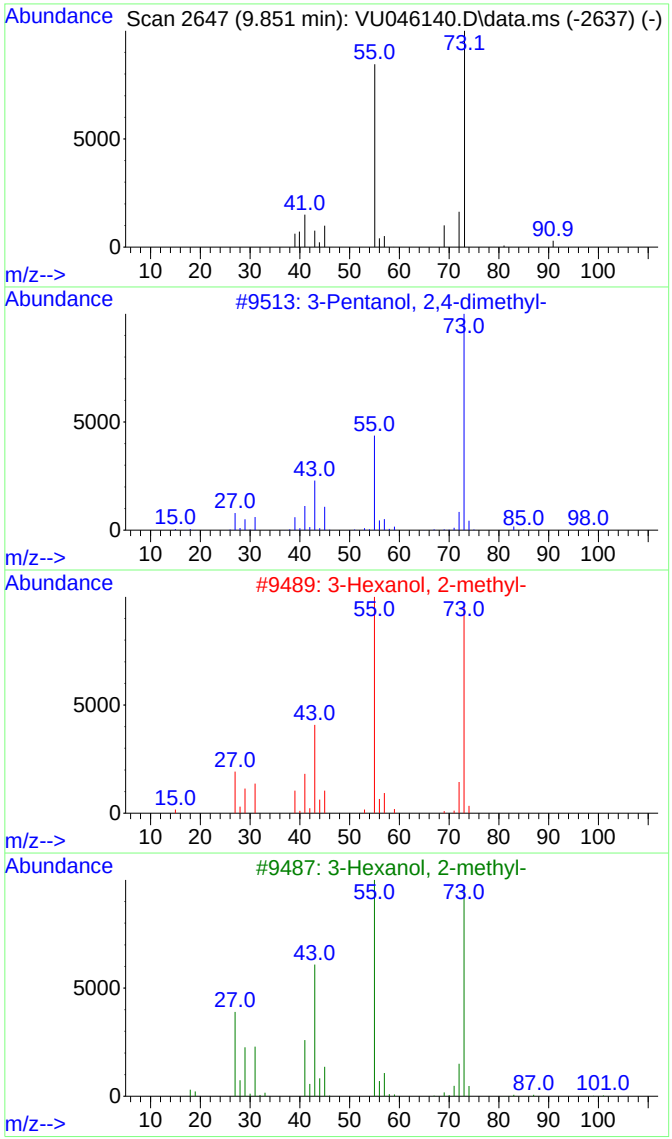
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

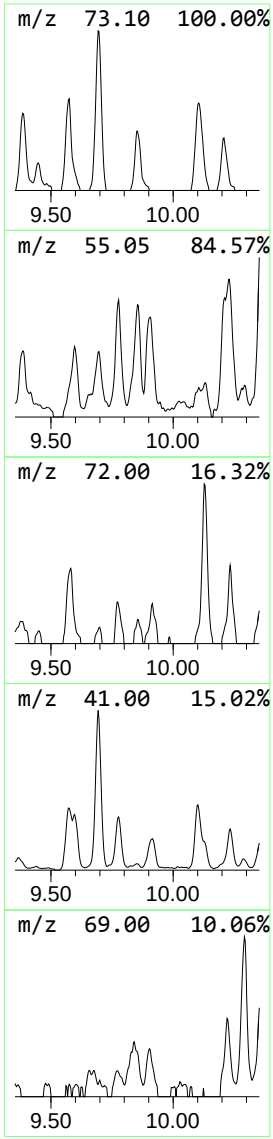
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	6.44 ug/L	16189	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
2	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

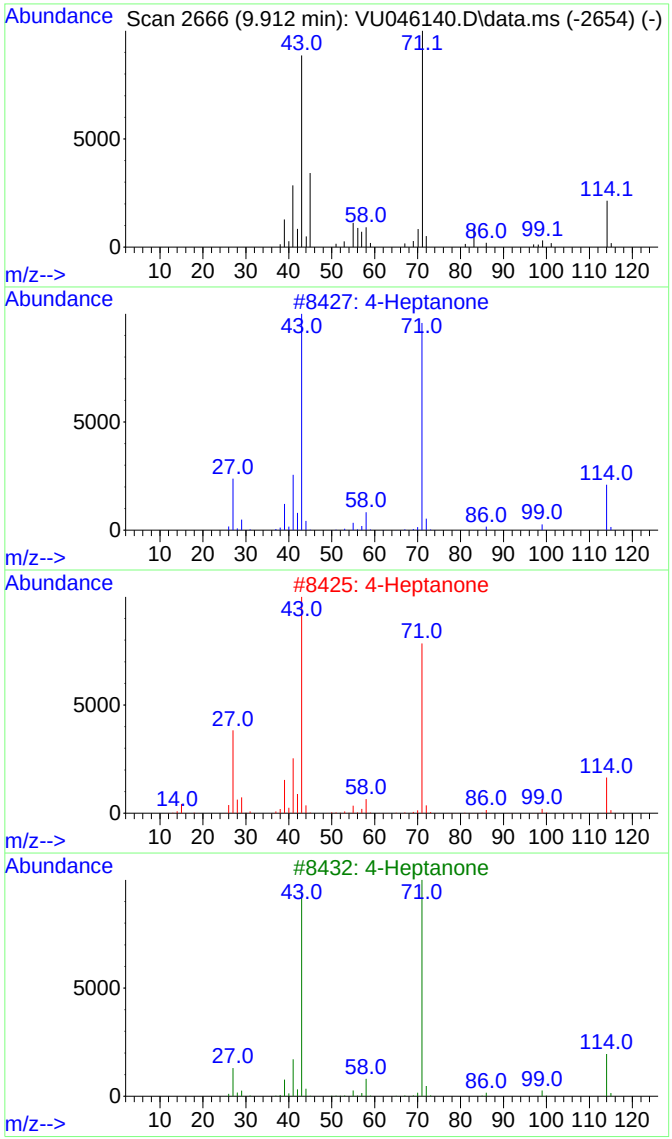
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

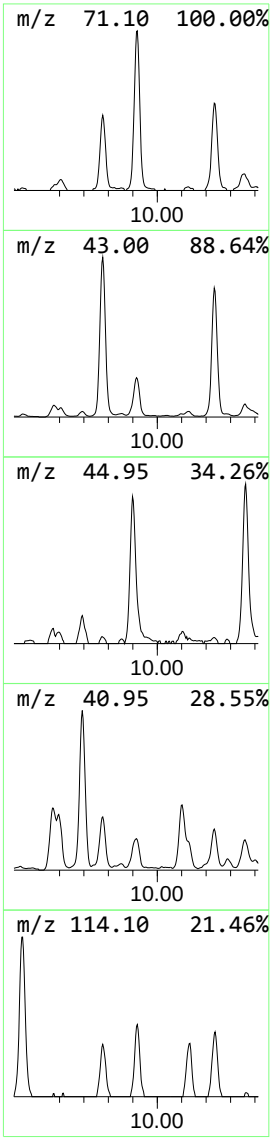
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-Heptanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.912	33.01 ug/L	83031	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	81
2	4-Heptanone	114	C7H14O	000123-19-3	74
3	4-Heptanone	114	C7H14O	000123-19-3	74
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
5	1,1-Di(isobutyl)acetone	170	C11H22O	040264-43-5	59





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

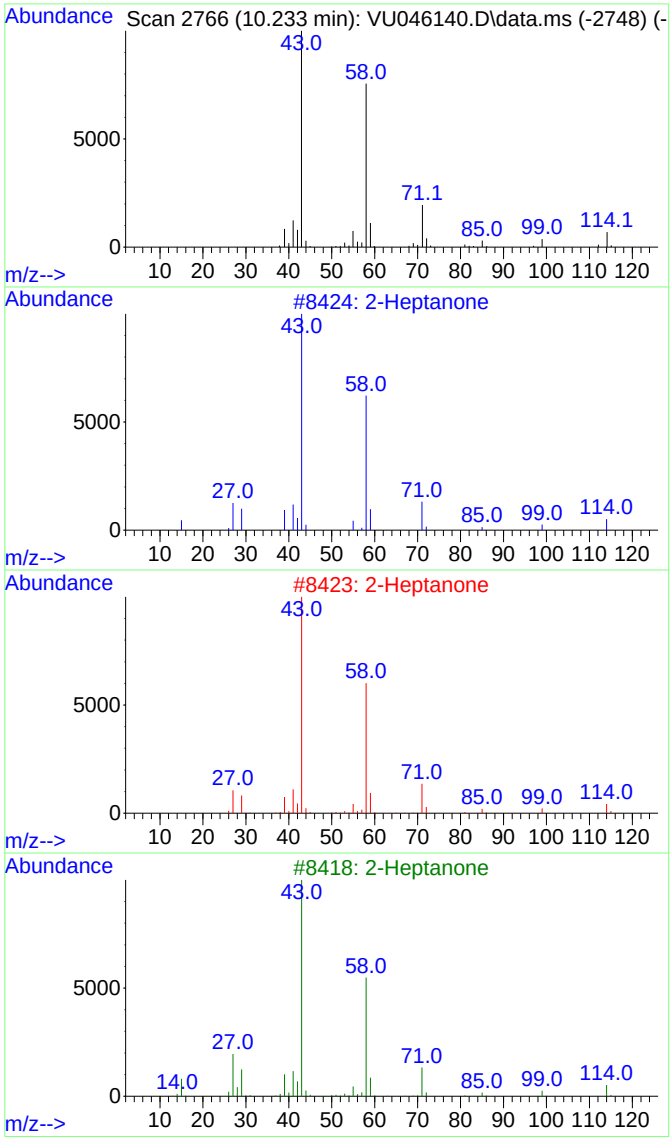
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

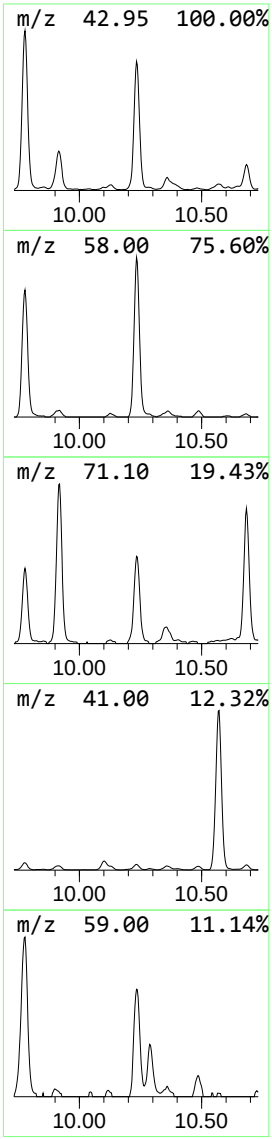
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Heptanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	59.43 ug/L	149457	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Heptanone	114	C7H14O	000110-43-0	91
5	2-Heptanone	114	C7H14O	000110-43-0	86





