LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EXYX4

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\SFAMULM061022WMA.M
Title : VOC Analysis

Signal : TIC: VU049034.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	72	82	104	rBV	6094385	7223131	11.17%	4.887%
2	1.925	166	182	209	rVB2	195027	365067	0.56%	0.247%
3	2.163	248	256	265	rBV	21202	29419	0.05%	0.020%
4	2.240	275	280	294	rVB5	3424	5303	0.01%	0.004%
5	2.575	368	384	398	rBV4	436168	834052	1.29%	0.564%
6	2.681	409	417	428	rVB	11372	18639	0.03%	0.013%
7	2.790	443	451	456	rVV4	869	1227	0.00%	0.001%
8	3.044	518	530	547	rVB2	37458	69738	0.11%	0.047%
9	3.176	562	571	589	rVB2	8353	20058	0.03%	0.014%
10	3.350	609	625	649	rBV	631186	1234926	1.91%	0.835%
11	3.871	764	787	838	rBV	14504650	34630581	53.54%	23.429%
12	4.279	912	914	924	rVB3	954	1090	0.00%	0.001%
13	4.668	1010	1035	1082	rBV	28504096	64686211	100.00%	43.763%
14	5.063	1144	1158	1183	rVB	185179	424263	0.66%	0.287%
15	5.314	1220	1236	1254	rBV	514901	1154234	1.78%	0.781%
16	5.523	1292	1301	1314	rVB7	4863	10886	0.02%	0.007%
17	5.723	1342	1363	1374	rBV2	347365	965478	1.49%	0.653%
18	5.970	1434	1440	1442	rBV5	1291	1239	0.00%	0.001%
19	6.150	1490	1496	1506	rBV5	1406	2542	0.00%	0.002%
20	6.247	1512	1526	1548	rBV	292747	553710	0.86%	0.375%
21	6.542	1602	1618	1645	rBV	1871025	3490849	5.40%	2.362%
22	6.690	1651	1664	1678	rBV	232821	438762	0.68%	0.297%
23	6.967	1740	1750	1764	rVB3	7221	14258	0.02%	0.010%
24	7.166	1800	1812	1824	rVB5	7875	16251	0.03%	0.011%
25	7.247	1832	1837	1844	rVB5	1049	1375	0.00%	0.001%
26	7.565	1920	1936	1951	rBV2	101987	176380	0.27%	0.119%
27	7.677	1964	1971	1980	rVB6	2084	3274	0.01%	0.002%
28	7.796	1998	2008	2017	rBV6	1696	3073	0.00%	0.002%
29	7.896	2019	2039	2051	rBV	414897	714142	1.10%	0.483%
30	7.970	2051	2062	2076	rVB	180735	310412	0.48%	0.210%
31	8.028	2077	2080	2081	rBV2	2267	1438	0.00%	0.001%
32	8.173	2109	2125	2140	rBV3	91918	201478	0.31%	0.136%
33	8.398	2183	2195	2211	rBV	125934	213176	0.33%	0.144%
34	8.484	2211	2222	2232	rVB5	7031	13695	0.02%	0.009%
35	8.552	2232	2243	2255	rVB2	80797	136086	0.21%	0.092%
36	8.632	2256	2268	2304	rBV3	325428	622511	0.96%	0.421%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EXYX4

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\SFAMULM061022WMA.M
Title : VOC Analysis

37	8.800	2318	2320	2329	rVB7	1338	1133	0.00%	0.001%
38	8.861	2331	2339	2349	rVB8	3709	6336	0.01%	0.004%
39	8.922	2352	2358	2367	rBV6	2077	2789	0.00%	0.002%
40	9.041	2389	2395	2401	rBV4	1545	1797	0.00%	0.001%
41	9.102	2408	2414	2418	rBV3	1332	1683	0.00%	0.001%
42	9.269	2459	2466	2475	rBV8	1642	2603	0.00%	0.002%
43	9.417	2499	2512	2533	rBV	418188	688498	1.06%	0.466%
44	9.571	2547	2560	2580	rBV	455188	731984	1.13%	0.495%
45	9.690	2584	2597	2621	rVB	817730	1319705	2.04%	0.893%
46	9.893	2653	2660	2666	rVB4	2411	3048	0.00%	0.002%
47	10.099	2709	2724	2750	rVV	1446306	2241803	3.47%	1.517%
48	10.275	2772	2779	2790	rVB5	8680	12841	0.02%	0.009%
49	10.346	2797	2801	2803	rBV3	1925	1597	0.00%	0.001%
50	10.365	2803	2807	2815	rVB8	2348	3810	0.01%	0.003%
51	10.484	2831	2844	2859	rBV	183173	286047	0.44%	0.194%
52	10.603	2875	2881	2882	rBV3	1618	1603	0.00%	0.001%
53	10.693	2900	2909	2917	rBV9	4251	6223	0.01%	0.004%
54	10.754	2917	2928	2941	rBV	360504	581703	0.90%	0.394%
55	10.906	2963	2975	2990	rVV	378077	592639	0.92%	0.401%
56	10.996	2991	3003	3021	rVV	1486189	2804267	4.34%	1.897%
57	11.086	3021	3031	3049	rVB	1001168	1521883	2.35%	1.030%
58	11.230	3068	3076	3082	rVV2	9150	13523	0.02%	0.009%
59	11.291	3082	3095	3112	rVB	1188931	1815120	2.81%	1.228%
60	11.420	3125	3135	3136	rBV6	6302	7300	0.01%	0.005%
61	11.468	3137	3150	3168	rVB	4313819	6490335	10.03%	4.391%
62	11.610	3185	3194	3198	rBV	20555	30693	0.05%	0.021%
63	11.642	3199	3204	3216	rVB2	43374	64003	0.10%	0.043%
64	11.745	3217	3236	3244	rBV	107596	170918	0.26%	0.116%
65	11.812	3244	3257	3270	rVB	463882	766667	1.19%	0.519%
66	11.893	3270	3282	3306	rVB	2002138	3047124	4.71%	2.062%
67	12.008	3310	3318	3328	rVB	18340	28989	0.04%	0.020%
68	12.095	3330	3345	3352	rBV2	629790	1058976	1.64%	0.716%
69	12.192	3363	3375	3397	rVB5	724782	1463788	2.26%	0.990%
70	12.301	3399	3409	3422	rVV3	33304	53084	0.08%	0.036%
71	12.375	3422	3432	3444	rVB	95405	144837	0.22%	0.098%
72	12.484	3449	3466	3483	rBV3	529765	1180730	1.83%	0.799%
73	12.571	3484	3493	3501	rBV	197541	283707	0.44%	0.192%
74	12.684	3516	3528	3548	rBV3	90881	221648	0.34%	0.150%
75	12.761	3548	3552	3559	rVV6	3493	4790	0.01%	0.003%
76	12.809	3560	3567	3576	rVV3	8663	12435	0.02%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

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\SFAMULM061022WMA.M
Title : VOC Analysis

77	12.877	3577	3588	3600	rVB3	76050	123219	0.19%	0.083%
78	12.973	3602	3618	3626	rBV	94464	153830	0.24%	0.104%
79	13.024	3626	3634	3647	rVB	172067	262923	0.41%	0.178%
80	13.111	3652	3661	3666	rBV7	9860	16782	0.03%	0.011%
81	13.166	3673	3678	3683	rBV4	4079	4143	0.01%	0.003%
82	13.253	3698	3705	3710	rBV2	7502	10850	0.02%	0.007%
83	13.295	3710	3718	3729	rVB2	36144	55256	0.09%	0.037%
84	13.407	3743	3753	3755	rBV	8021	11316	0.02%	0.008%
85	13.449	3756	3766	3781	rVV3	198169	342030	0.53%	0.231%
86	13.520	3781	3788	3796	rVB5	12916	19518	0.03%	0.013%
87	13.623	3810	3820	3838	rVB3	59083	97322	0.15%	0.066%
88	13.738	3848	3856	3864	rBV8	8505	15077	0.02%	0.010%
89	13.783	3866	3870	3877	rVB4	4542	5508	0.01%	0.004%
90	13.838	3878	3887	3901	rBV7	13073	26235	0.04%	0.018%
91	13.912	3904	3910	3914	rBV5	3101	4107	0.01%	0.003%
92	14.086	3953	3964	3985	rVB	199004	338952	0.52%	0.229%
93	14.291	4019	4028	4037	rVB6	3277	5834	0.01%	0.004%
94	14.487	4082	4089	4095	rBV4	2079	2865	0.00%	0.002%
95	14.684	4138	4150	4158	rVB5	4613	9276	0.01%	0.006%
96	14.809	4182	4189	4200	rBV6	1957	2983	0.00%	0.002%
97	14.880	4203	4211	4218	rBV5	1512	1998	0.00%	0.001%
98	15.021	4249	4255	4262	rVB6	3530	4641	0.01%	0.003%
99	15.227	4311	4319	4333	rBV2	9482	15573	0.02%	0.011%
100	15.413	4368	4377	4386	rBV2	11223	17365	0.03%	0.012%

