LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N120221W.M
Title : SW846 8260

Signal : TIC: VN070241.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	1146	1159	1193	rVB3	216110	747851	1.52%	0.073%
2	5.581	1306	1339	1370	rBV4	204510	724258	1.47%	0.070%
3	6.090	1500	1529	1557	rBV2	219650	687343	1.39%	0.067%
4	7.026	1857	1878	1898	rBV2	450976	1327423	2.69%	0.129%
5	7.128	1898	1916	1934	rBV2	340806	919709	1.87%	0.089%
6	7.764	2136	2153	2166	rVV4	251372	640773	1.30%	0.062%
7	7.831	2167	2178	2197	rVB3	286567	712306	1.44%	0.069%
8	8.062	2223	2264	2287	rBV3	3473343	13513822	27.41%	1.313%
9	8.163	2288	2302	2326	rVB2	2010534	5298114	10.75%	0.515%
10	8.287	2327	2348	2383	rVB	3319168	7767461	15.76%	0.755%
11	8.432	2384	2402	2432	rBV	1098691	3012459	6.11%	0.293%
12	8.609	2432	2468	2492	rBV	10373931	30330113	61.53%	2.948%
13	8.818	2524	2546	2576	rVB3	2666511	6375817	12.93%	0.620%
14	8.960	2577	2599	2626	rBV3	5718024	15736251	31.92%	1.529%
15	9.118	2647	2658	2672	rVB	1112725	2090978	4.24%	0.203%
16	9.193	2672	2686	2696	rBV	1785283	3665613	7.44%	0.356%
17	9.453	2750	2783	2794	rBV2	7109722	18454035	37.44%	1.793%
18	9.504	2794	2802	2819	rVB	4032663	7872241	15.97%	0.765%
19	9.588	2820	2833	2841	rBV	1164599	2279355	4.62%	0.222%
20	9.633	2842	2850	2865	rVB3	1474378	2955139	5.99%	0.287%
21	9.730	2866	2886	2901	rBV4	1813040	4786498	9.71%	0.465%
22	9.877	2926	2941	2964	rBV	12988867	28488766	57.79%	2.769%
23	9.971	2965	2976	2979	rBV3	3424979	4984218	10.11%	0.484%
24	10.011	2980	2991	3004	rVB	16026995	30957426	62.80%	3.009%
25	10.076	3005	3015	3024	rBV	8737435	15300534	31.04%	1.487%
26	10.212	3045	3066	3092	rBV2	10323205	25186130	51.09%	2.448%
27	10.314	3093	3104	3111	rBV6	1510654	2864901	5.81%	0.278%
28	10.365	3112	3123	3137	rVB3	10016240	18419651	37.37%	1.790%
29	10.440	3137	3151	3173	rBV3	8471297	20008676	40.59%	1.945%
30	10.548	3174	3191	3202	rBV8	2404682	7777174	15.78%	0.756%
31	10.623	3204	3219	3232	rVV4	11996261	25179185	51.08%	2.447%
32	10.682	3233	3241	3250	rVB4	3340166	4982825	10.11%	0.484%
33	10.803	3268	3286	3295	rBV3	3138966	7890381	16.01%	0.767%
34	10.859	3295	3307	3330	rVB6	7948452	23084342	46.83%	2.243%
35	10.961	3335	3345	3358	rVB4	3956331	7419605	15.05%	0.721%
36	11.049	3358	3378	3390	rBV3	3909332	9134522	18.53%	0.888%

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ClientSampleId :
DA-7-4.5

Integration Parameters: RTEINT.P
Integrator: RTE
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Title : SW846 8260