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

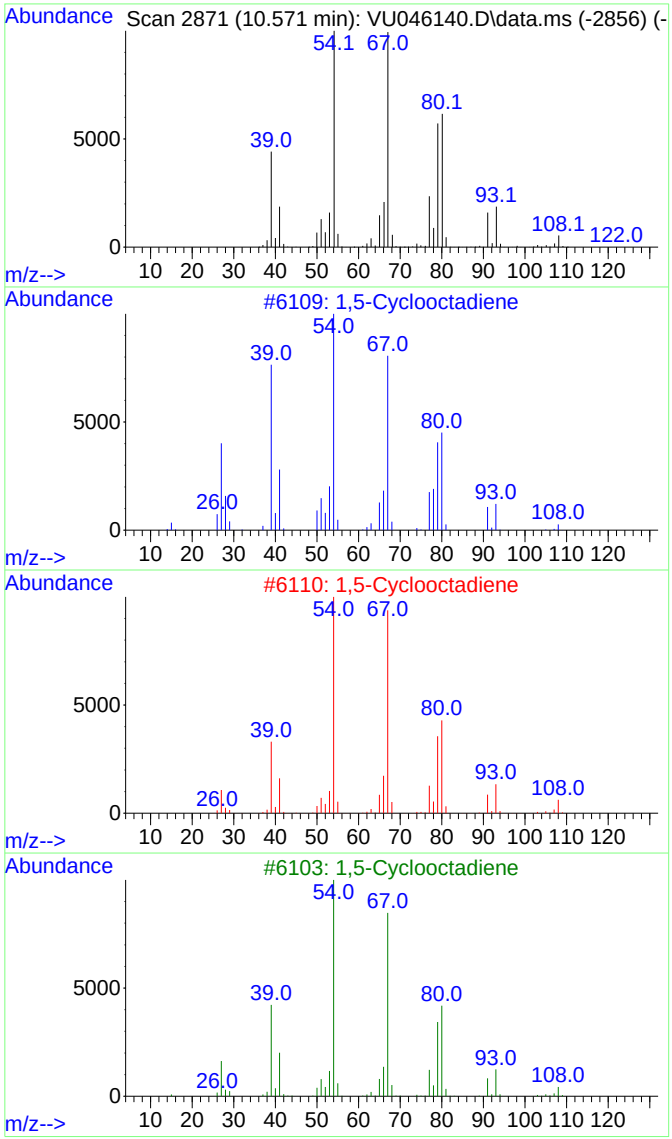
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

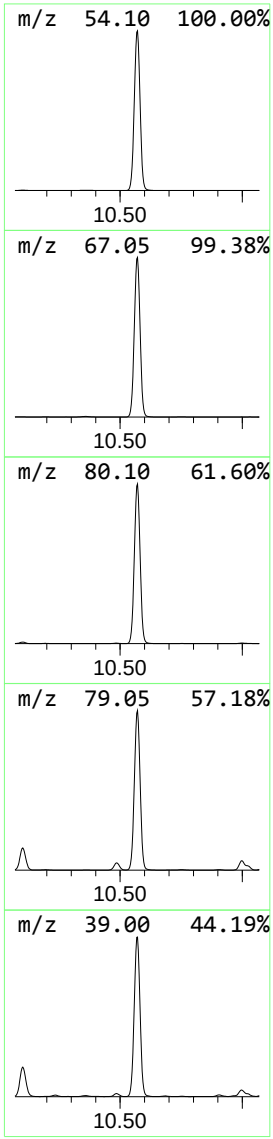
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,5-Cyclooctadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.571	2263.36 ug/L	5692300	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene	108	C8H12	000111-78-4	90
2	1,5-Cyclooctadiene	108	C8H12	000111-78-4	87
3	1,5-Cyclooctadiene	108	C8H12	000111-78-4	87
4	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	83
5	1,5-Cyclooctadiene	108	C8H12	000111-78-4	83





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Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

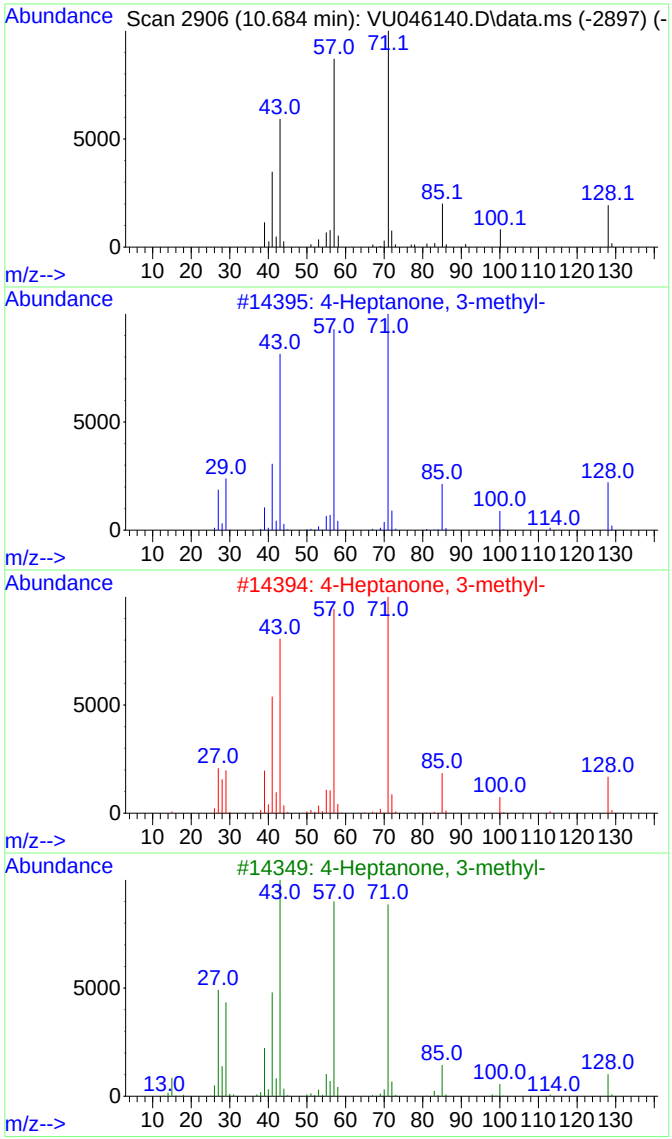
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

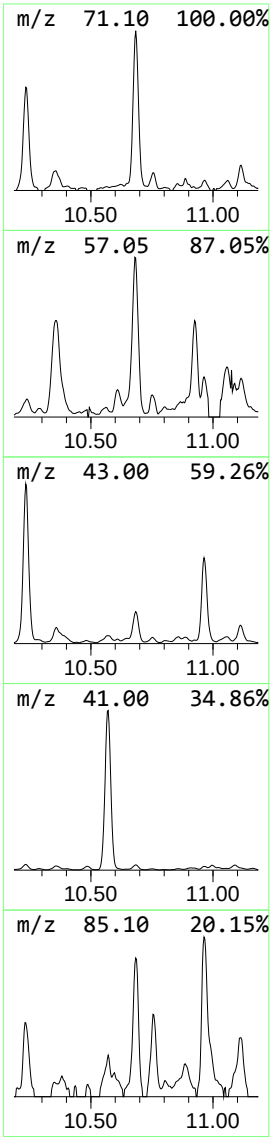
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4-Heptanone, 3-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.684	11.63 ug/L	60111	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	94
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	90
3	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	4-Octanone	128	C8H16O	000589-63-9	59





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Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

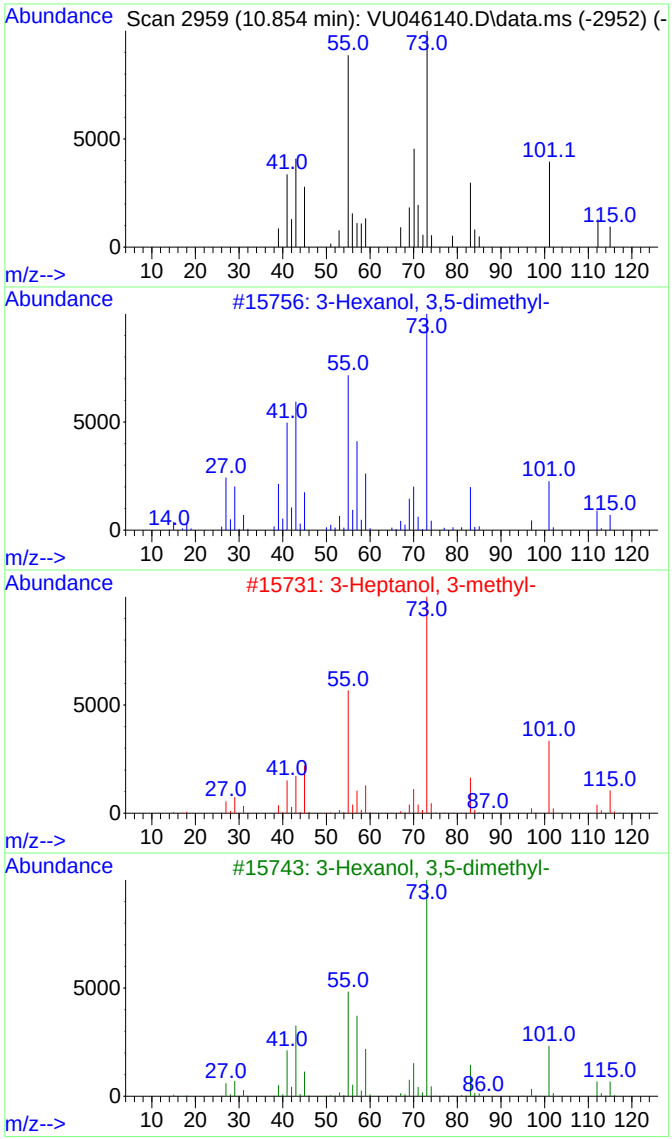
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