Sum of corrected areas: 147809216

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
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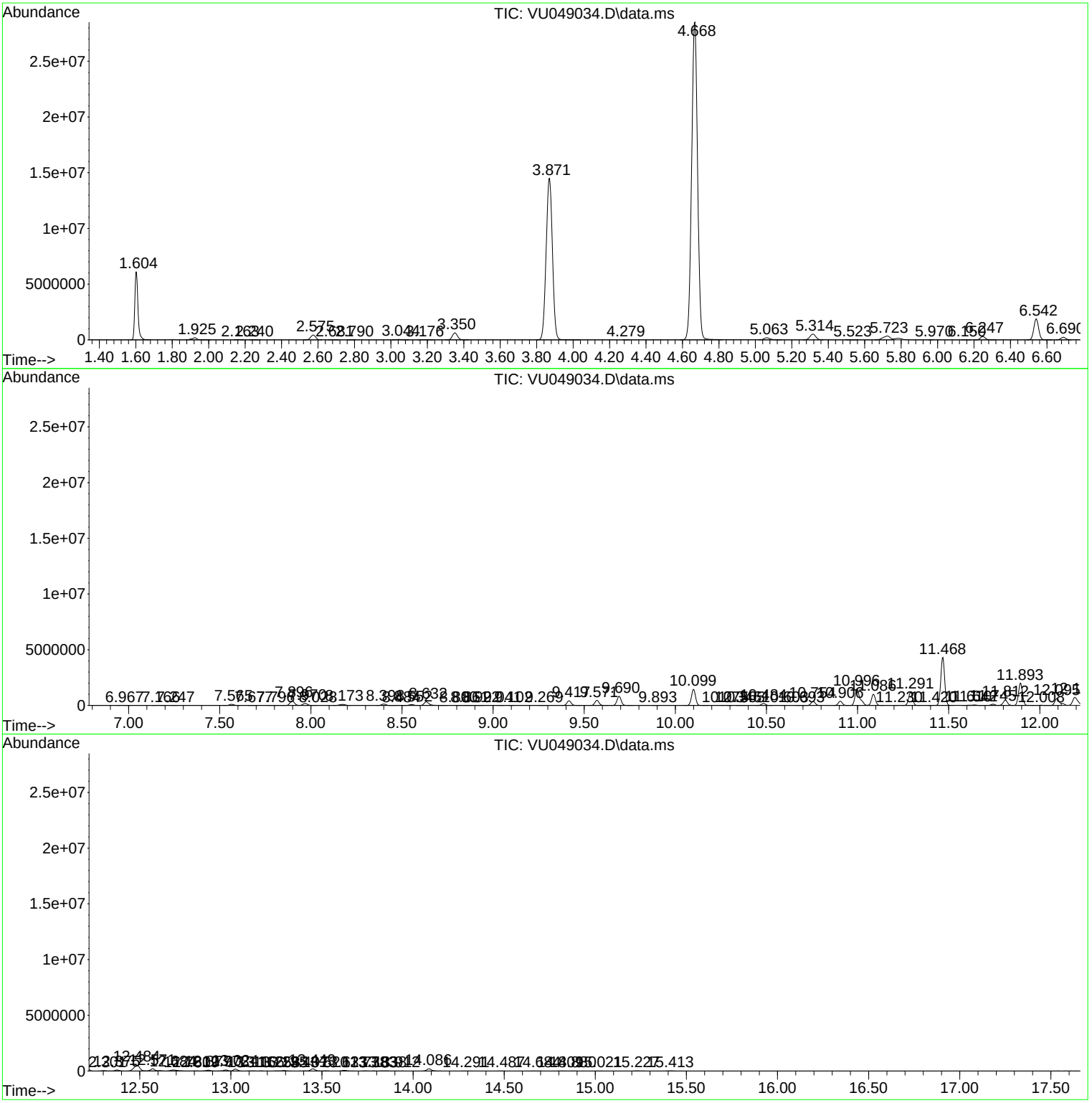
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

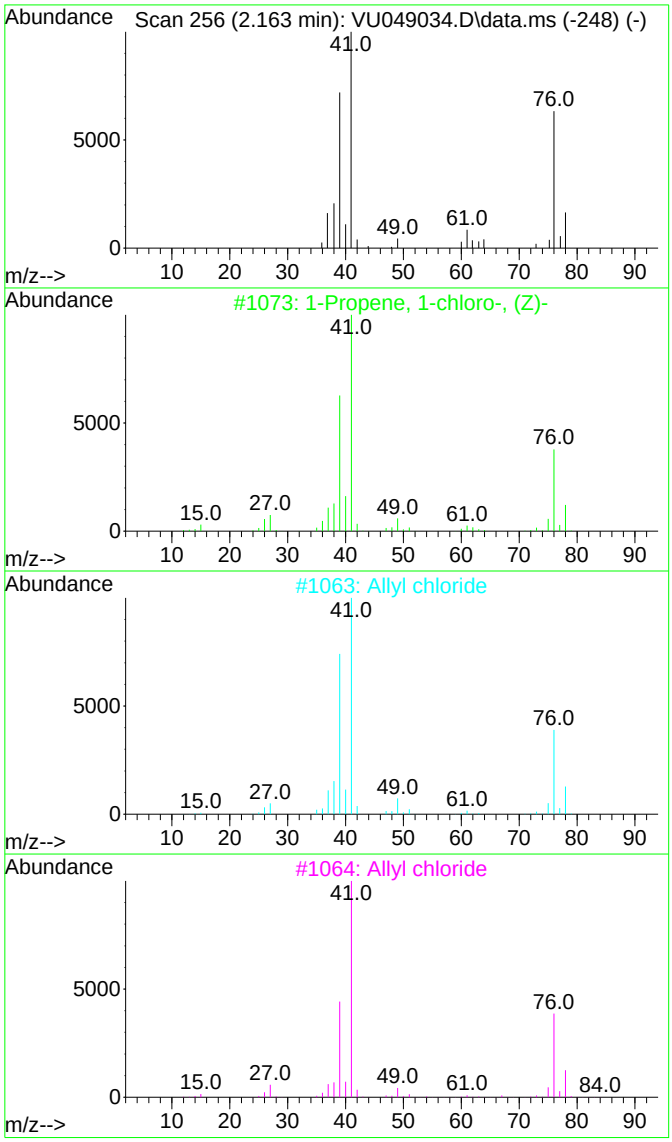
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

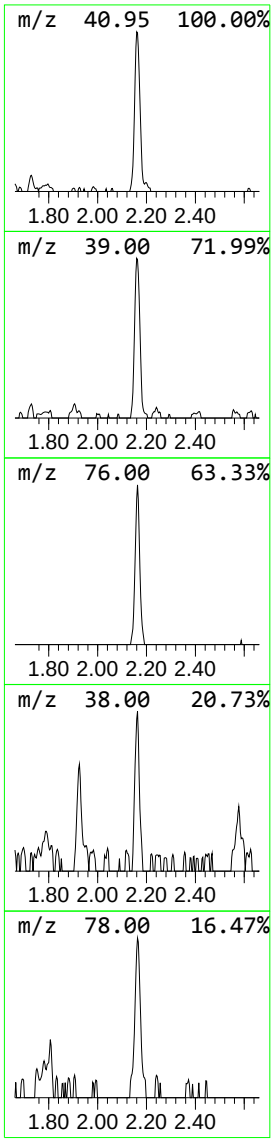
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propene, 1-chloro-, (Z)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	2.66 ug/L	29419	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	59
2	Allyl chloride	76	C3H5Cl	000107-05-1	53
3	Allyl chloride	76	C3H5Cl	000107-05-1	46
4	trans-1-Chloropropene	76	C3H5Cl	016136-85-9	45
5	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

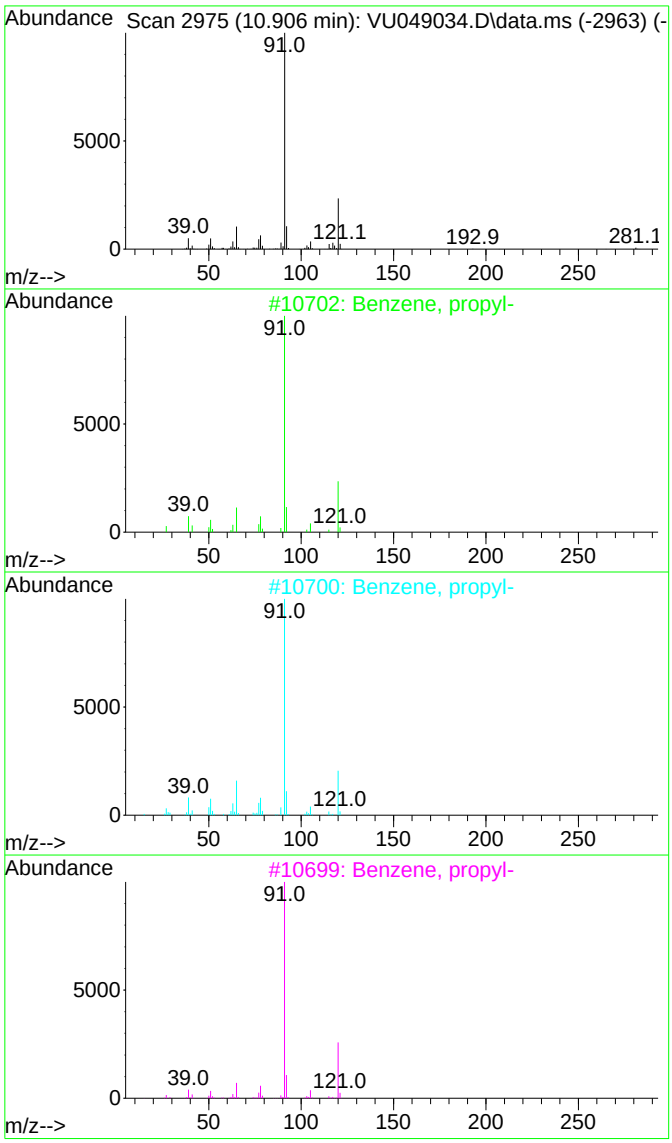
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

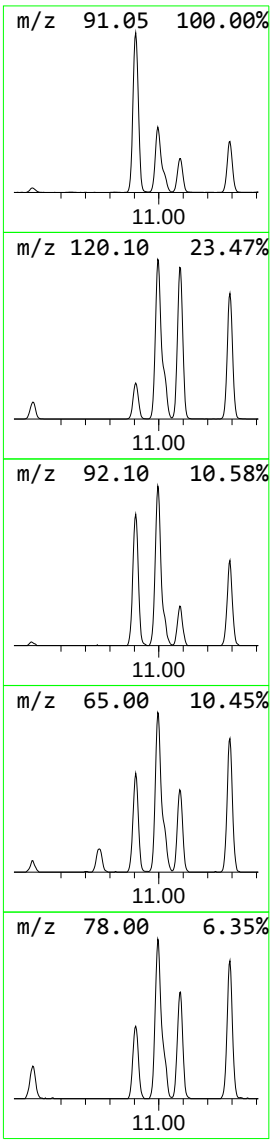
****

Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	38.65 ug/L	592639	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

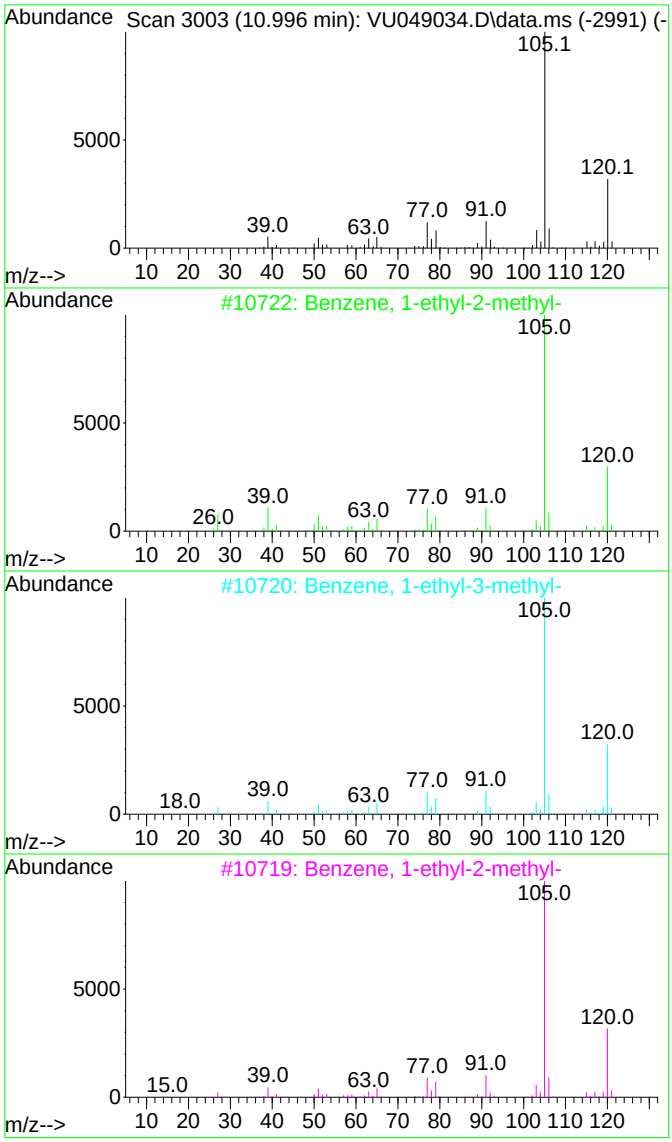
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

