LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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: VU049036.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	77	82	92	rVB	36261	37313	2.47%	0.541%
2	1.932	178	184	193	rVB2	30423	38900	2.58%	0.564%
3	2.581	379	386	393	rBV2	3286	5240	0.35%	0.076%
4	2.697	420	422	425	rBV	244	128	0.01%	0.002%
5	2.784	447	449	450	rBV	456	212	0.01%	0.003%
6	2.960	503	504	507	rBV	267	125	0.01%	0.002%
7	3.269	597	600	604	rVB2	485	341	0.02%	0.005%
8	3.298	605	609	610	rBV2	459	248	0.02%	0.004%
9	3.359	616	628	641	rBV6	7966	16179	1.07%	0.234%
10	3.485	663	667	669	rBV	284	240	0.02%	0.003%
11	3.539	680	684	688	rBV2	285	228	0.02%	0.003%
12	3.568	688	693	695	rBV	250	208	0.01%	0.003%
13	3.636	711	714	716	rBV2	143	117	0.01%	0.002%
14	3.668	720	724	725	rBV	362	239	0.02%	0.003%
15	3.774	754	757	760	rBV	283	168	0.01%	0.002%
16	3.870	767	787	808	rBV2	143711	343111	22.74%	4.972%
17	4.076	845	851	852	rBV	303	312	0.02%	0.005%
18	4.160	874	877	881	rBV2	264	256	0.02%	0.004%
19	4.179	881	883	886	rVB2	408	220	0.01%	0.003%
20	4.349	933	936	939	rBV	216	127	0.01%	0.002%
21	4.523	985	990	993	rBV	1022	1077	0.07%	0.016%
22	4.668	1020	1035	1056	rBV	110097	248767	16.49%	3.605%
23	4.816	1078	1081	1084	rBV2	223	186	0.01%	0.003%
24	5.112	1170	1173	1178	rVB2	343	332	0.02%	0.005%
25	5.144	1178	1183	1185	rBV2	373	369	0.02%	0.005%
26	5.317	1220	1237	1254	rBV	179425	407847	27.03%	5.911%
27	5.697	1351	1355	1357	rBV2	522	436	0.03%	0.006%
28	5.899	1410	1418	1422	rBV5	1311	1645	0.11%	0.024%
29	5.983	1439	1444	1445	rBV2	1072	829	0.05%	0.012%
30	6.134	1487	1491	1494	rBV3	715	495	0.03%	0.007%
31	6.185	1504	1507	1508	rBV	247	143	0.01%	0.002%
32	6.349	1555	1558	1560	rBV2	282	205	0.01%	0.003%
33	6.542	1606	1618	1634	rBV2	53858	99421	6.59%	1.441%
34	6.764	1671	1687	1700	rBV5	17199	33343	2.21%	0.483%
35	6.867	1717	1719	1720	rBV5	316	142	0.01%	0.002%
36	6.976	1750	1753	1759	rVB5	631	689	0.05%	0.010%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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	7.037	1768	1772	1775	rBV2	287	212	0.01%	0.003%
38	7.066	1778	1781	1782	rBV	476	215	0.01%	0.003%
39	7.092	1787	1789	1794	rVB3	256	189	0.01%	0.003%
40	7.230	1826	1832	1833	rBV3	685	630	0.04%	0.009%
41	7.423	1889	1892	1893	rBV	248	116	0.01%	0.002%
42	7.491	1910	1913	1917	rBV3	244	224	0.01%	0.003%
43	7.562	1932	1935	1938	rVB3	414	287	0.02%	0.004%
44	7.591	1938	1944	1947	rBV3	922	1067	0.07%	0.015%
45	7.655	1962	1964	1968	rBV	140	130	0.01%	0.002%
46	7.854	2018	2026	2034	rBV7	7074	12775	0.85%	0.185%
47	7.973	2051	2063	2075	rBV3	5813	10484	0.69%	0.152%
48	8.041	2075	2084	2092	rVV5	2092	3926	0.26%	0.057%
49	8.099	2096	2102	2108	rVB6	1030	1253	0.08%	0.018%
50	8.166	2119	2123	2125	rBV	491	379	0.03%	0.005%
51	8.243	2137	2147	2156	rBV5	7365	12126	0.80%	0.176%
52	8.369	2179	2186	2197	rVB7	3254	5120	0.34%	0.074%
53	8.552	2231	2243	2268	rBV	226074	384648	25.50%	5.574%
54	8.812	2315	2324	2331	rBV6	2787	4644	0.31%	0.067%
55	8.864	2331	2340	2350	rVV2	11985	18857	1.25%	0.273%
56	9.031	2390	2392	2395	rVB2	443	261	0.02%	0.004%
57	9.108	2414	2416	2418	rBV2	196	117	0.01%	0.002%
58	9.160	2424	2432	2437	rBV5	993	1338	0.09%	0.019%
59	9.340	2485	2488	2491	rVB2	282	202	0.01%	0.003%
60	9.356	2491	2493	2496	rBV2	234	179	0.01%	0.003%
61	9.513	2532	2542	2549	rBV3	5380	8338	0.55%	0.121%
62	9.571	2550	2560	2572	rVB2	25659	41915	2.78%	0.607%
63	9.658	2584	2587	2589	rBV2	955	539	0.04%	0.008%
64	9.693	2589	2598	2612	rVB4	17963	33063	2.19%	0.479%
65	9.893	2651	2660	2668	rBV5	2994	4017	0.27%	0.058%
66	10.034	2695	2704	2712	rBV8	2902	6094	0.40%	0.088%
67	10.201	2750	2756	2758	rBV	327	371	0.02%	0.005%
68	10.365	2797	2807	2815	rBV9	4636	8882	0.59%	0.129%
69	10.439	2827	2830	2832	rBV2	638	402	0.03%	0.006%
70	10.484	2836	2844	2853	rVB2	12852	18388	1.22%	0.266%
71	10.700	2903	2911	2922	rVB4	7710	11555	0.77%	0.167%
72	10.751	2922	2927	2928	rBV3	1659	1345	0.09%	0.019%
73	10.815	2940	2947	2956	rVB5	4025	5827	0.39%	0.084%
74	10.905	2964	2975	2990	rBV	53941	84984	5.63%	1.232%
75	10.999	2994	3004	3008	rBV	33622	52577	3.49%	0.762%
76	11.089	3021	3032	3049	rVB	323113	489965	32.48%	7.101%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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	11.185	3059	3062	3066	rVB3	773	507	0.03%	0.007%
78	11.291	3083	3095	3115	rBV	342440	534185	35.41%	7.742%
79	11.468	3138	3150	3168	rVB	985274	1508639	100.00%	21.864%
80	11.610	3188	3194	3198	rBV3	9444	12576	0.83%	0.182%
81	11.745	3226	3236	3244	rBV	56219	84188	5.58%	1.220%
82	11.793	3244	3251	3269	rVB3	34608	62795	4.16%	0.910%
83	11.893	3271	3282	3296	rBV	274186	431237	28.58%	6.250%
84	12.008	3311	3318	3328	rVB2	12362	18826	1.25%	0.273%
85	12.095	3333	3345	3351	rBV2	162521	270903	17.96%	3.926%
86	12.192	3364	3375	3395	rVB2	162064	307708	20.40%	4.459%
87	12.301	3401	3409	3422	rVB3	20101	31549	2.09%	0.457%
88	12.375	3423	3432	3444	rVB	67890	103222	6.84%	1.496%
89	12.465	3449	3460	3464	rBV	82049	122188	8.10%	1.771%
90	12.571	3484	3493	3501	rBV	110400	164589	10.91%	2.385%
91	12.684	3518	3528	3549	rBV4	57584	155563	10.31%	2.254%
92	12.876	3578	3588	3598	rVB3	38214	67124	4.45%	0.973%
93	13.024	3626	3634	3648	rVB	96627	147922	9.80%	2.144%
94	13.108	3652	3660	3668	rBV6	10586	19745	1.31%	0.286%
95	13.401	3744	3751	3752	rBV3	7067	6430	0.43%	0.093%
96	13.449	3758	3766	3781	rVB4	100477	173076	11.47%	2.508%
97	13.622	3812	3820	3835	rVB2	36978	61165	4.05%	0.886%
98	13.738	3848	3856	3863	rBV8	3335	5466	0.36%	0.079%
99	14.089	3955	3965	3984	rVB	75019	131897	8.74%	1.911%
100	15.230	4311	4320	4334	rBV3	5712	11257	0.75%	0.163%

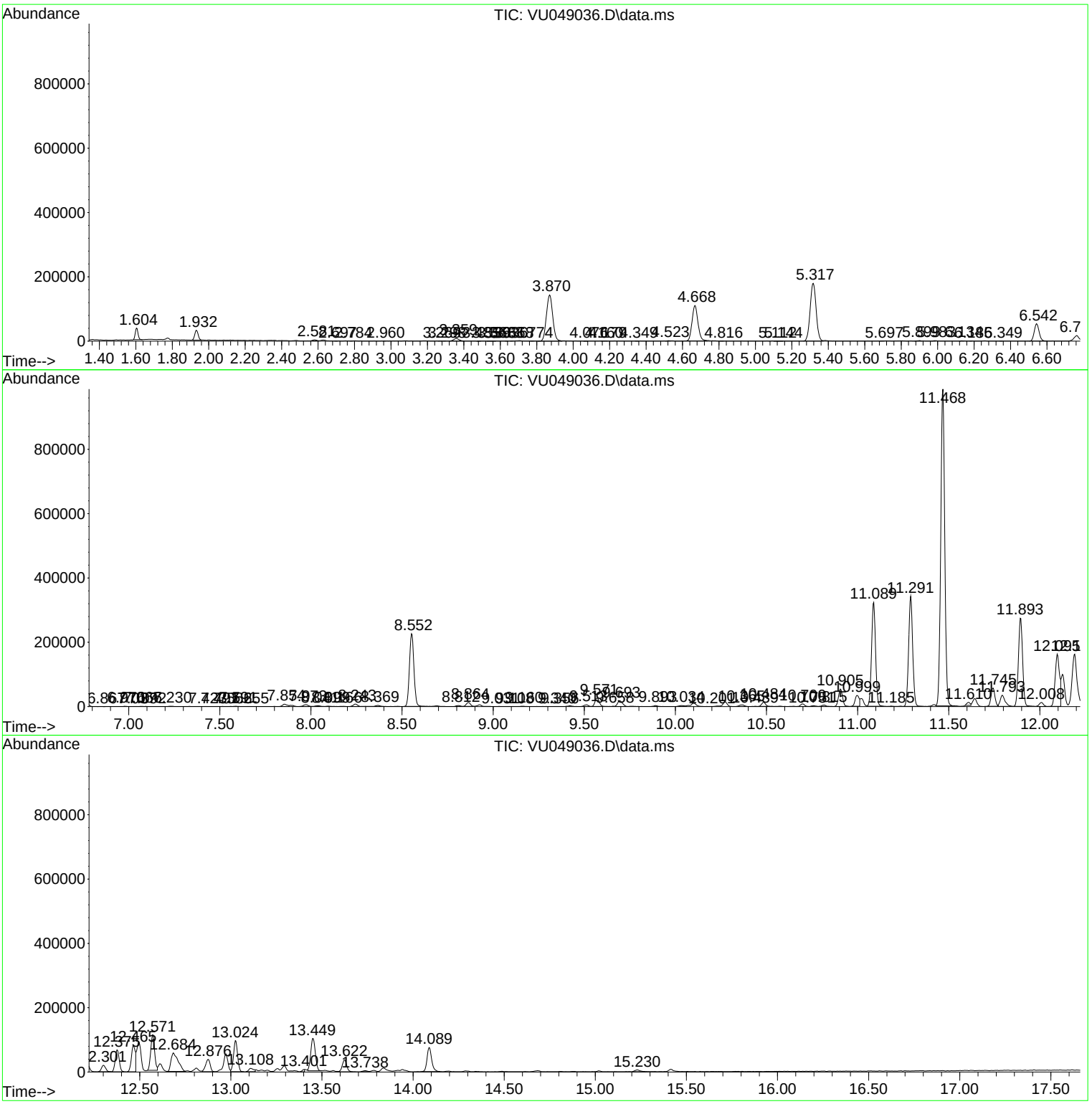
Sum of corrected areas: 6900236

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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 : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

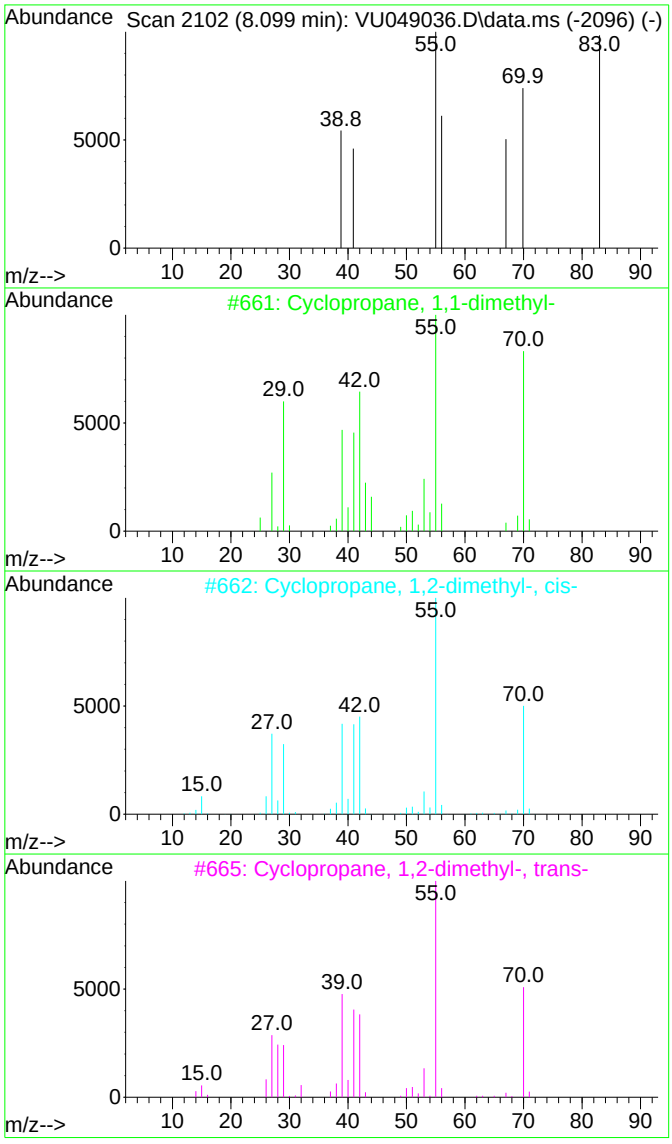
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