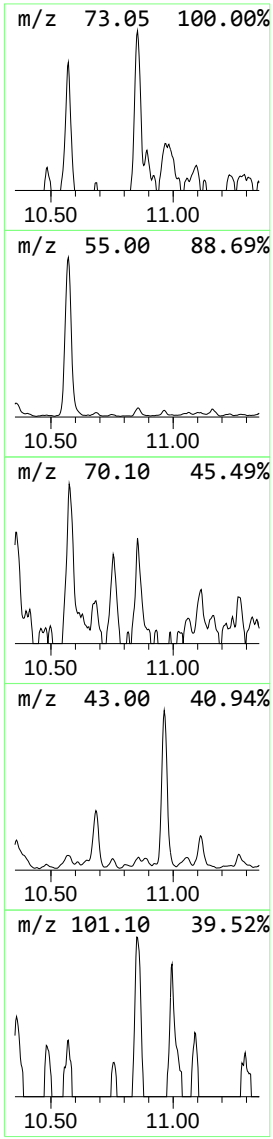
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 3-Hexanol, 3,5-dimethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.854	2.94 ug/L	15219	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	50
2	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	40
3	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	38
4	Pentanoic acid, 2-(aminooxy)-	133	C5H11NO3	005699-55-8	37
5	Heptane, 3-chloro-3-methyl-	148	C8H17Cl	005272-02-6	35





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Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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

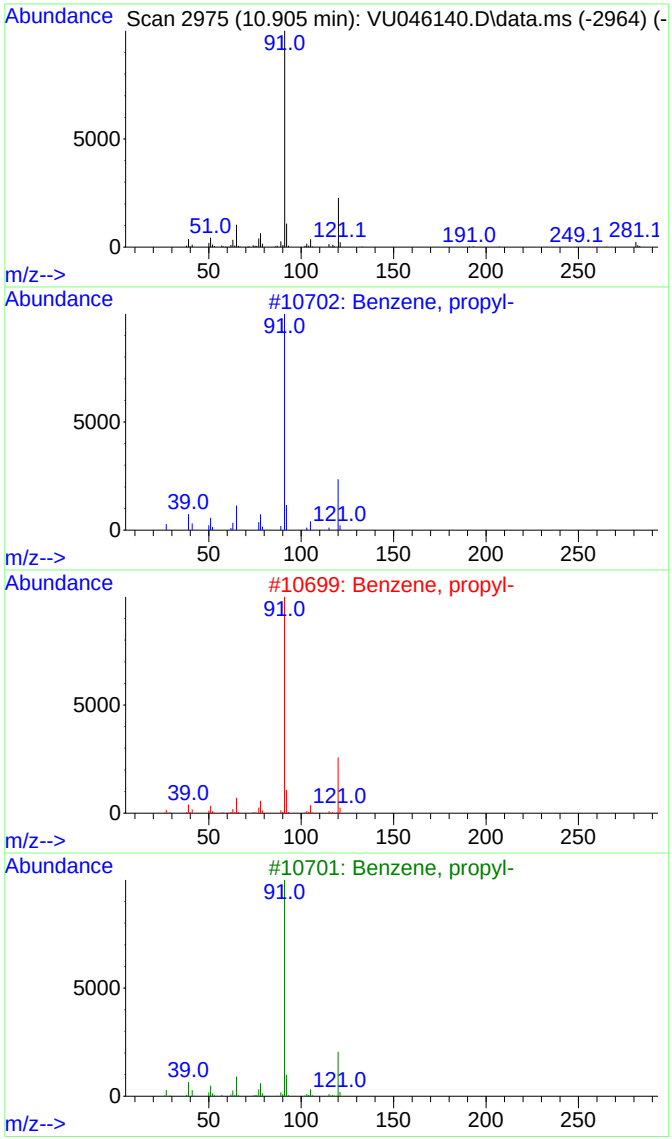
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

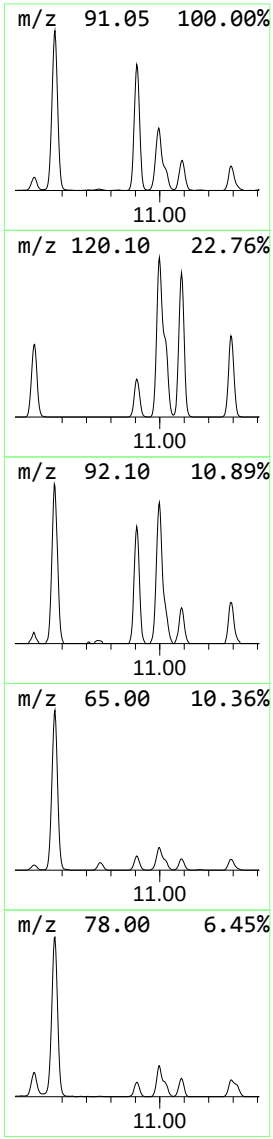
****

Peak Number 17 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	46.43 ug/L	240013	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

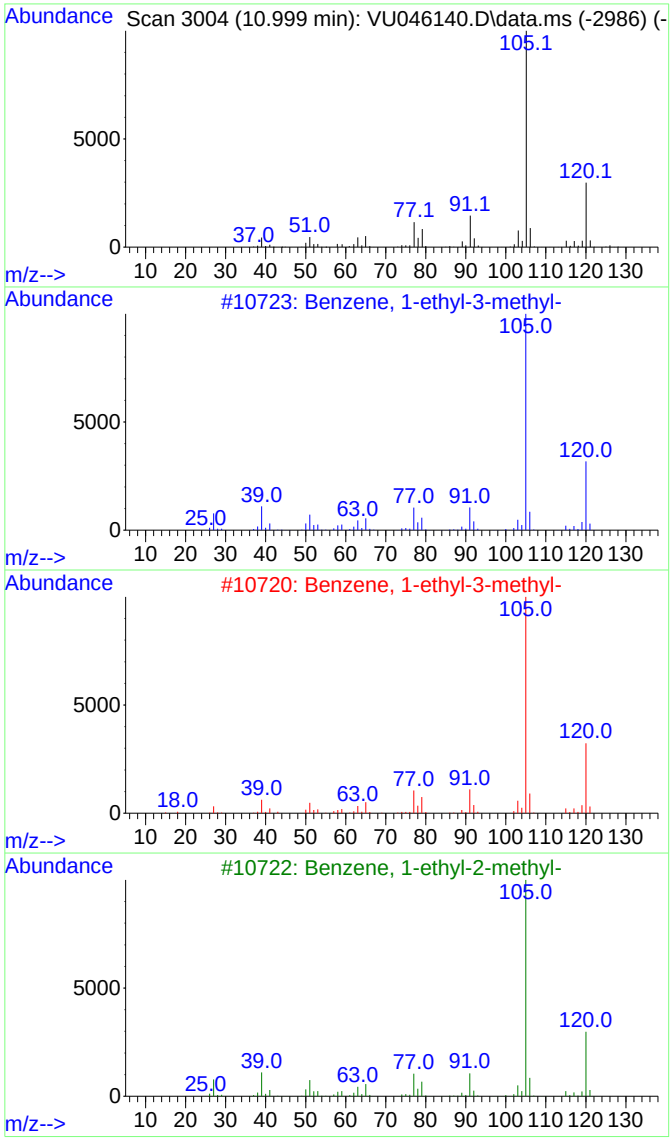
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

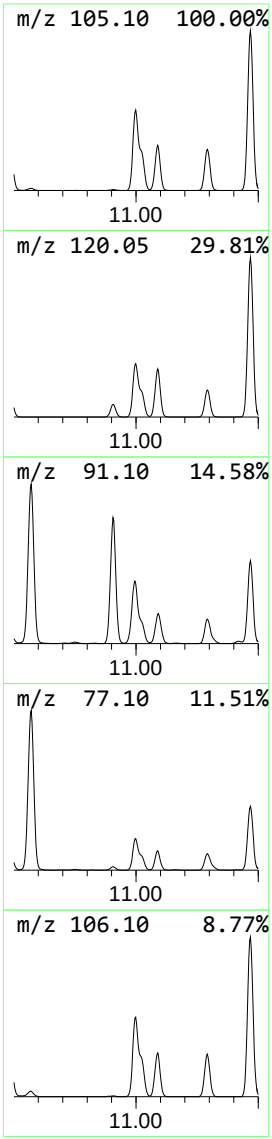
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	260.71 ug/L	1347820	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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

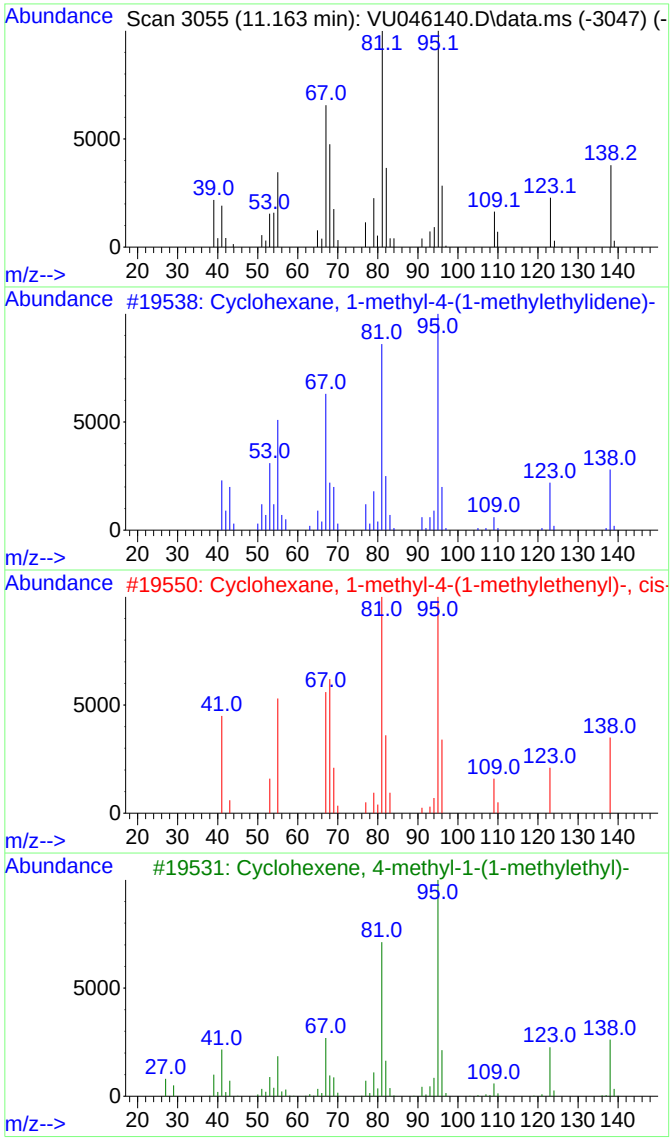
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

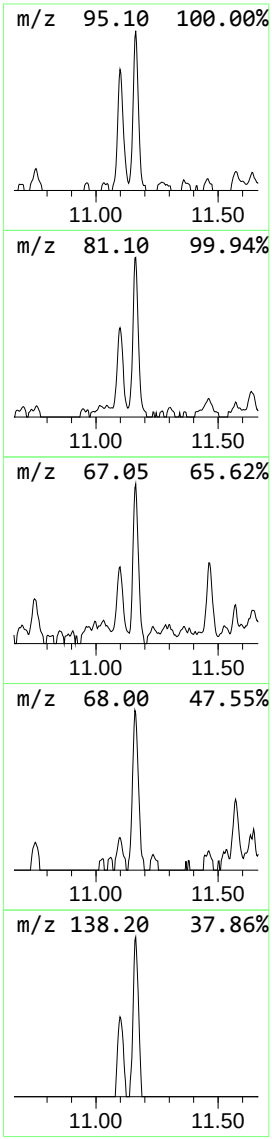
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	8.13 ug/L	42027	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	93
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	91
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	90
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	87
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	74