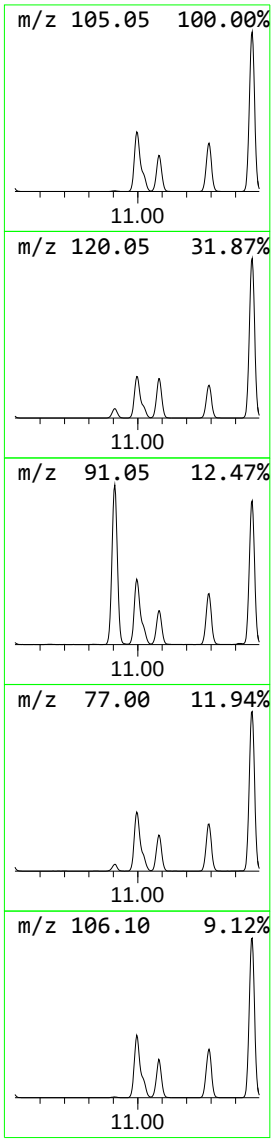
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	182.89 ug/L	2804270	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-3-methyl-	120	C9H12	000620-14-4	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

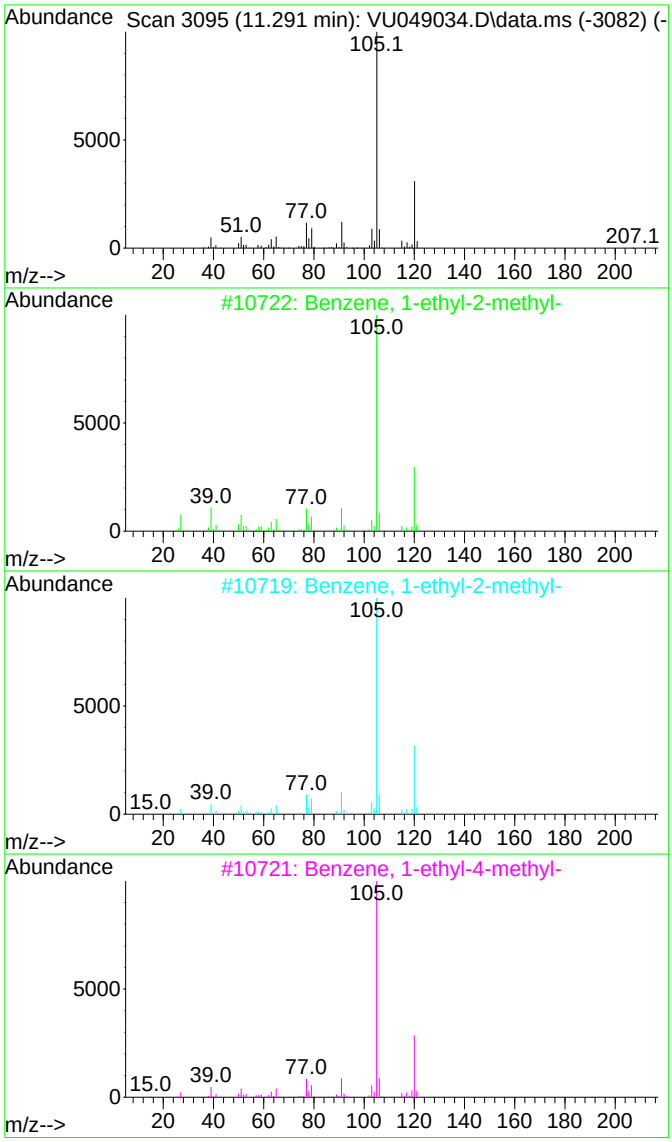
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

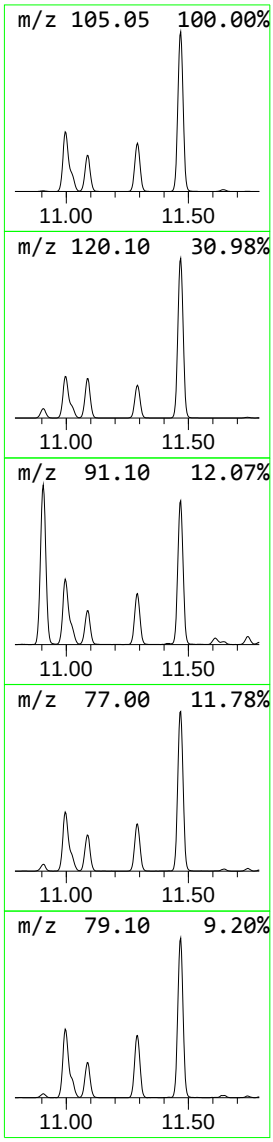
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	118.38 ug/L	1815120	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

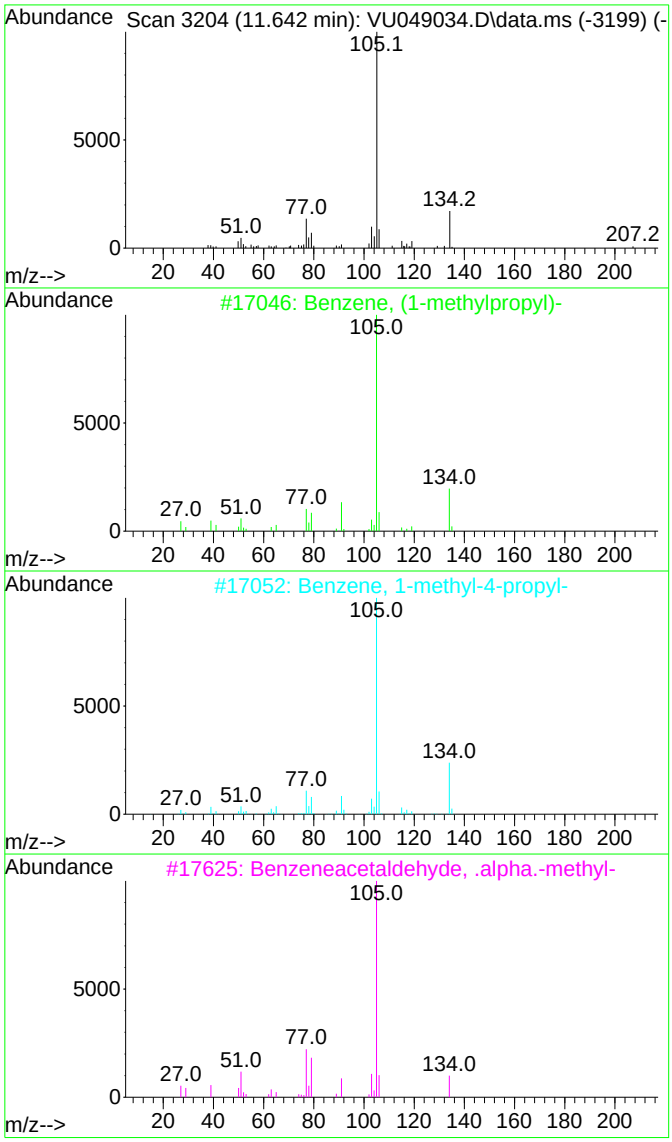
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

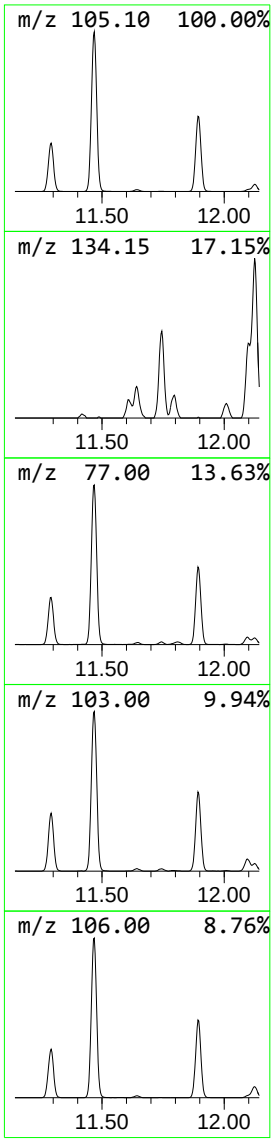
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	4.17 ug/L	64003	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

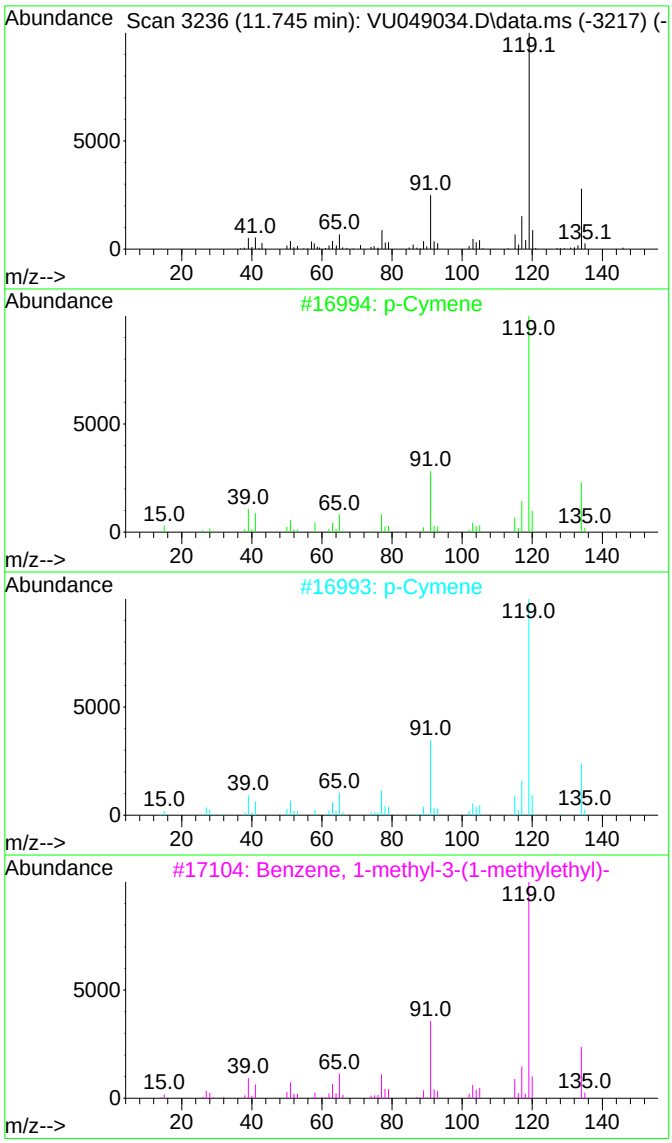
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

