LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

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\SFAMULM051622WMA.M
Title : VOC Analysis

Signal : TIC: VU048982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	72	81	115	rBV	5631640	6666724	22.21%	3.311%
2	1.919	165	180	222	rVV	2273325	3457448	11.52%	1.717%
3	2.073	225	228	236	rVB6	4423	5487	0.02%	0.003%
4	2.160	248	255	260	rBV2	15186	19758	0.07%	0.010%
5	2.195	261	266	276	rVB	20785	28282	0.09%	0.014%
6	2.466	344	350	363	rVB3	8972	14410	0.05%	0.007%
7	2.565	368	381	396	rBV2	308305	592703	1.97%	0.294%
8	2.678	413	416	432	rVB3	6270	8822	0.03%	0.004%
9	3.041	518	529	549	rBV5	22080	55075	0.18%	0.027%
10	3.131	549	557	562	rVV2	9039	15457	0.05%	0.008%
11	3.186	564	574	590	rVB2	33729	81957	0.27%	0.041%
12	3.350	611	625	651	rVV	289459	570656	1.90%	0.283%
13	3.694	721	732	744	rVV5	4702	9669	0.03%	0.005%
14	3.867	762	786	816	rBV	7452486	17593042	58.61%	8.737%
15	4.530	980	992	1000	rBV4	8194	19445	0.06%	0.010%
16	4.665	1009	1034	1088	rBV	9970913	22469344	74.85%	11.159%
17	5.063	1143	1158	1180	rVB	228816	495659	1.65%	0.246%
18	5.314	1217	1236	1253	rBV	1038851	2349688	7.83%	1.167%
19	5.633	1330	1335	1341	rVB5	1255	1529	0.01%	0.001%
20	5.723	1341	1363	1374	rBV2	436261	1212168	4.04%	0.602%
21	5.993	1435	1447	1454	rVB9	4786	10163	0.03%	0.005%
22	6.150	1484	1496	1507	rVB3	3566	8488	0.03%	0.004%
23	6.247	1512	1526	1546	rBV	406713	766441	2.55%	0.381%
24	6.543	1603	1618	1634	rBV	244982	461766	1.54%	0.229%
25	6.690	1650	1664	1678	rBV	286302	557017	1.86%	0.277%
26	6.764	1679	1687	1699	rVB4	27986	52285	0.17%	0.026%
27	6.922	1727	1736	1738	rBV4	1450	1920	0.01%	0.001%
28	6.964	1738	1749	1764	rVB2	37573	74778	0.25%	0.037%
29	7.176	1799	1815	1826	rBV7	3987	9459	0.03%	0.005%
30	7.250	1832	1838	1845	rVV4	1985	2802	0.01%	0.001%
31	7.565	1924	1936	1952	rBV	164724	286217	0.95%	0.142%
32	7.793	1995	2007	2020	rBV2	20046	35307	0.12%	0.018%
33	7.899	2021	2040	2050	rBV	576948	993950	3.31%	0.494%
34	7.970	2050	2062	2075	rVB	1348808	2256920	7.52%	1.121%
35	8.179	2116	2127	2141	rBV	117972	196806	0.66%	0.098%
36	8.401	2184	2196	2207	rVB3	42868	72167	0.24%	0.036%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

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\SFAMULM051622WMA.M
Title : VOC Analysis

37	8.475	2210	2219	2232	rVB3	6727	14638	0.05%	0.007%
38	8.552	2232	2243	2254	rBV2	37855	62875	0.21%	0.031%
39	8.632	2255	2268	2309	rBV	478543	862676	2.87%	0.428%
40	9.041	2387	2395	2399	rBV6	2084	2656	0.01%	0.001%
41	9.105	2409	2415	2423	rVV6	1395	2163	0.01%	0.001%
42	9.276	2458	2468	2474	rBV3	4342	6191	0.02%	0.003%
43	9.356	2484	2493	2499	rVB6	1615	2662	0.01%	0.001%
44	9.417	2499	2512	2530	rBV	586315	962076	3.20%	0.478%
45	9.510	2537	2541	2547	rVB4	3255	2962	0.01%	0.001%
46	9.571	2547	2560	2580	rVV	4392829	6931975	23.09%	3.443%
47	9.694	2584	2598	2636	rVB	9848063	15964706	53.18%	7.928%
48	9.922	2662	2669	2680	rVB3	6410	10318	0.03%	0.005%
49	10.102	2710	2725	2755	rBV	5401607	8596678	28.64%	4.269%
50	10.275	2772	2779	2793	rVB8	3682	6257	0.02%	0.003%
51	10.343	2794	2800	2807	rBV7	2513	3706	0.01%	0.002%
52	10.484	2831	2844	2861	rBV	535517	830837	2.77%	0.413%
53	10.571	2865	2871	2873	rBV4	1909	1652	0.01%	0.001%
54	10.603	2875	2881	2887	rBV5	4707	6005	0.02%	0.003%
55	10.642	2887	2893	2901	rVB3	11398	15667	0.05%	0.008%
56	10.687	2902	2907	2916	rVB8	4647	7788	0.03%	0.004%
57	10.758	2917	2929	2941	rBV	453433	739744	2.46%	0.367%
58	10.906	2960	2975	2989	rBV	2056357	3169500	10.56%	1.574%
59	10.999	2990	3004	3022	rVV	7246023	15778810	52.56%	7.836%
60	11.089	3022	3032	3051	rVB	4006598	6085895	20.27%	3.022%
61	11.234	3066	3077	3083	rBV	119362	186557	0.62%	0.093%
62	11.292	3083	3095	3121	rVB	4792470	7433661	24.76%	3.692%
63	11.423	3126	3136	3137	rBV3	12248	15554	0.05%	0.008%
64	11.472	3137	3151	3170	rVB	19760227	30018460	100.00%	14.908%
65	11.613	3186	3195	3197	rBV	35955	44648	0.15%	0.022%
66	11.642	3199	3204	3220	rVB	101167	150677	0.50%	0.075%
67	11.745	3222	3236	3244	rBV	246907	390251	1.30%	0.194%
68	11.812	3244	3257	3270	rVB2	702644	1219976	4.06%	0.606%
69	11.896	3270	3283	3305	rBV	6309311	9680208	32.25%	4.807%
70	12.009	3312	3318	3330	rVB3	34576	53941	0.18%	0.027%
71	12.095	3332	3345	3363	rBV2	2545468	4449495	14.82%	2.210%
72	12.192	3363	3375	3398	rVB5	1198432	2436279	8.12%	1.210%
73	12.304	3400	3410	3421	rBV3	70458	119891	0.40%	0.060%
74	12.375	3421	3432	3447	rVB	210817	329639	1.10%	0.164%
75	12.481	3447	3465	3484	rBV	10063452	17176632	57.22%	8.530%
76	12.571	3484	3493	3501	rBV	594860	838145	2.79%	0.416%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

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\SFAMULM051622WMA.M
Title : VOC Analysis

77	12.684	3518	3528	3549	rVB3	238745	513629	1.71%	0.255%
78	12.812	3561	3568	3575	rVB4	8390	11723	0.04%	0.006%
79	12.877	3577	3588	3600	rVV	221130	341282	1.14%	0.169%
80	12.973	3602	3618	3626	rVV2	365836	625356	2.08%	0.311%
81	13.028	3626	3635	3648	rVB	578741	882666	2.94%	0.438%
82	13.111	3653	3661	3663	rBV5	10578	13463	0.04%	0.007%
83	13.253	3699	3705	3707	rBV6	6032	6522	0.02%	0.003%
84	13.295	3709	3718	3732	rVB	165051	246432	0.82%	0.122%
85	13.452	3744	3767	3781	rBV3	585810	1025294	3.42%	0.509%
86	13.523	3782	3789	3796	rVB7	13029	21256	0.07%	0.011%
87	13.623	3809	3820	3835	rVB	123330	202750	0.68%	0.101%
88	13.738	3843	3856	3865	rBV4	55370	98705	0.33%	0.049%
89	13.838	3878	3887	3903	rVB7	22840	53400	0.18%	0.027%
90	13.909	3903	3909	3913	rBV5	6163	7919	0.03%	0.004%
91	14.086	3951	3964	3983	rBV	695286	1134154	3.78%	0.563%
92	14.288	4021	4027	4037	rVV8	5628	10123	0.03%	0.005%
93	14.346	4038	4045	4049	rVV6	2571	3268	0.01%	0.002%
94	14.488	4081	4089	4097	rBV5	4871	7344	0.02%	0.004%
95	14.671	4139	4146	4161	rVB6	5390	12964	0.04%	0.006%
96	14.809	4183	4189	4195	rBV4	4038	5185	0.02%	0.003%
97	14.870	4204	4208	4210	rBV4	2853	2289	0.01%	0.001%
98	15.018	4248	4254	4261	rBV5	3411	5000	0.02%	0.002%
99	15.227	4309	4319	4335	rBV2	19600	34426	0.11%	0.017%
100	15.414	4369	4377	4389	rBV2	17083	27639	0.09%	0.014%