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Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

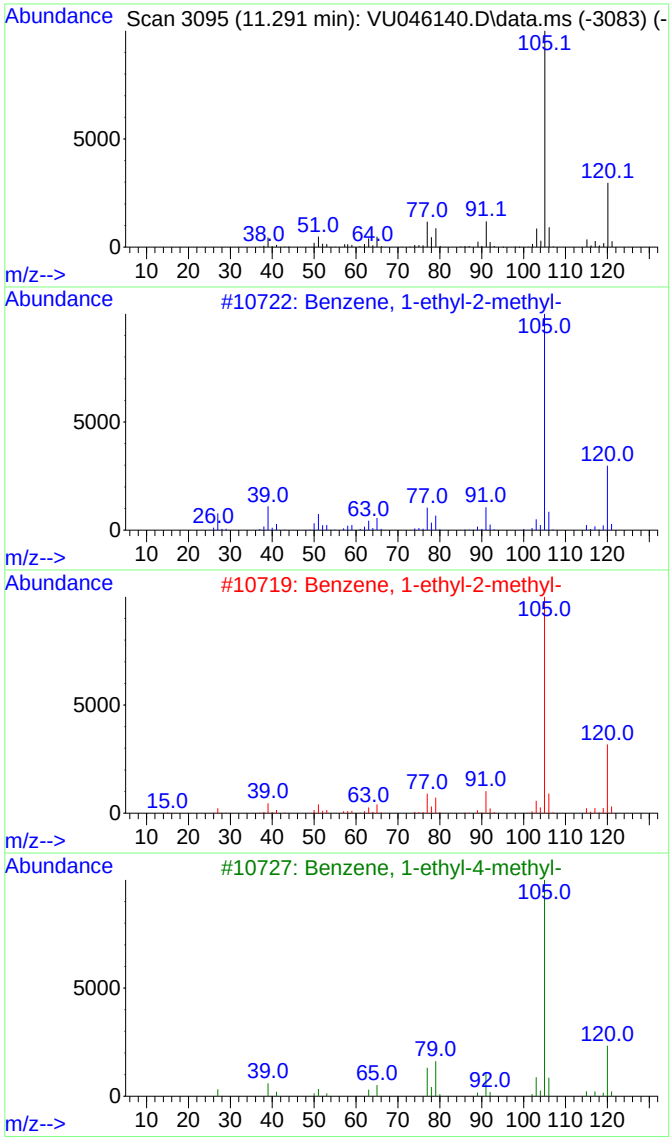
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

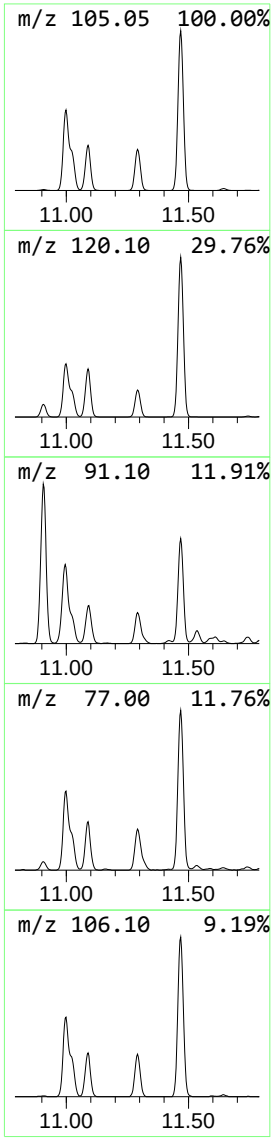
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	106.44 ug/L	550271	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

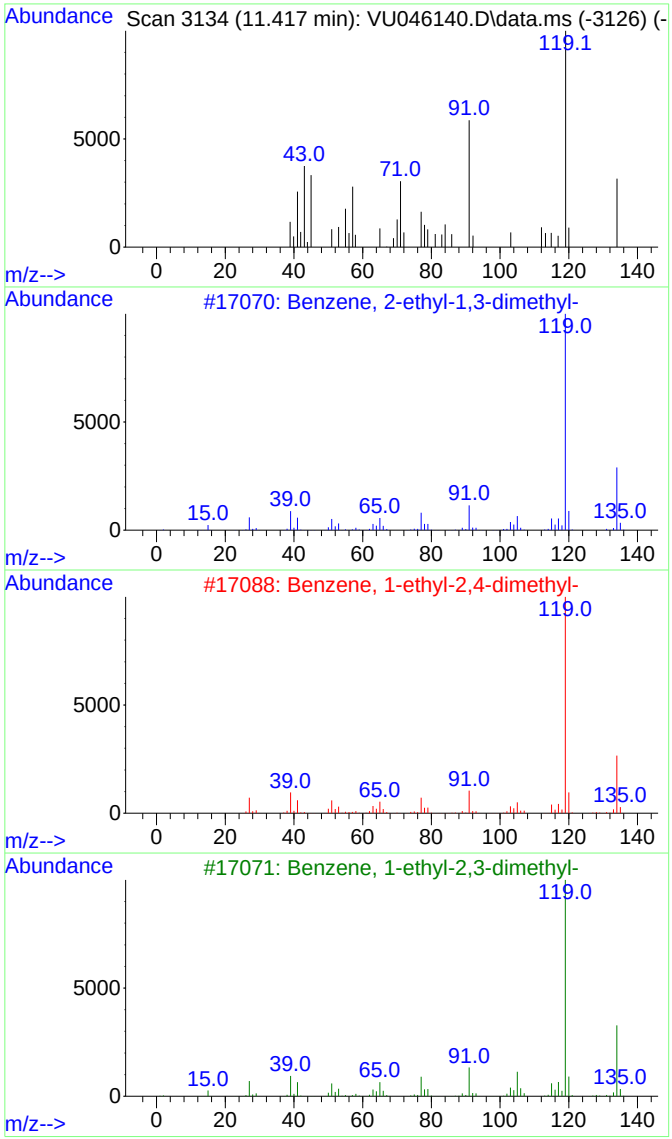
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

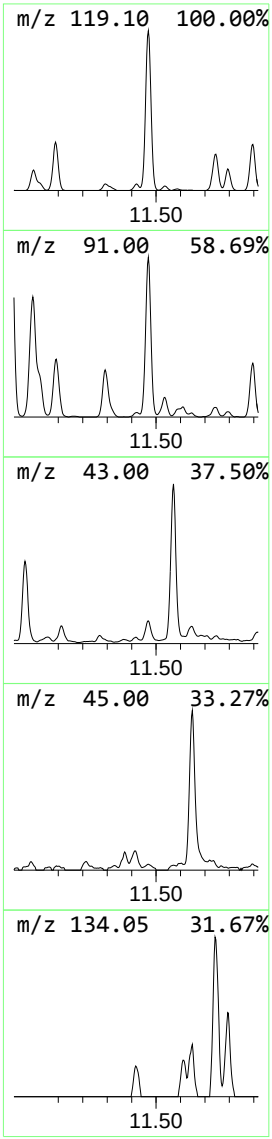
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	3.12 ug/L	16107	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	52
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

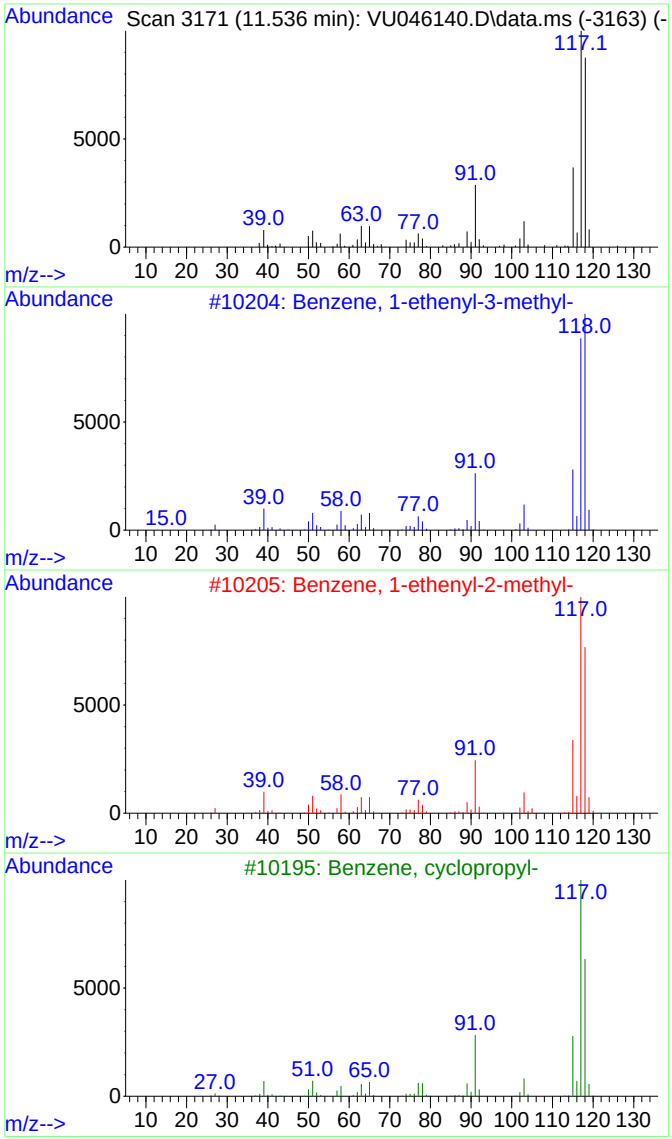
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

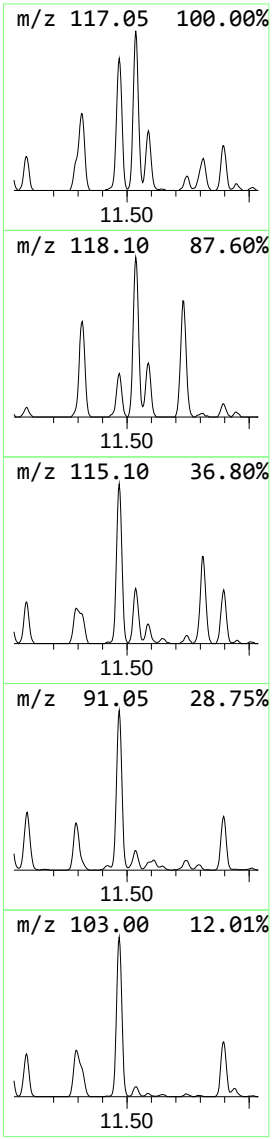
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethenyl-3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.536	18.82 ug/L	97305	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