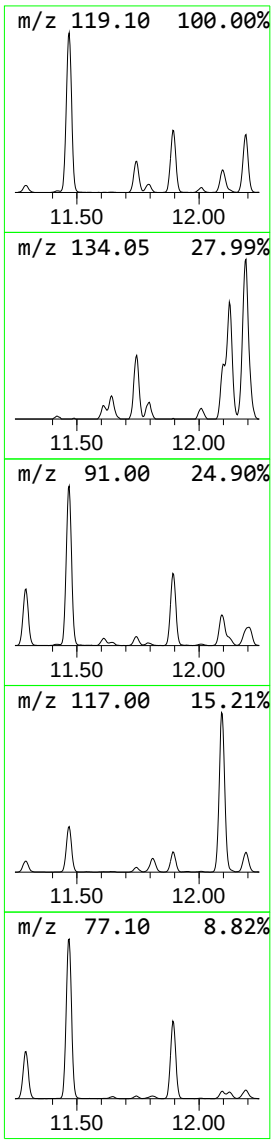
****

Peak Number 7 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	11.15 ug/L	170918	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	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	o-Cymene	134	C10H14	000527-84-4	91





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

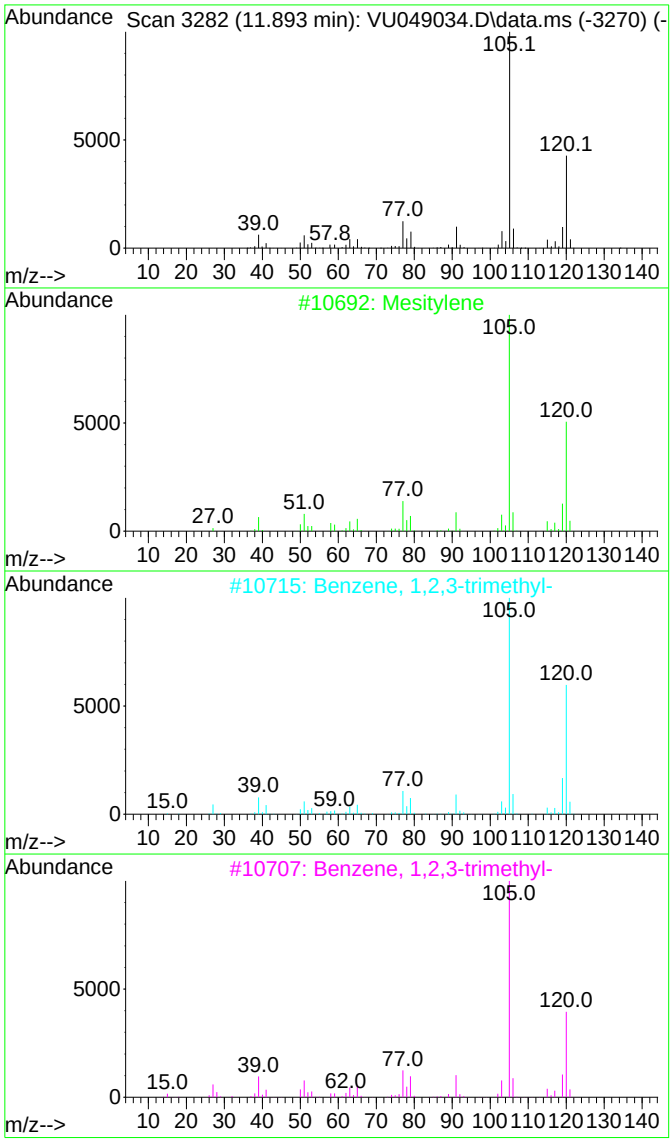
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

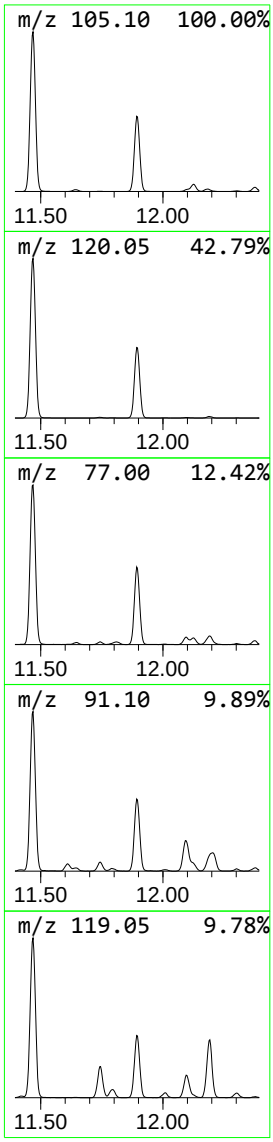
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	198.72 ug/L	3047120	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	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

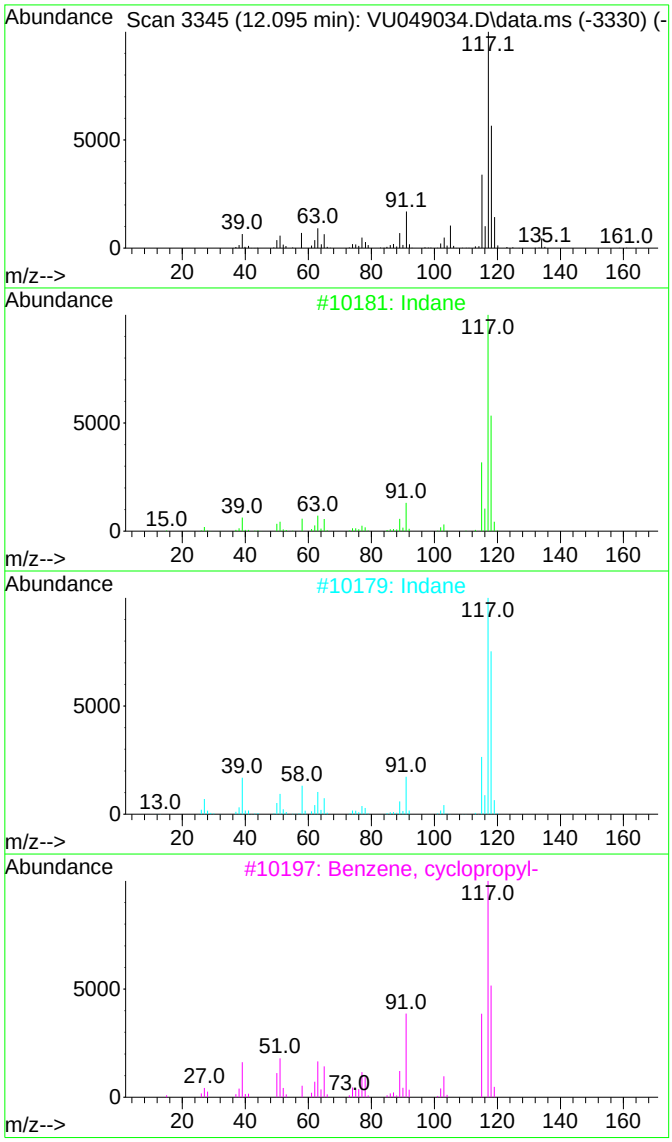
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

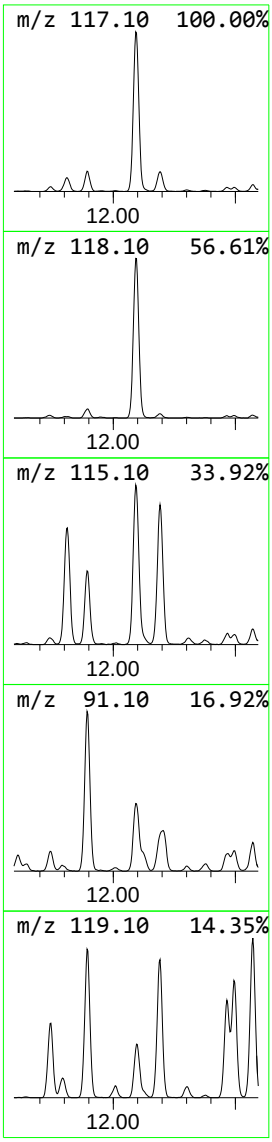
****

Peak Number 9 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	69.06 ug/L	1058980	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

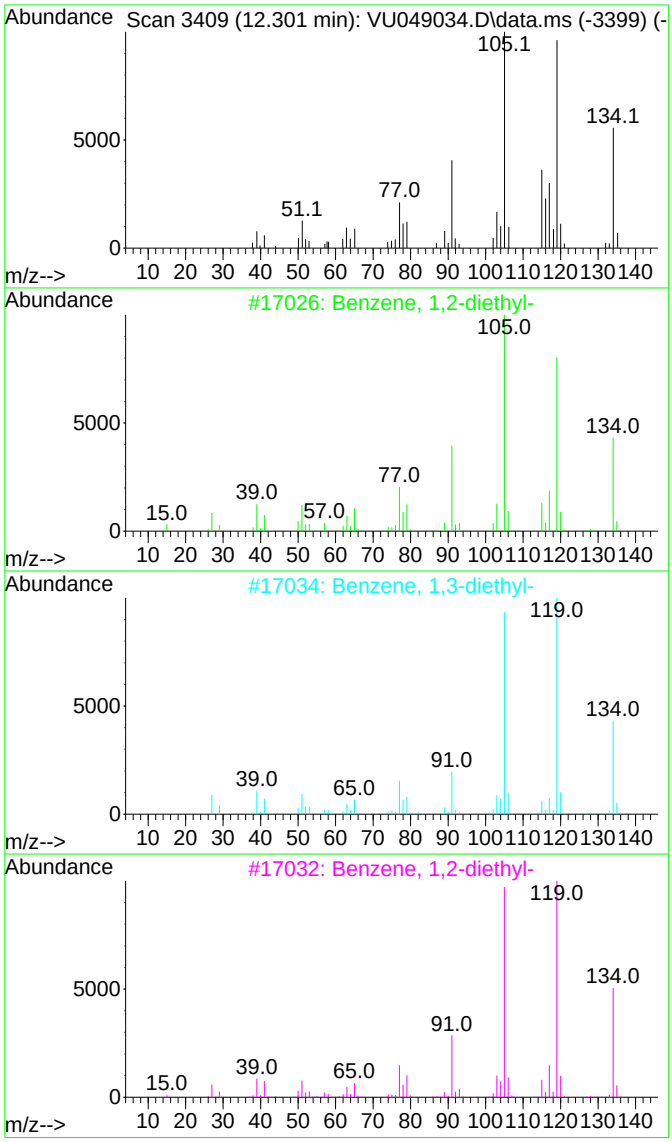
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