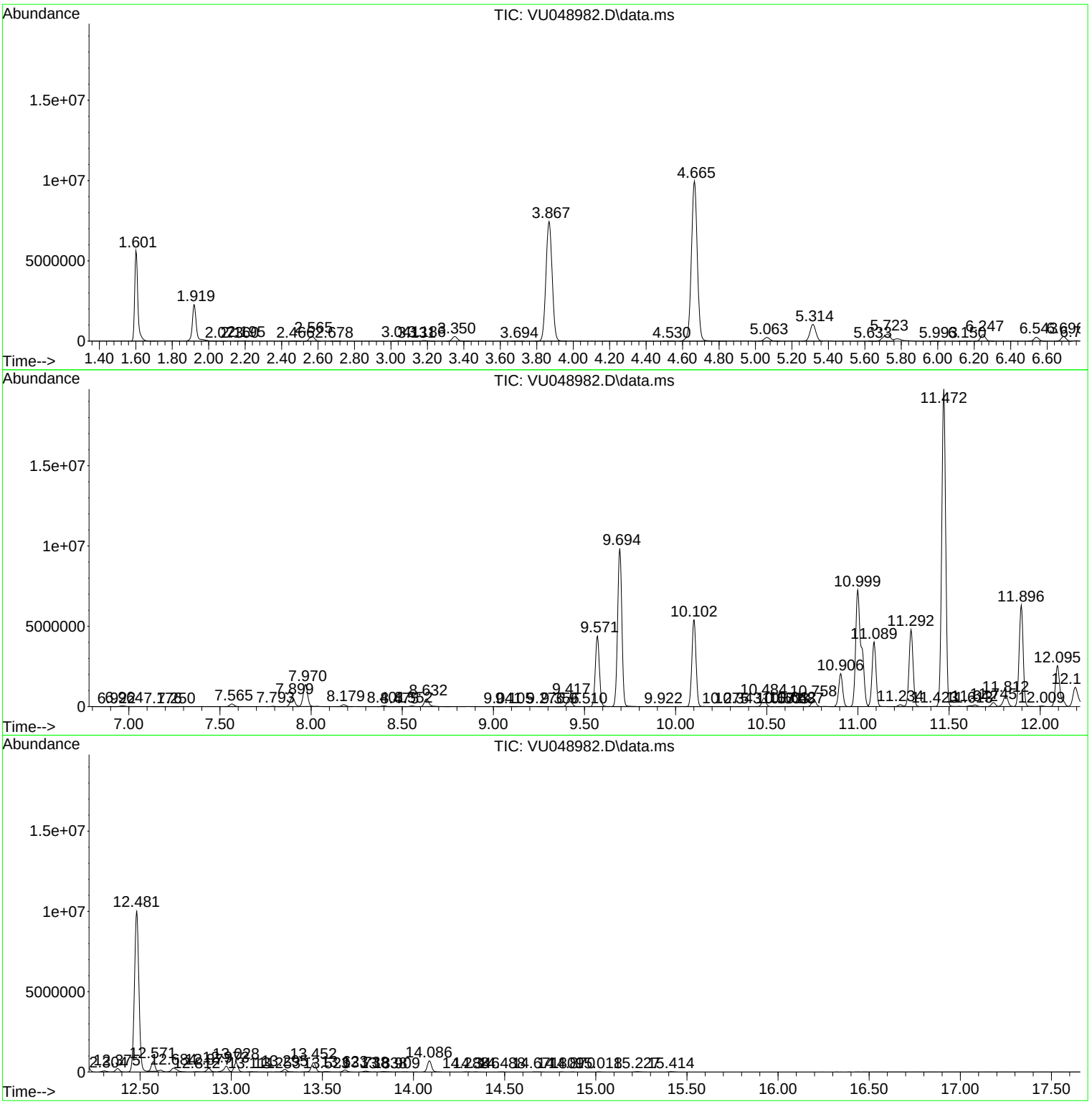
Sum of corrected areas: 201359049

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

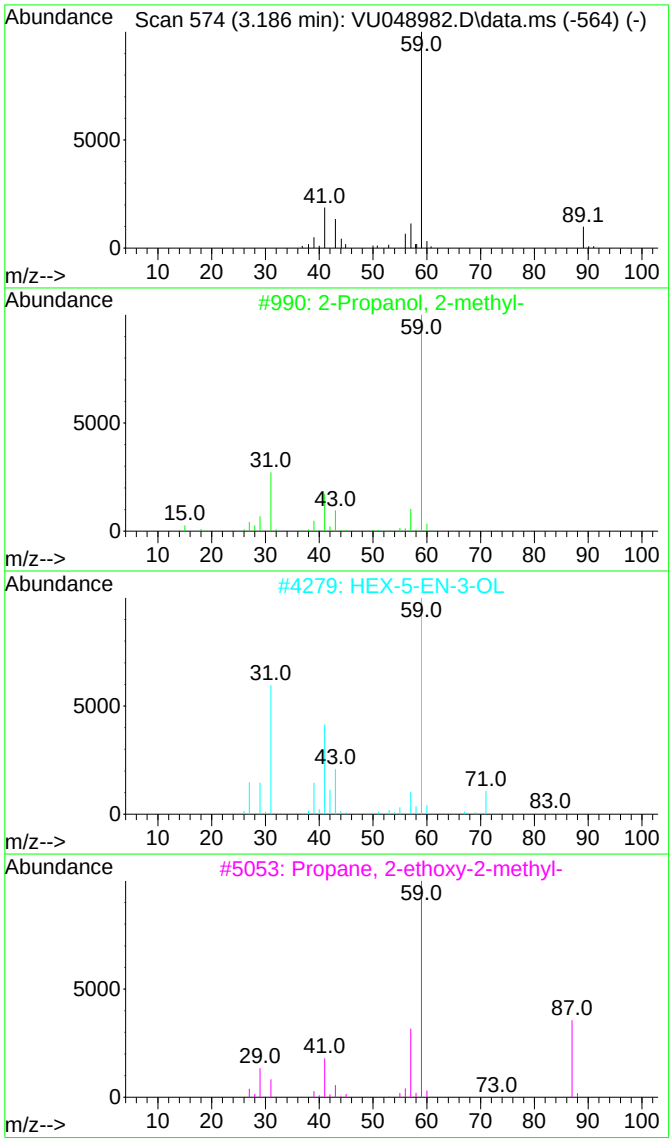
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

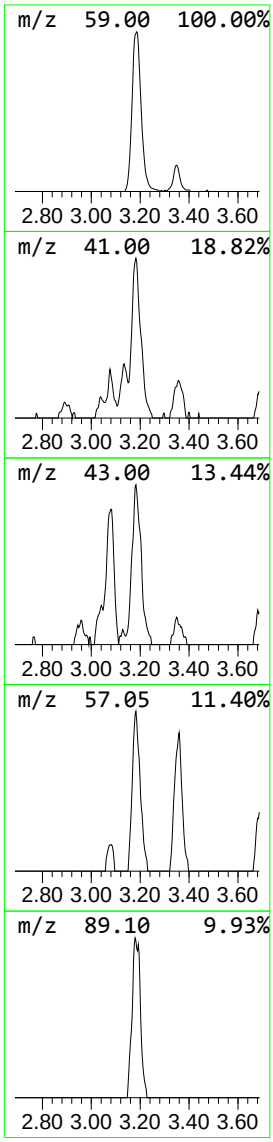
****

Peak Number 1 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.186	5.35 ug/L	81957	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	38
2	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	38
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	36
4	Guanidine	59	CH5N3	000113-00-8	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

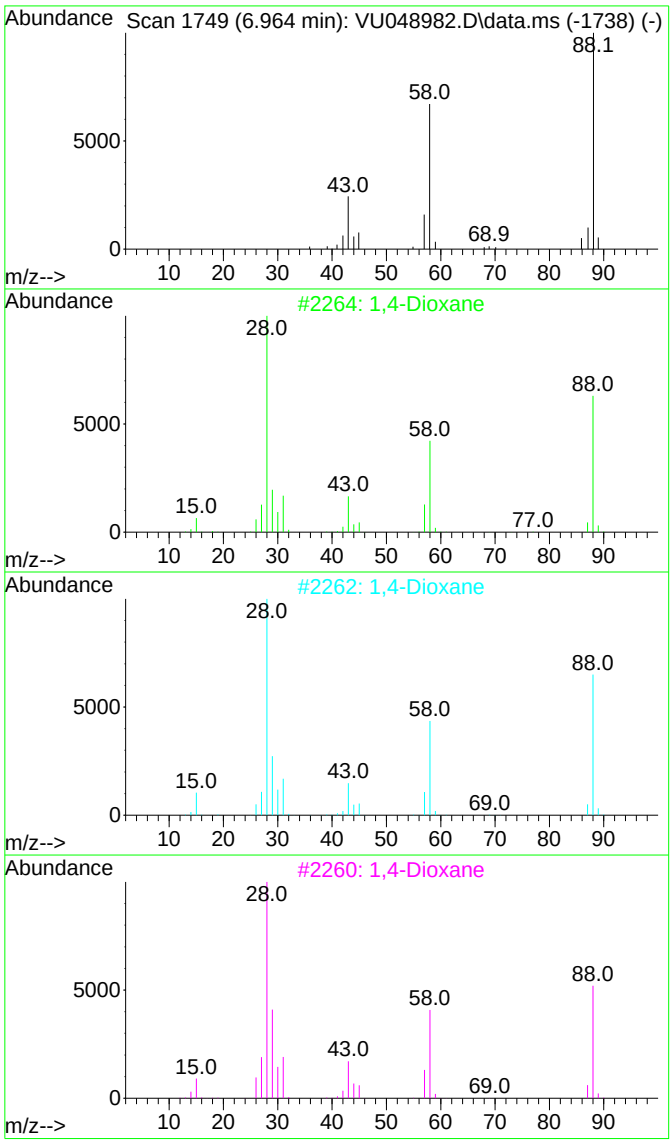
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

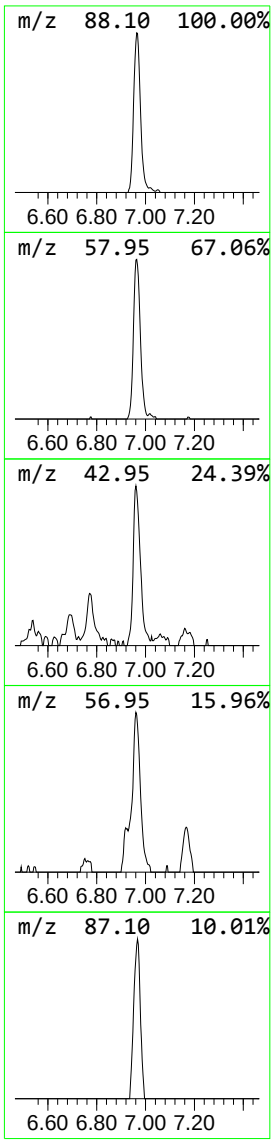
****

Peak Number 2 1,4-Dioxane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.964	4.88 ug/L	74778	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	90
3	1,4-Dioxane	88	C4H8O2	000123-91-1	83
4	1,4-Dioxane	88	C4H8O2	000123-91-1	83
5	1,4-Dioxane	88	C4H8O2	000123-91-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

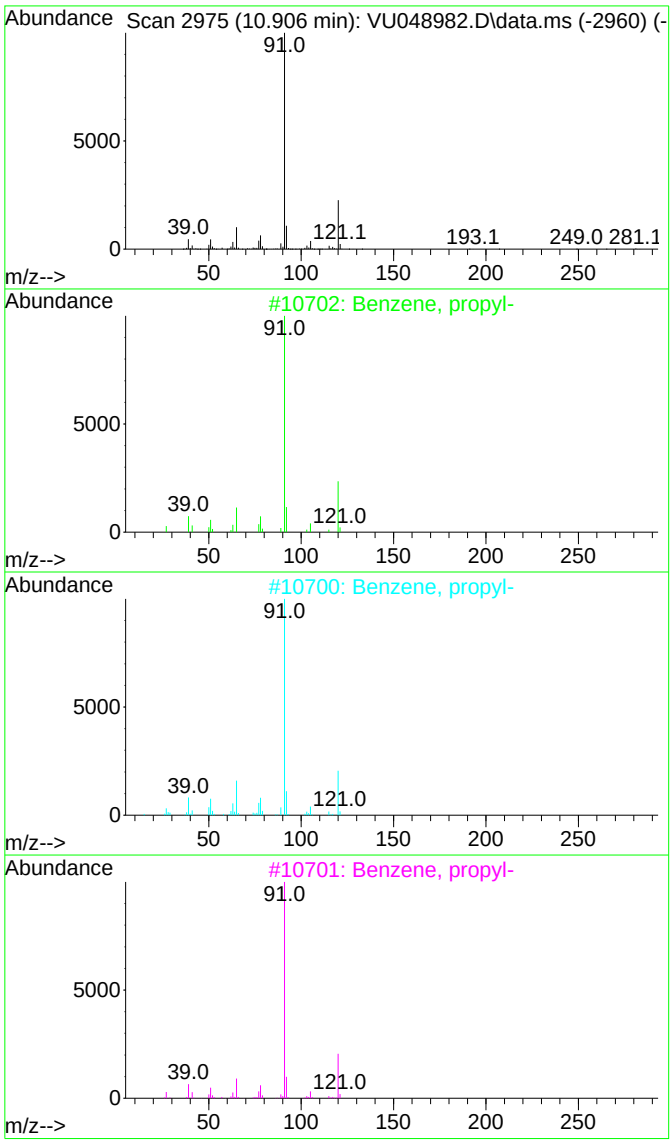
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

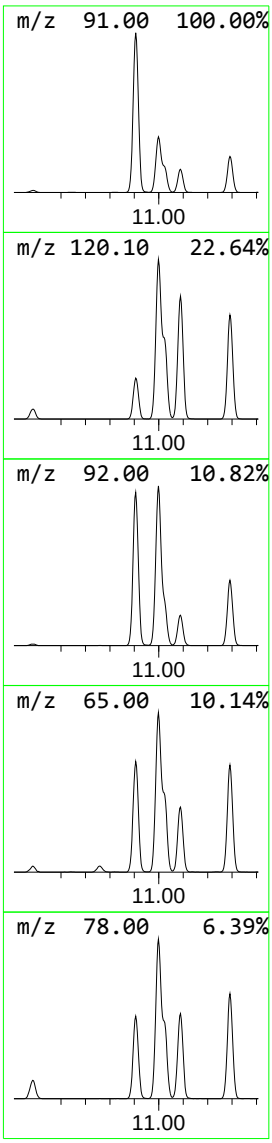
****

Peak Number 4 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	129.90 ug/L	3169500	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	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