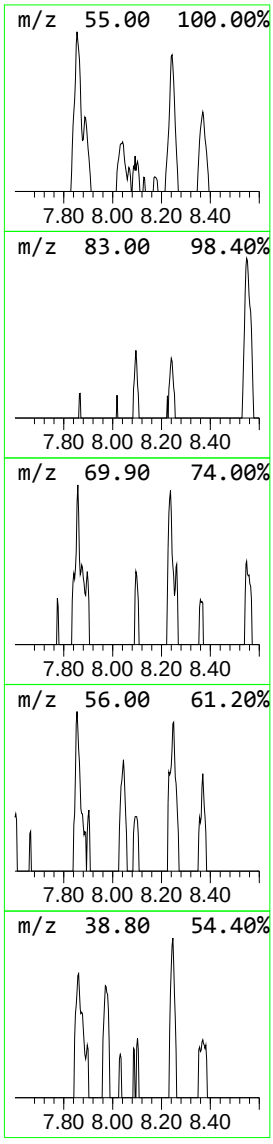
****

Peak Number 36 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	350.00 ug/L	1253	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	16
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	12
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	12
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

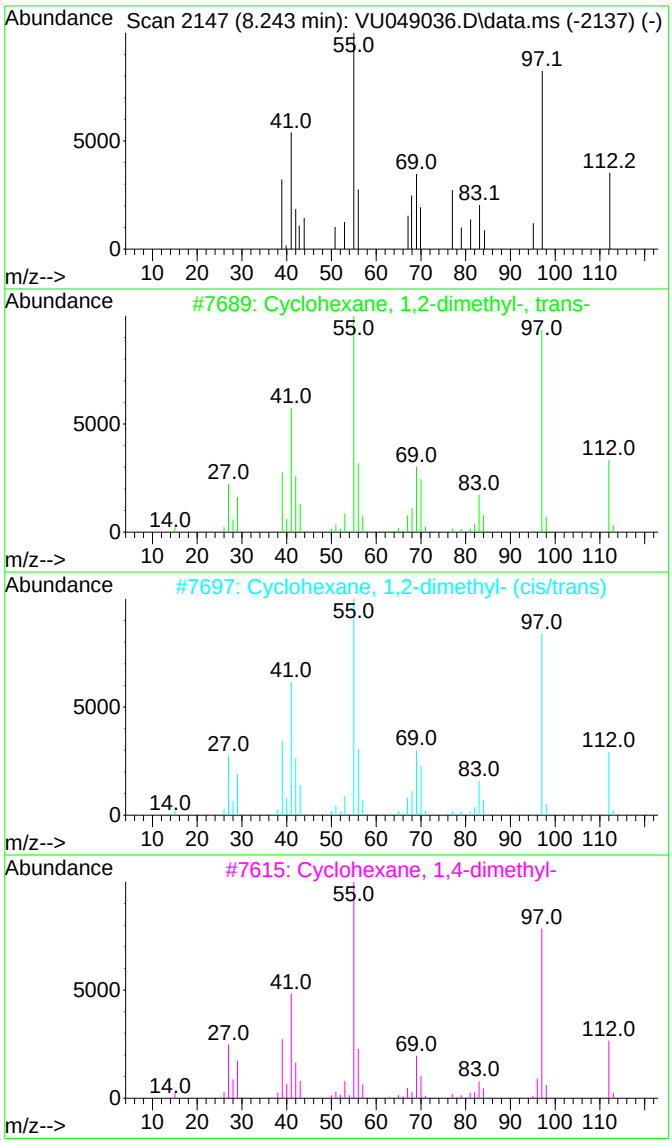
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

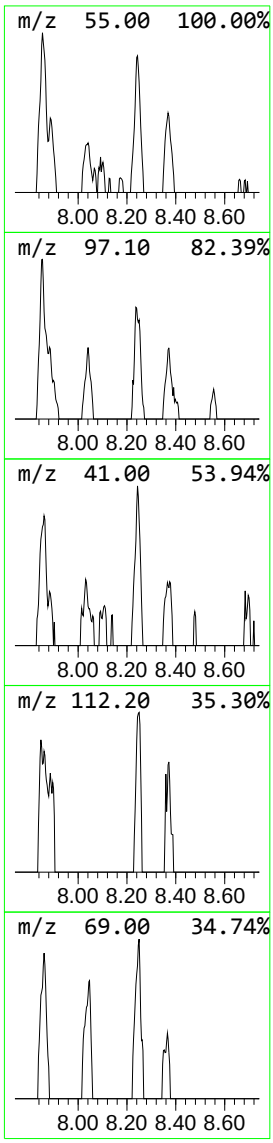
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	3387.15 ug/L	12126	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	58
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

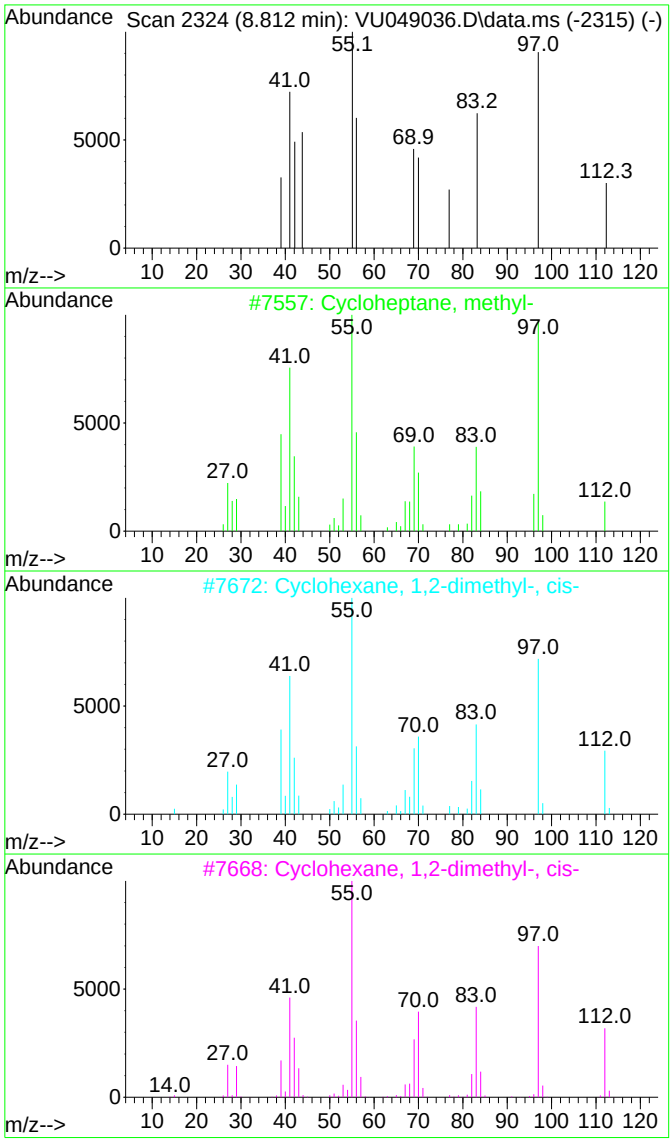
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

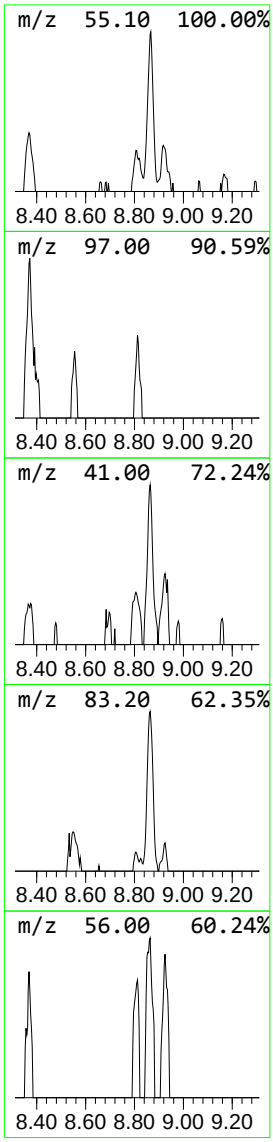
****

Peak Number 38 Cycloheptane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.812	1297.21 ug/L	4644	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	53
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	50
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	50
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	47
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

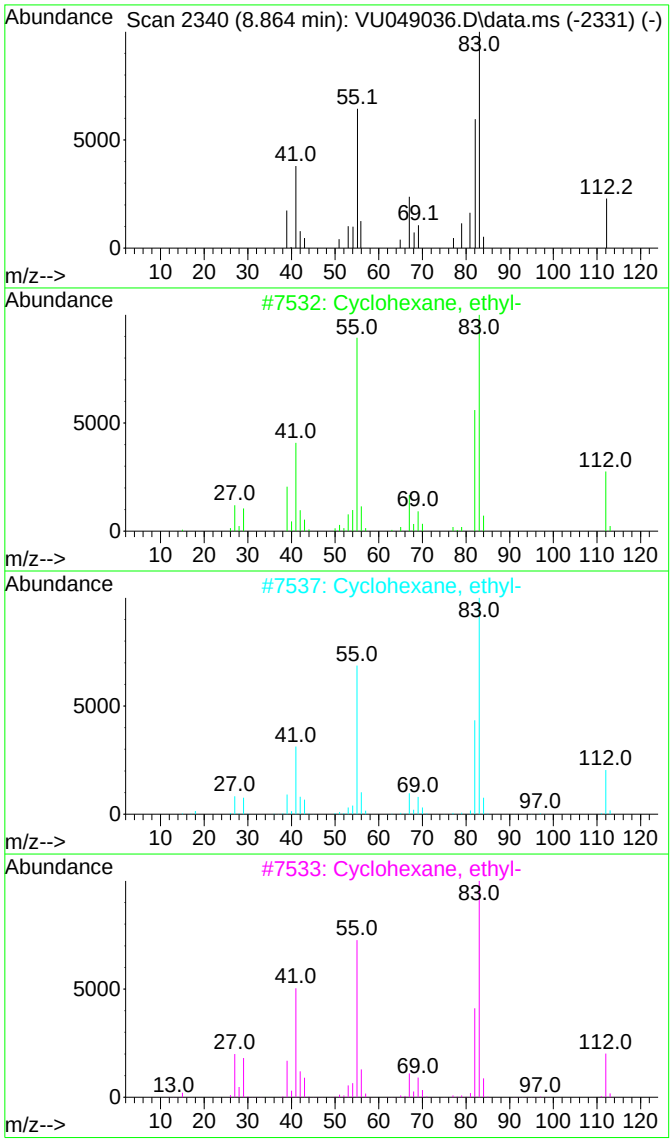
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

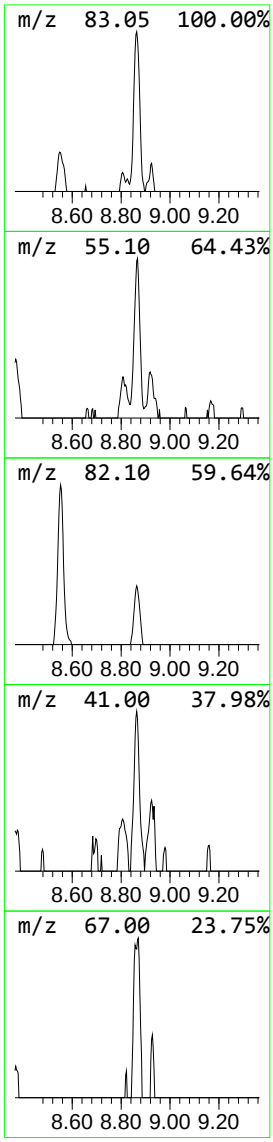
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Cyclohexane, ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.864	5267.32 ug/L	18857	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

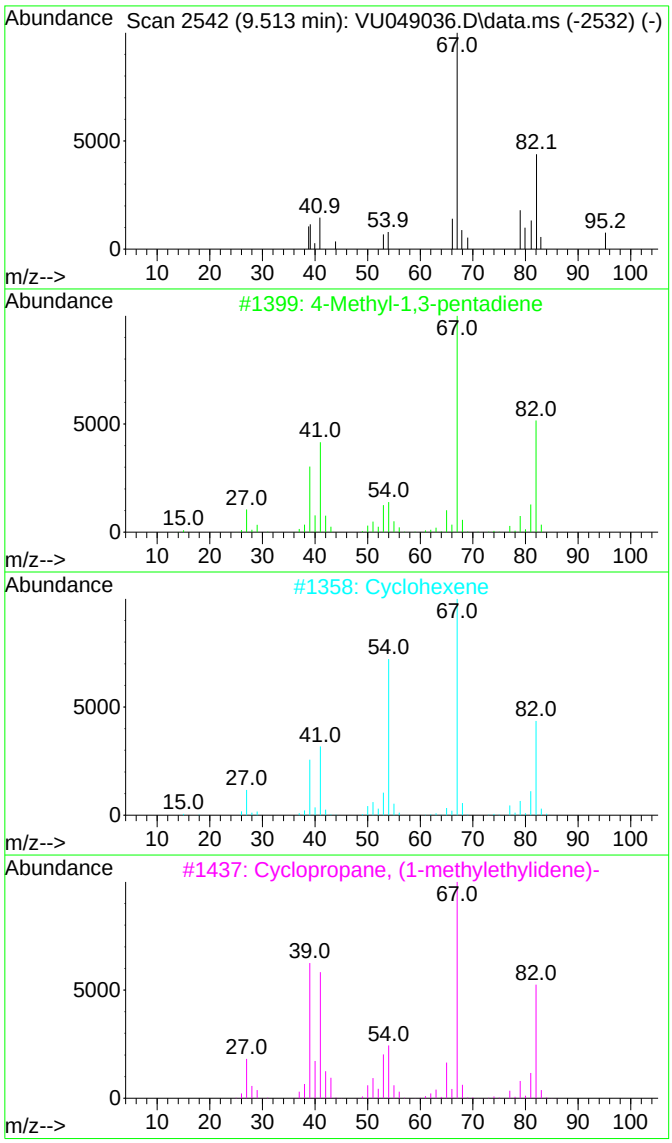
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

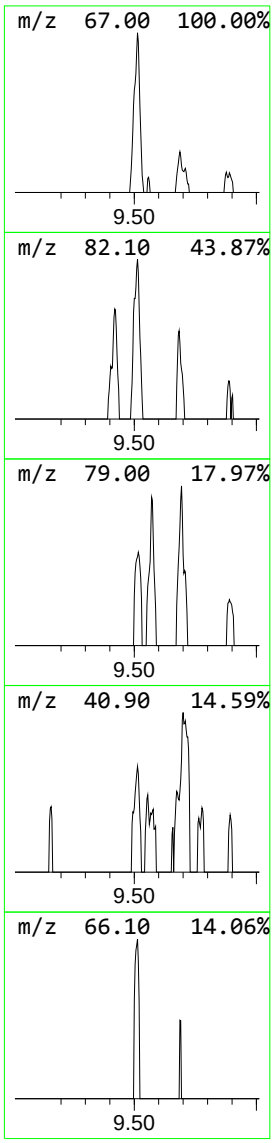
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 4-Methyl-1,3-pentadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	2329.05 ug/L	8338	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	59
2	Cyclohexene	82	C6H10	000110-83-8	50
3	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	50
4	2,4-Hexadiene	82	C6H10	000592-46-1	50
5	(Z)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-80-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