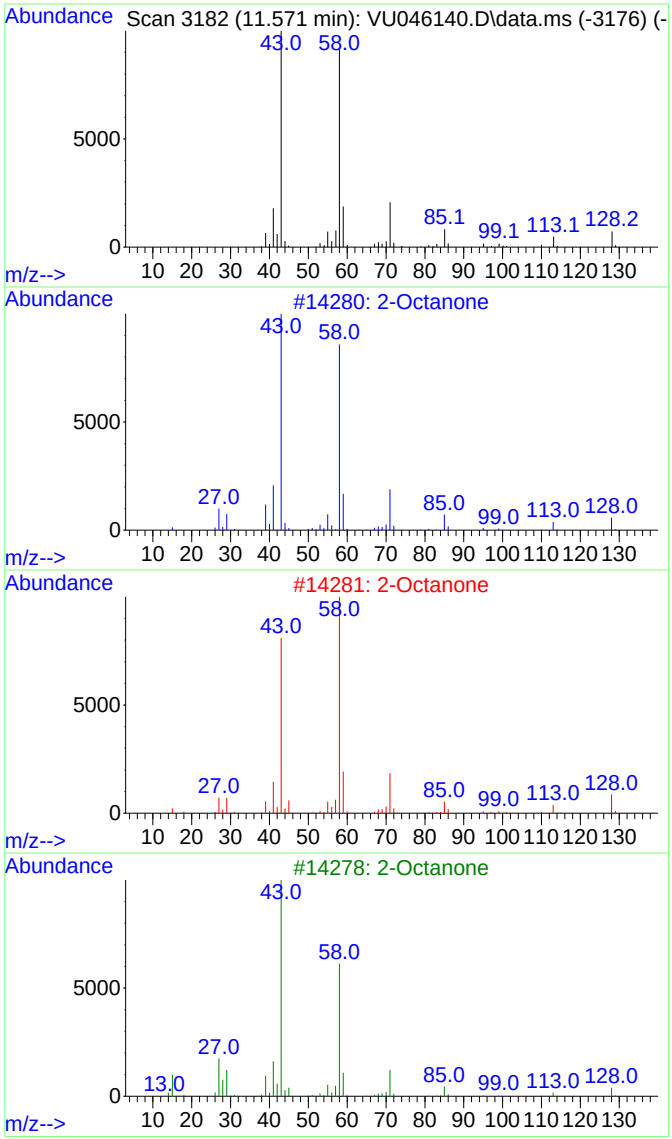
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

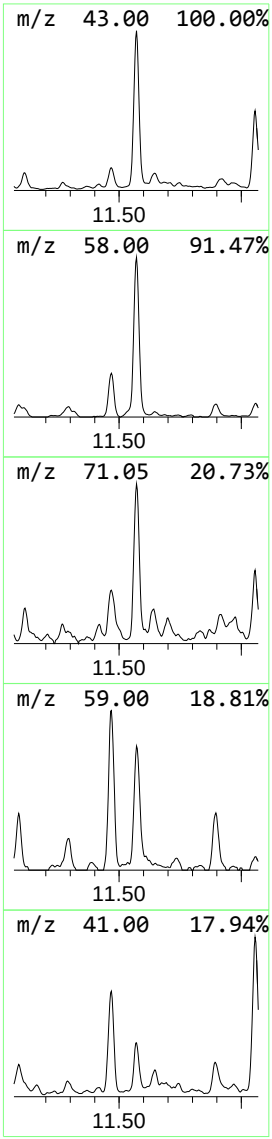
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Octanone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.571	33.28 ug/L	172059	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	94
2	2-Octanone	128	C8H16O	000111-13-7	91
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Octanone	128	C8H16O	000111-13-7	87
5	2-Octanone	128	C8H16O	000111-13-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

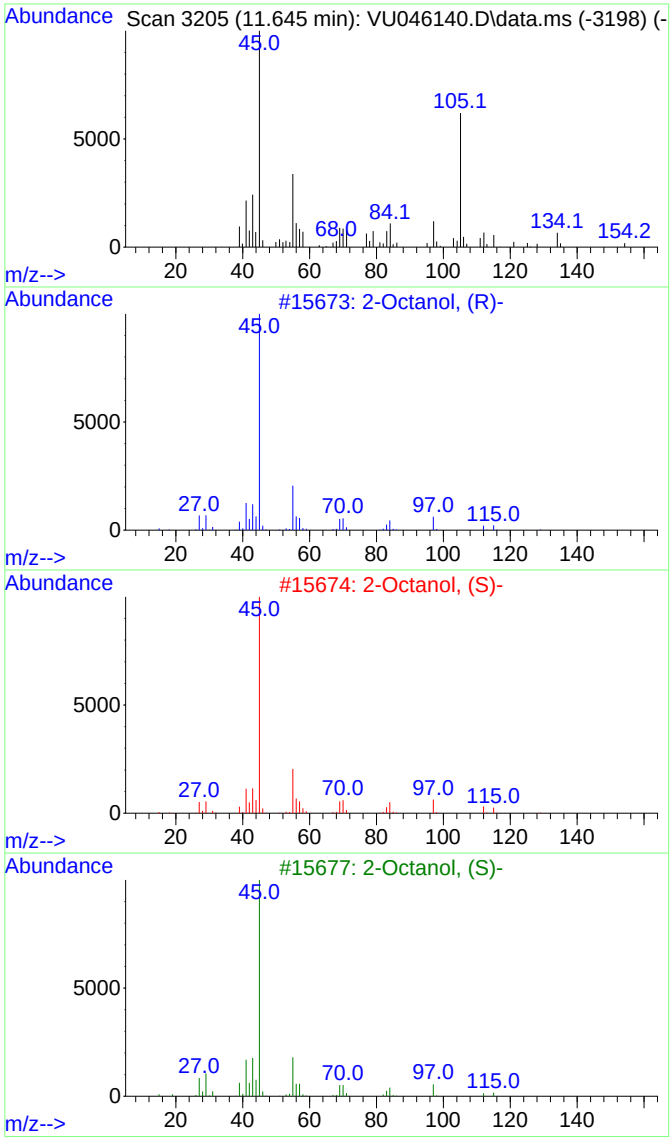
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

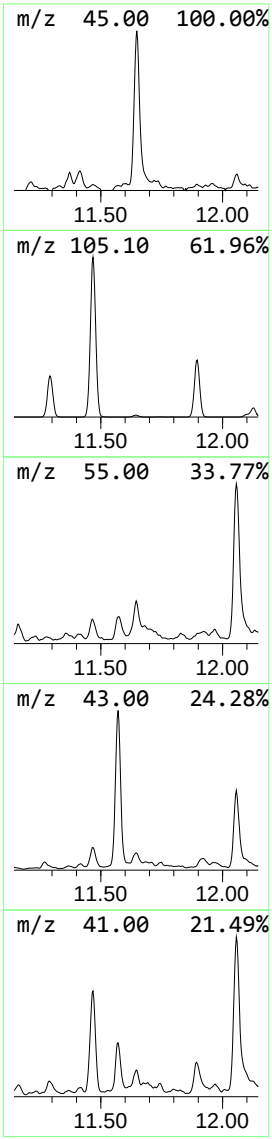
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Octanol, (R)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	10.36 ug/L	53545	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, (R)-	130	C8H18O	005978-70-1	64
2	2-Octanol, (S)-	130	C8H18O	006169-06-8	64
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	64
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	64
5	2-Undecanol	172	C11H24O	001653-30-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

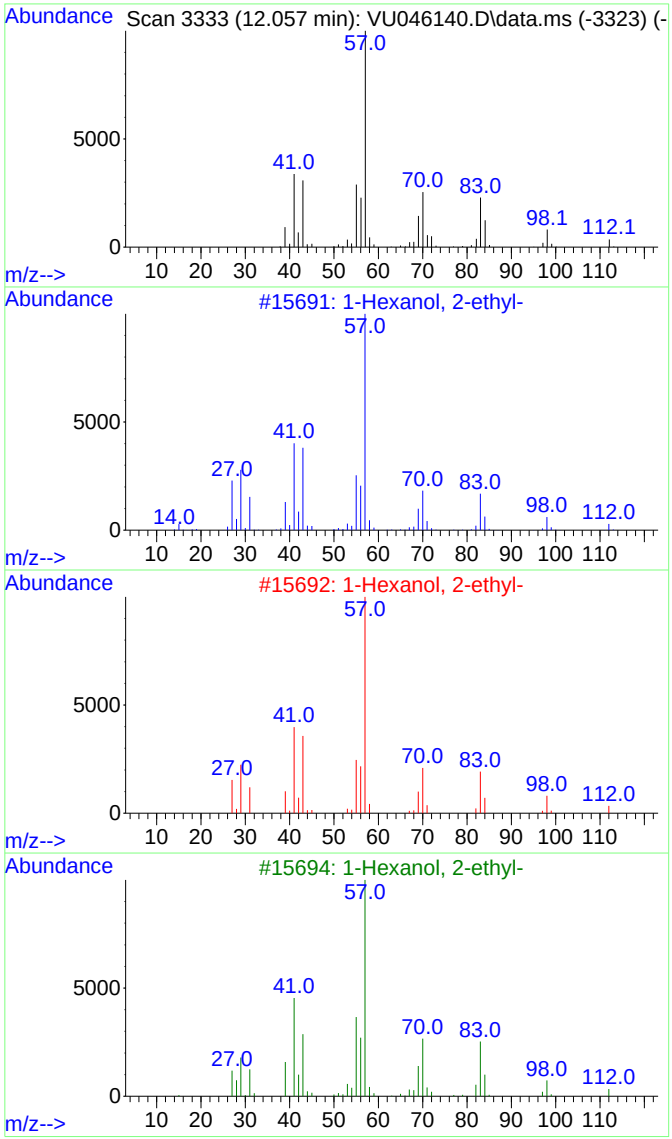
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