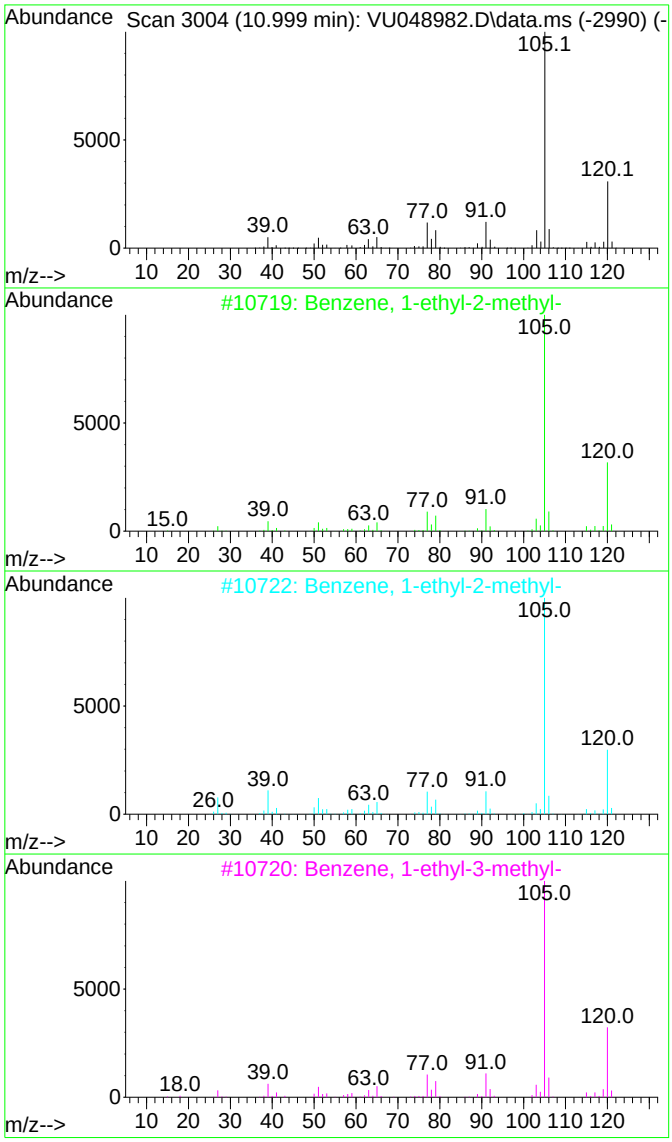
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

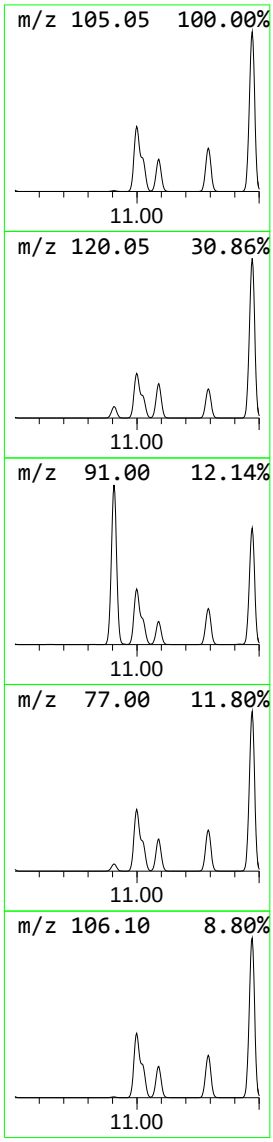
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	646.68 ug/L	15778800	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

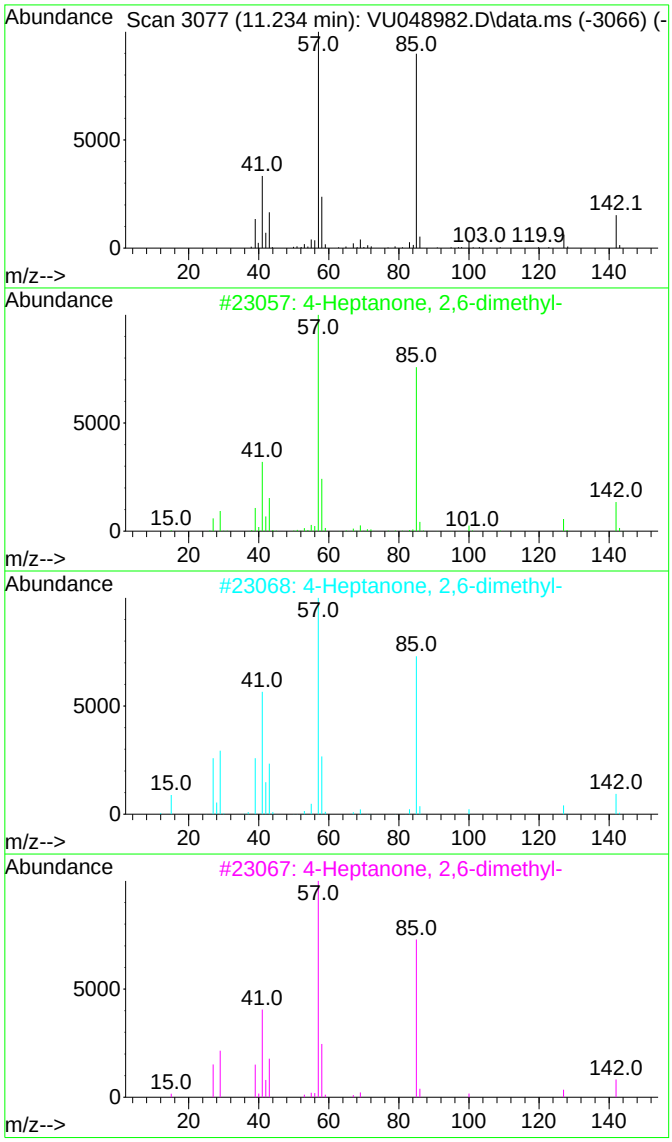
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

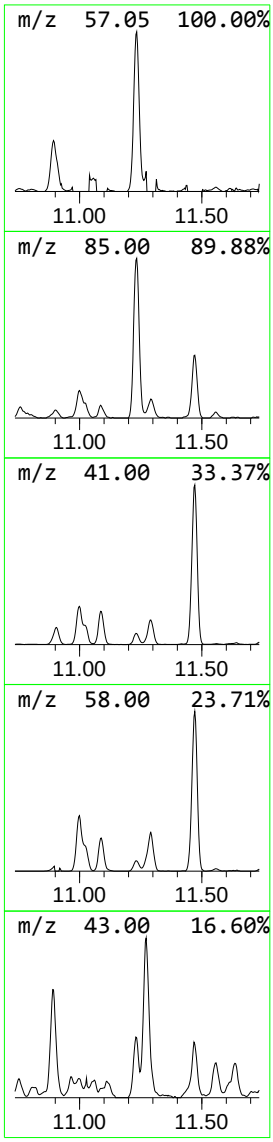
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Heptanone, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.234	7.65 ug/L	186557	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

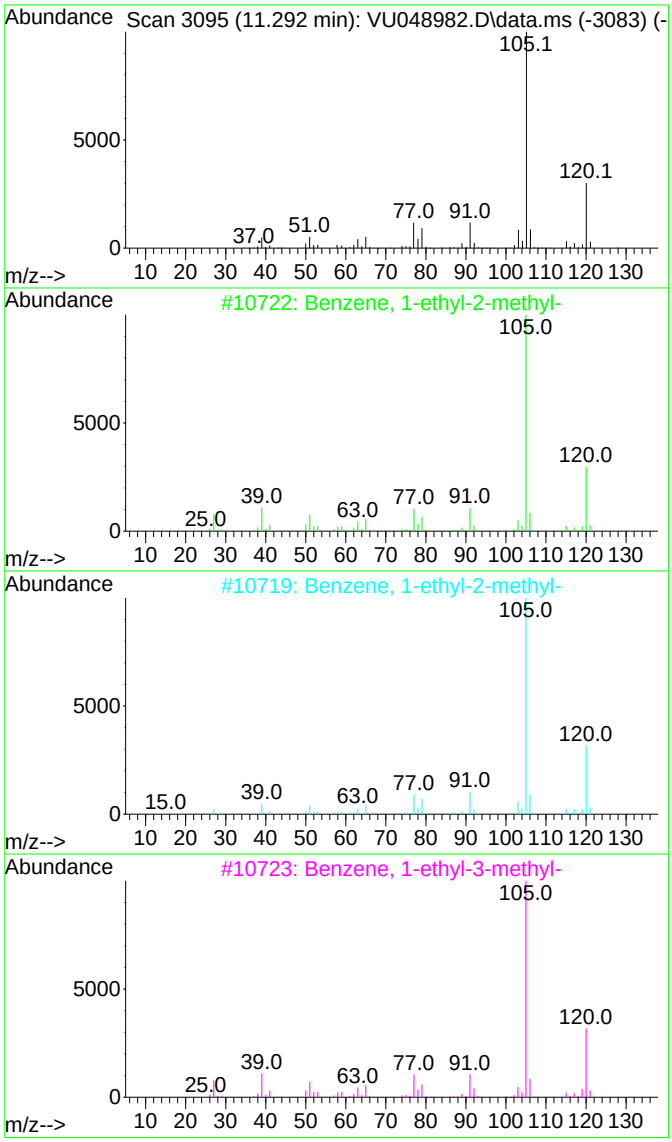
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

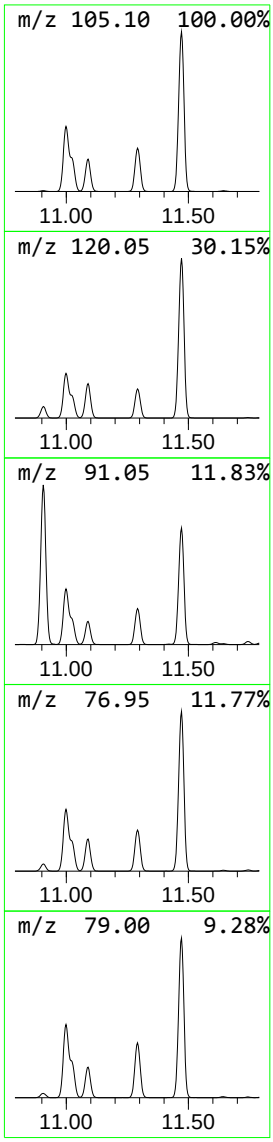
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	304.66 ug/L	7433660	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-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

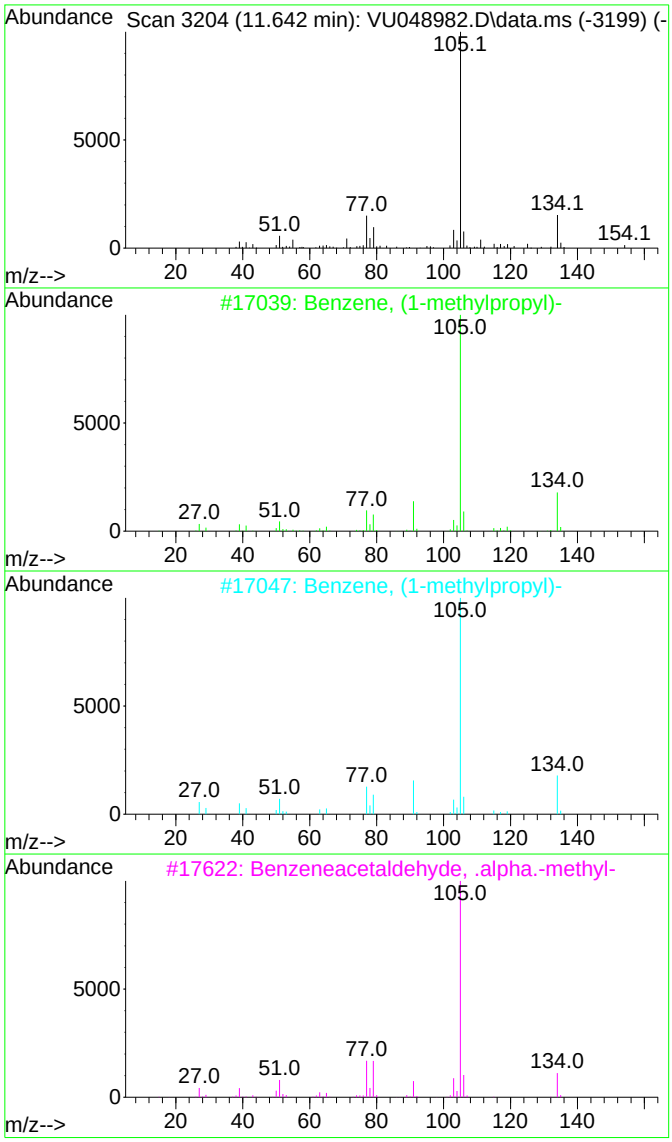
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