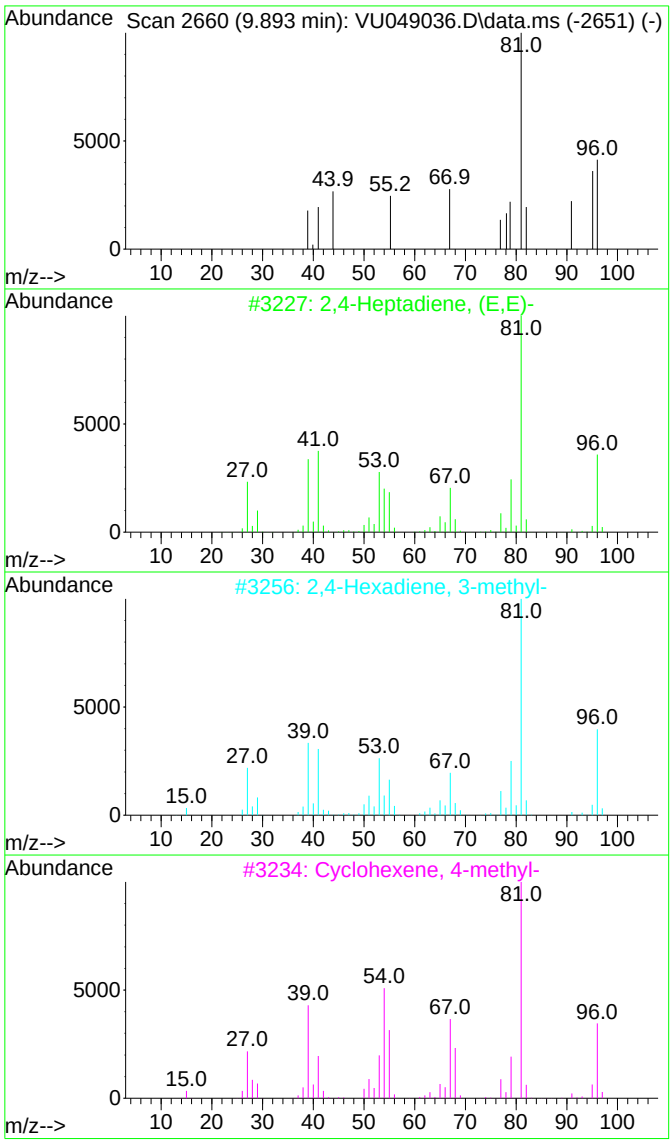
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

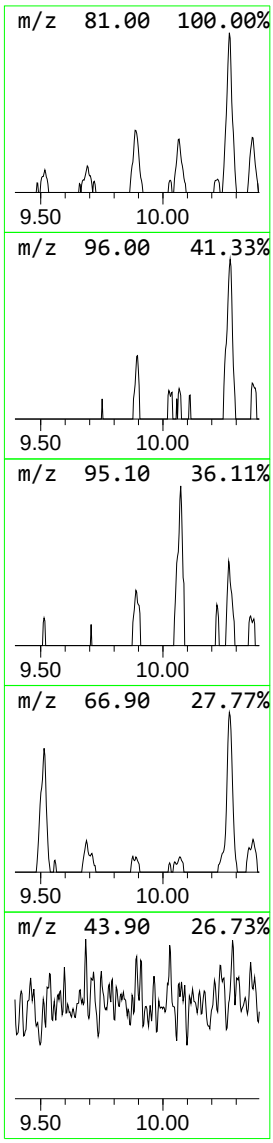
****

Peak Number 46 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.893	1122.07 ug/L	4017	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	42
2	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	42
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	33
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	33
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	33





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Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

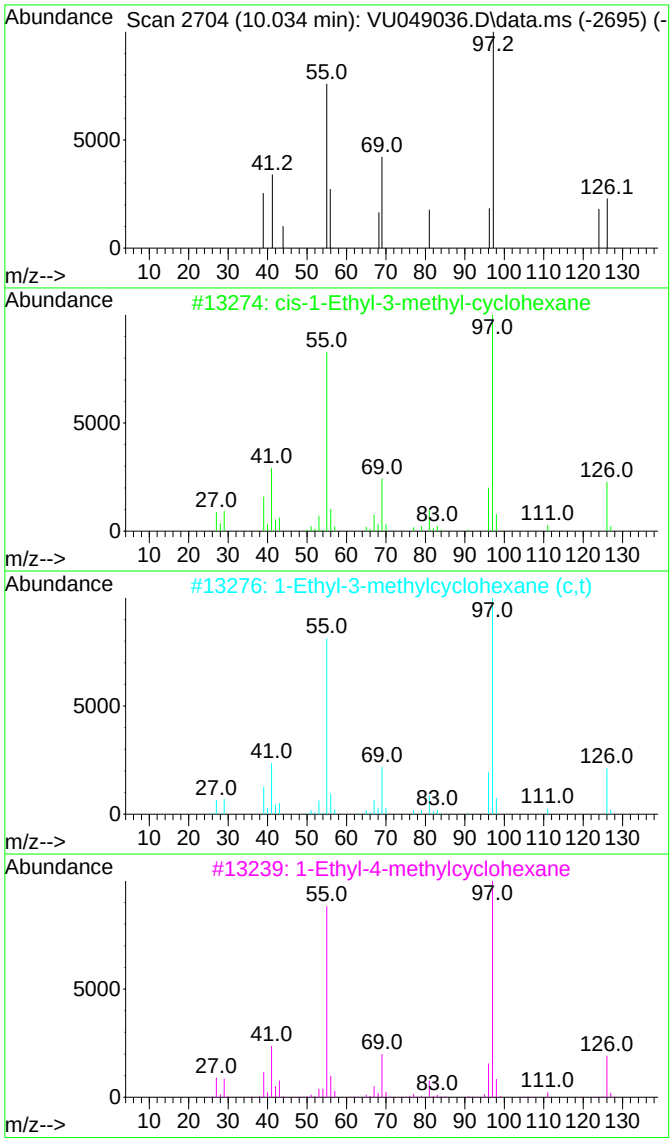
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

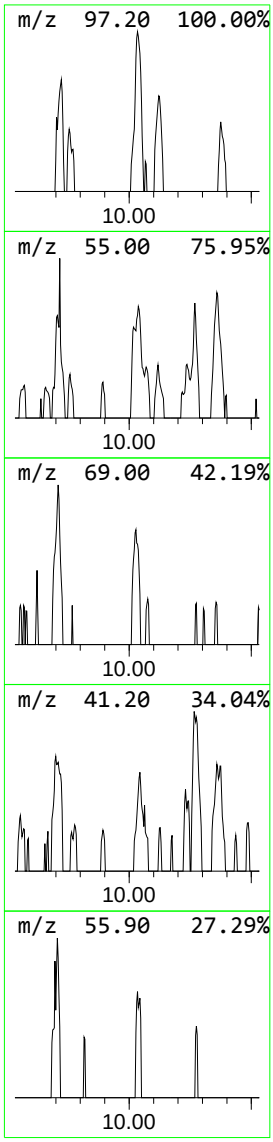
****

Peak Number 47 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	1702.23 ug/L	6094	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	45
5	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	38





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Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

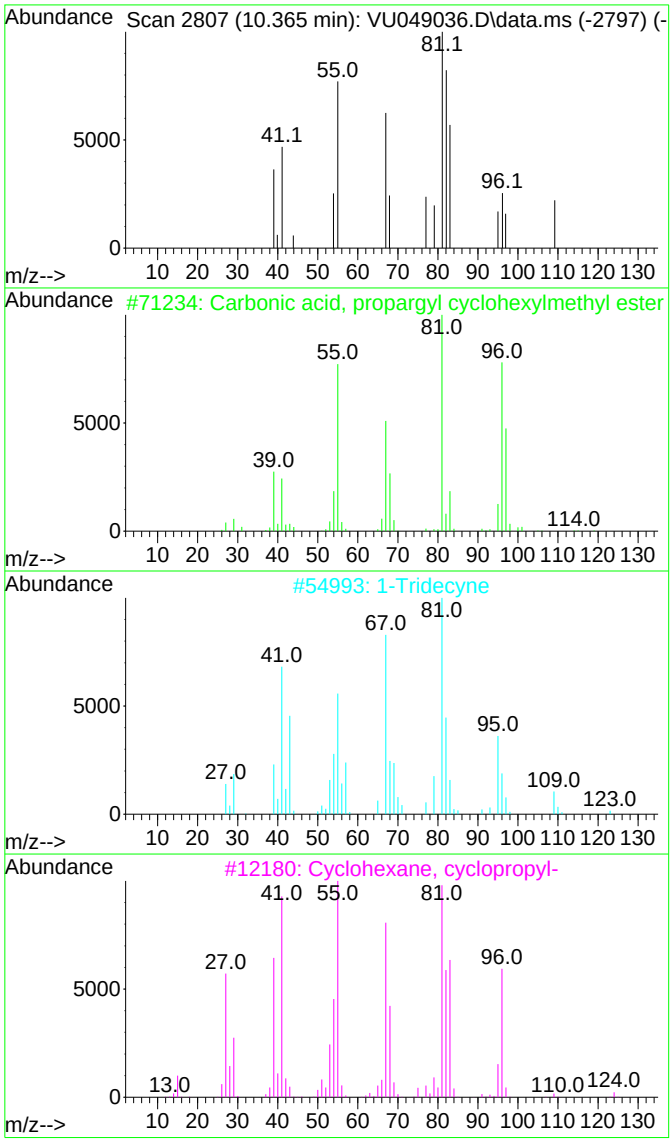
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

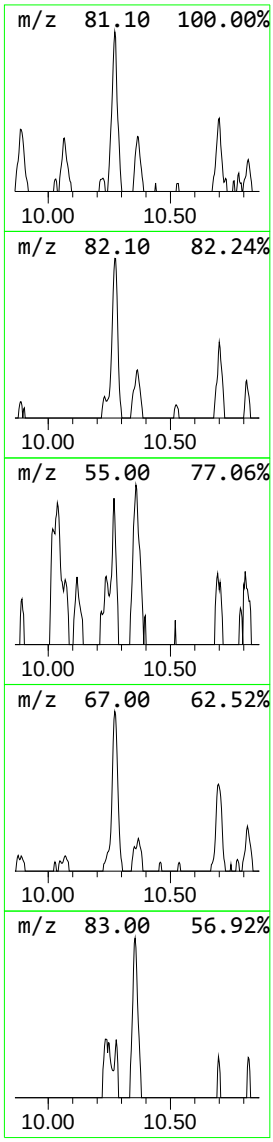
****

Peak Number 49 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.365	2481.01 ug/L	8882	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, propargyl cyclohe...	196	C11H16O3	1000357-91-0	38
2	1-Tridecyne	180	C13H24	026186-02-7	37
3	Cyclohexane, cyclopropyl-	124	C9H16	032669-86-6	25
4	1-Undecyne	152	C11H20	002243-98-3	23
5	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

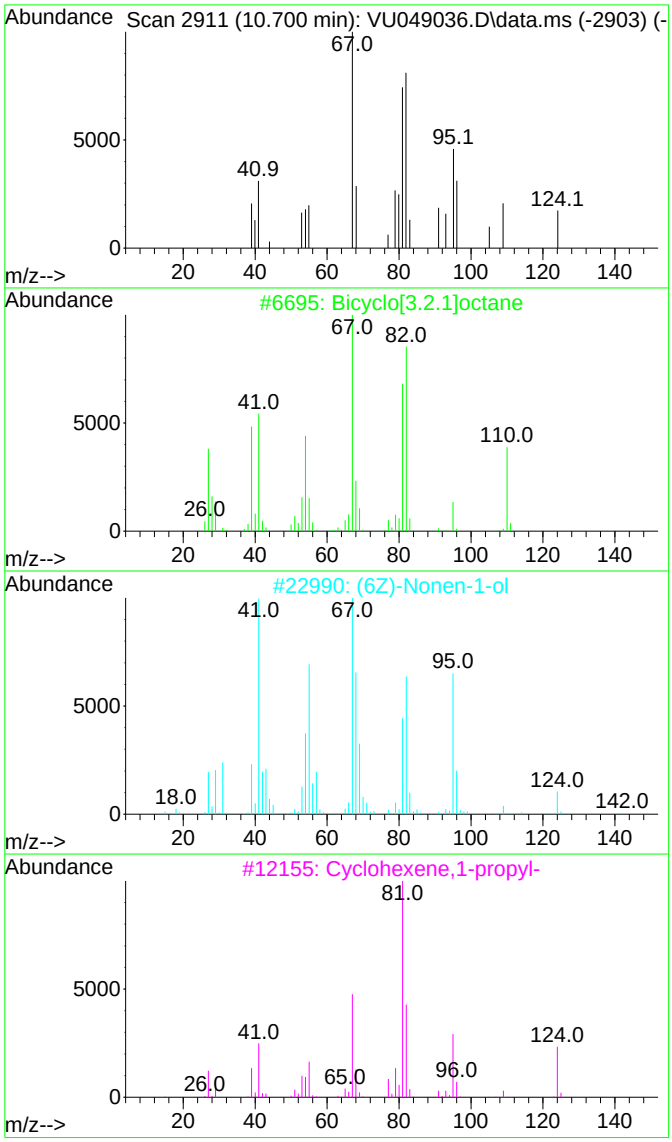
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

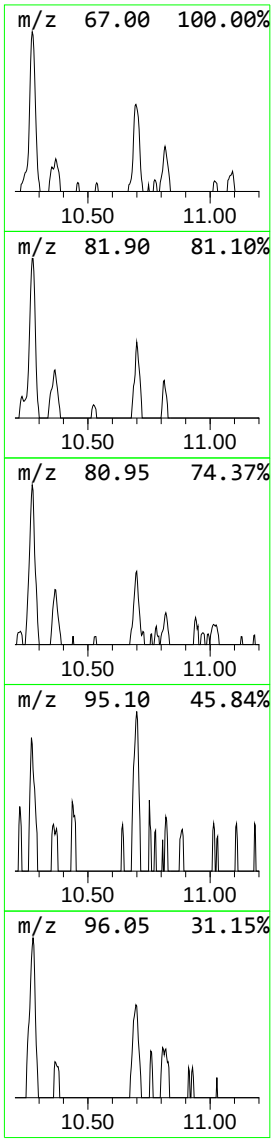
****

Peak Number 50 Bicyclo[3.2.1]octane Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.700	9.20 ug/L	11555	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	53
2	(6Z)-Nonen-1-ol	142	C9H18O	035854-86-5	53
3	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	50
4	Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	47
5	1-Hexadecyne	222	C16H30	000629-74-3	47





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Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