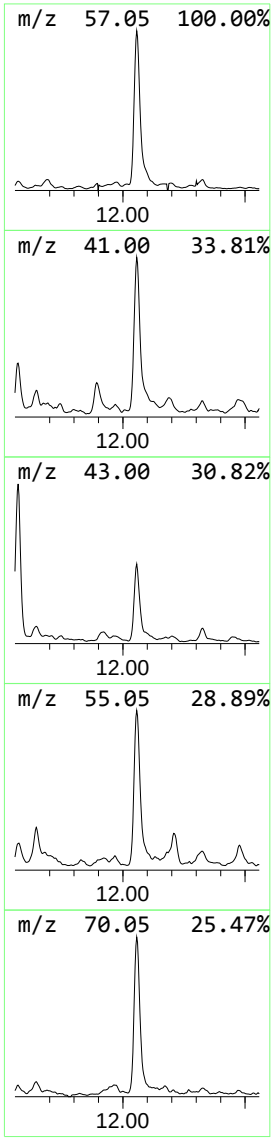
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	53.58 ug/L	277020	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

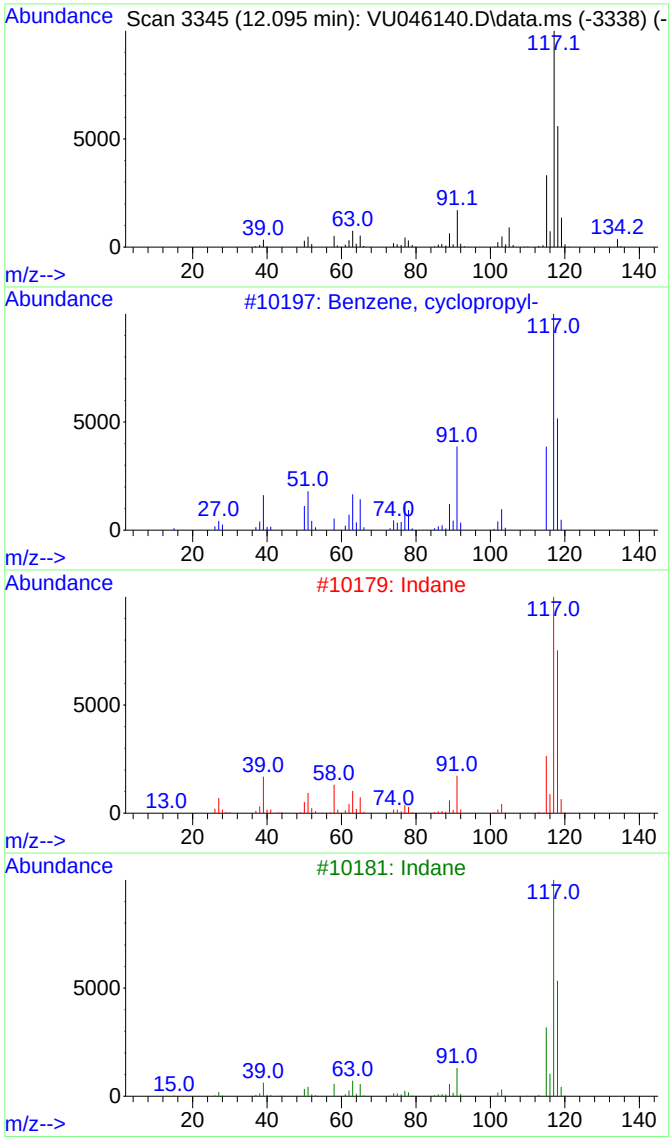
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

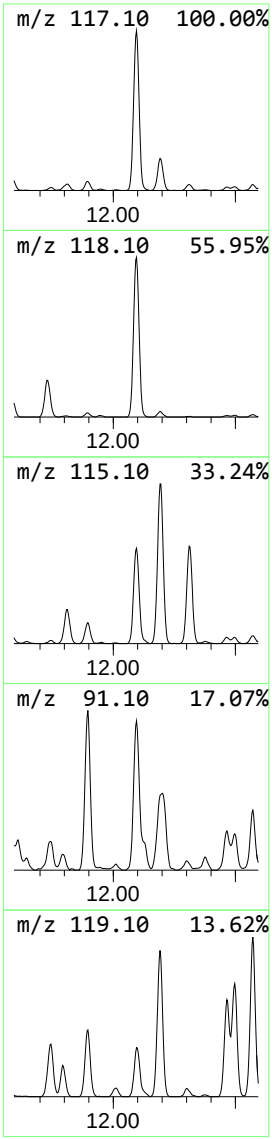
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	111.55 ug/L	576702	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Indane	118	C9H10	000496-11-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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

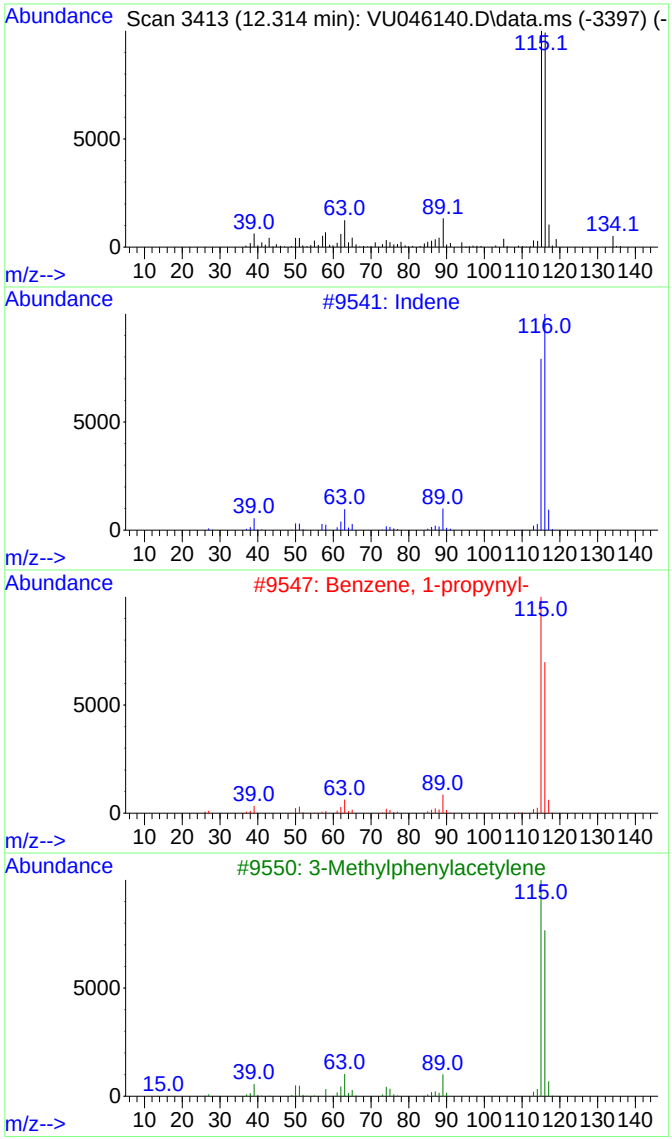
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

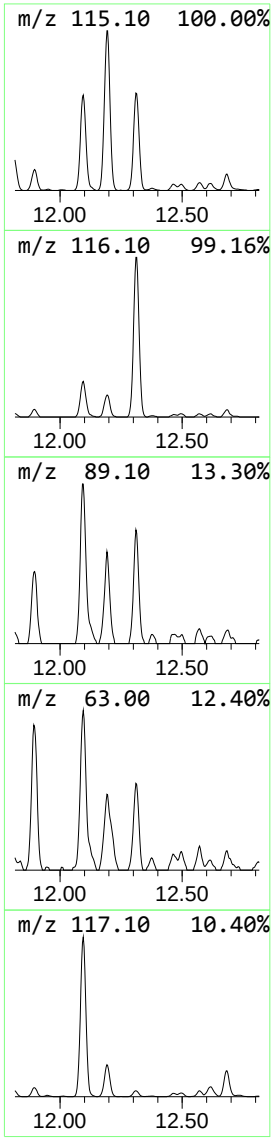
****

Peak Number 28 Indene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.314	39.41 ug/L	203760	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Indene	116	C9H8	000095-13-6	90
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

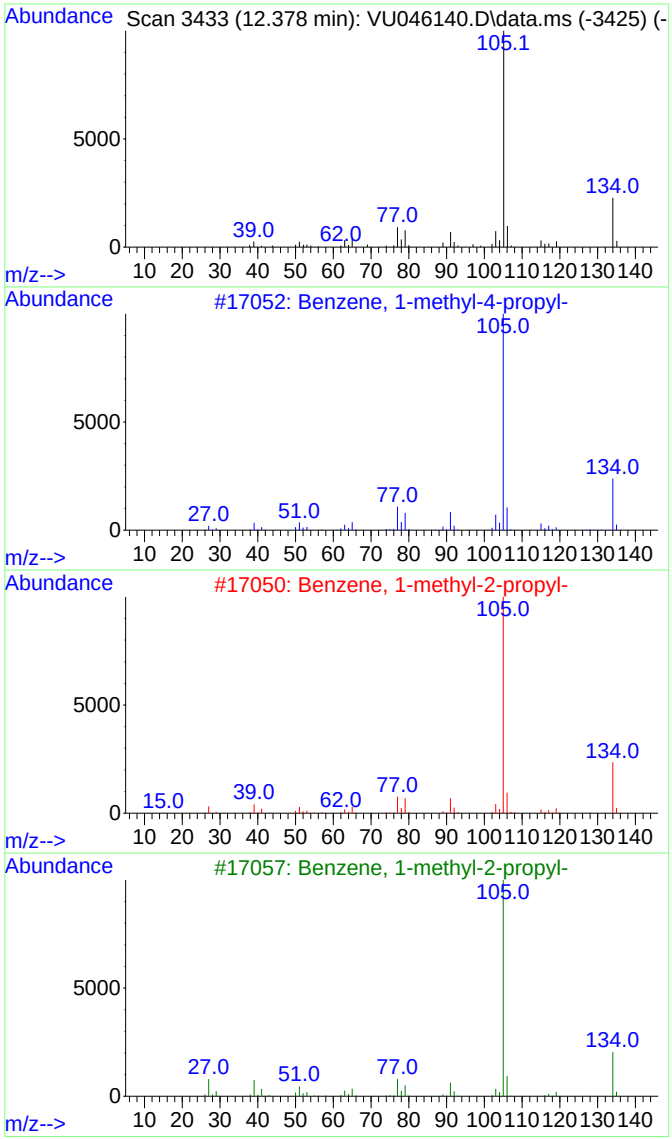
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

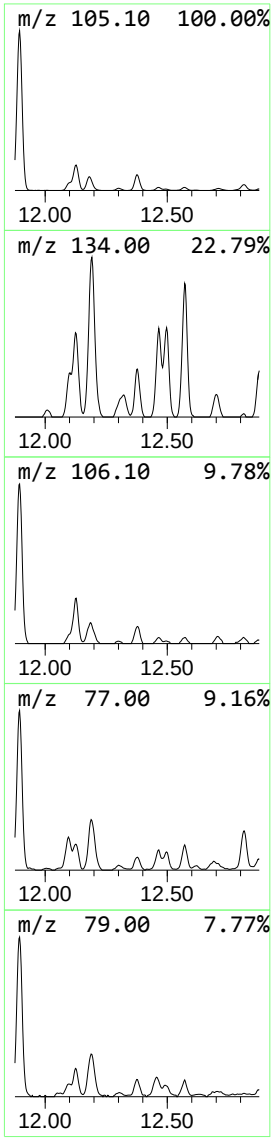
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-4-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.378	11.72 ug/L	60573	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	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	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\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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