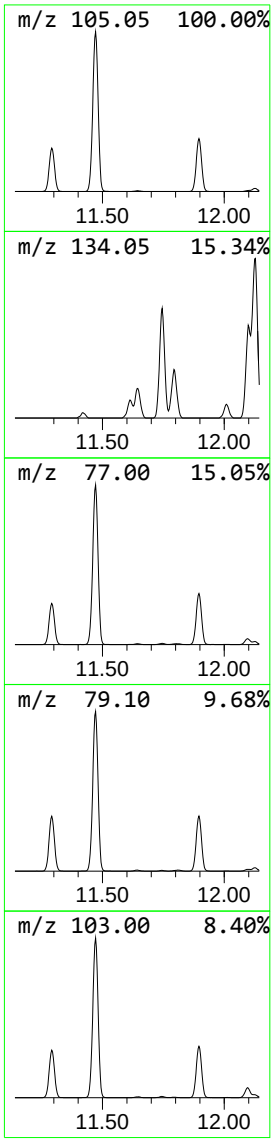
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	6.18 ug/L	150677	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

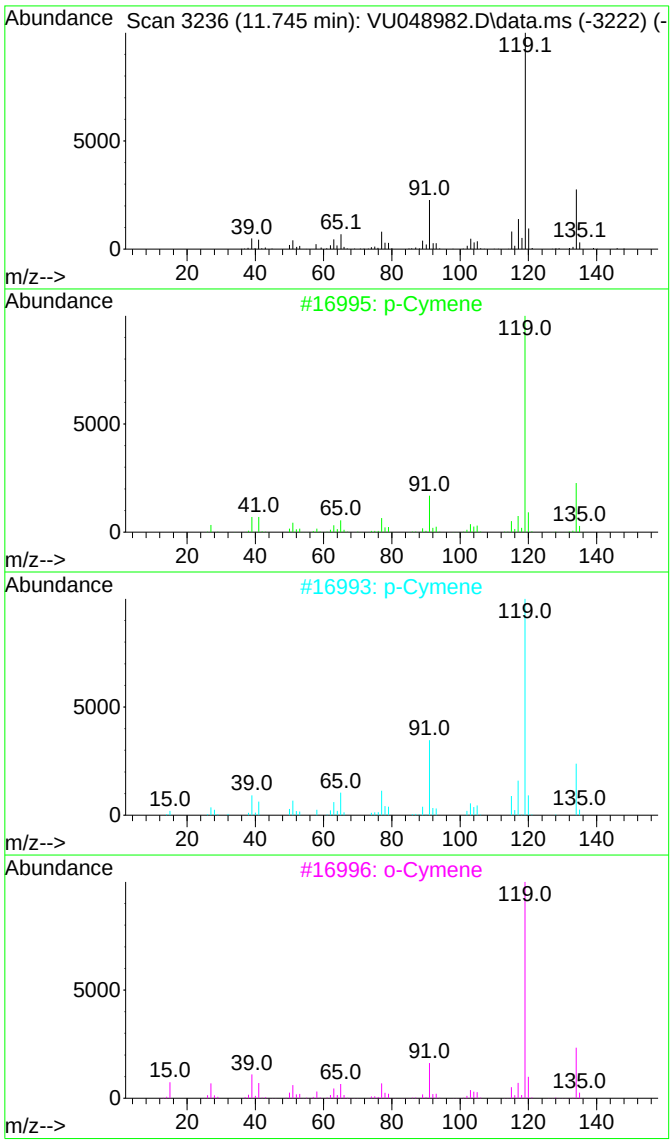
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

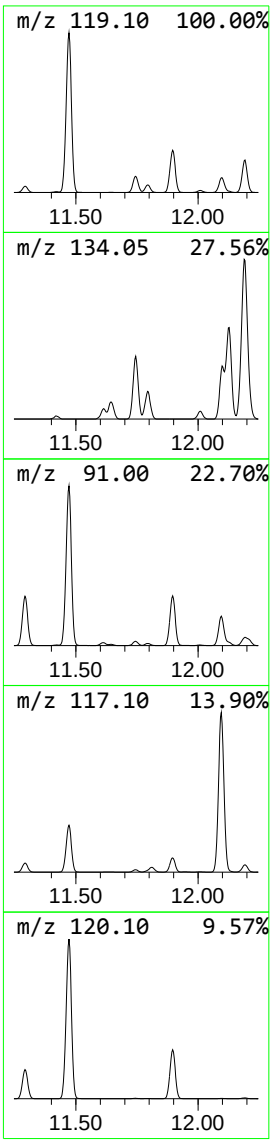
****

Peak Number 9 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	15.99 ug/L	390251	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

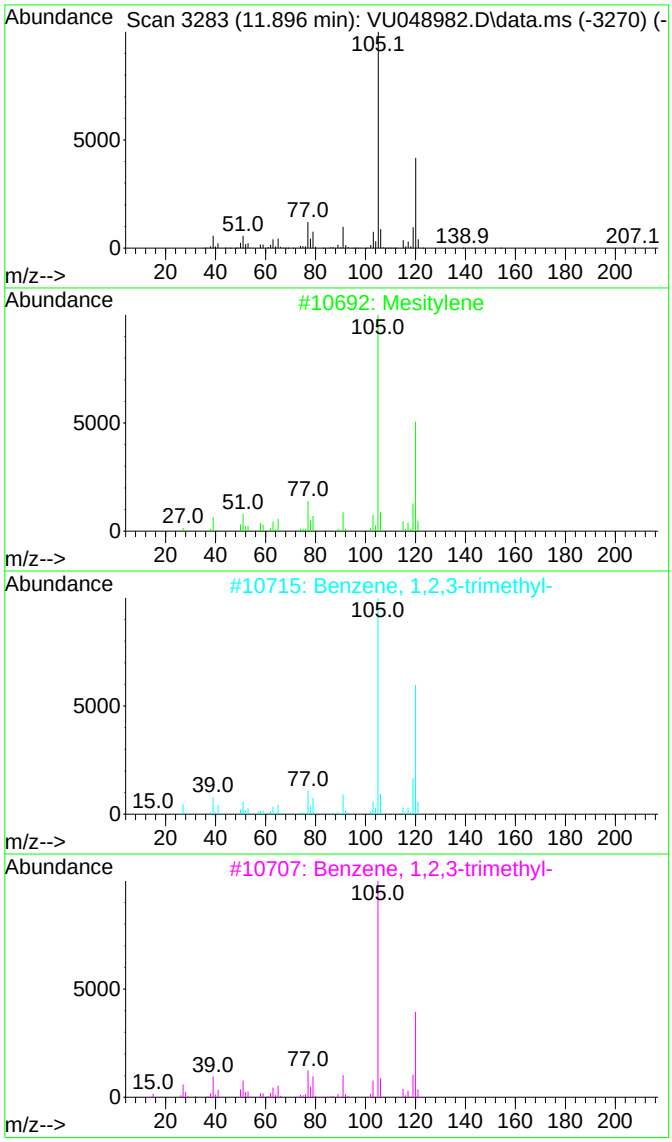
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

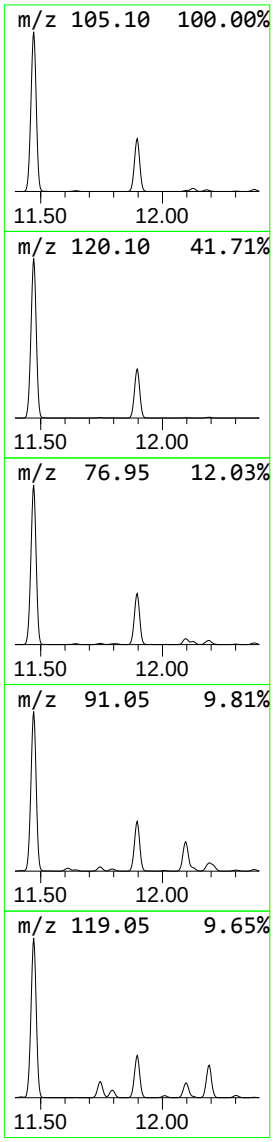
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	396.74 ug/L	9680210	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	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

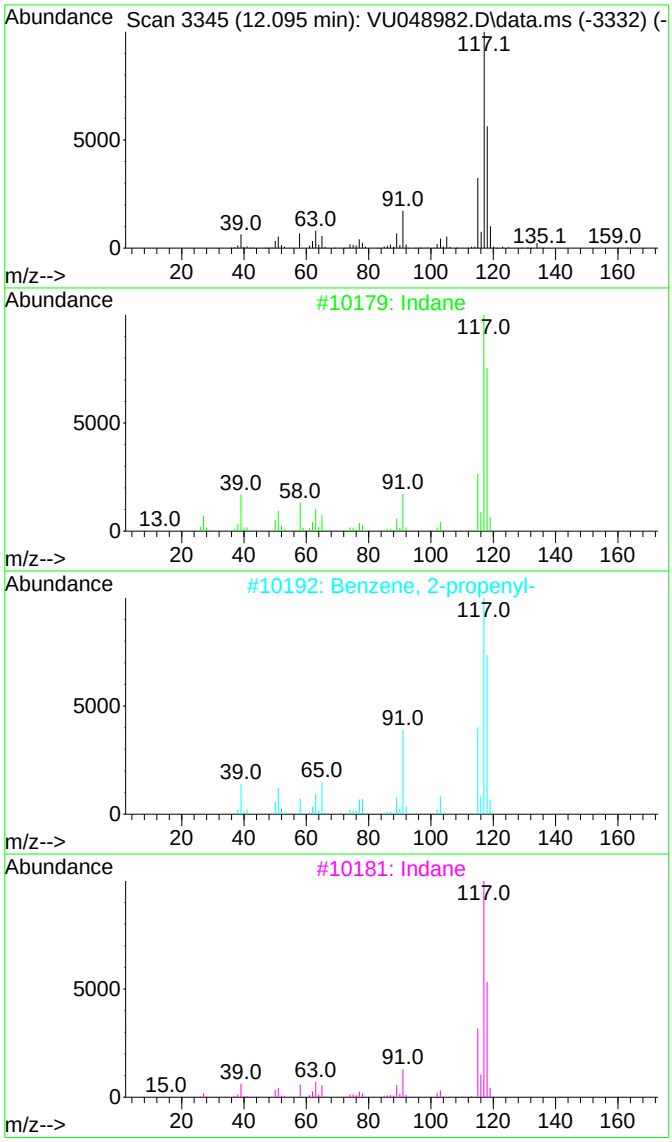
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

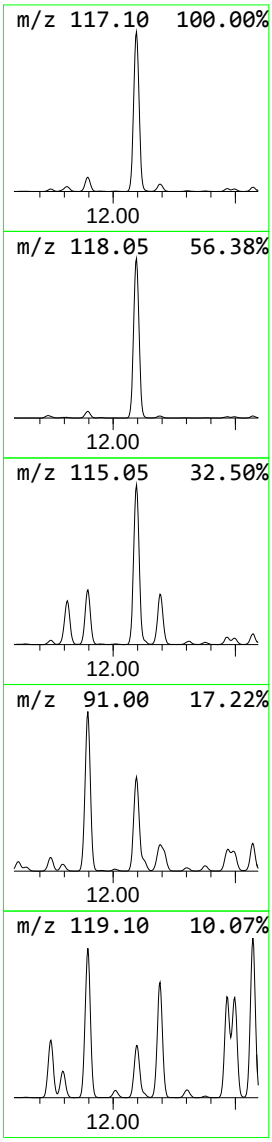
****

Peak Number 11 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	182.36 ug/L	4449500	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