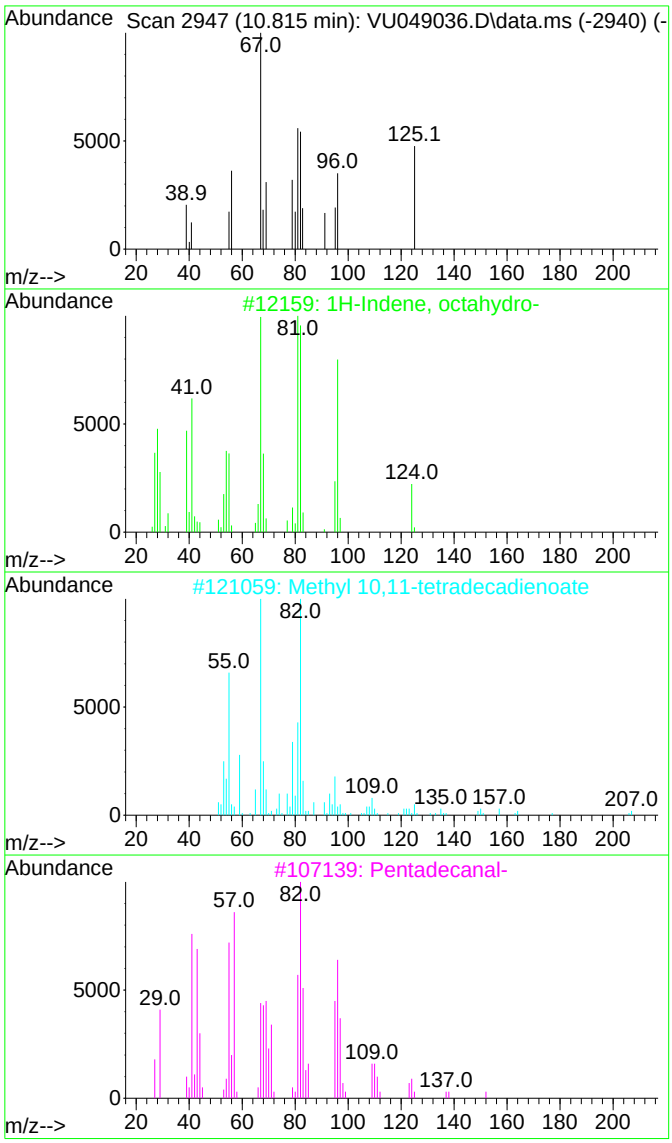
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

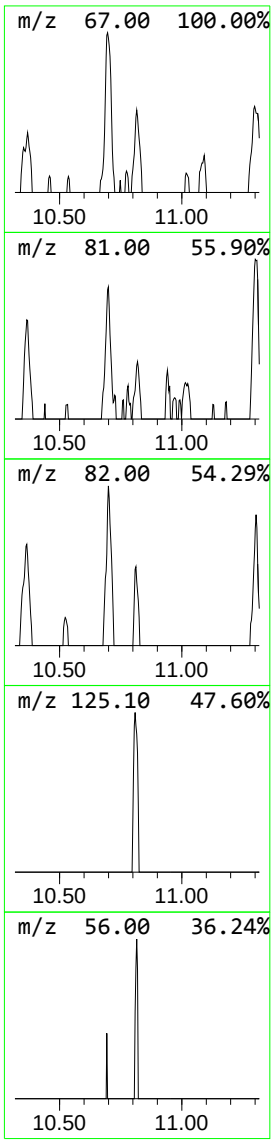
****

Peak Number 51 unknown-05 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	4.64 ug/L	5827	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-	124	C9H16	000496-10-6	25
2	Methyl 10,11-tetradecadienoate	238	C15H26O2	1000336-31-8	23
3	Pentadecanal-	226	C15H30O	002765-11-9	12
4	Cyclohexaneethanol	128	C8H16O	004442-79-9	12
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

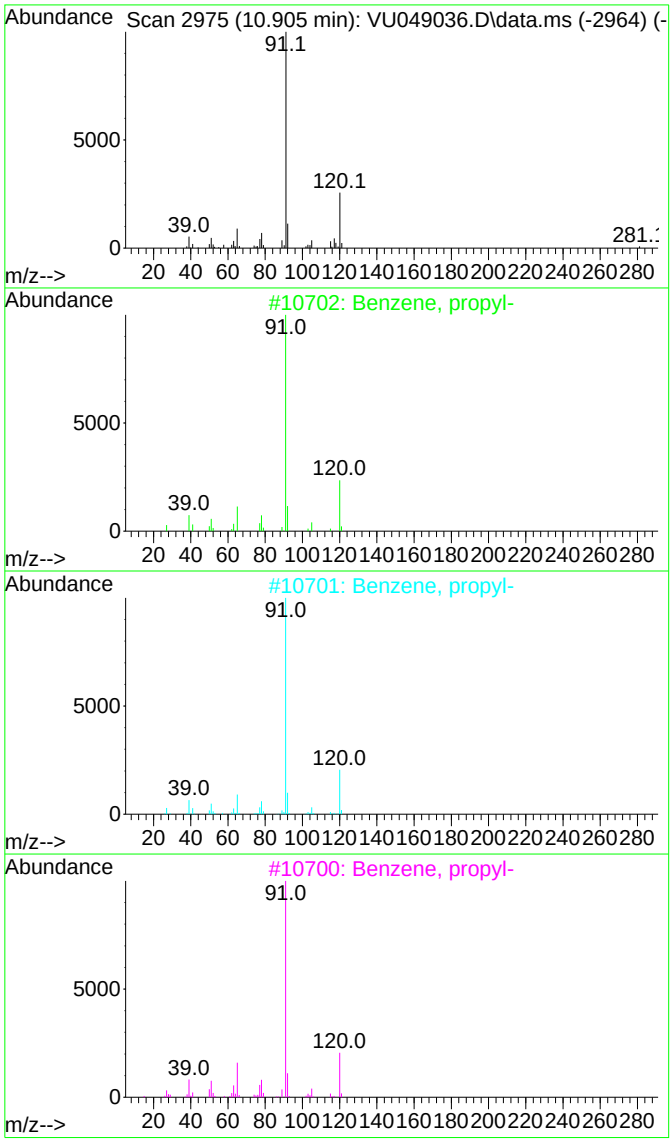
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

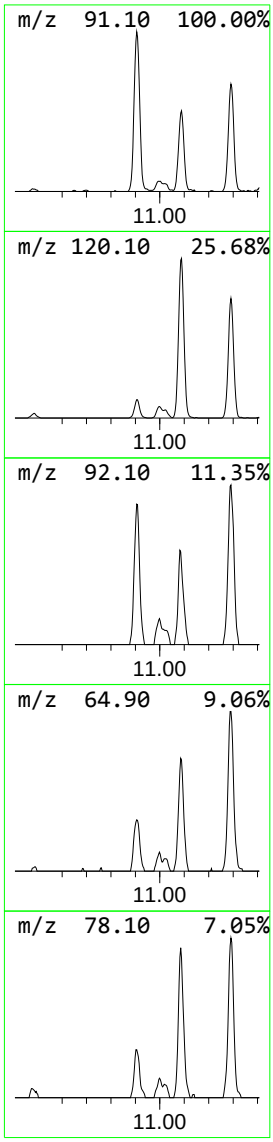
****

Peak Number 52 Benzene, propyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	67.67 ug/L	84984	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	72





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Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

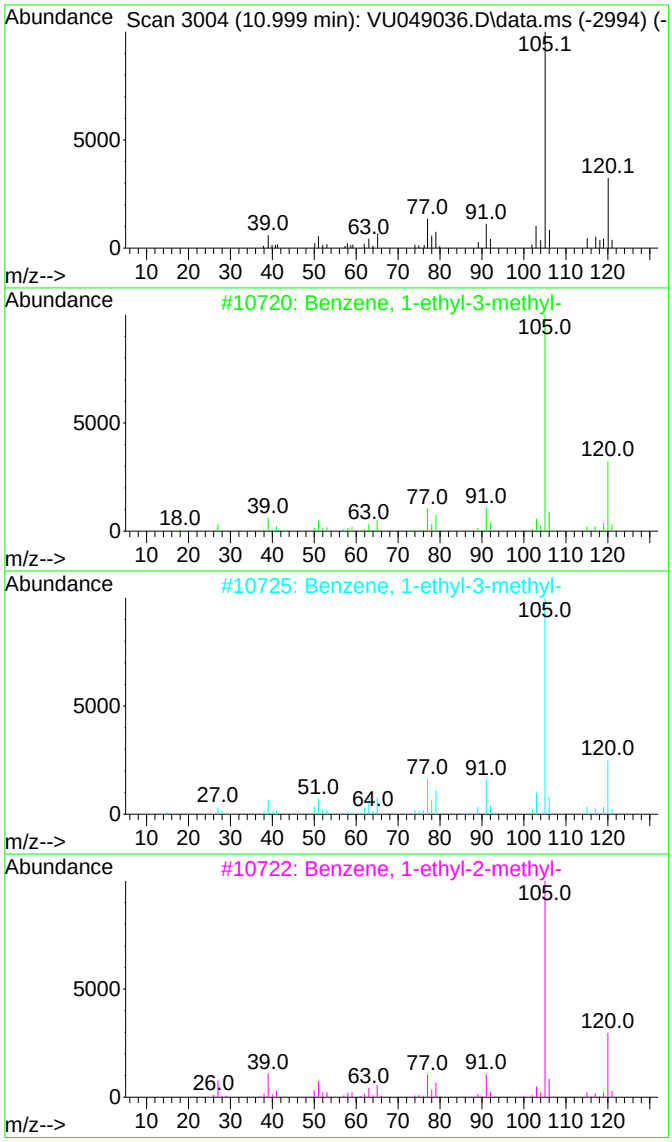
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

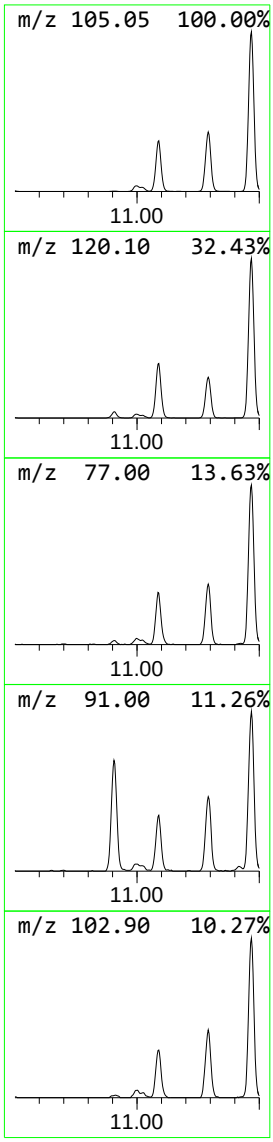
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-ethyl-3-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	41.86 ug/L	52577	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

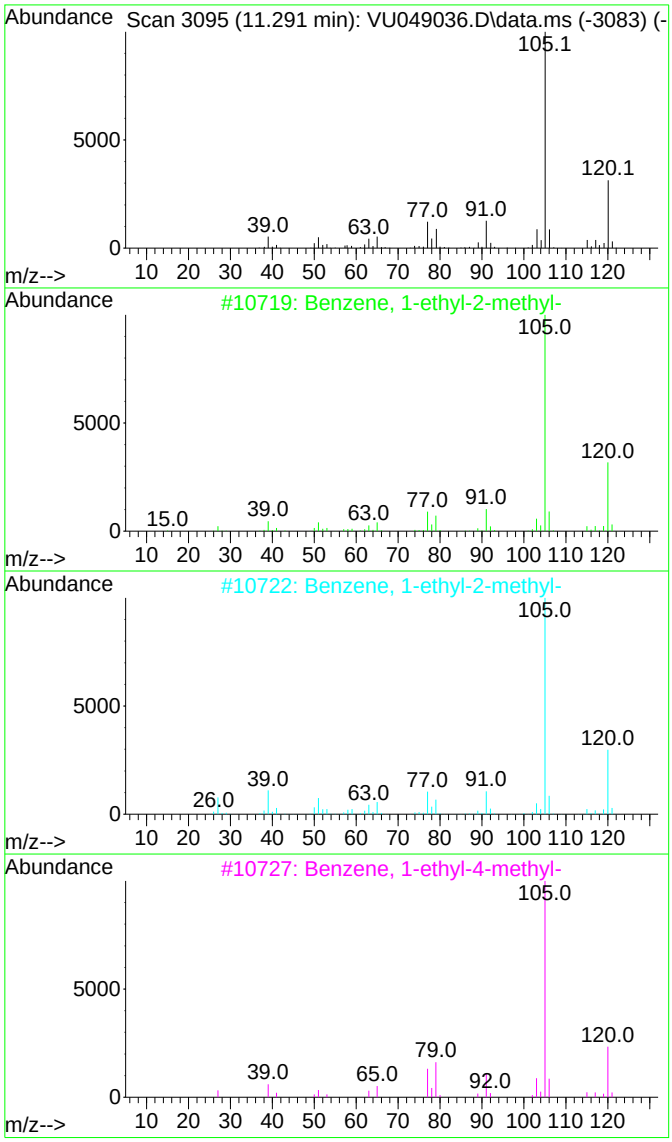
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

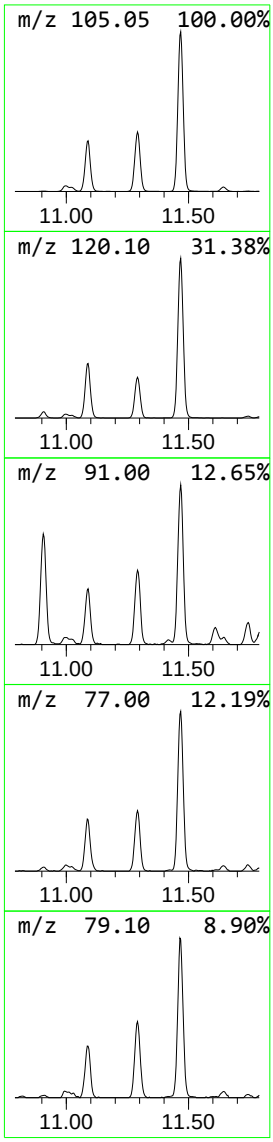
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	425.34 ug/L	534185	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

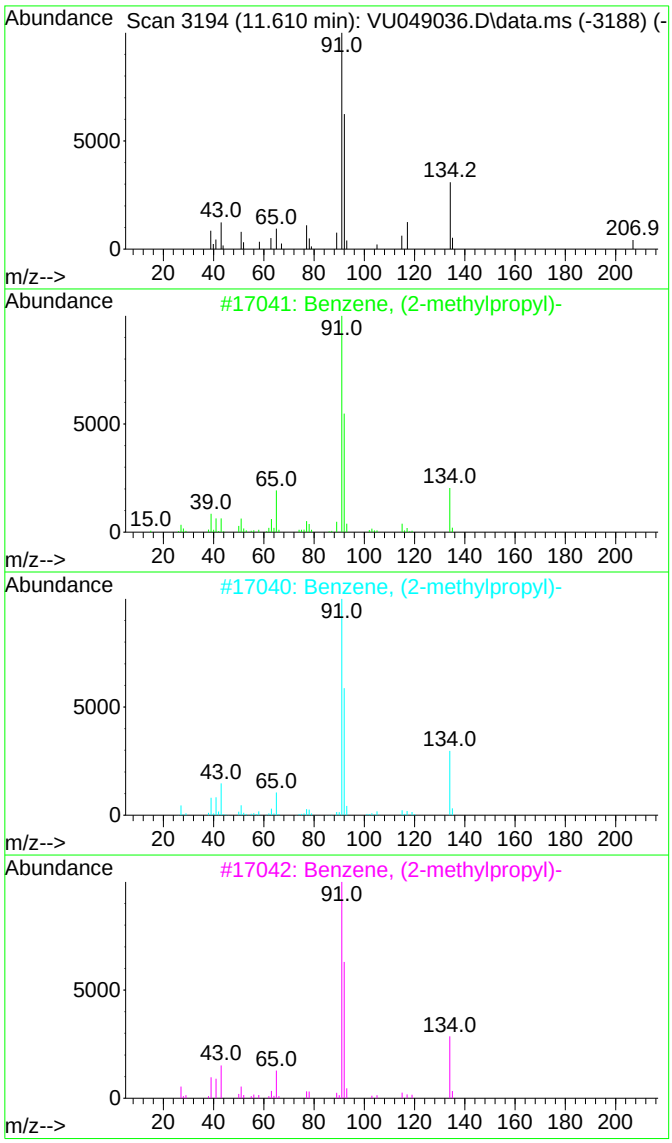
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