37	11.116	3392	3403	3404	rBV3	2461894	3119348	6.33%	0.303%
38	11.151	3408	3416	3433	rVB	5923553	12668493	25.70%	1.231%
39	11.218	3435	3441	3444	rBV6	1119232	1270921	2.58%	0.124%
40	11.253	3447	3454	3464	rVB4	3698568	5695865	11.55%	0.554%
41	11.454	3521	3529	3537	rBV2	3560353	5150202	10.45%	0.501%
42	11.524	3544	3555	3581	rVB3	21073549	49295516	100.00%	4.791%
43	11.626	3582	3593	3614	rBV	16391912	29480752	59.80%	2.865%
44	11.744	3626	3637	3651	rBV5	10441155	18050439	36.62%	1.754%
45	11.843	3665	3674	3694	rVB	21162391	36930881	74.92%	3.589%
46	11.958	3711	3717	3738	rVB6	11900324	28184875	57.18%	2.739%
47	12.071	3752	3759	3772	rVB3	3163235	4746992	9.63%	0.461%
48	12.248	3816	3825	3840	rBV6	5585494	10225814	20.74%	0.994%
49	12.578	3939	3948	3958	rBV	15211063	24741645	50.19%	2.405%
50	12.766	4013	4018	4027	rVB	9505203	12140130	24.63%	1.180%
51	12.817	4030	4037	4049	rVB5	4548464	7354403	14.92%	0.715%
52	12.919	4065	4075	4096	rVB	17733502	31457845	63.81%	3.057%
53	13.047	4116	4123	4139	rVB5	11023887	20292711	41.17%	1.972%
54	13.219	4182	4187	4204	rVB	5964896	10055966	20.40%	0.977%
55	13.672	4349	4356	4365	rVB2	5315541	6667657	13.53%	0.648%
56	13.836	4407	4417	4423	rBV	10955143	16833480	34.15%	1.636%
57	13.876	4424	4432	4440	rVV	13220337	19888391	40.35%	1.933%
58	13.997	4469	4477	4488	rVB5	3479622	5479866	11.12%	0.533%
59	14.128	4518	4526	4544	rVB	5215912	9239317	18.74%	0.898%
60	14.214	4546	4558	4571	rVV2	29136120	48032566	97.44%	4.668%
61	14.278	4575	4582	4588	rVV	3307767	5102046	10.35%	0.496%
62	14.324	4589	4599	4613	rVB3	15166949	25967154	52.68%	2.524%
63	14.538	4662	4679	4688	rBV	15577380	27067463	54.91%	2.631%
64	14.576	4689	4693	4701	rVV	5029249	5800774	11.77%	0.564%
65	14.619	4702	4709	4718	rVB2	5635287	7314377	14.84%	0.711%
66	14.761	4757	4762	4769	rVB2	2058924	2373793	4.82%	0.231%
67	14.809	4769	4780	4791	rBV3	12196948	21753963	44.13%	2.114%
68	14.925	4805	4823	4836	rBV4	17985266	45951188	93.22%	4.466%
69	14.981	4837	4844	4871	rVB2	5114524	10677262	21.66%	1.038%
70	15.083	4875	4882	4897	rBV2	1485045	2344778	4.76%	0.228%
71	15.193	4913	4923	4951	rVB4	9218750	23501532	47.67%	2.284%
72	15.308	4954	4966	4982	rVB3	6717514	15378822	31.20%	1.495%
73	15.501	5015	5038	5052	rVB	7641073	16589882	33.65%	1.612%
74	15.611	5068	5079	5089	rBV3	2558869	4587083	9.31%	0.446%
75	15.802	5136	5150	5168	rBV	3909694	8700668	17.65%	0.846%
76	16.105	5256	5263	5276	rVB	1569074	2681416	5.44%	0.261%

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Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Title : SW846 8260

77	16.185	5280	5293	5328	rVB4	2363116	7703757	15.63%	0.749%
78	16.614	5439	5453	5485	rVB	7134880	16867517	34.22%	1.639%