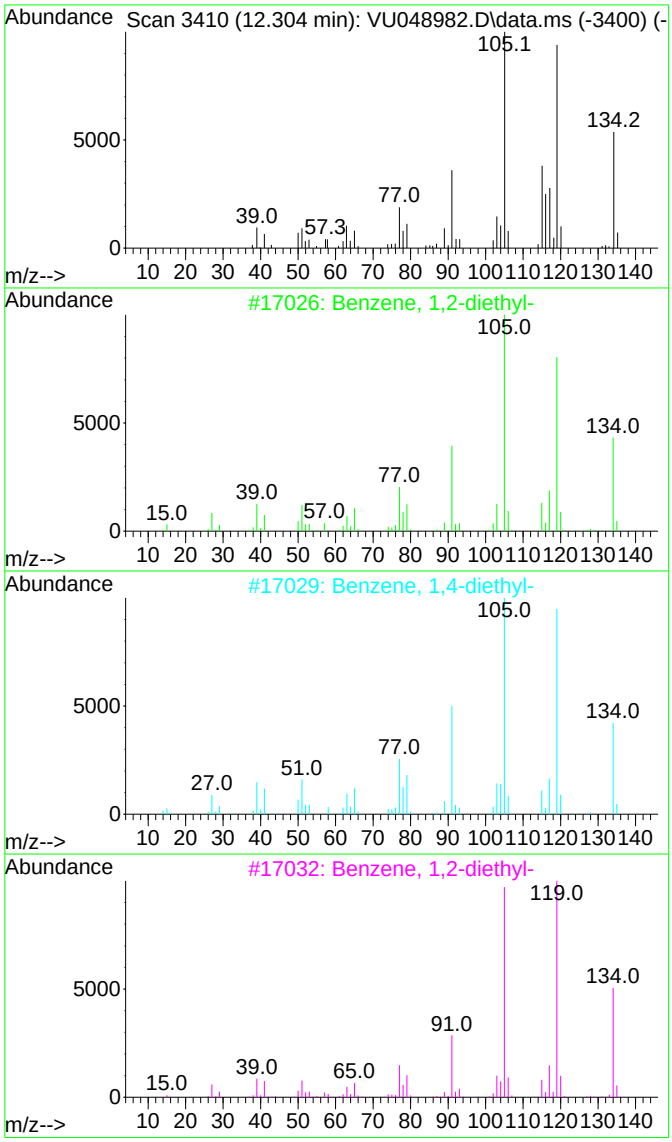
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

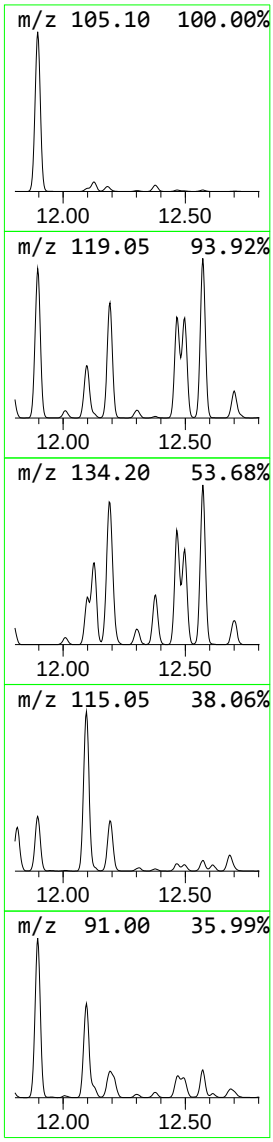
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.91 ug/L	119891	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	92
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

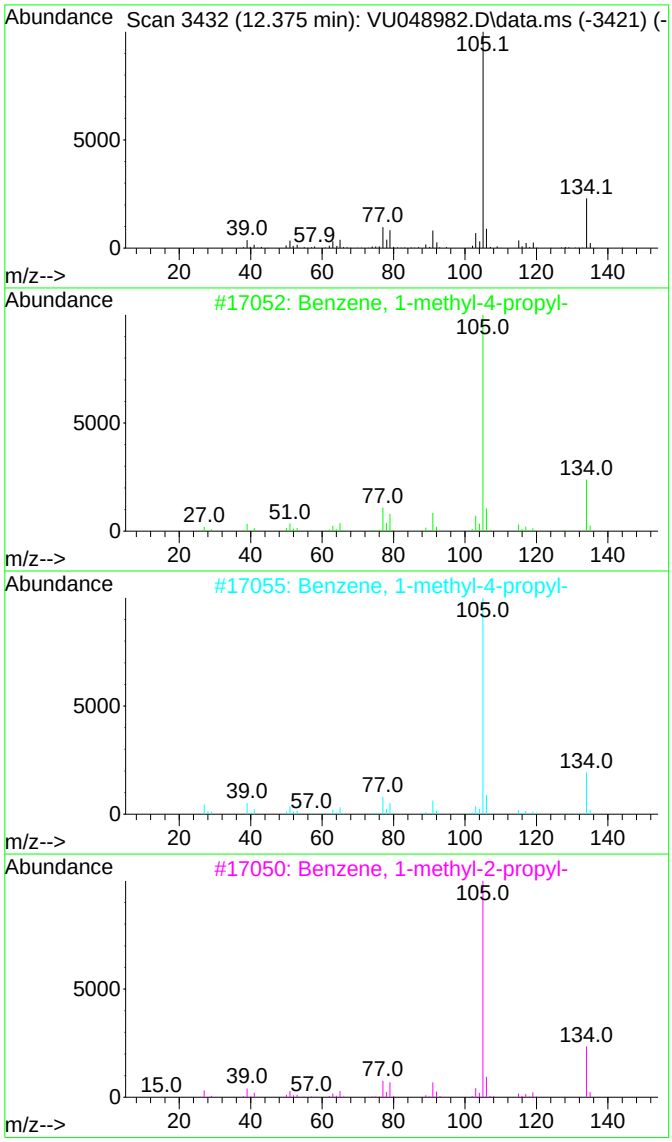
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

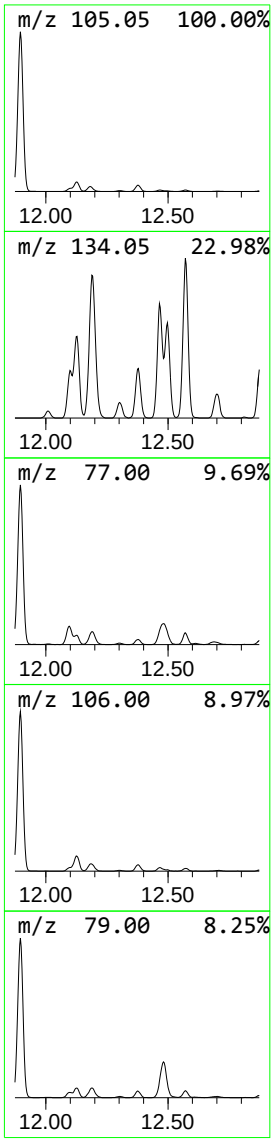
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	13.51 ug/L	329639	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-4-propyl-	134	C10H14	001074-55-1	91
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-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

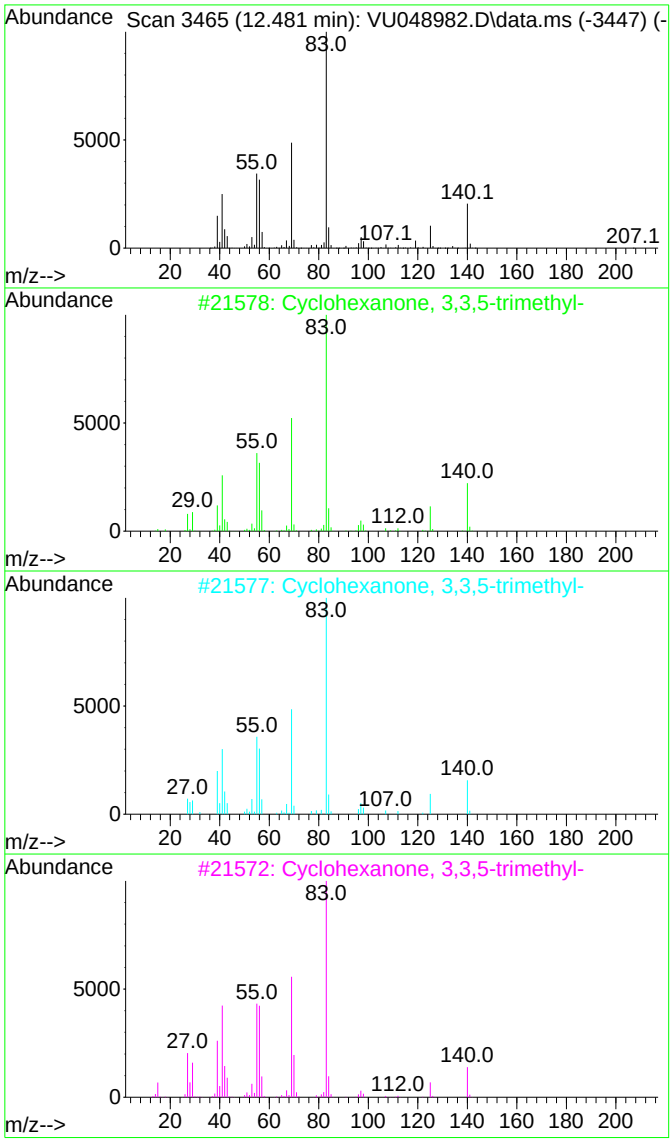
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

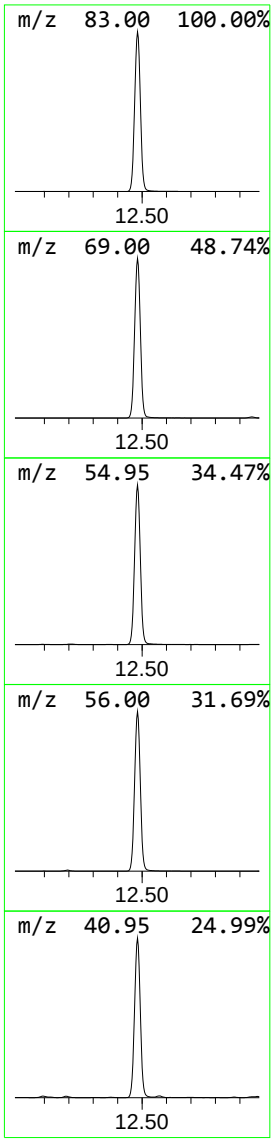
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	703.97 ug/L	17176600	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	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

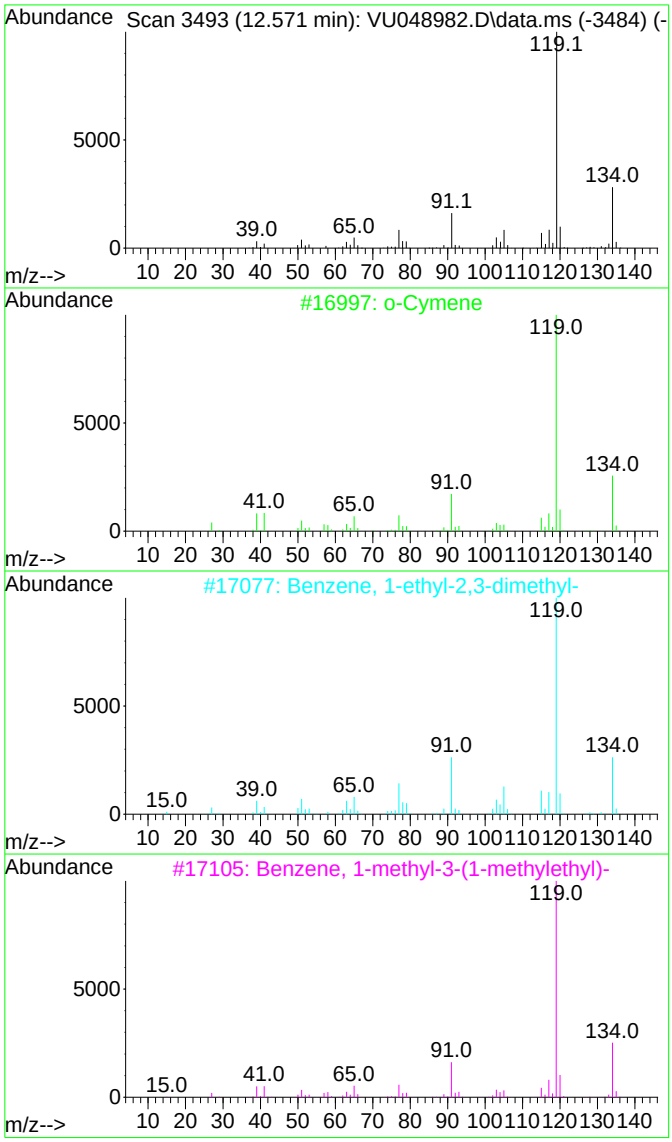
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