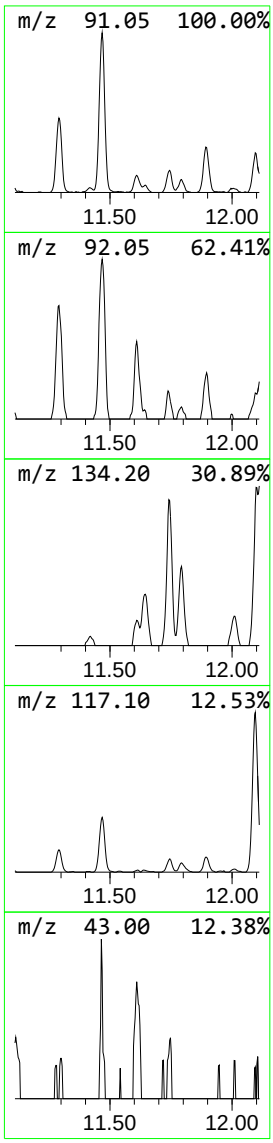
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, (2-methylpropyl)- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	10.01 ug/L	12576	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	59
5	Benzene, n-butyl-	134	C10H14	000104-51-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

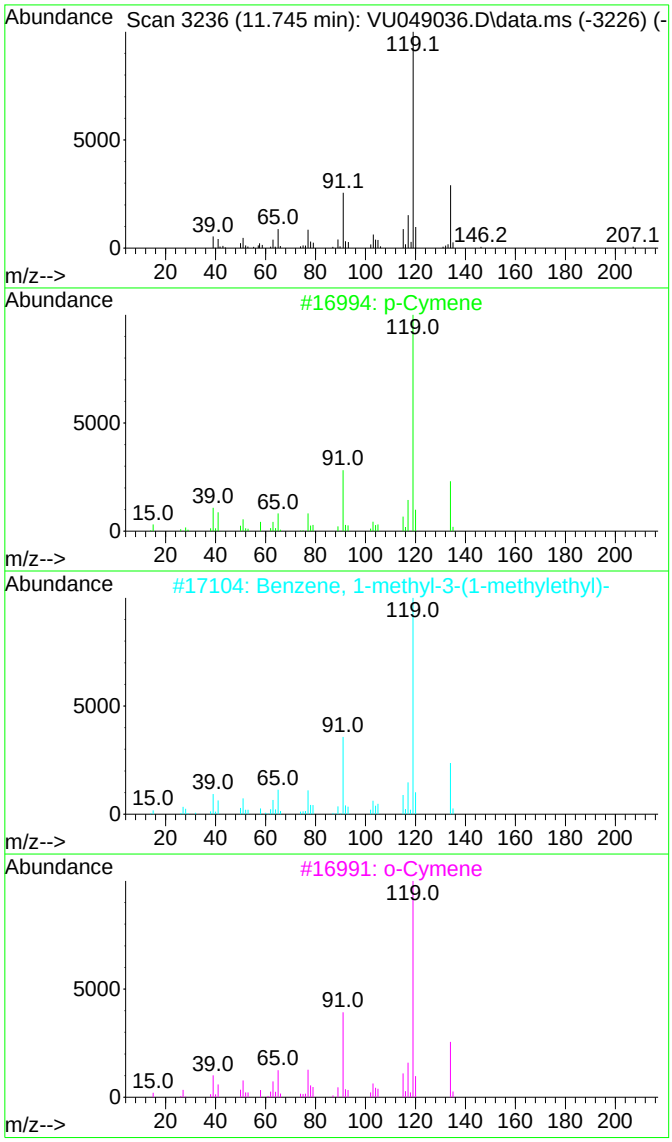
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

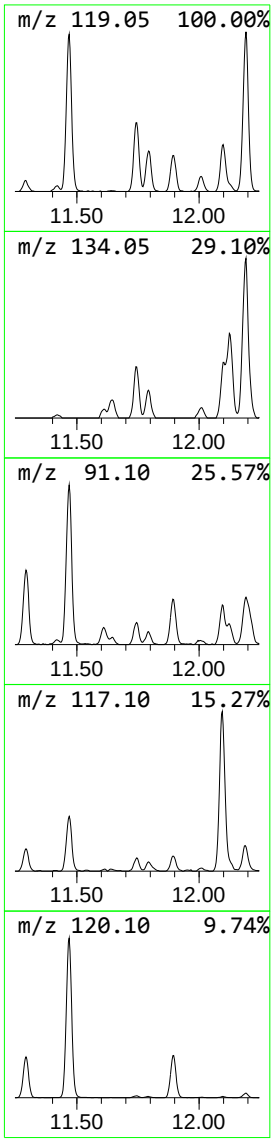
****

Peak Number 56 p-Cymene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	67.03 ug/L	84188	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	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

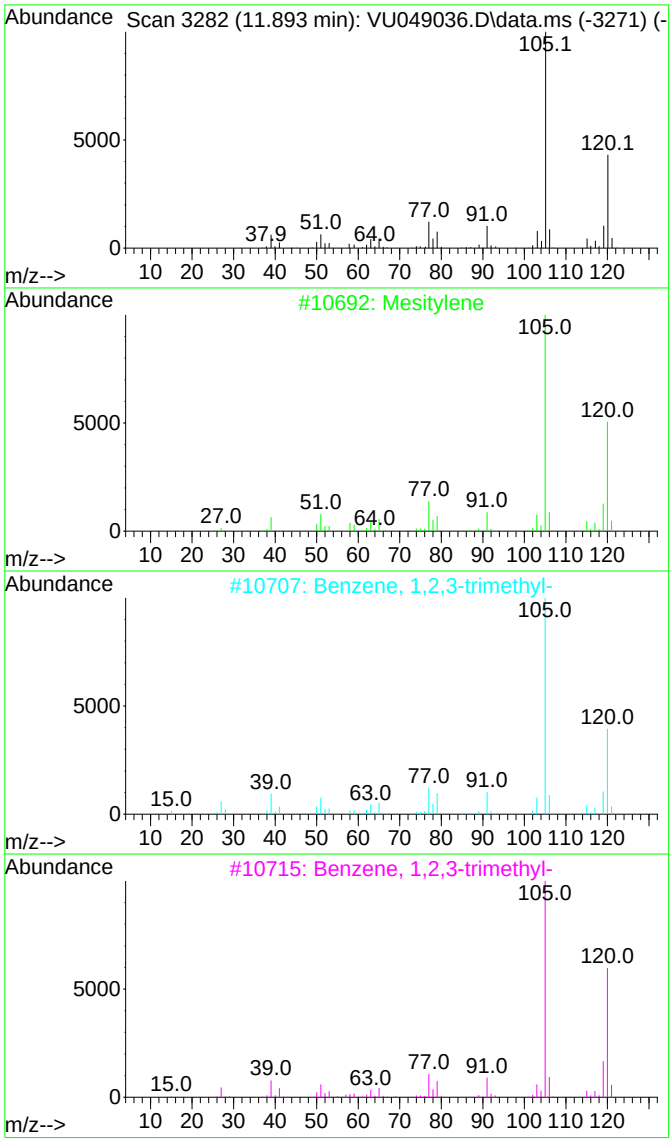
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

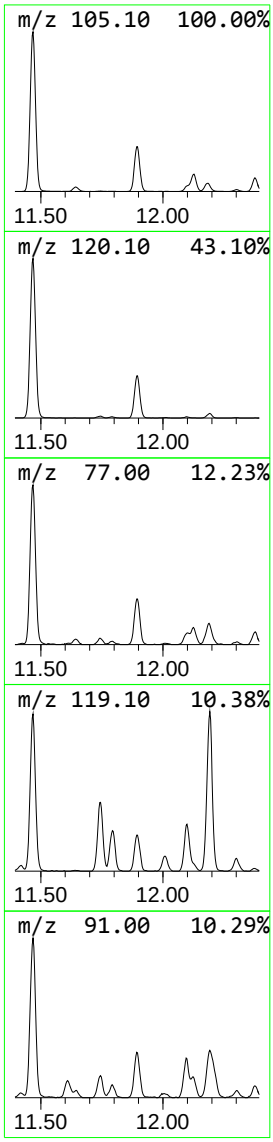
****

Peak Number 57 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	343.37 ug/L	431237	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	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

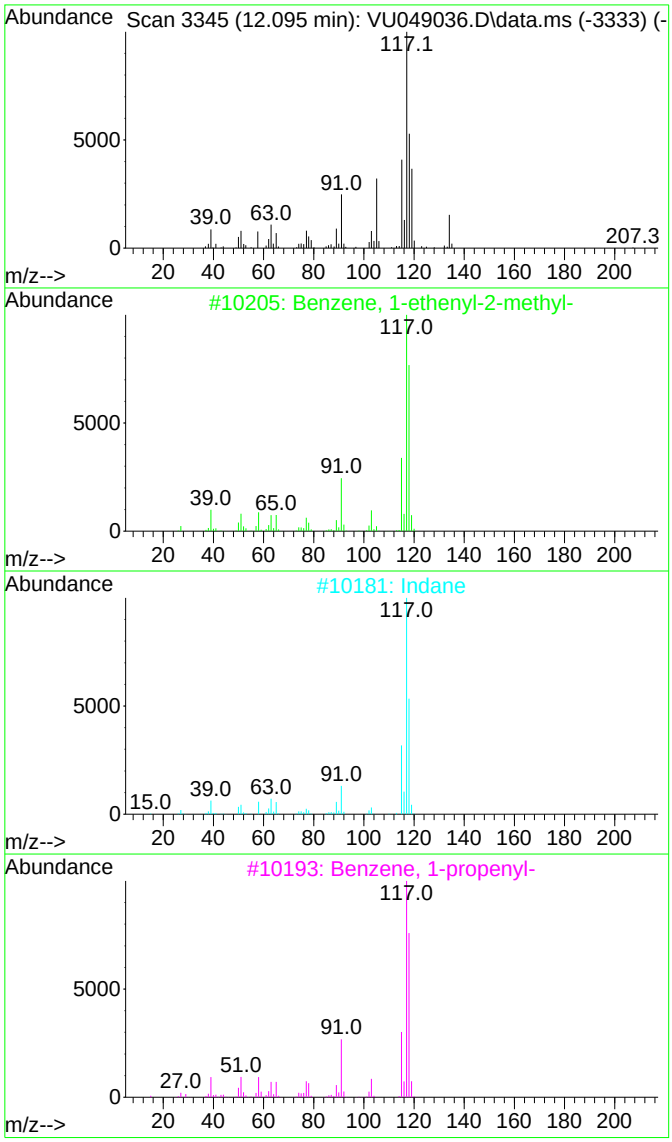
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

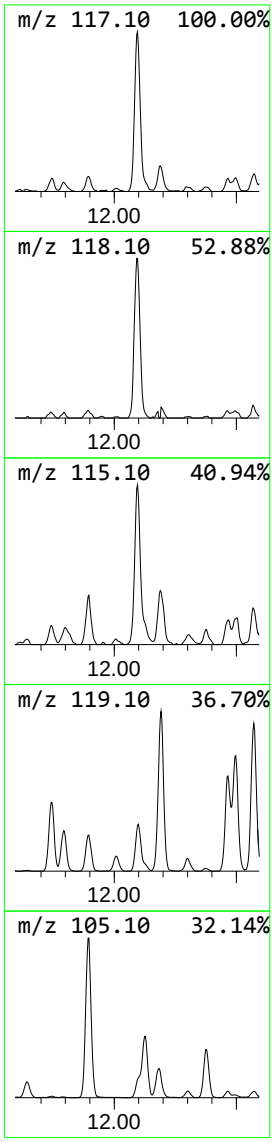
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 1-ethenyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	215.70 ug/L	270903	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
2	Indane	118	C9H10	000496-11-7	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

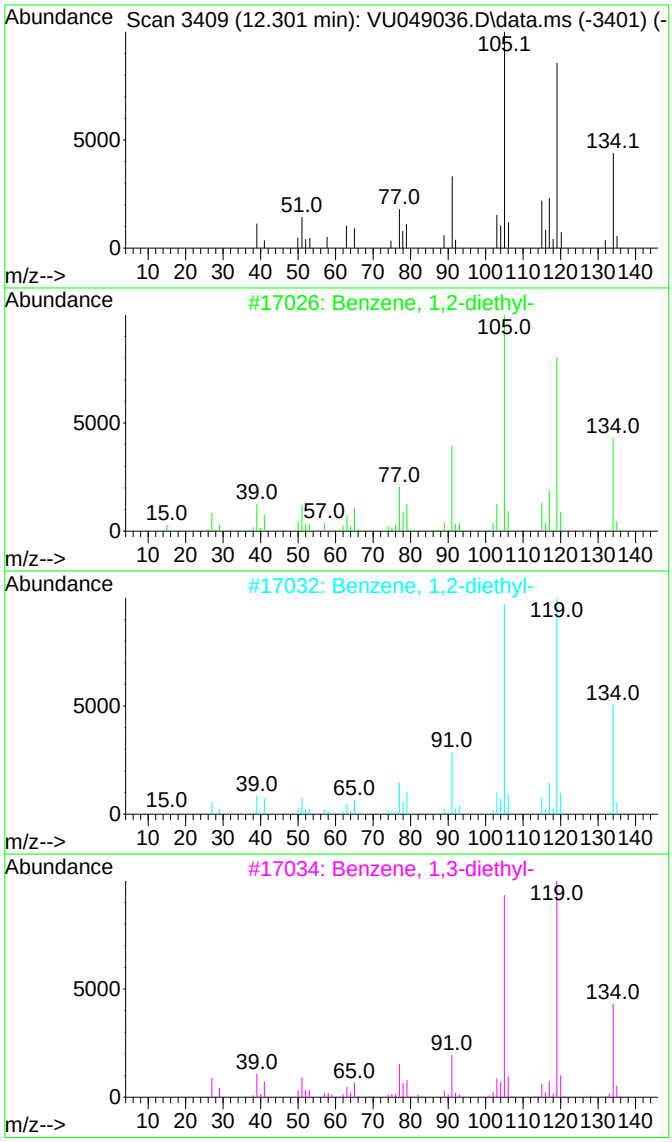
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

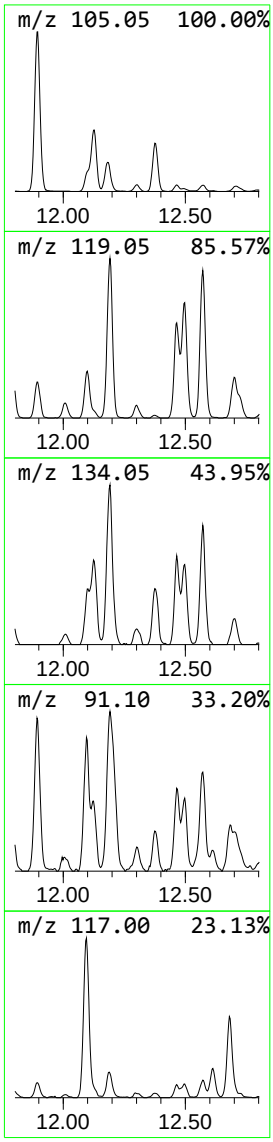
****

Peak Number 60 Benzene, 1,2-diethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	25.12 ug/L	31549	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, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