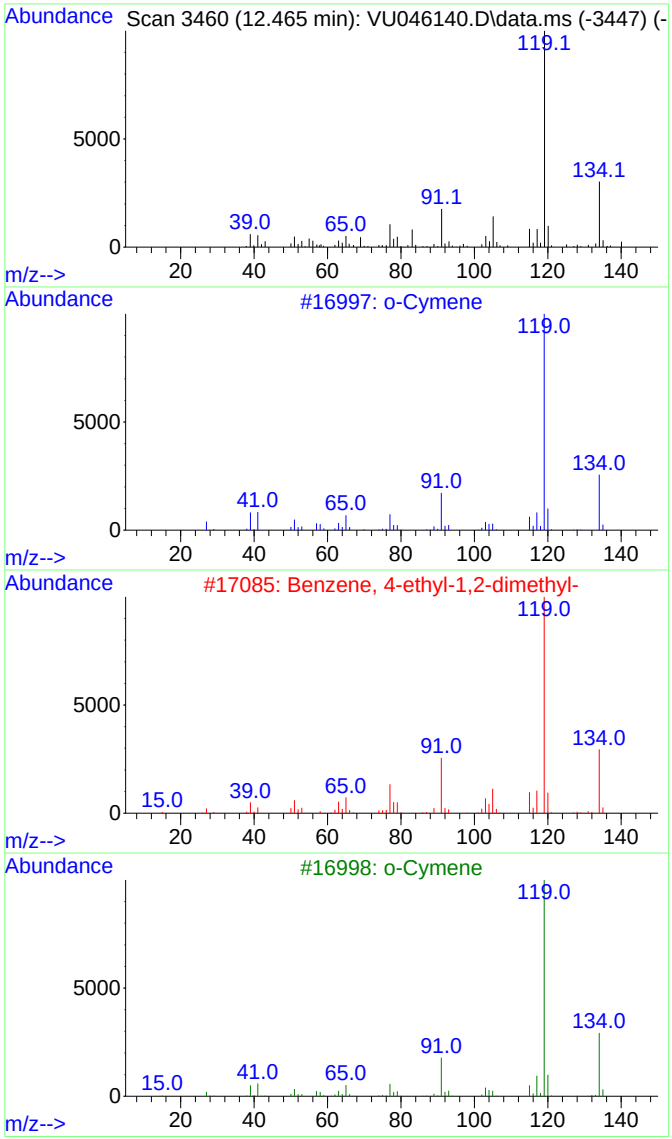
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

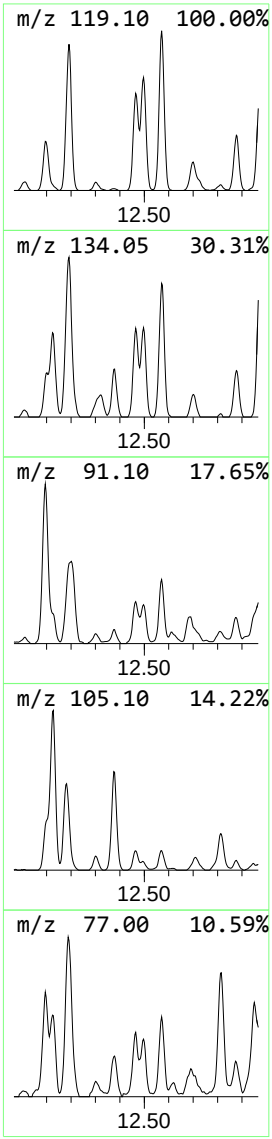
****

Peak Number 30 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	25.49 ug/L	131797	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

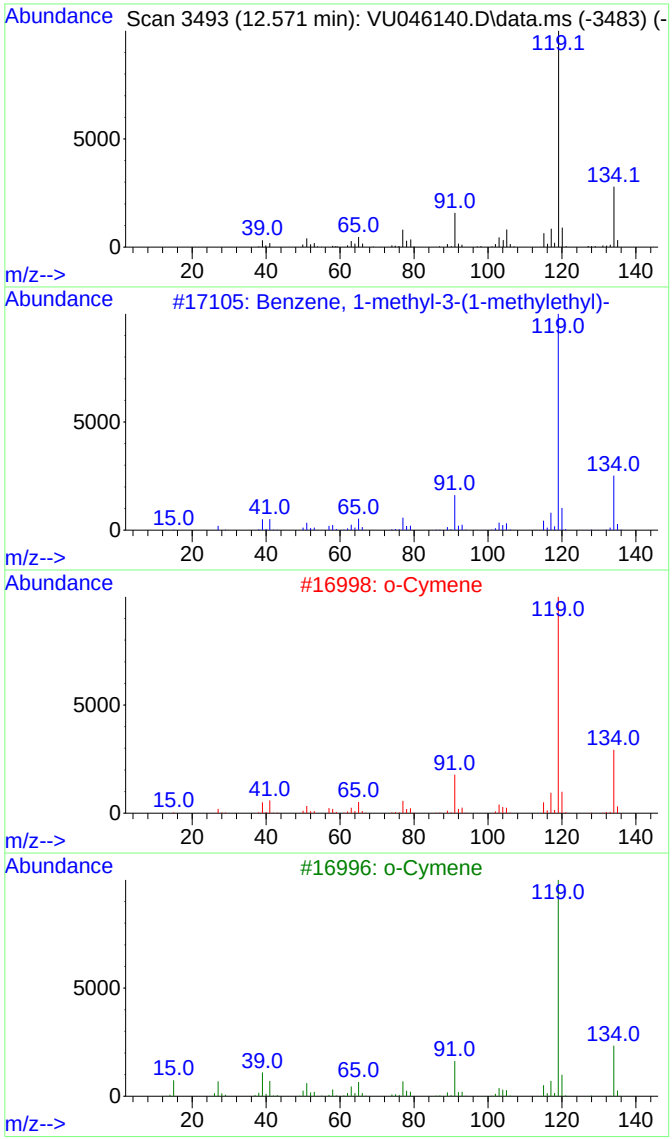
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

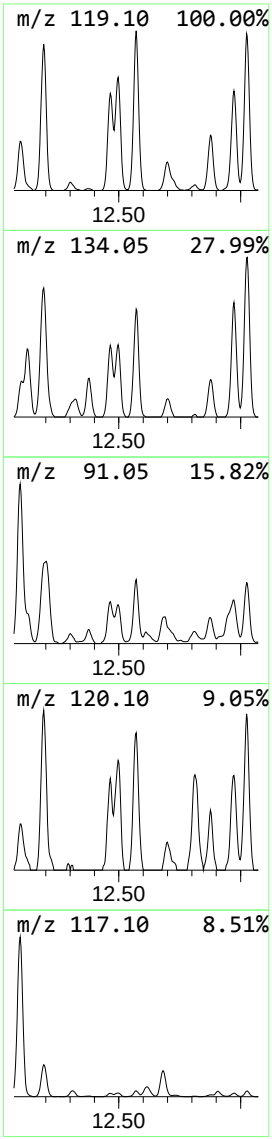
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-methyl-3-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	26.11 ug/L	134977	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	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

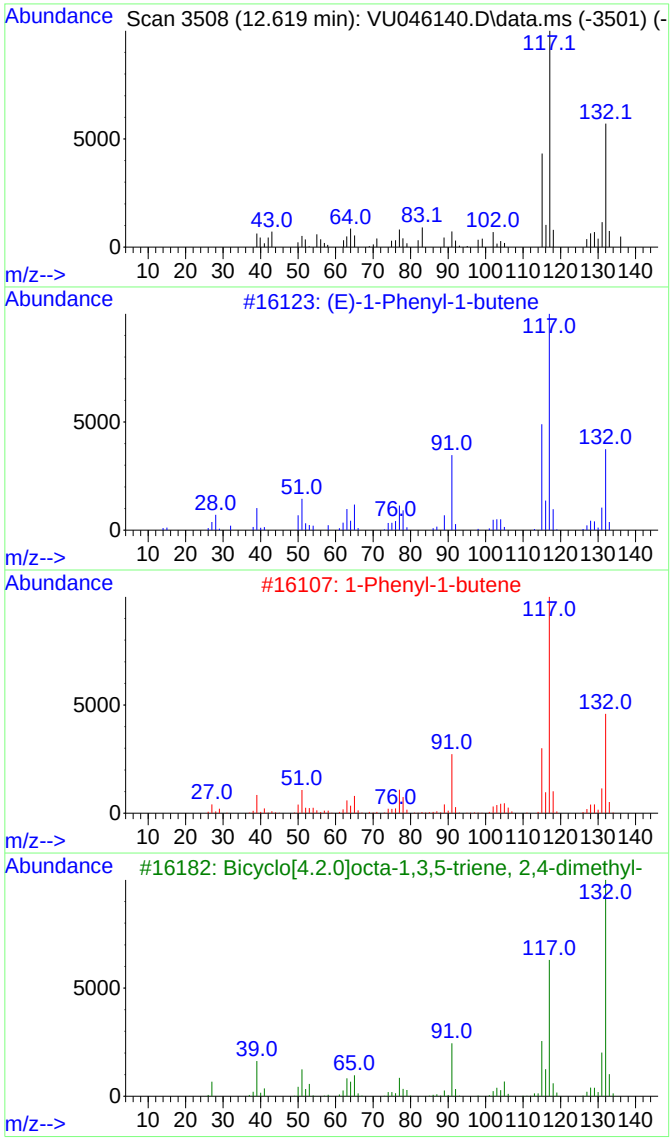
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

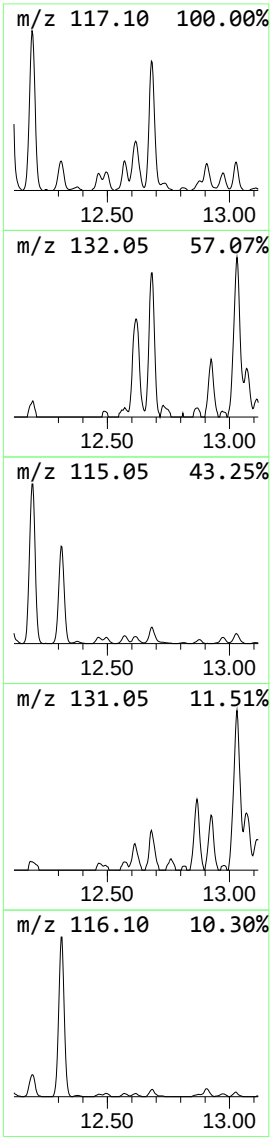
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (E)-1-Phenyl-1-butene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.619	8.02 ug/L	41454	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