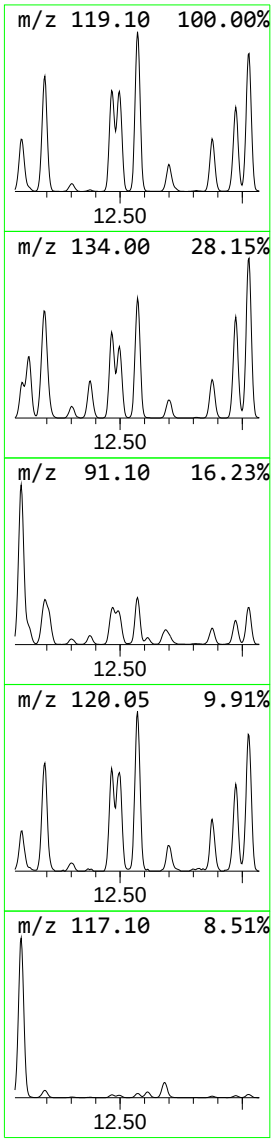
****

Peak Number 15 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	34.35 ug/L	838145	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

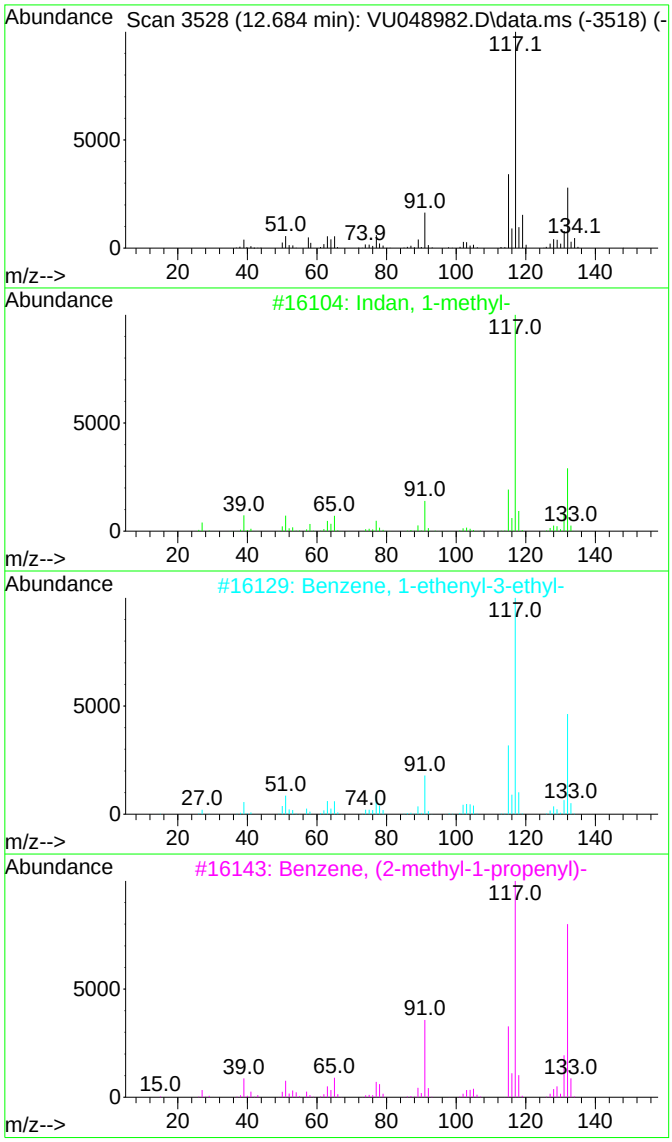
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

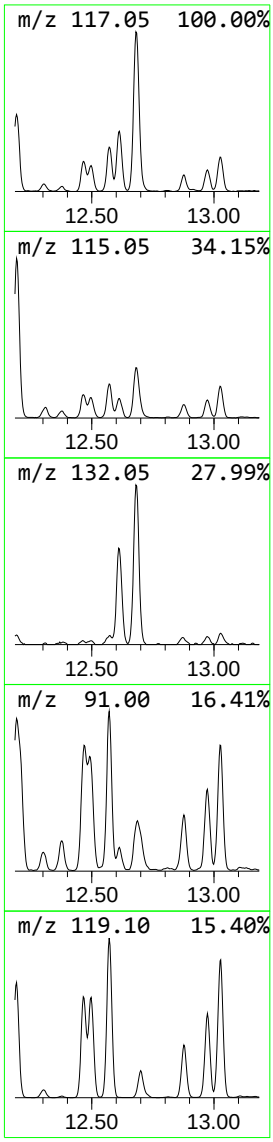
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	21.05 ug/L	513629	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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

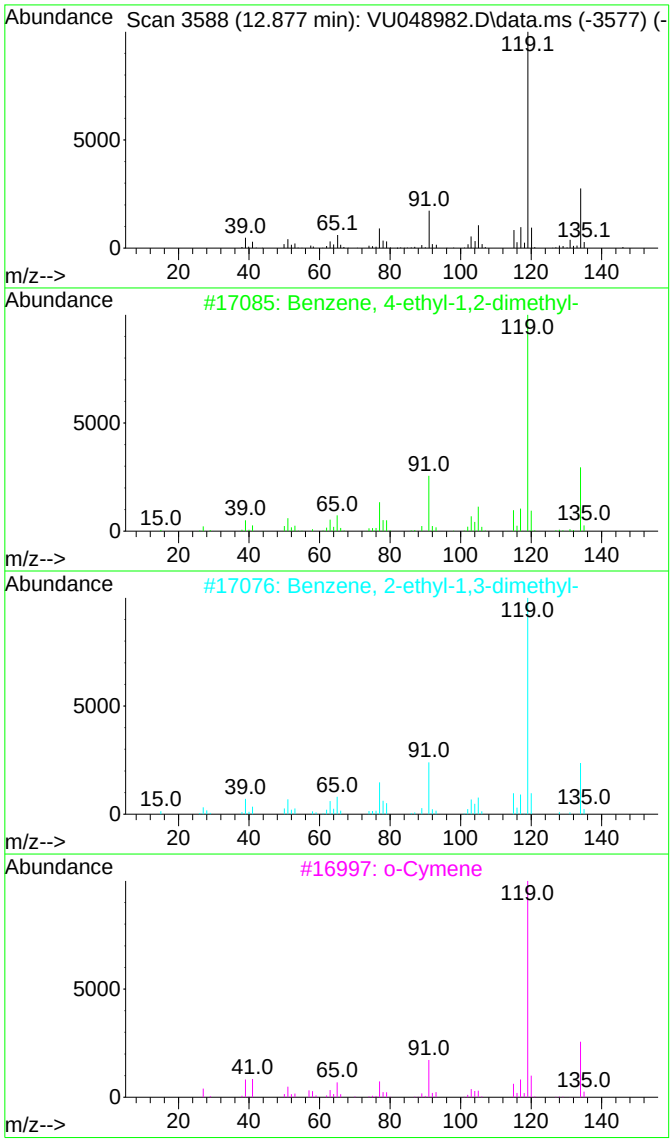
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

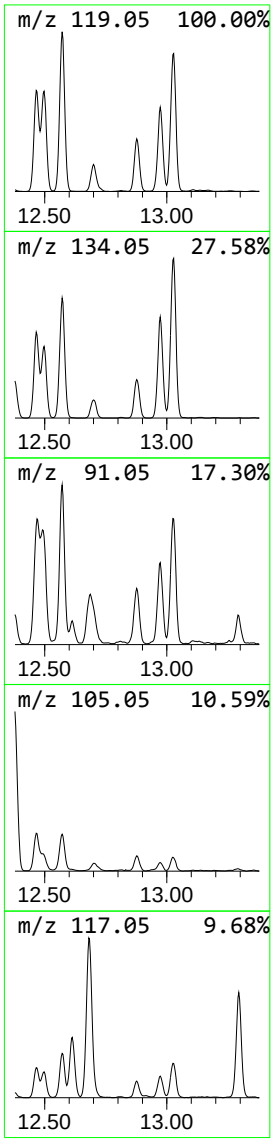
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	13.99 ug/L	341282	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

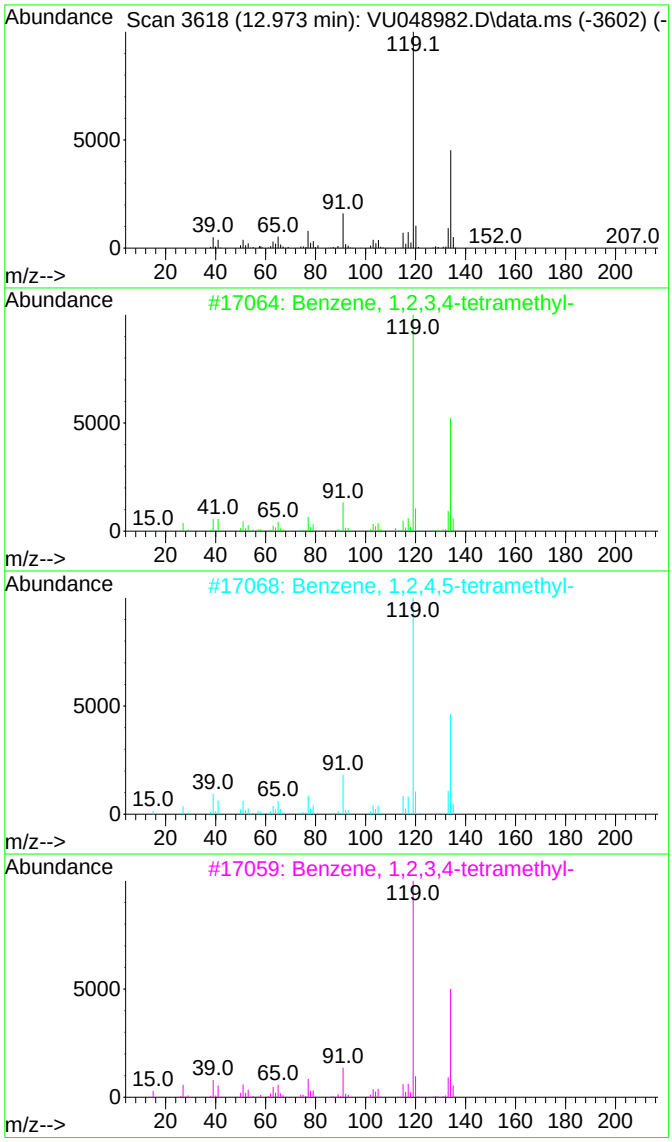
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