Sum of corrected areas: 1028943445

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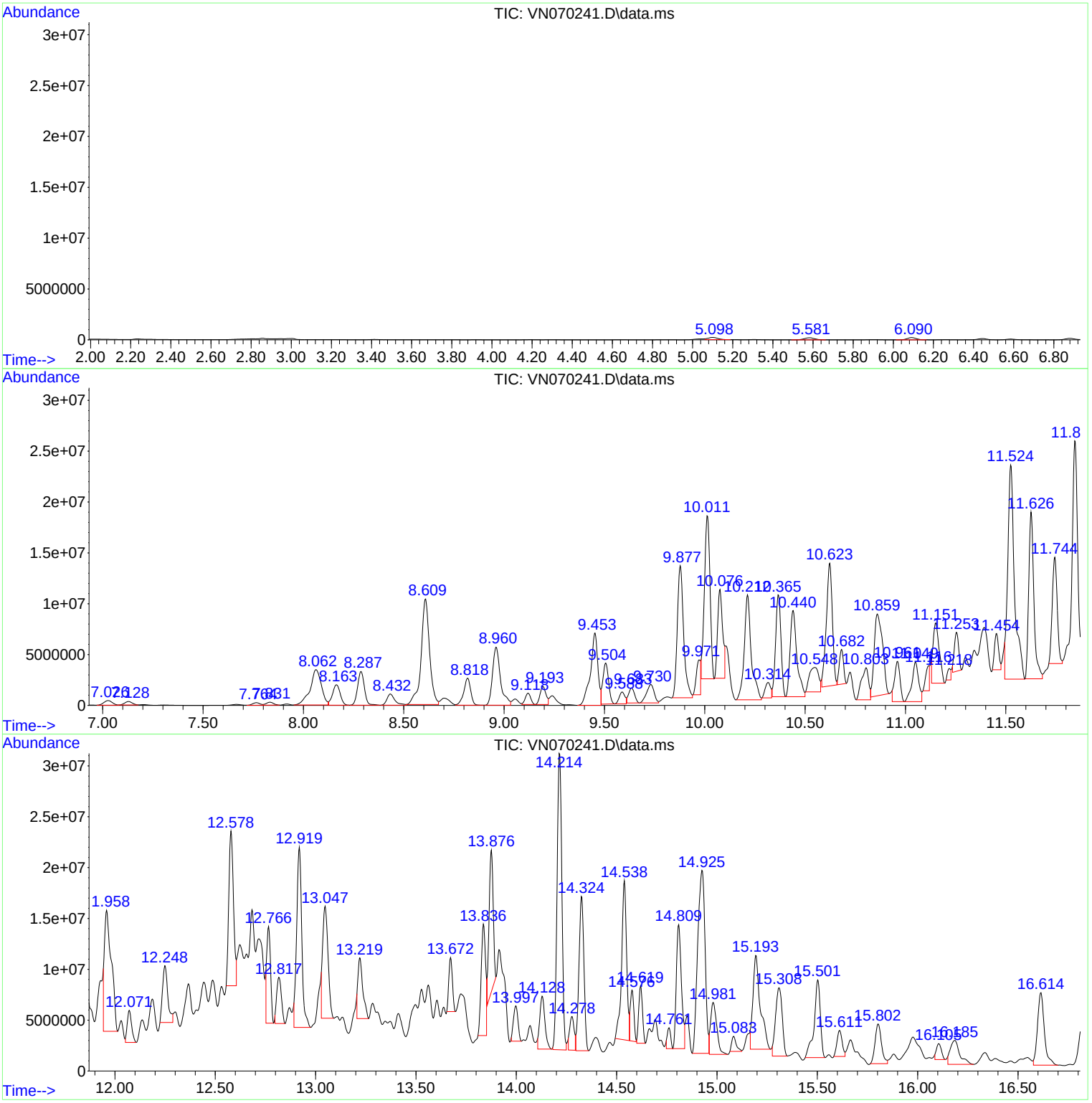
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
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Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

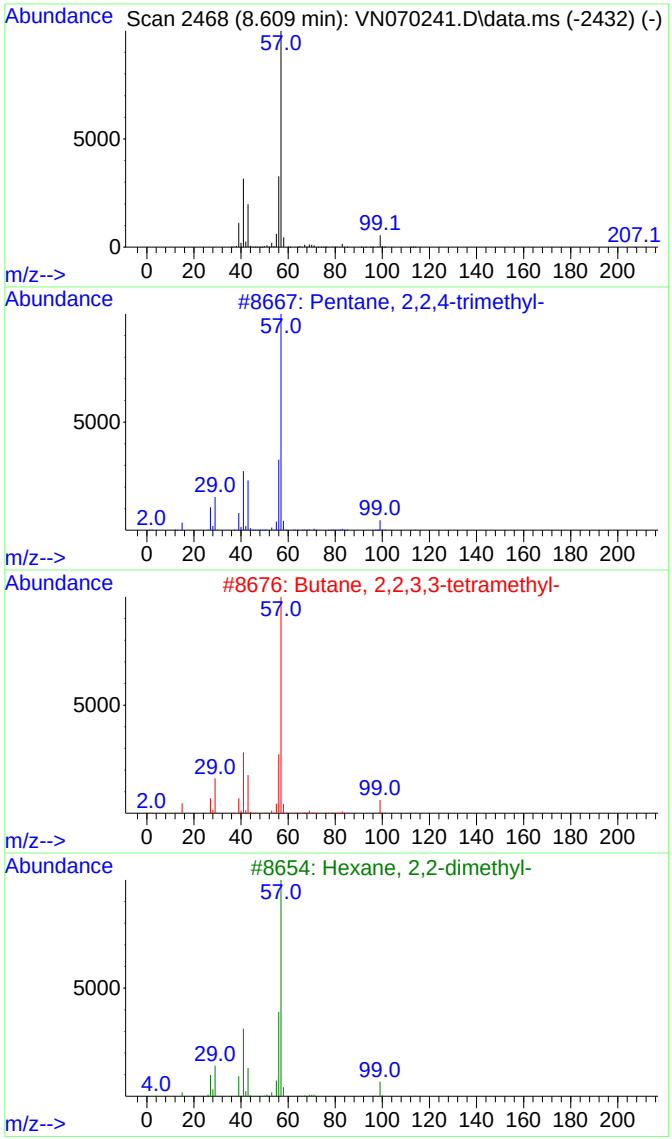
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