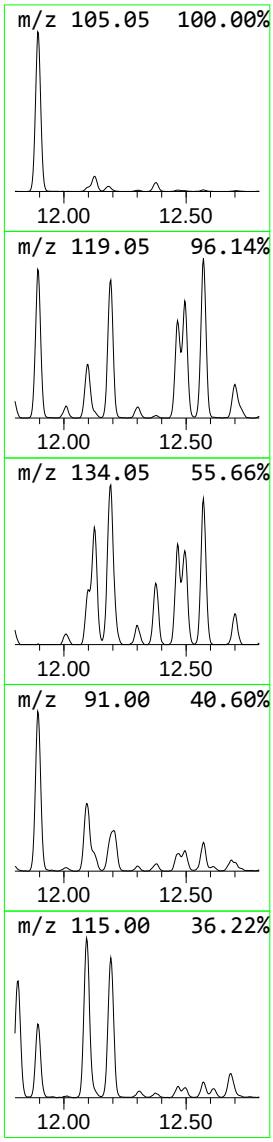
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	3.46 ug/L	53084	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	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

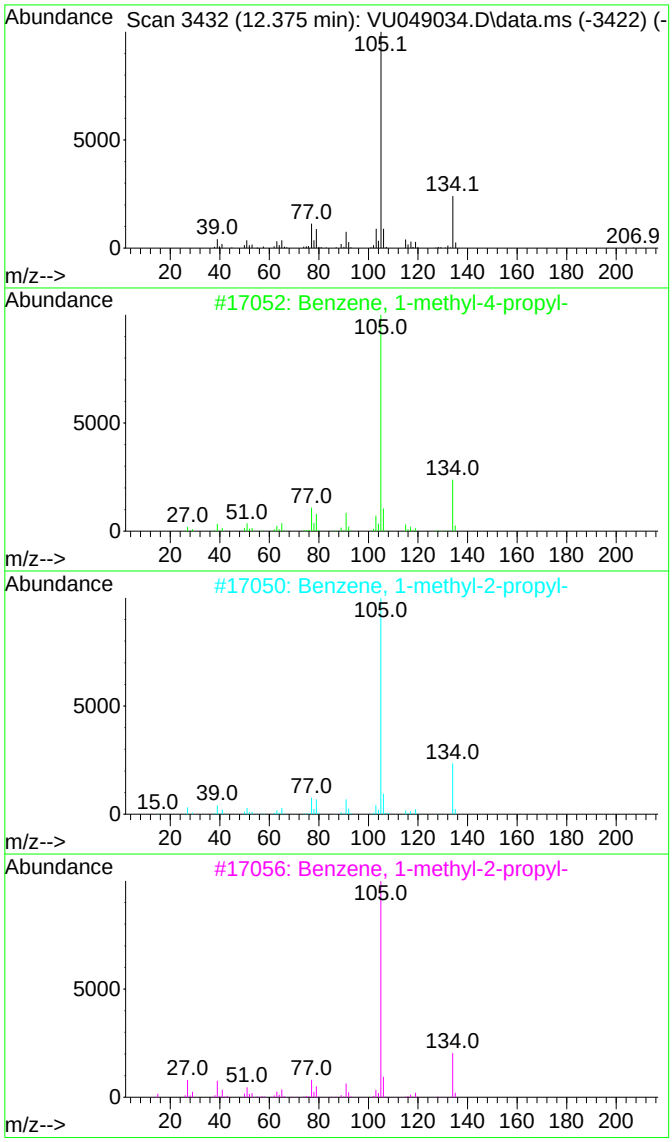
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

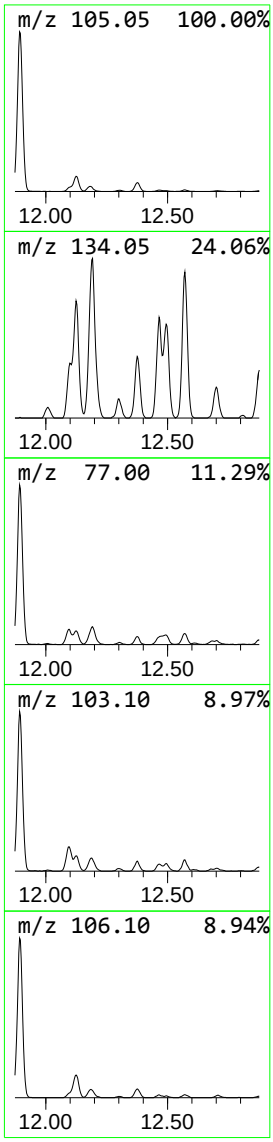
****

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	9.45 ug/L	144837	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	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

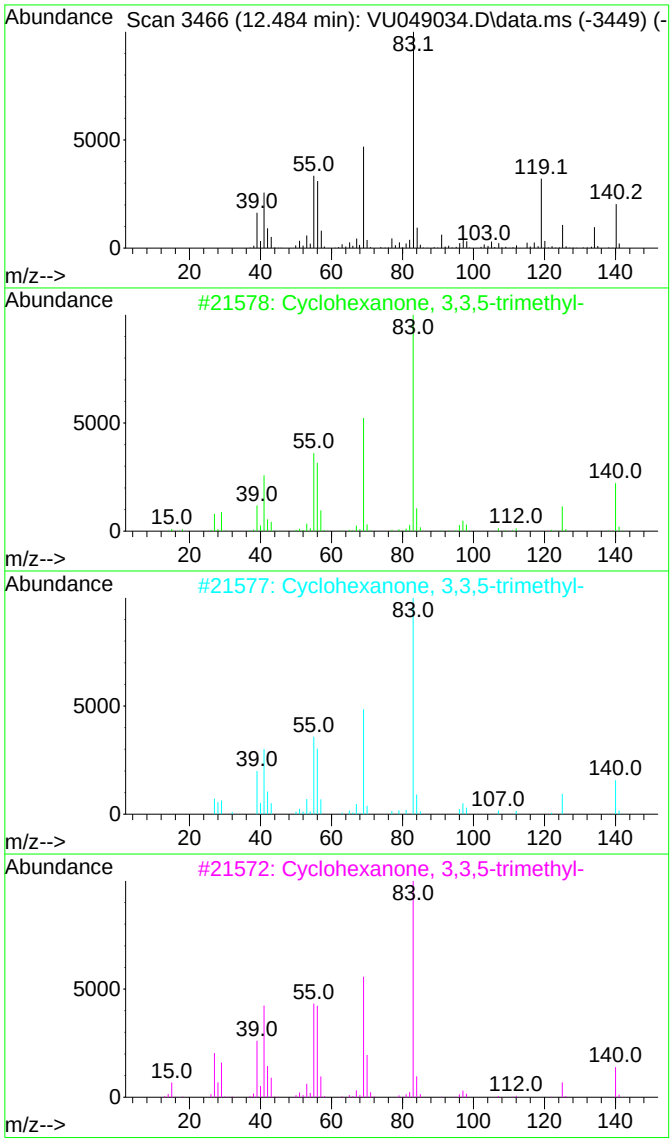
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

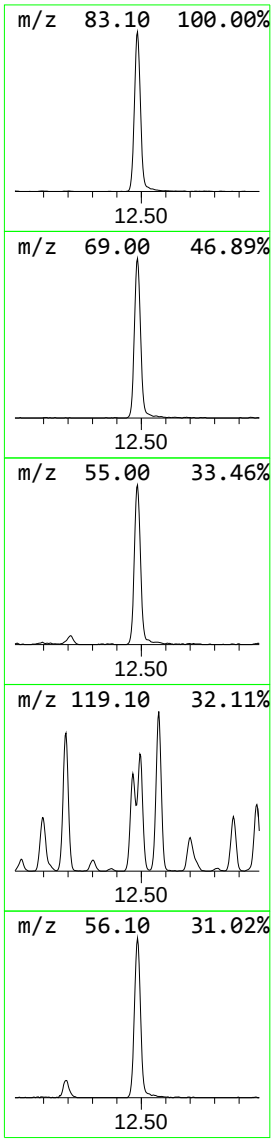
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.484	77.00 ug/L	1180730	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	93
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	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

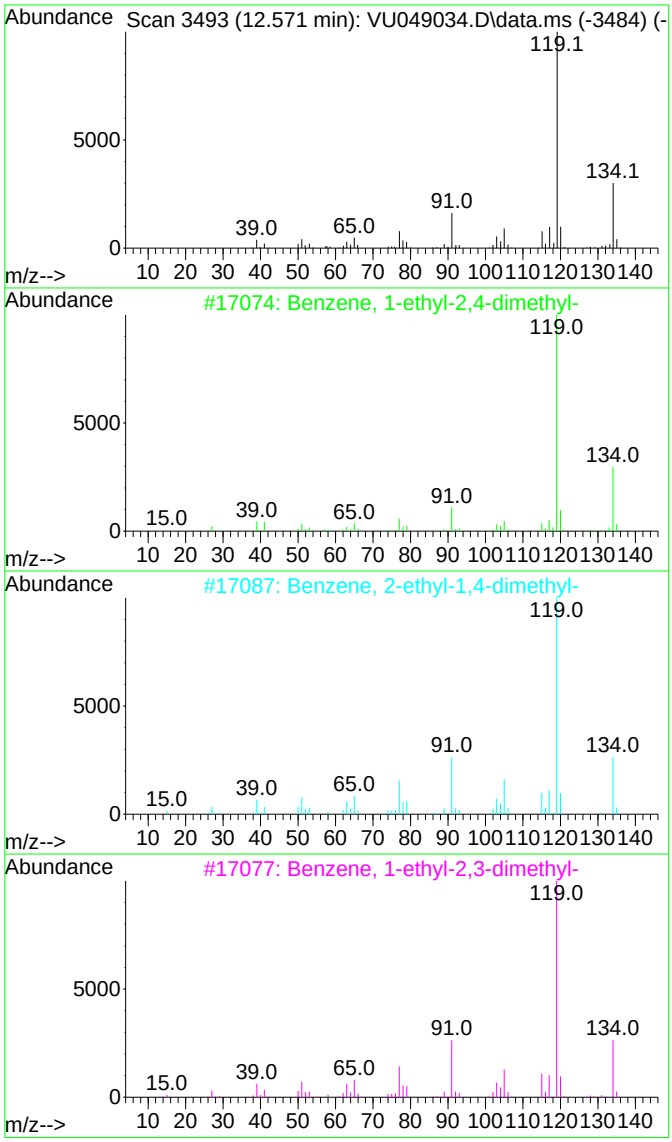
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