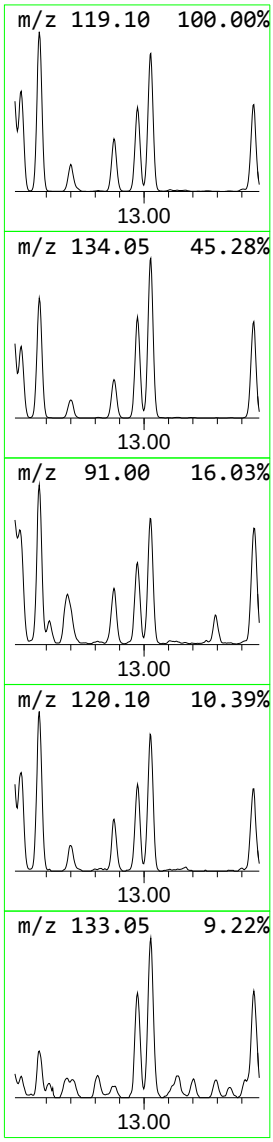
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	25.63 ug/L	625356	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, 1,2,4,5-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\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

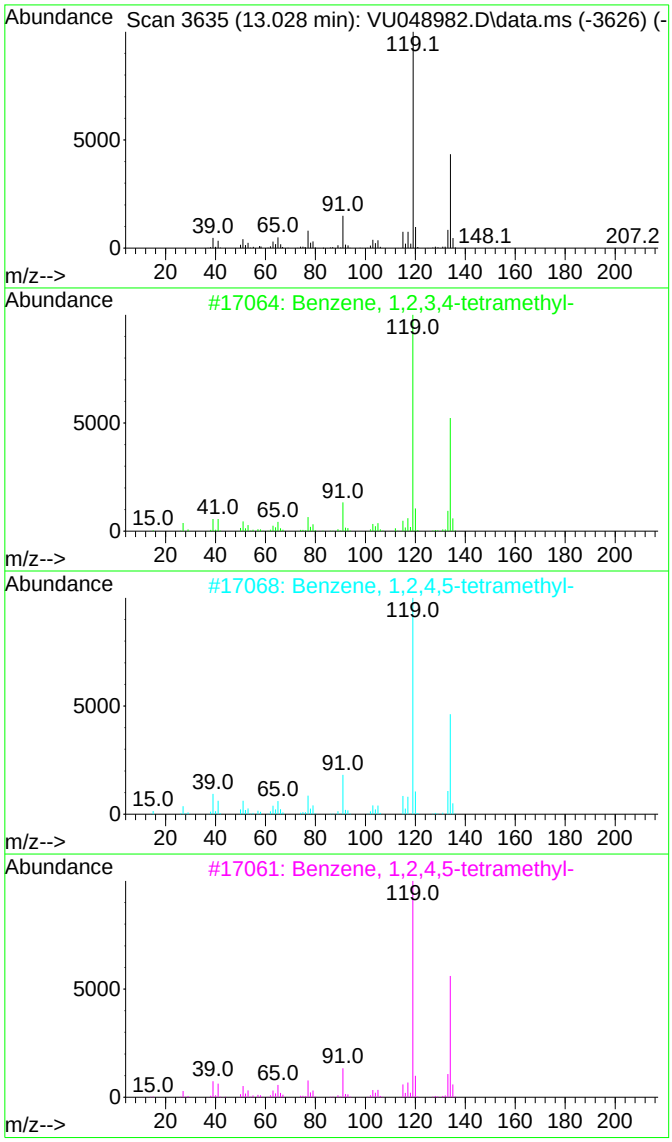
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

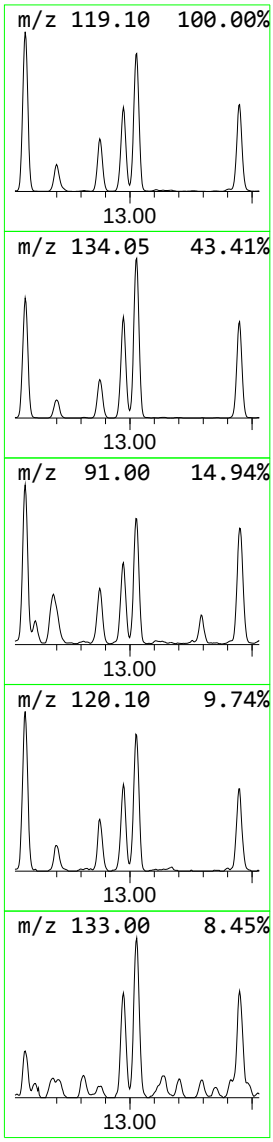
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	36.18 ug/L	882666	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

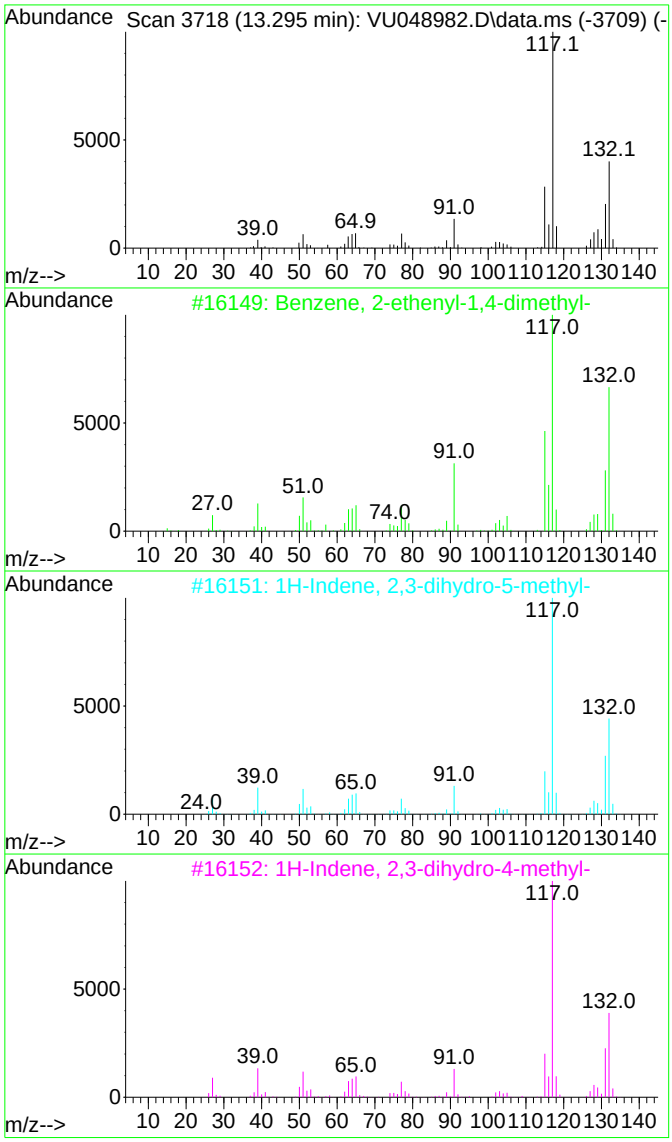
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

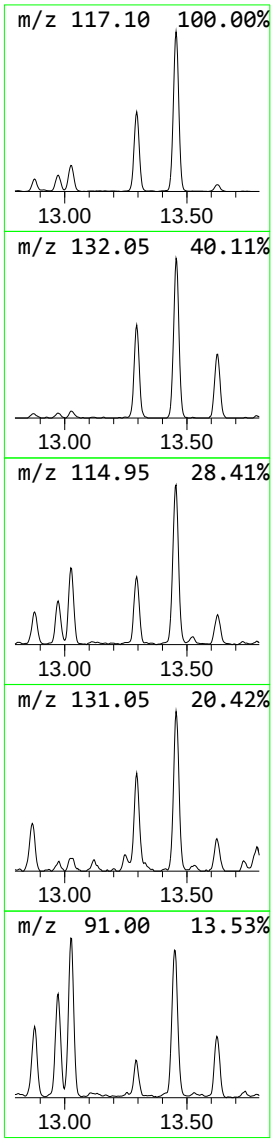
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	10.10 ug/L	246432	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

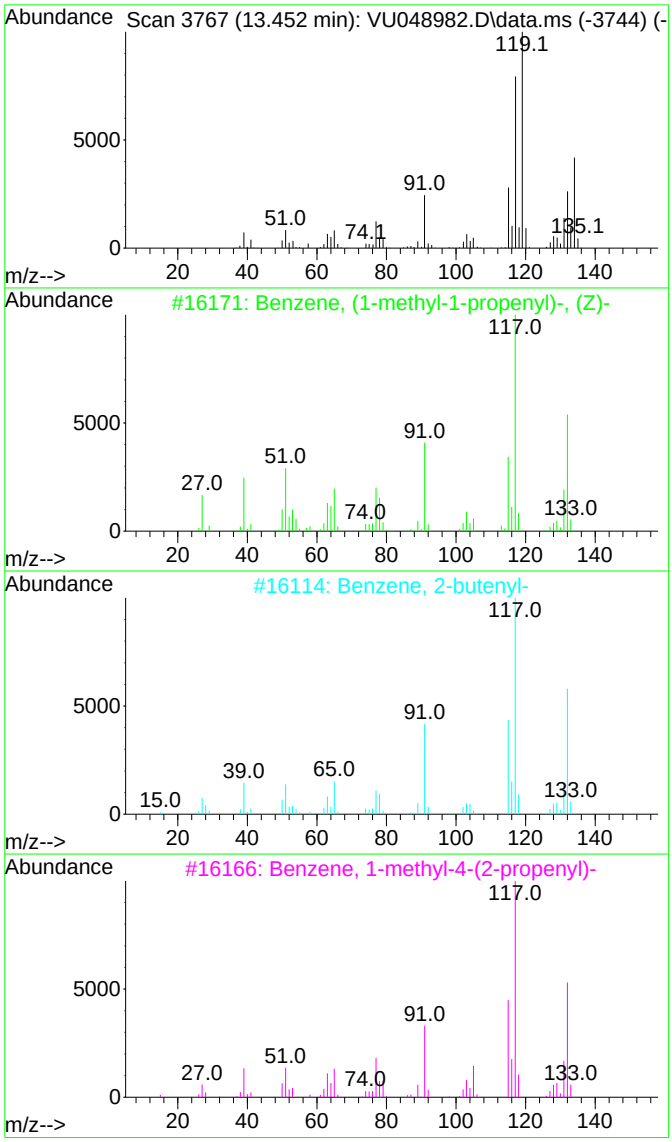
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

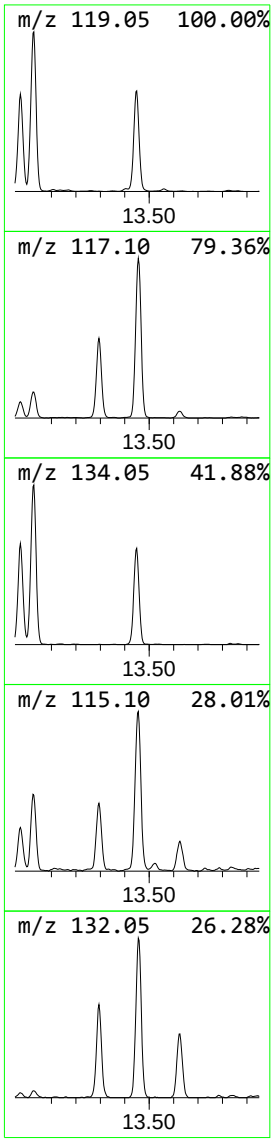
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, (1-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	42.02 ug/L	1025290	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