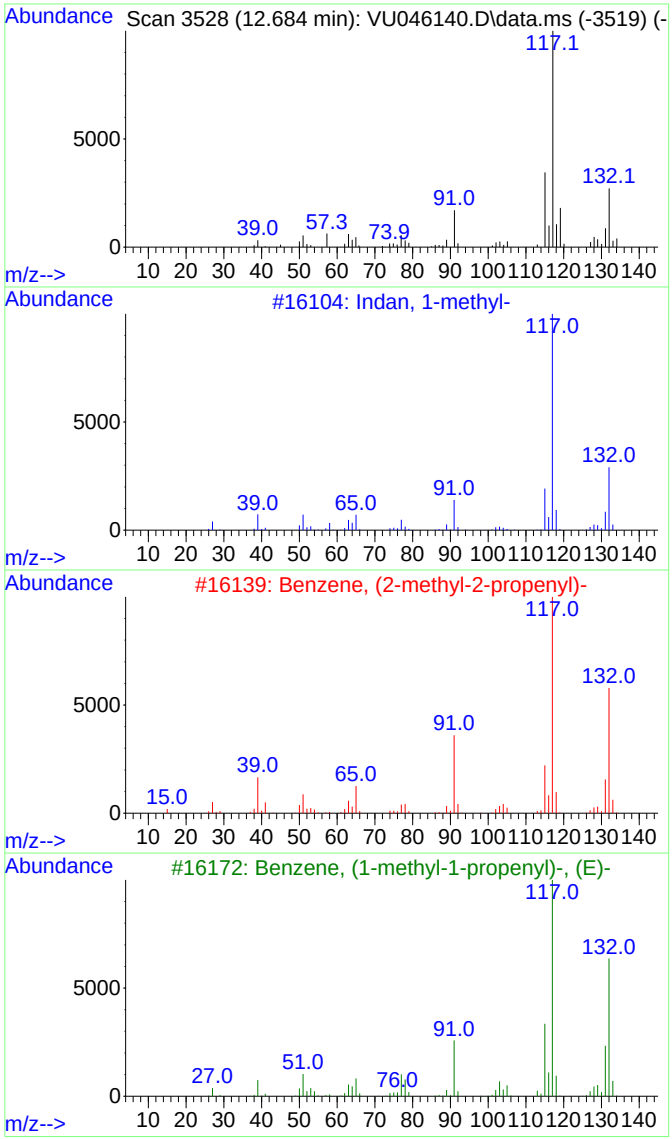
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

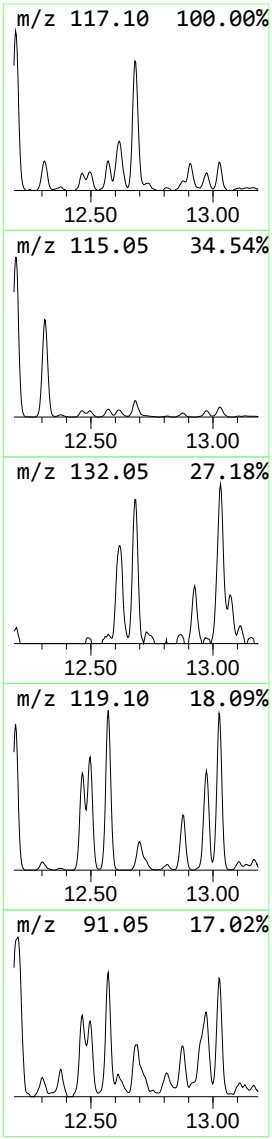
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Indan, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	19.88 ug/L	102754	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	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

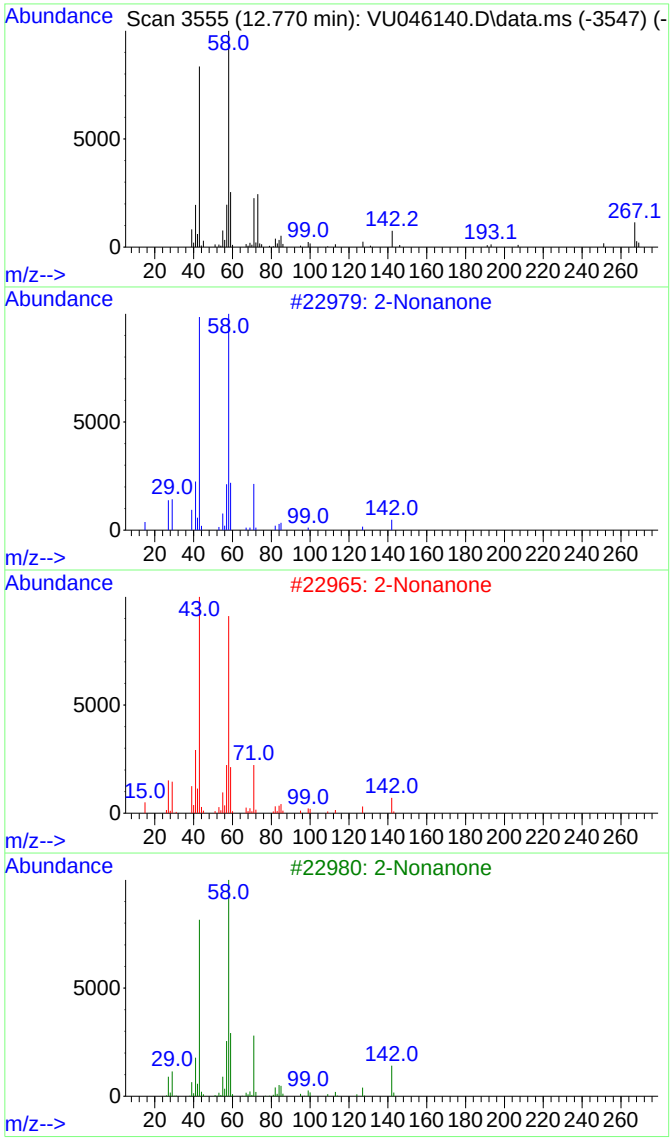
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

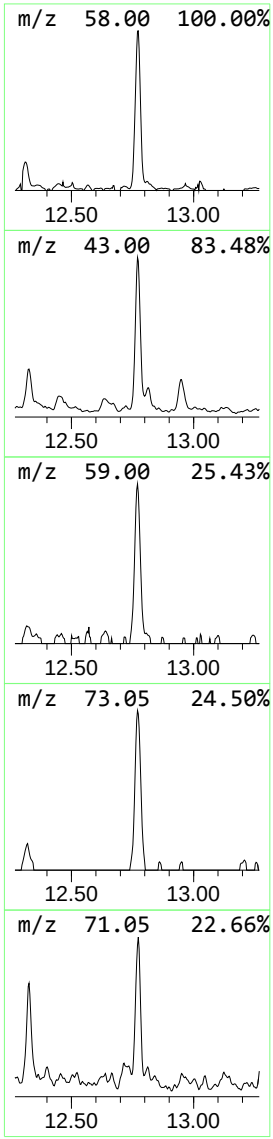
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 2-Nonanone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.770	13.04 ug/L	67401	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	81
2	2-Nonanone	142	C9H18O	000821-55-6	81
3	2-Nonanone	142	C9H18O	000821-55-6	81
4	2-Undecanone	170	C11H22O	000112-12-9	59
5	2-Undecanone	170	C11H22O	000112-12-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046140.D
Acq On : 07 Dec 2021 15:03
Operator : SY/MD
Sample : M4960-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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
Ethyl ether	2.378	434.1	ug/L	955053	1	6.253	109995	50.0
Diisopropyl ether	3.993	7.2	ug/L	15836	1	6.253	109995	50.0
2-Butanone, 3-m...	6.156	55.6	ug/L	122372	1	6.253	109995	50.0
unknown-01	6.771	36.3	ug/L	79800	1	6.253	109995	50.0
3-Pentanone	6.925	6.9	ug/L	15192	1	6.253	109995	50.0
2-Pentanol, 4-m...	8.234	31.5	ug/L	79289	2	9.417	125749	50.0
2-Hexanone, 5-m...	9.777	70.7	ug/L	177681	2	9.417	125749	50.0
unknown-02	9.851	6.4	ug/L	16189	2	9.417	125749	50.0
4-Heptanone	9.912	33.0	ug/L	83031	2	9.417	125749	50.0
2-Heptanone	10.233	59.4	ug/L	149457	2	9.417	125749	50.0
1,5-Cyclooctadiene	10.571	2263.4	ug/L	5692300	2	9.417	125749	50.0
4-Heptanone, 3-...	10.684	11.6	ug/L	60111	3	11.812	258489	50.0
3-Hexanol, 3,5-...	10.854	2.9	ug/L	15219	3	11.812	258489	50.0
Benzene, propyl-	10.906	46.4	ug/L	240013	3	11.812	258489	50.0
Benzene, 1-ethy...	10.999	260.7	ug/L	1347820	3	11.812	258489	50.0
Cyclohexane, 1-...	11.163	8.1	ug/L	42027	3	11.812	258489	50.0
Benzene, 1-ethy...	11.291	106.4	ug/L	550271	3	11.812	258489	50.0
Benzene, 2-ethy...	11.417	3.1	ug/L	16107	3	11.812	258489	50.0
Benzene, 1-ethe...	11.536	18.8	ug/L	97305	3	11.812	258489	50.0
2-Octanone	11.571	33.3	ug/L	172059	3	11.812	258489	50.0
2-Octanol, (R)-	11.645	10.4	ug/L	53545	3	11.812	258489	50.0
1-Hexanol, 2-et...	12.057	53.6	ug/L	277020	3	11.812	258489	50.0
Benzene, cyclop...	12.095	111.6	ug/L	576702	3	11.812	258489	50.0
Indene	12.314	39.4	ug/L	203760	3	11.812	258489	50.0
Benzene, 1-meth...	12.378	11.7	ug/L	60573	3	11.812	258489	50.0
o-Cymene	12.465	25.5	ug/L	131797	3	11.812	258489	50.0
Benzene, 1-meth...	12.571	26.1	ug/L	134977	3	11.812	258489	50.0
(E)-1-Phenyl-1-...	12.619	8.0	ug/L	41454	3	11.812	258489	50.0
Indan, 1-methyl-	12.684	19.9	ug/L	102754	3	11.812	258489	50.0
2-Nonanone	12.770	13.0	ug/L	67401	3	11.812	258489	50.0