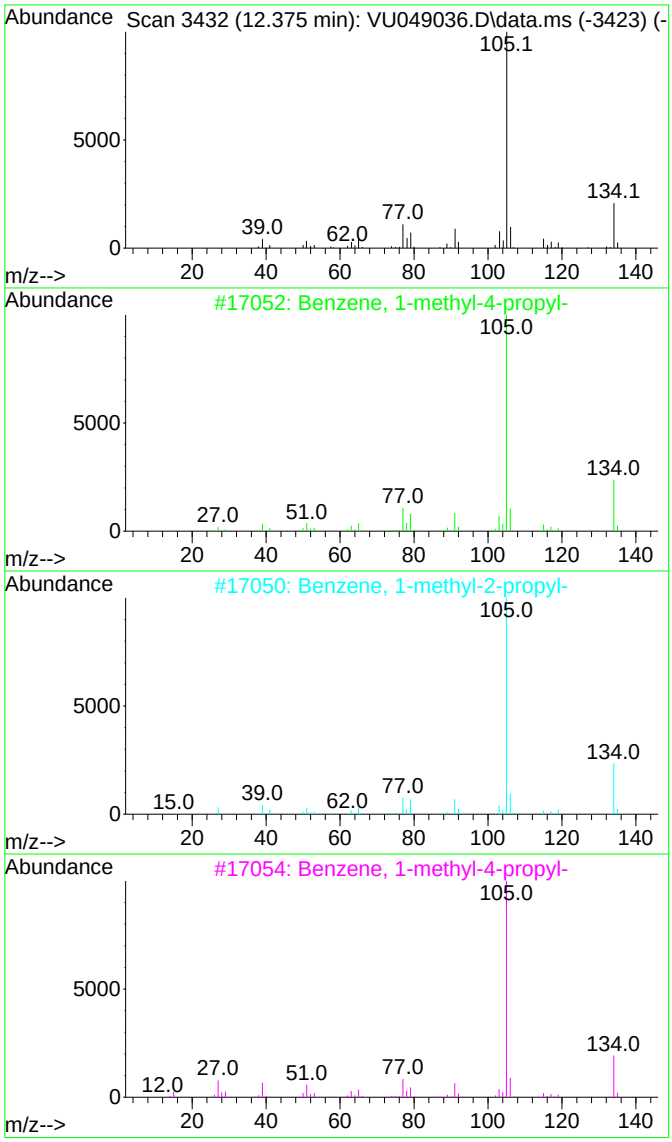
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

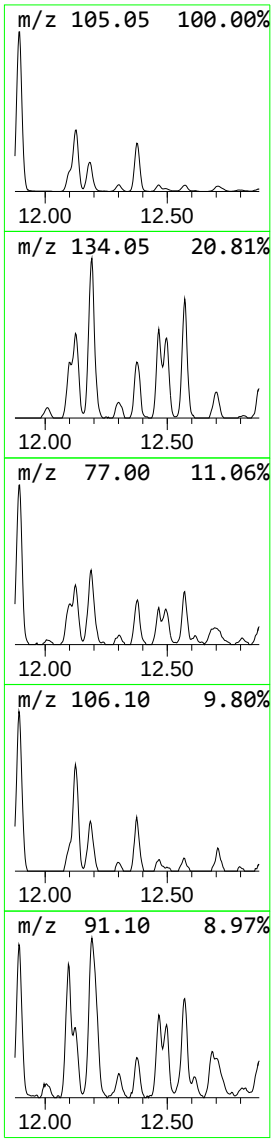
****

Peak Number 61 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	82.19 ug/L	103222	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	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

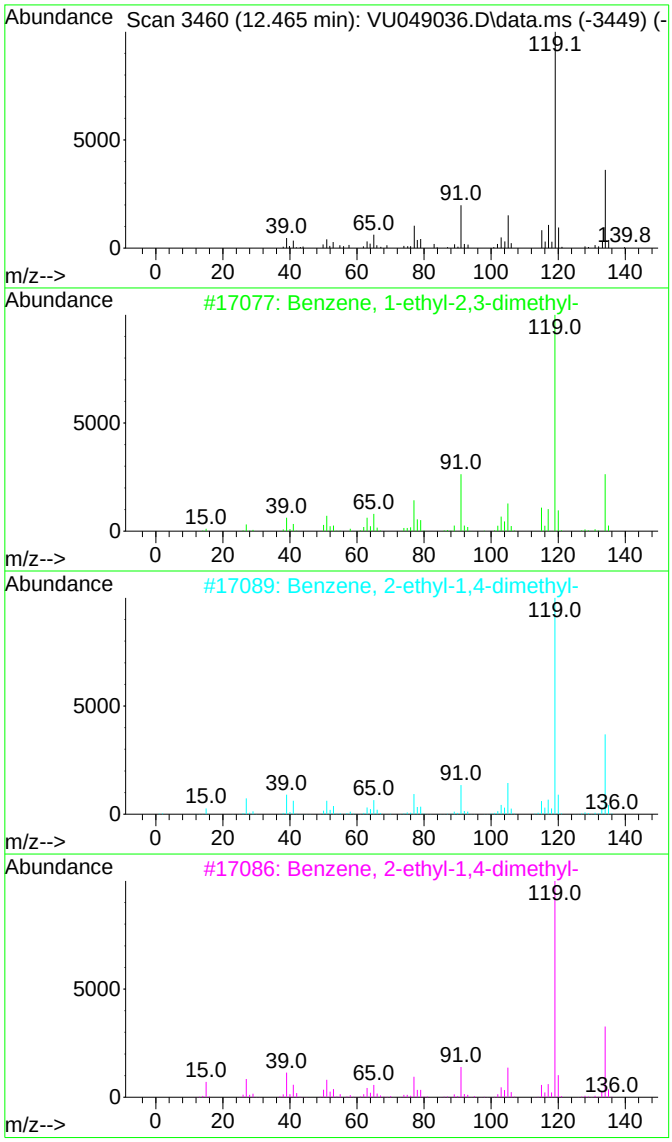
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

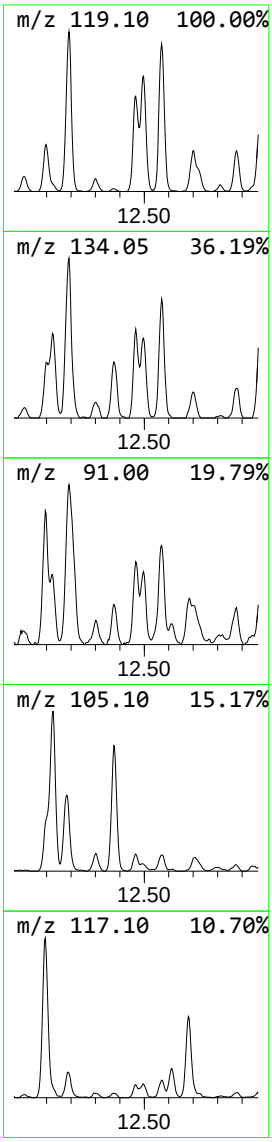
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	97.29 ug/L	122188	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

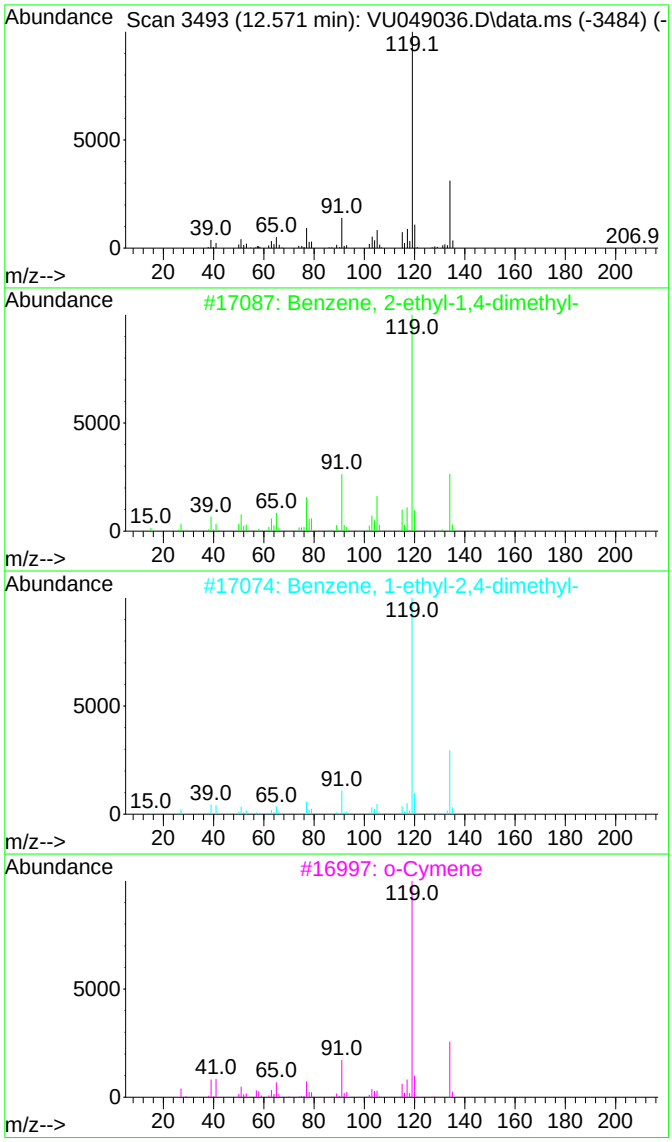
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

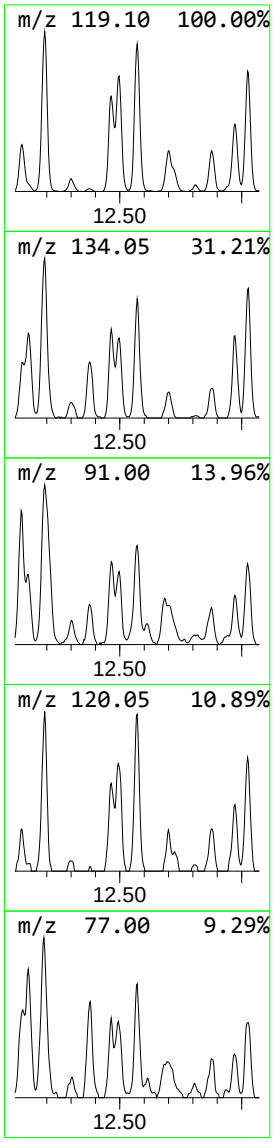
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	131.05 ug/L	164589	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

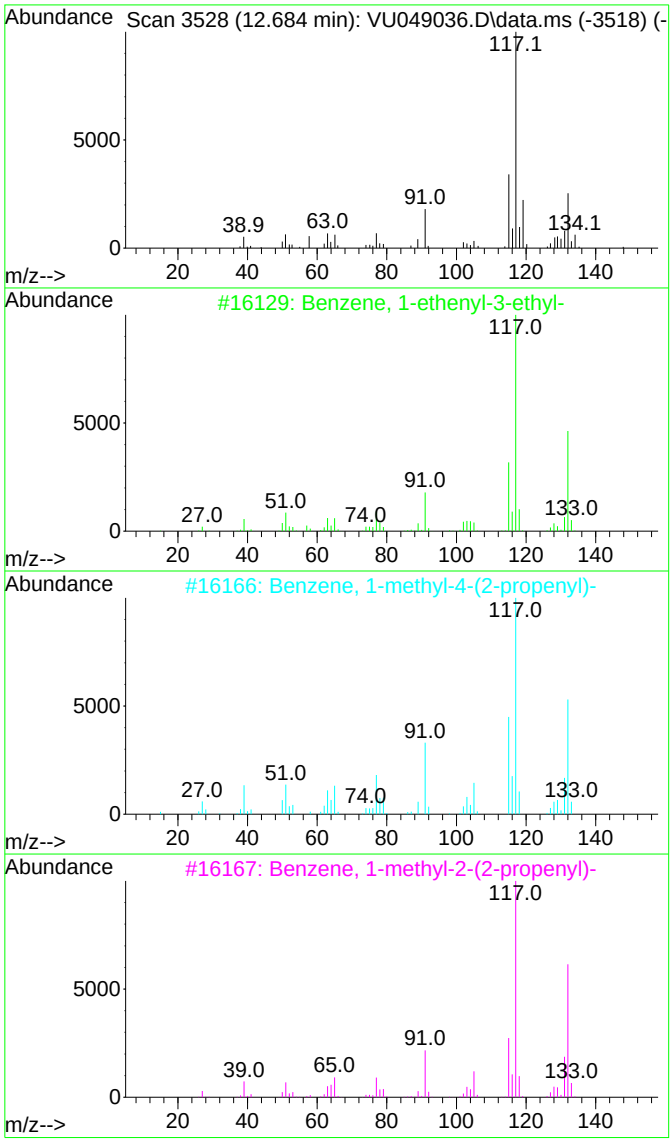
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

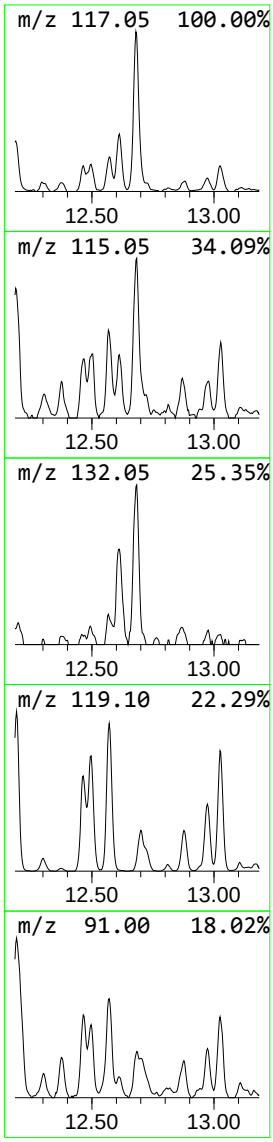
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	123.87 ug/L	155563	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	76
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
4	Indan, 1-methyl-	132	C10H12	000767-58-8	74
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