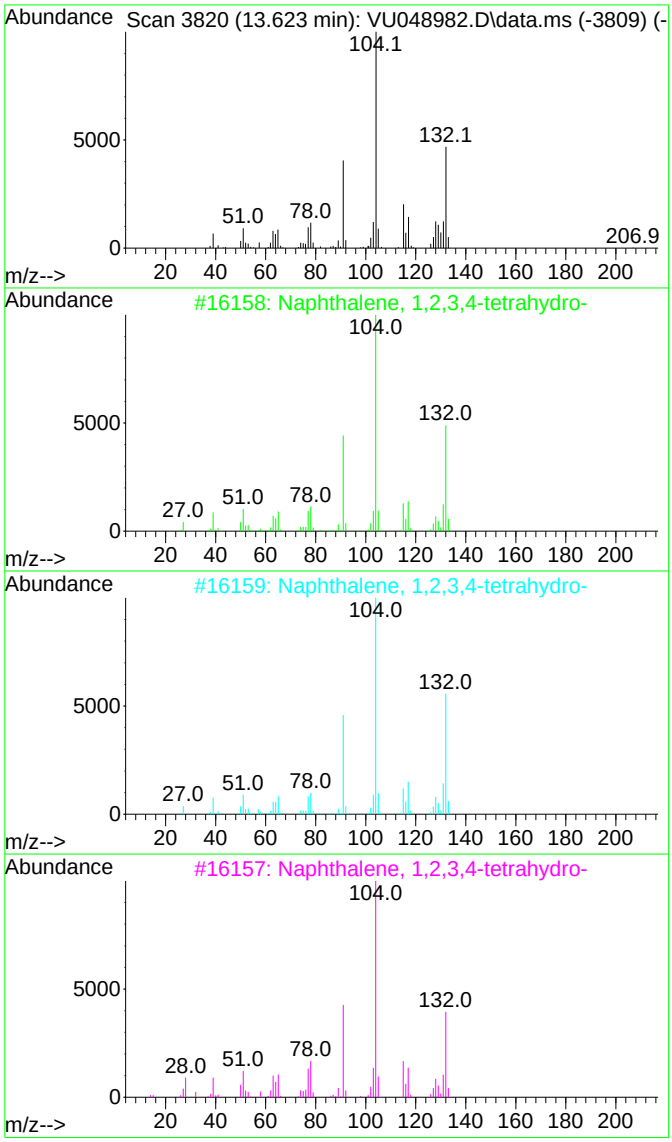
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

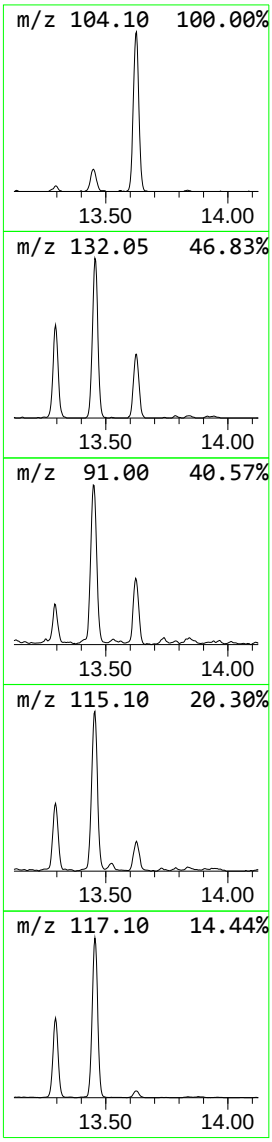
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	8.31 ug/L	202750	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

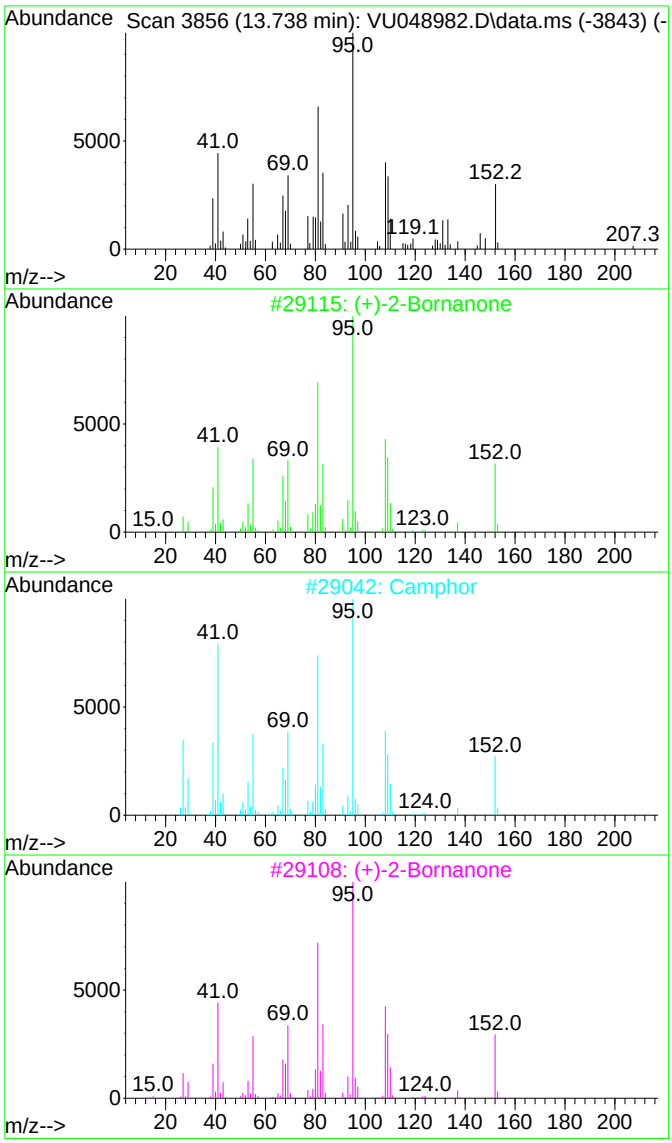
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

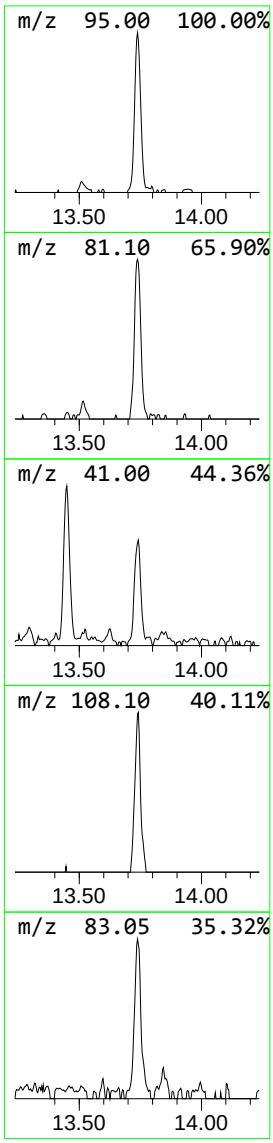
****

Peak Number 23 (+)-2-Bornanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	4.05 ug/L	98705	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	97
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Camphor	152	C10H16O	000076-22-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

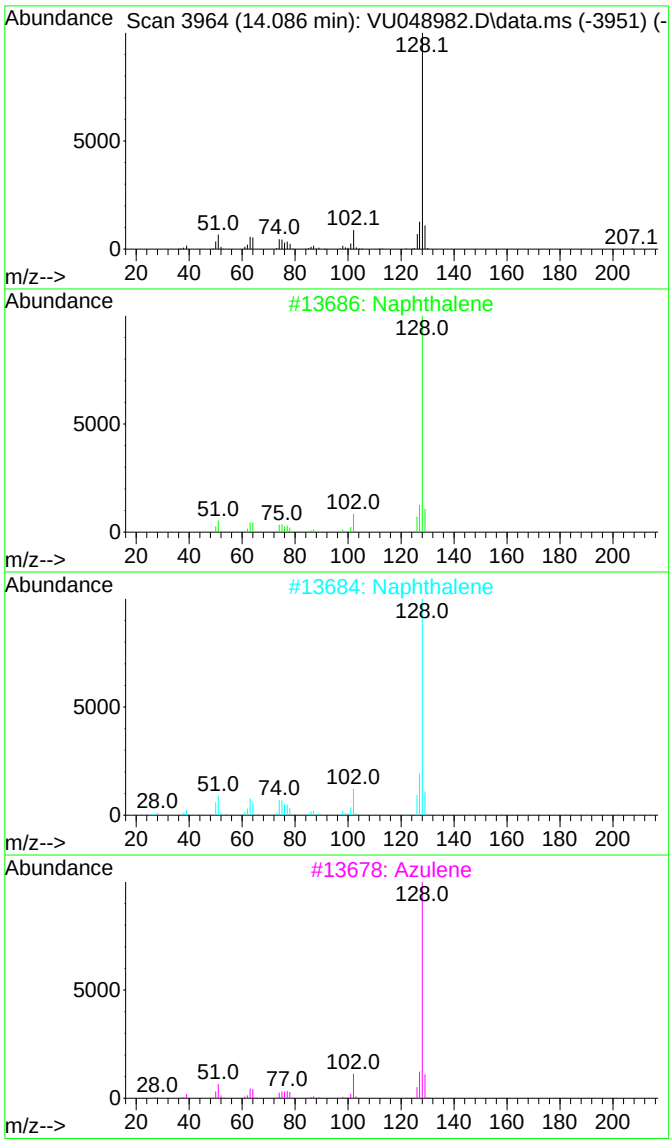
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

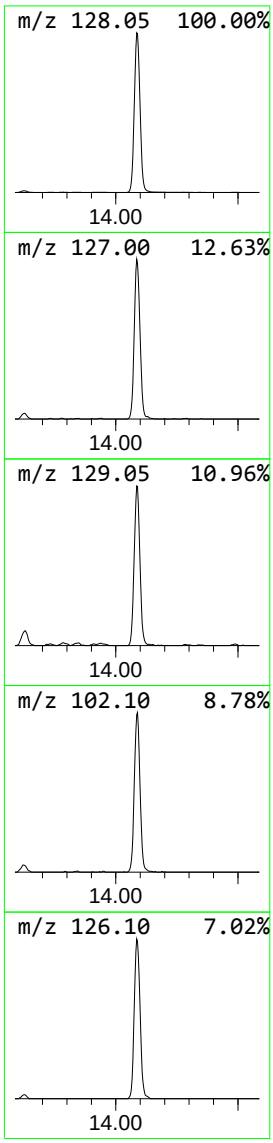
****

Peak Number 24 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	46.48 ug/L	1134150	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\VU060922\
Data File : VU048982.D
Acq On : 09 Jun 2022 17:41
Operator : SY/MD
Sample : N3248-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.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
unknown-01	3.186	5.3	ug/L	81957	1	6.250	766441	50.0
1,4-Dioxane	6.964	4.9	ug/L	74778	1	6.250	766441	50.0
Benzene, propyl-	10.906	129.9	ug/L	3169500	3	11.812	1219980	50.0
Benzene, 1-ethy...	10.999	646.7	ug/L	15778800	3	11.812	1219980	50.0
4-Heptanone, 2,...	11.234	7.7	ug/L	186557	3	11.812	1219980	50.0
Benzene, 1-ethy...	11.291	304.7	ug/L	7433660	3	11.812	1219980	50.0
Benzene, (1-met...	11.642	6.2	ug/L	150677	3	11.812	1219980	50.0
p-Cymene	11.745	16.0	ug/L	390251	3	11.812	1219980	50.0
Benzene, 1,2,3-...	11.896	396.7	ug/L	9680210	3	11.812	1219980	50.0
Indane	12.095	182.4	ug/L	4449500	3	11.812	1219980	50.0
Benzene, 1,2-di...	12.304	4.9	ug/L	119891	3	11.812	1219980	50.0
Benzene, 1-meth...	12.375	13.5	ug/L	329639	3	11.812	1219980	50.0
Cyclohexanone, ...	12.481	704.0	ug/L	17176600	3	11.812	1219980	50.0
o-Cymene	12.571	34.4	ug/L	838145	3	11.812	1219980	50.0
Indan, 1-methyl-	12.684	21.1	ug/L	513629	3	11.812	1219980	50.0
Benzene, 4-ethy...	12.877	14.0	ug/L	341282	3	11.812	1219980	50.0
Benzene, 1,2,3,...	12.973	25.6	ug/L	625356	3	11.812	1219980	50.0
Benzene, 1,2,4,...	13.028	36.2	ug/L	882666	3	11.812	1219980	50.0
Benzene, 2-ethe...	13.295	10.1	ug/L	246432	3	11.812	1219980	50.0
Benzene, (1-met...	13.452	42.0	ug/L	1025290	3	11.812	1219980	50.0
Naphthalene, 1,...	13.623	8.3	ug/L	202750	3	11.812	1219980	50.0
(+)-2-Bornanone	13.738	4.0	ug/L	98705	3	11.812	1219980	50.0
Azulene	14.086	46.5	ug/L	1134150	3	11.812	1219980	50.0