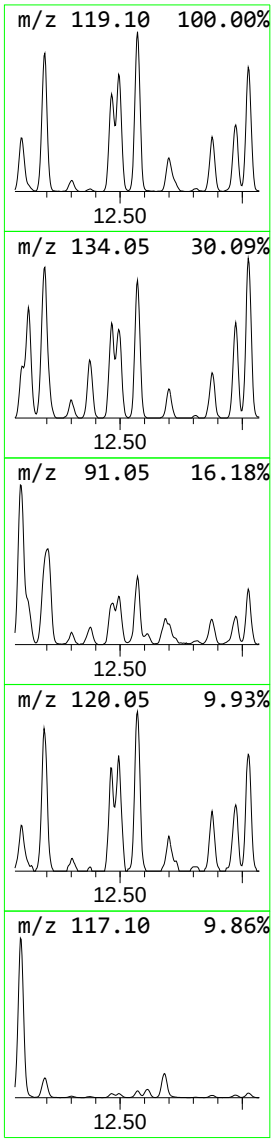
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	18.50 ug/L	283707	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

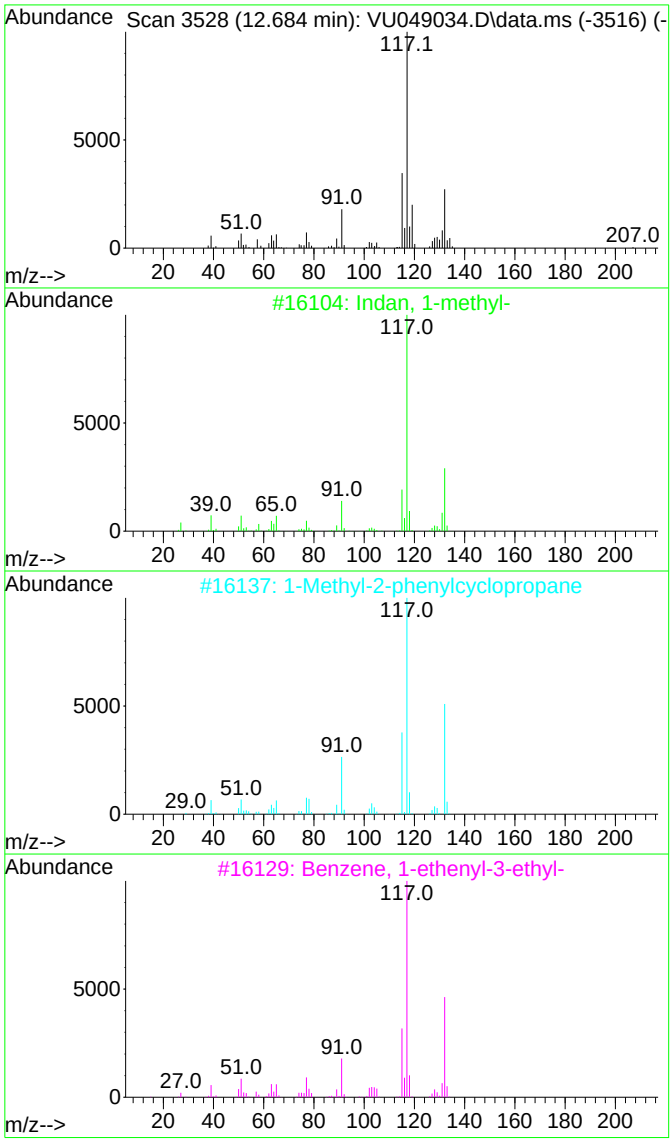
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

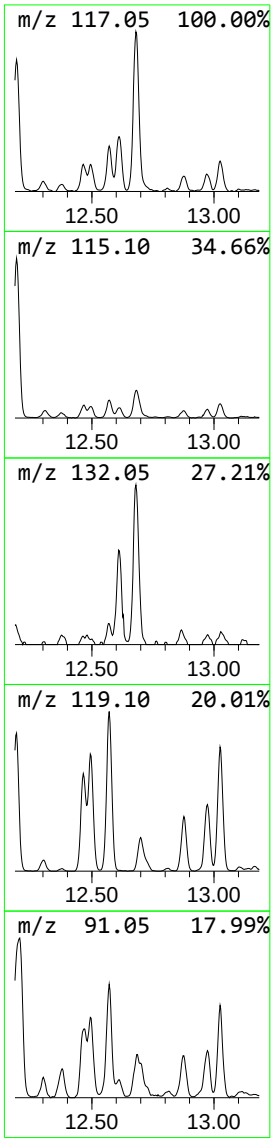
****

Peak Number 14 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	14.46 ug/L	221648	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

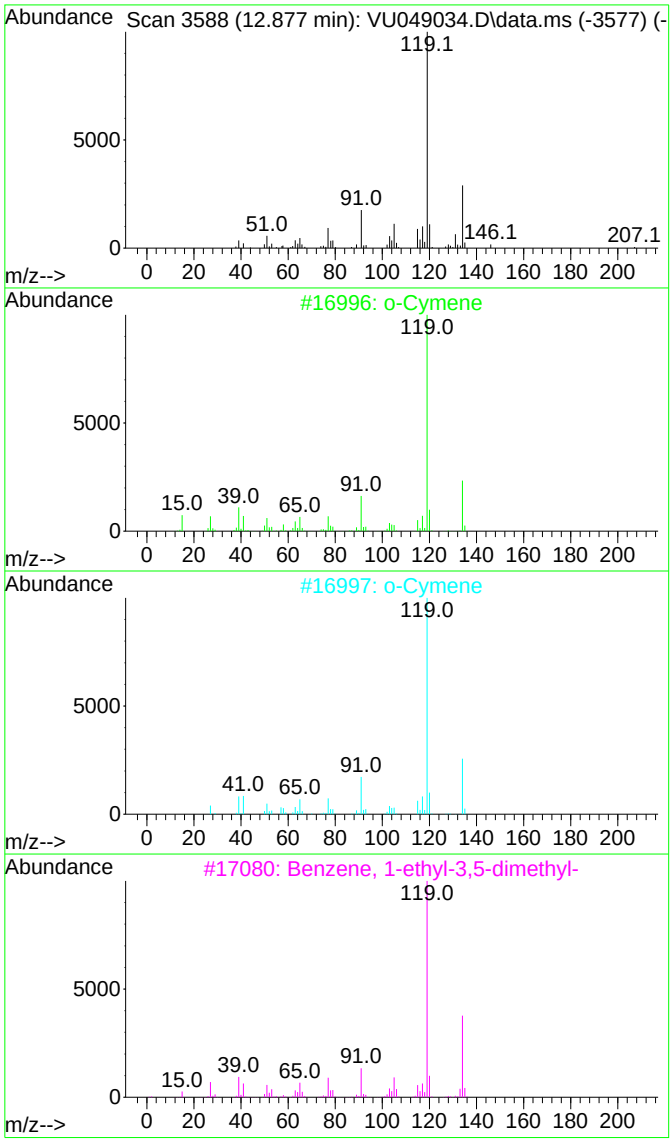
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

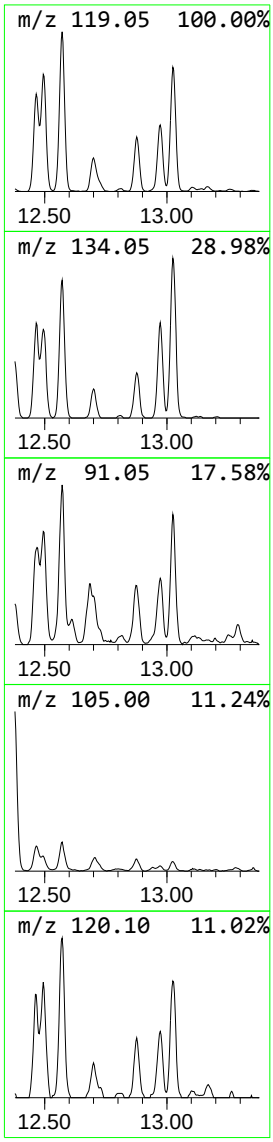
****

Peak Number 15 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	8.04 ug/L	123219	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

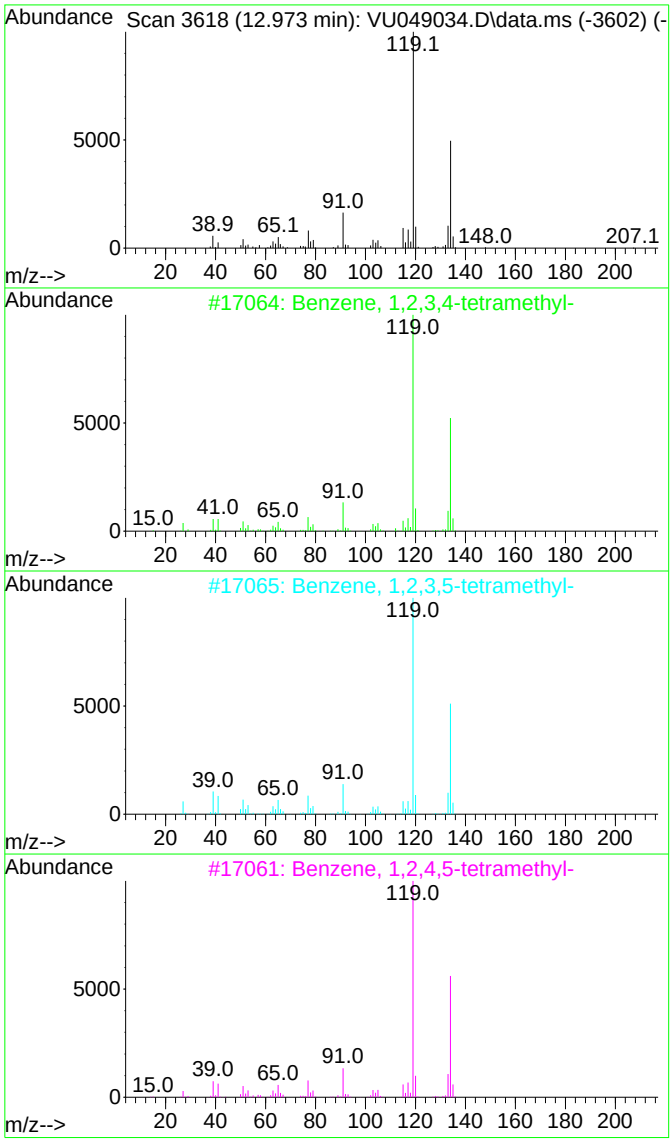
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