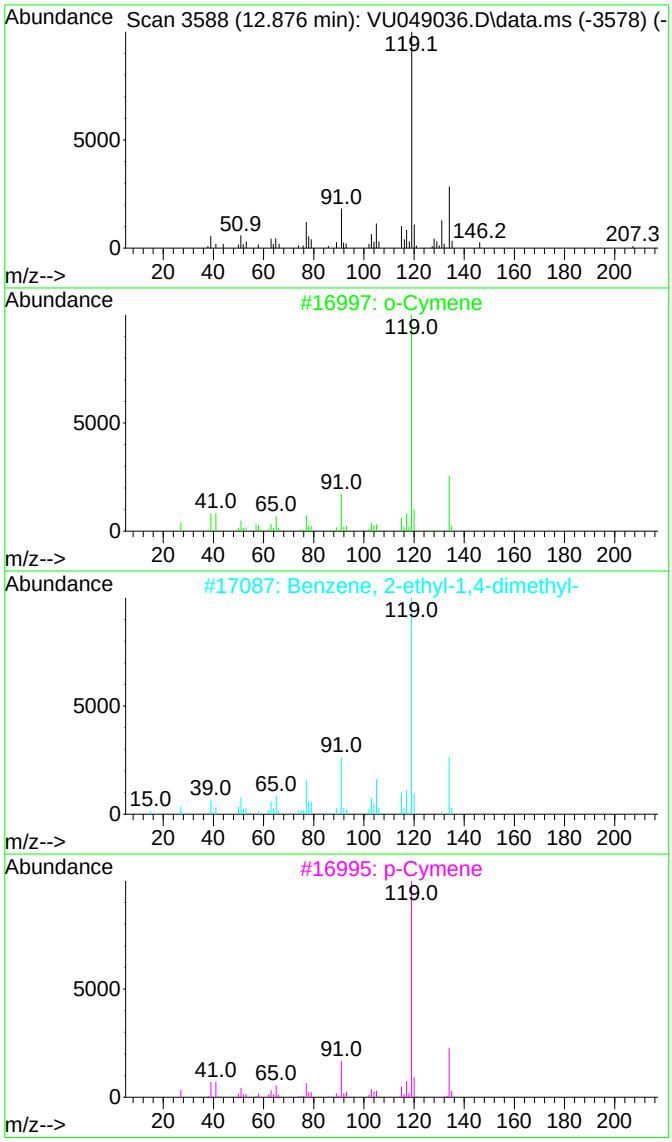
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

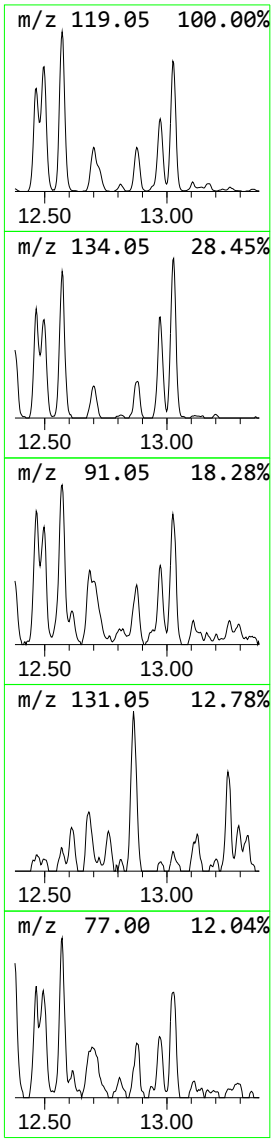
****

Peak Number 65 o-Cymene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	53.45 ug/L	67124	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

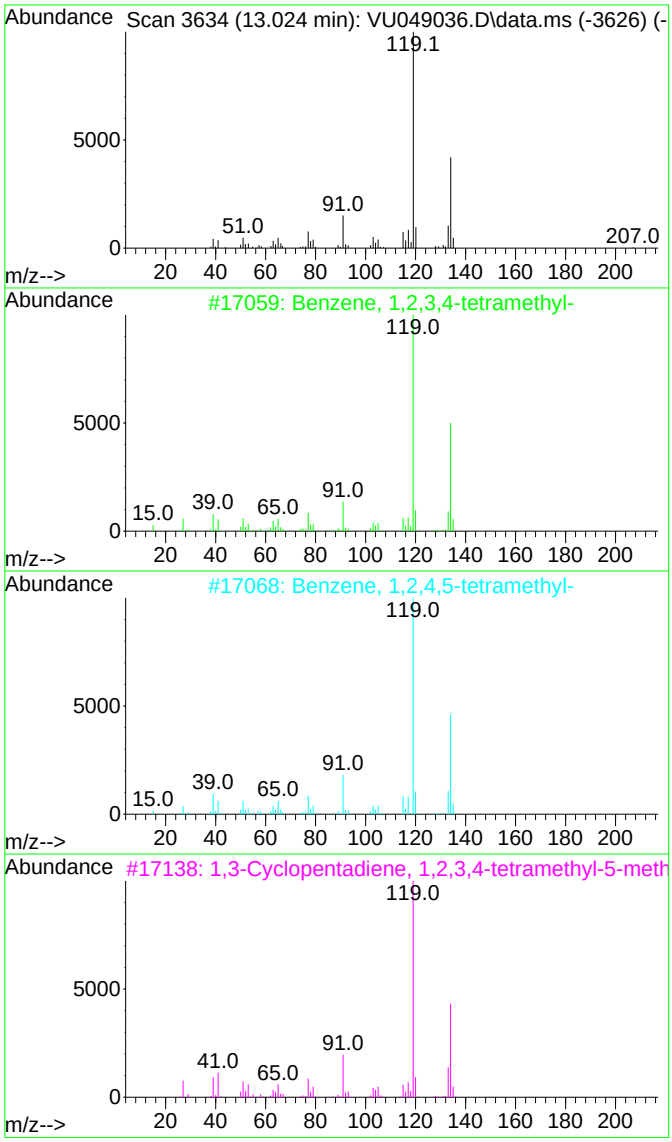
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

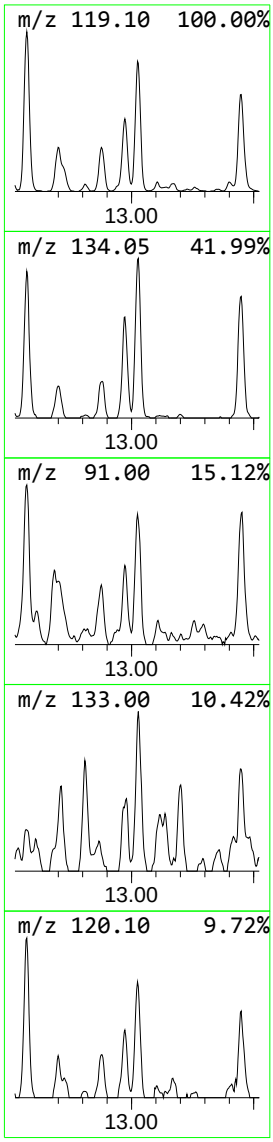
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	117.78 ug/L	147922	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	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

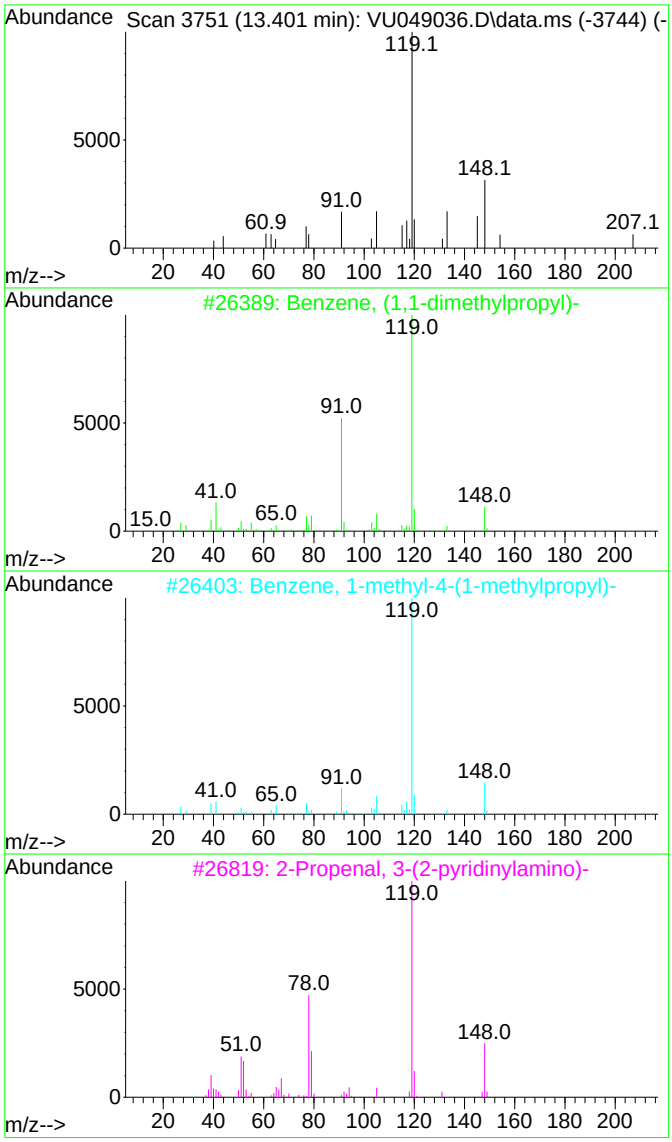
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

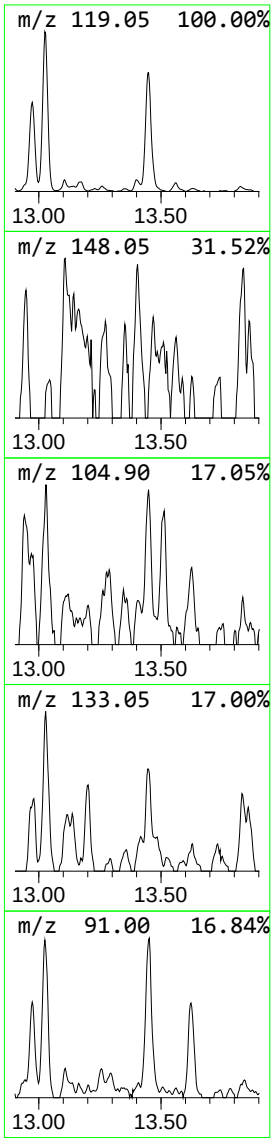
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (1,1-dimethylpropyl)- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.401	5.12 ug/L	6430	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
3	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	59
4	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	53
5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

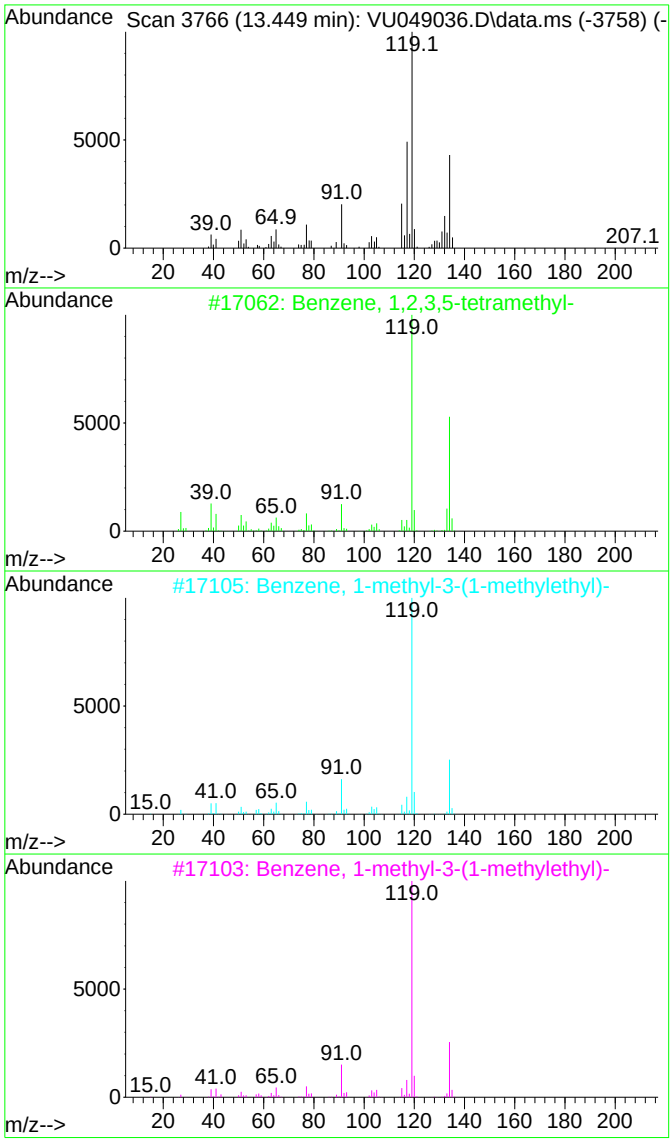
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

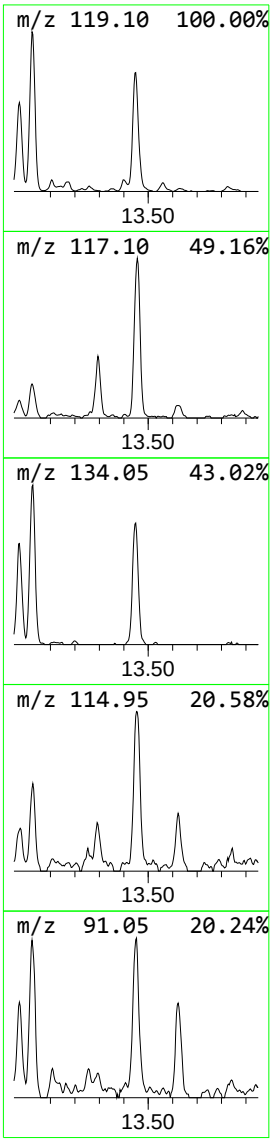
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	137.81 ug/L	173076	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

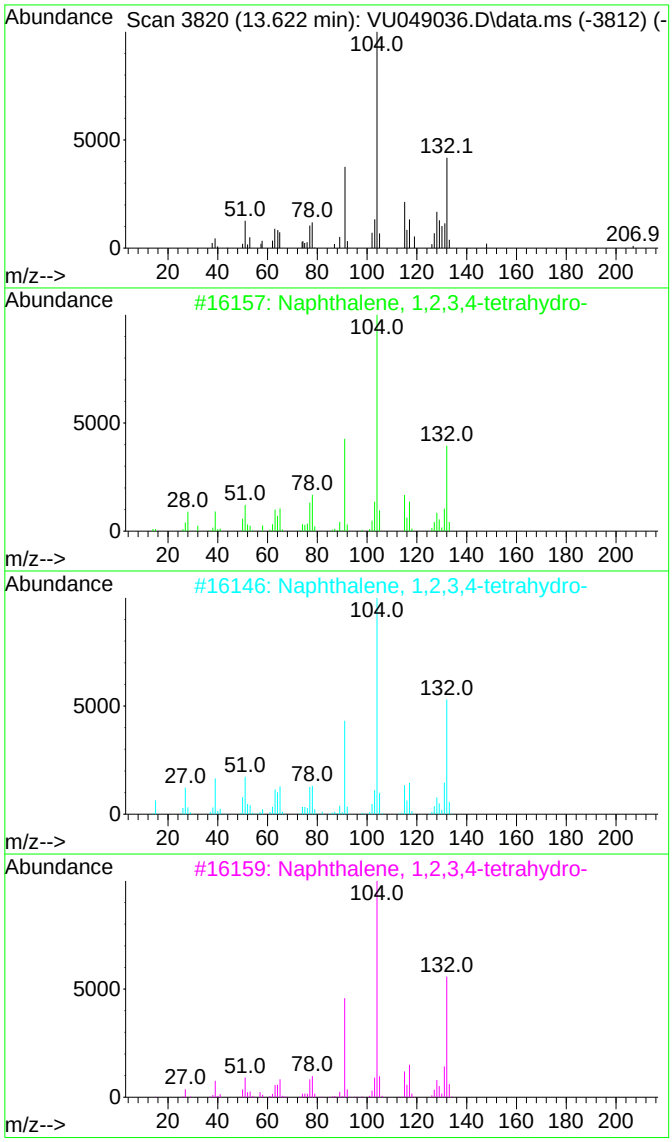
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