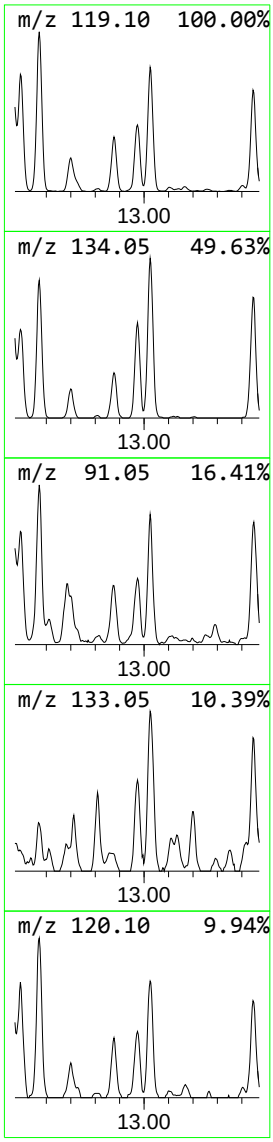
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	10.03 ug/L	153830	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

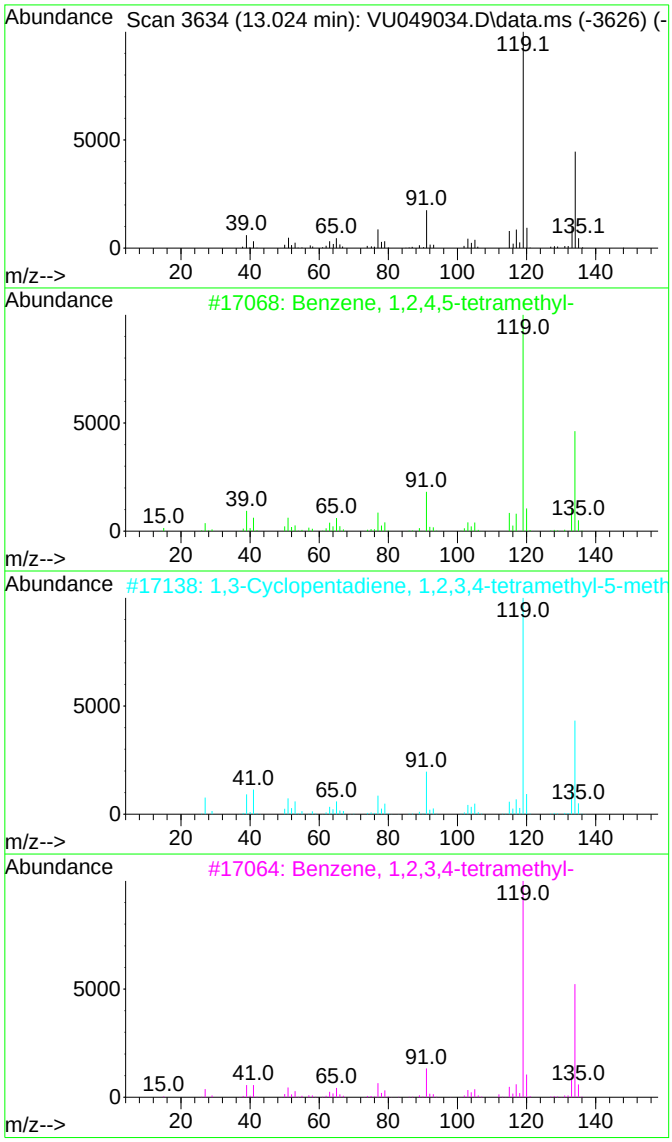
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

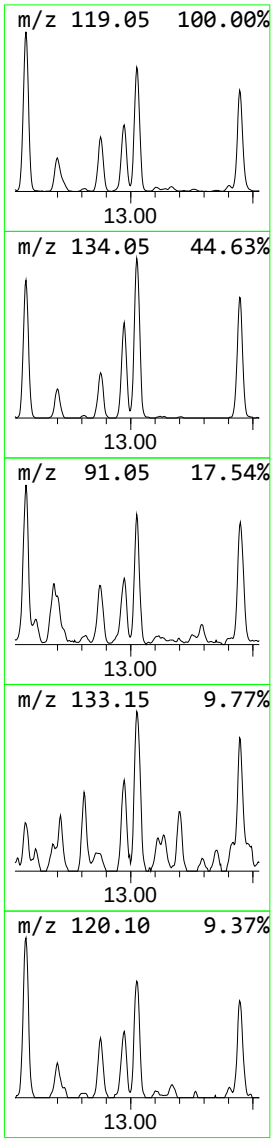
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	17.15 ug/L	262923	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	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

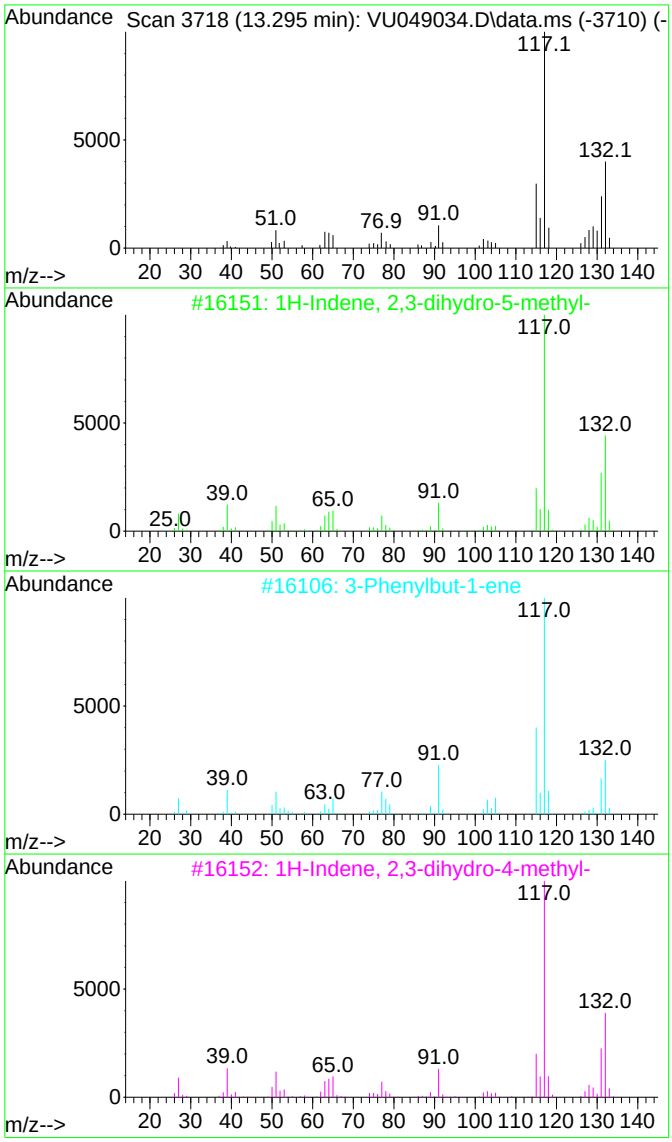
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

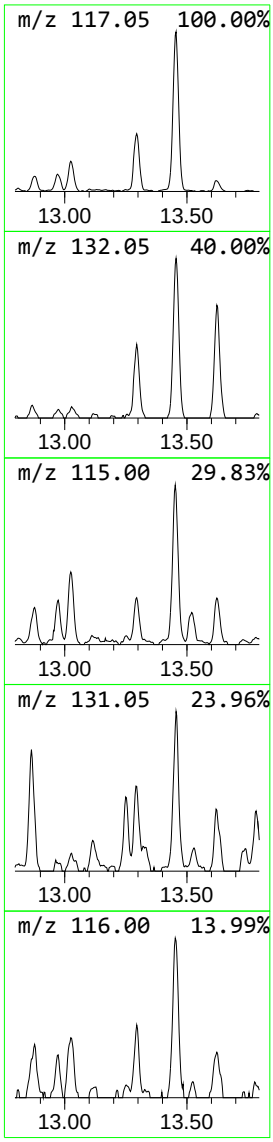
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	3.60 ug/L	55256	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

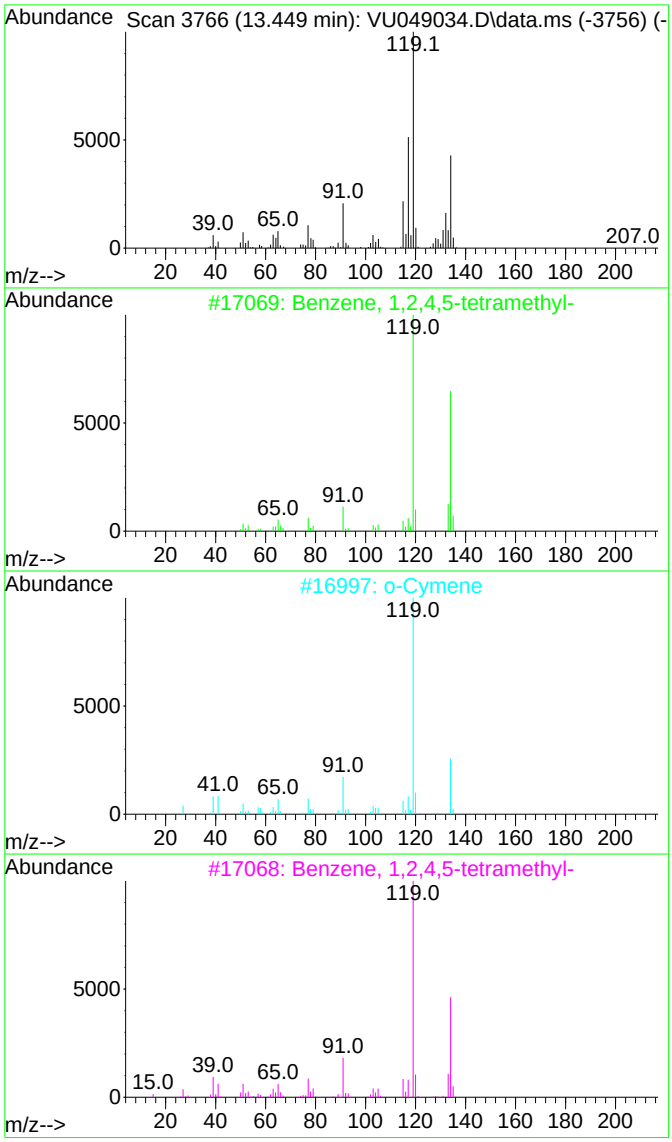
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