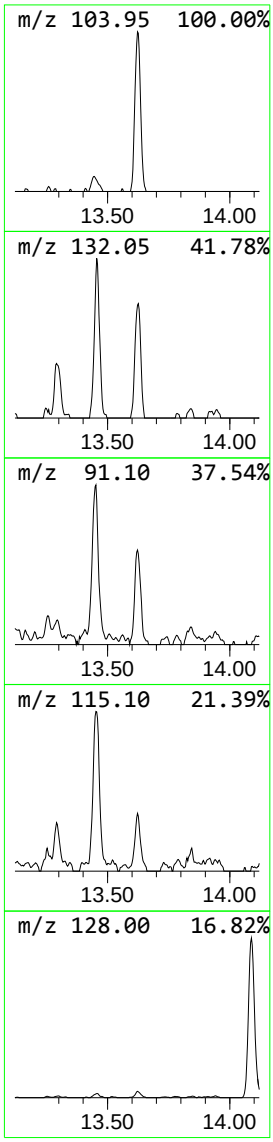
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	48.70 ug/L	61165	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	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

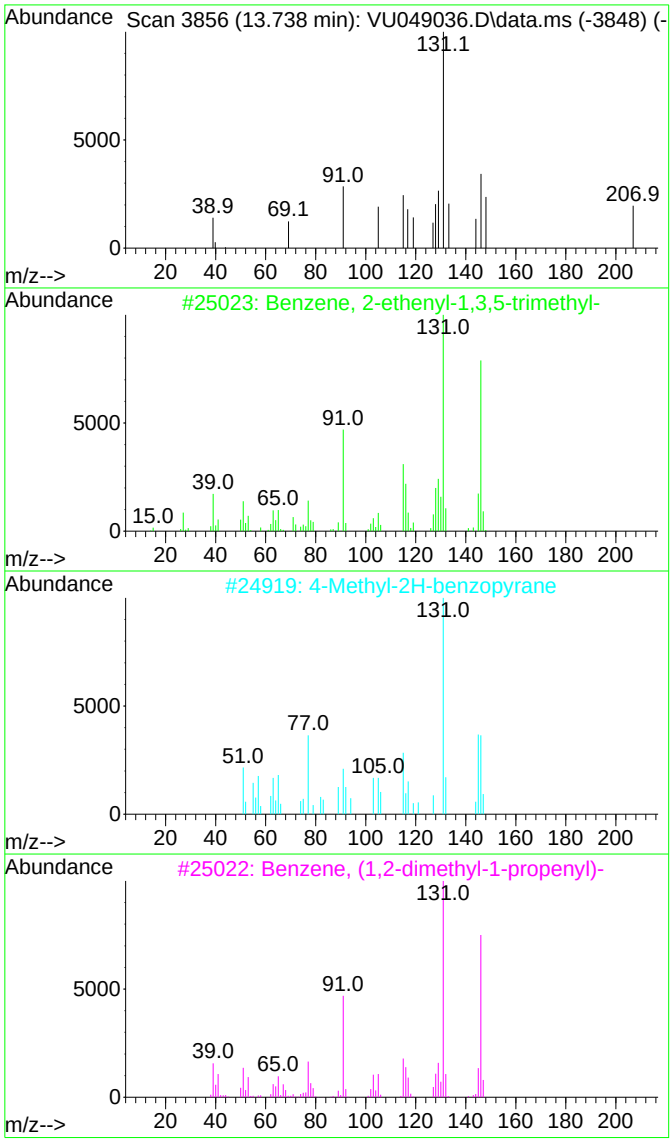
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

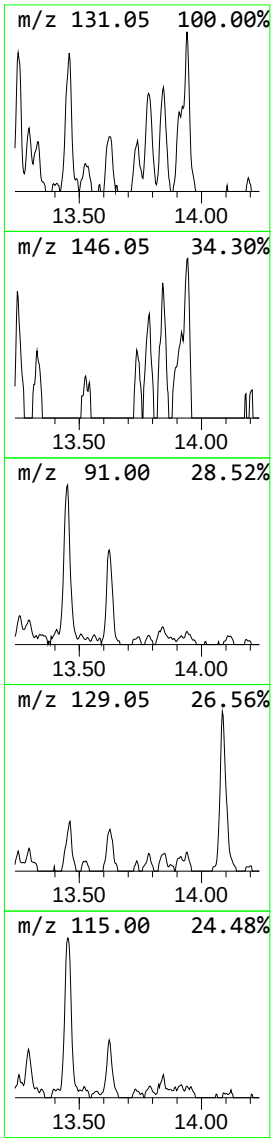
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	4.35 ug/L	5466	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
2	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	35
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	25
5	N1-(2-nitrophenyl)-1,3-propanedi...	195	C9H13N3O2	145315-42-0	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

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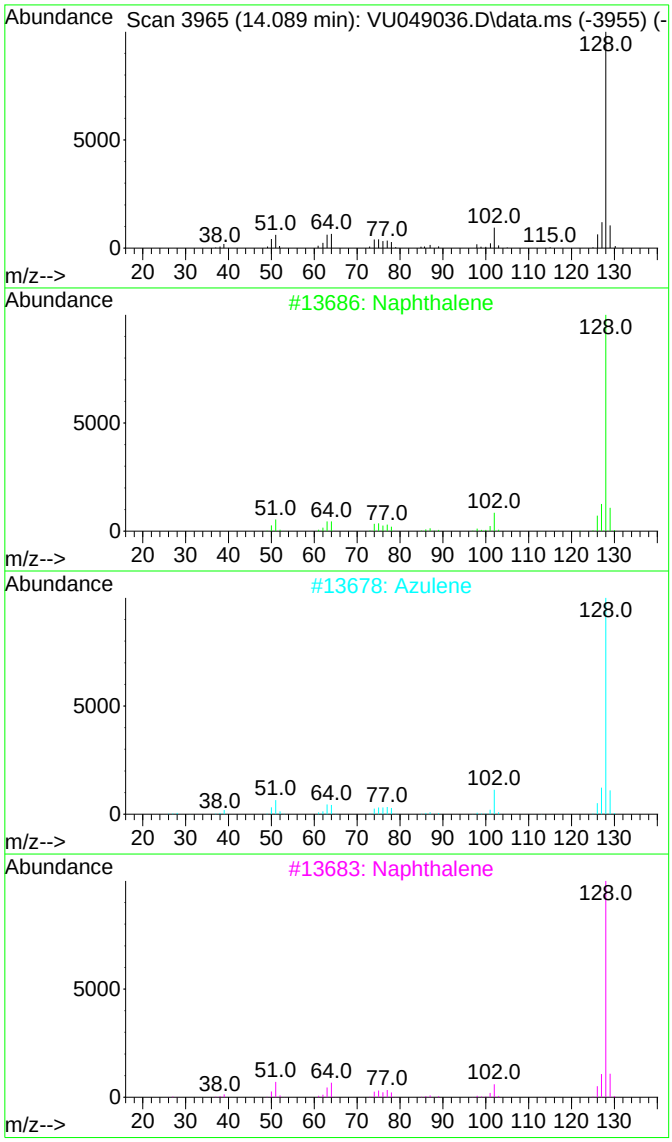
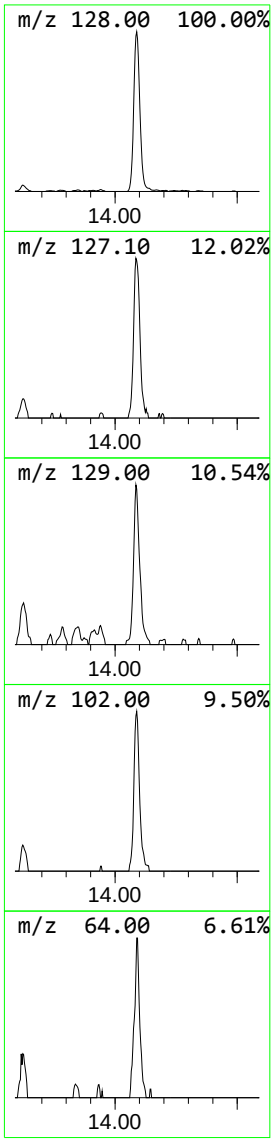
Peak Number 72 Azulene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	105.02 ug/L	131897	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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

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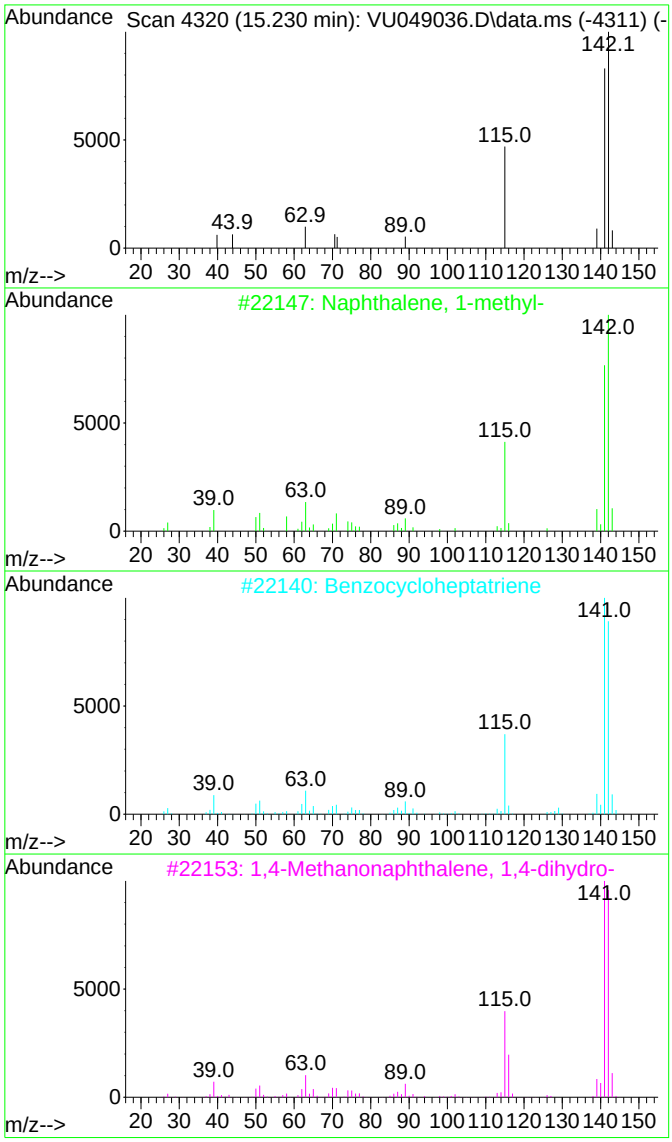
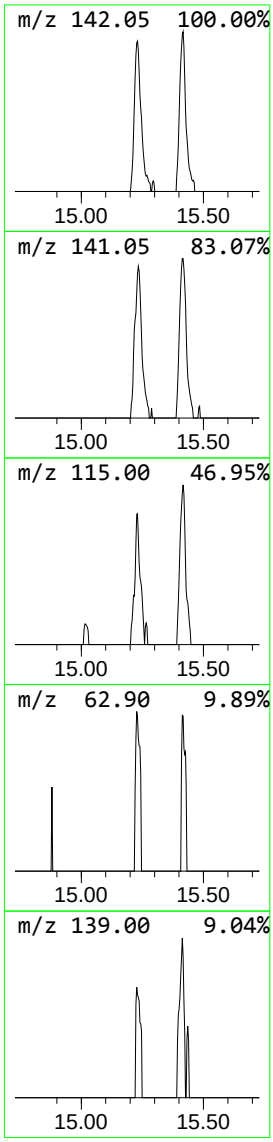
Peak Number 73 Naphthalene, 1-methyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.230	8.96 ug/L	11257	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
2	Benzocycloheptatriene	142	C11H10	000264-09-5	86
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049036.D
Acq On : 11 Jun 2022 07:10
Operator : SY/MD
Sample : N3248-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY5

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
unknown-01	8.099	350.0	ug/L	1253	2	9.426	179	50.0
Cyclohexane, 1,...	8.243	3387.2	ug/L	12126	2	9.426	179	50.0
Cycloheptane, m...	8.812	1297.2	ug/L	4644	2	9.426	179	50.0
Cyclohexane, et...	8.864	5267.3	ug/L	18857	2	9.426	179	50.0
4-Methyl-1,3-pe...	9.513	2329.1	ug/L	8338	2	9.426	179	50.0
unknown-02	9.893	1122.1	ug/L	4017	2	9.426	179	50.0
cis-1-Ethyl-3-m...	10.034	1702.2	ug/L	6094	2	9.426	179	50.0
unknown-04	10.365	2481.0	ug/L	8882	2	9.426	179	50.0
Bicyclo[3.2.1]o...	10.700	9.2	ug/L	11555	3	11.812	62795	50.0
unknown-05	10.816	4.6	ug/L	5827	3	11.812	62795	50.0
Benzene, propyl-	10.906	67.7	ug/L	84984	3	11.812	62795	50.0
Benzene, 1-ethy...	10.999	41.9	ug/L	52577	3	11.812	62795	50.0
Benzene, 1-ethy...	11.291	425.3	ug/L	534185	3	11.812	62795	50.0
Benzene, (2-met...	11.610	10.0	ug/L	12576	3	11.812	62795	50.0
p-Cymene	11.745	67.0	ug/L	84188	3	11.812	62795	50.0
Benzene, 1,2,3-...	11.893	343.4	ug/L	431237	3	11.812	62795	50.0
Benzene, 1-ethe...	12.095	215.7	ug/L	270903	3	11.812	62795	50.0
Benzene, 1,2-di...	12.301	25.1	ug/L	31549	3	11.812	62795	50.0
Benzene, 1-meth...	12.375	82.2	ug/L	103222	3	11.812	62795	50.0
Benzene, 1-ethy...	12.465	97.3	ug/L	122188	3	11.812	62795	50.0
Benzene, 2-ethy...	12.571	131.1	ug/L	164589	3	11.812	62795	50.0
Benzene, 1-ethe...	12.684	123.9	ug/L	155563	3	11.812	62795	50.0
o-Cymene	12.877	53.5	ug/L	67124	3	11.812	62795	50.0
Benzene, 1,2,3,...	13.024	117.8	ug/L	147922	3	11.812	62795	50.0
Benzene, (1,1-d...	13.401	5.1	ug/L	6430	3	11.812	62795	50.0
Benzene, 1,2,3,...	13.449	137.8	ug/L	173076	3	11.812	62795	50.0
Naphthalene, 1,...	13.622	48.7	ug/L	61165	3	11.812	62795	50.0
Benzene, 2-ethe...	13.738	4.3	ug/L	5466	3	11.812	62795	50.0
Azulene	14.089	105.0	ug/L	131897	3	11.812	62795	50.0
Naphthalene, 1-...	15.230	9.0	ug/L	11257	3	11.812	62795	50.0