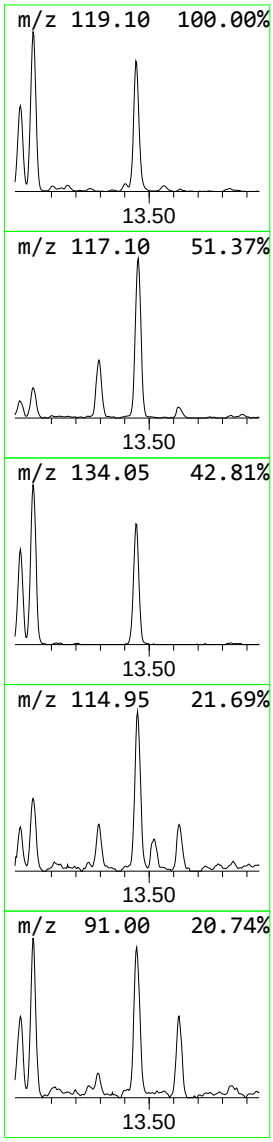
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	22.31 ug/L	342030	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	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

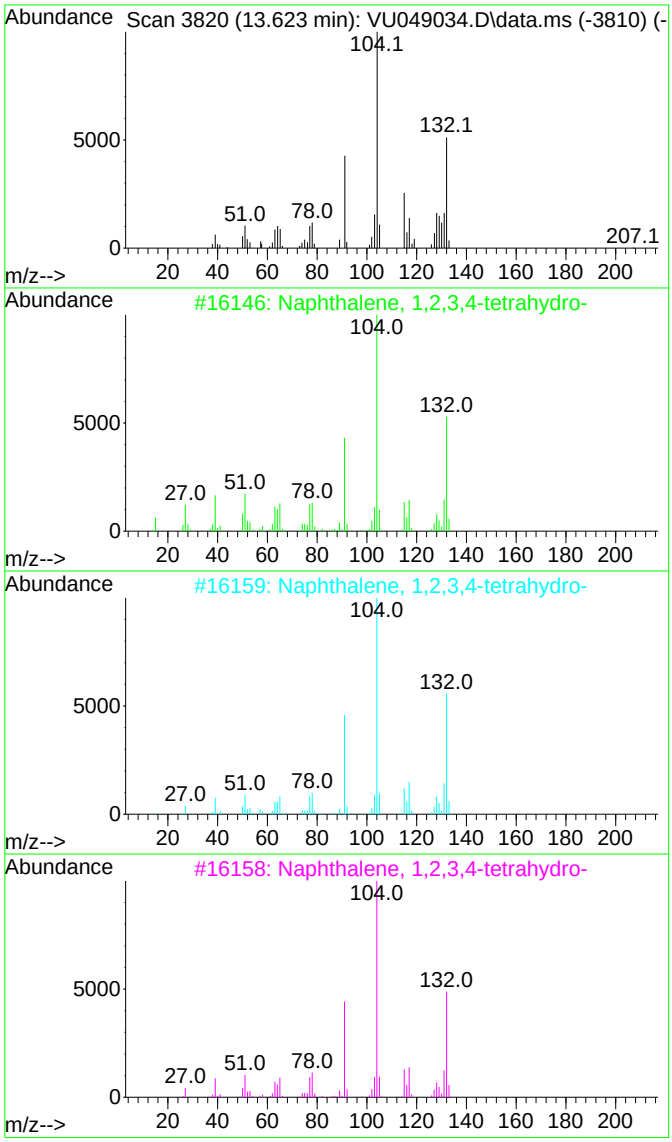
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

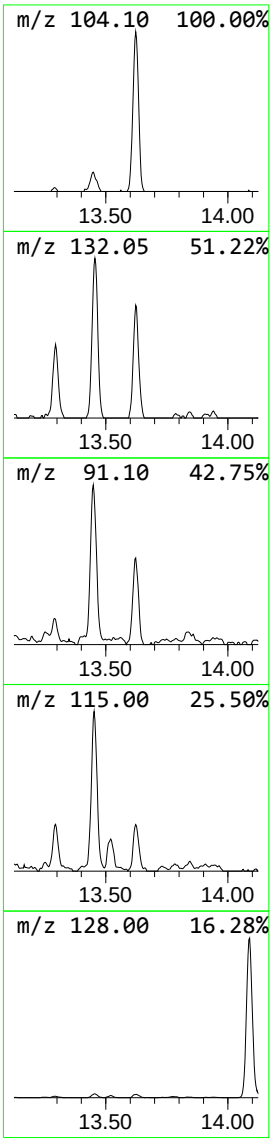
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	6.35 ug/L	97322	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	90
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	89
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

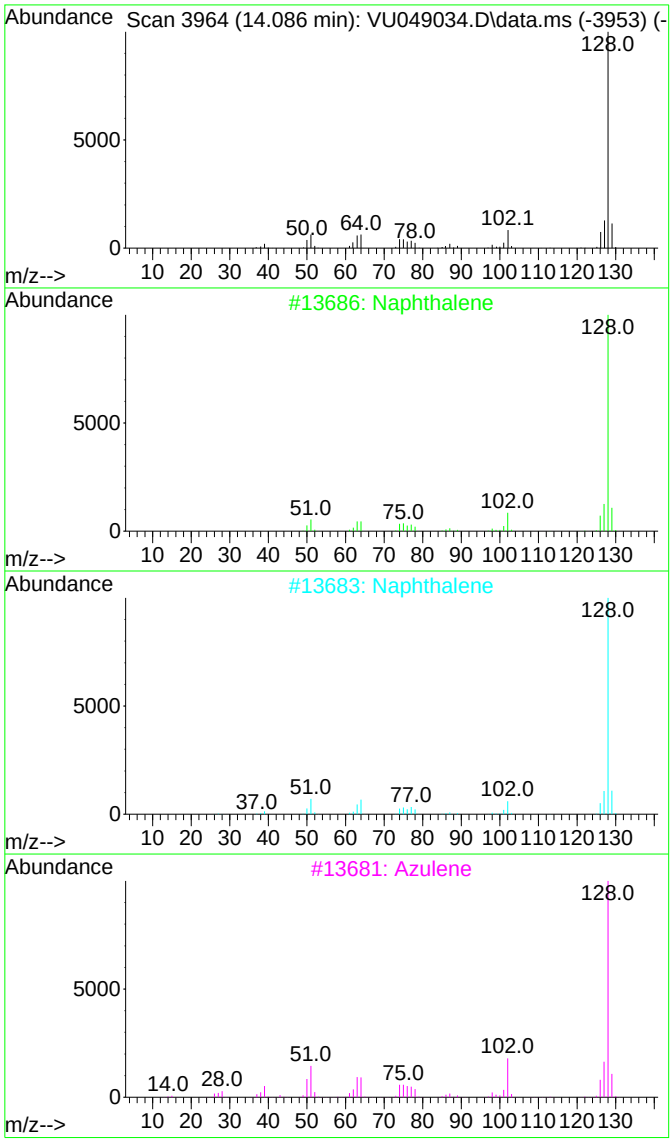
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

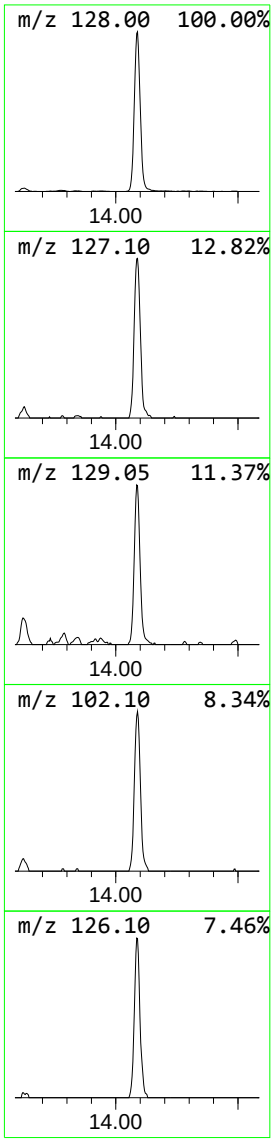
****

Peak Number 21 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	22.11 ug/L	338952	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	93
3	Azulene	128	C10H8	000275-51-4	91
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049034.D
Acq On : 11 Jun 2022 06:23
Operator : SY/MD
Sample : N3249-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.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
1-Propene, 1-ch...	2.163	2.7	ug/L	29419	1	6.247	553710	50.0
Benzene, propyl-	10.906	38.6	ug/L	592639	3	11.812	766667	50.0
Benzene, 1-ethy...	10.996	182.9	ug/L	2804270	3	11.812	766667	50.0
Benzene, 1-ethy...	11.291	118.4	ug/L	1815120	3	11.812	766667	50.0
Benzene, (1-met...	11.642	4.2	ug/L	64003	3	11.812	766667	50.0
p-Cymene	11.745	11.2	ug/L	170918	3	11.812	766667	50.0
Benzene, 1-ethy...	11.893	198.7	ug/L	3047120	3	11.812	766667	50.0
Indane	12.095	69.1	ug/L	1058980	3	11.812	766667	50.0
Benzene, 1,2-di...	12.301	3.5	ug/L	53084	3	11.812	766667	50.0
Benzene, 1-meth...	12.375	9.4	ug/L	144837	3	11.812	766667	50.0
Cyclohexanone, ...	12.484	77.0	ug/L	1180730	3	11.812	766667	50.0
Benzene, 1-ethy...	12.571	18.5	ug/L	283707	3	11.812	766667	50.0
Indan, 1-methyl-	12.684	14.5	ug/L	221648	3	11.812	766667	50.0
o-Cymene	12.877	8.0	ug/L	123219	3	11.812	766667	50.0
Benzene, 1,2,3,...	12.973	10.0	ug/L	153830	3	11.812	766667	50.0
Benzene, 1,2,4,...	13.025	17.1	ug/L	262923	3	11.812	766667	50.0
1H-Indene, 2,3-...	13.295	3.6	ug/L	55256	3	11.812	766667	50.0
Benzene, 1-meth...	13.449	22.3	ug/L	342030	3	11.812	766667	50.0
Naphthalene, 1,...	13.623	6.3	ug/L	97322	3	11.812	766667	50.0
Azulene	14.086	22.1	ug/L	338952	3	11.812	766667	50.0