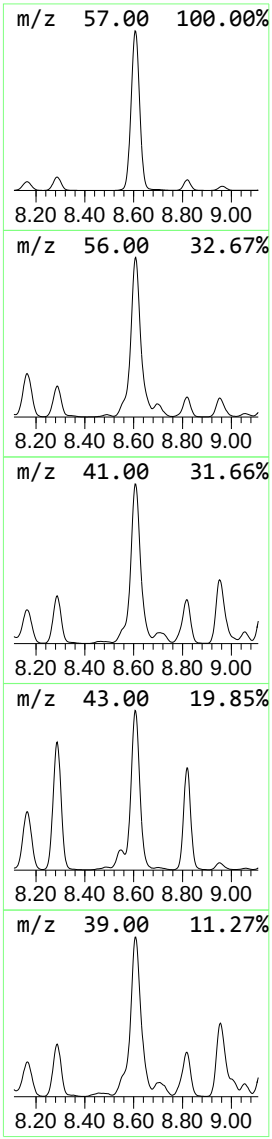
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.609	96.37 ug/l	30330100	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





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Data File : VN070241.D
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Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

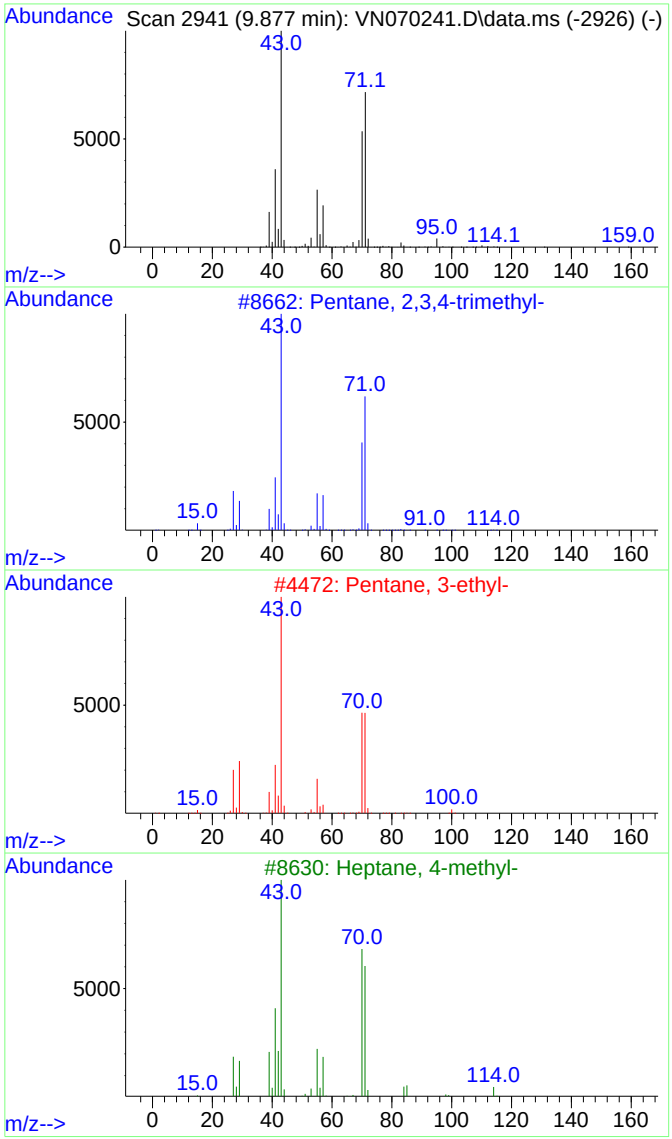
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

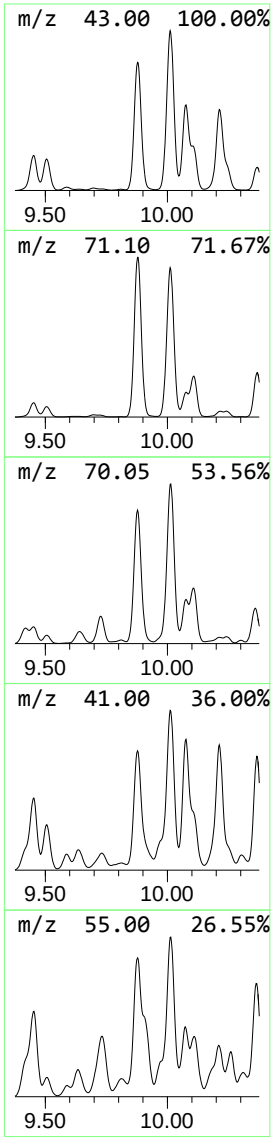
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.877	90.52 ug/l	28488800	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





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Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

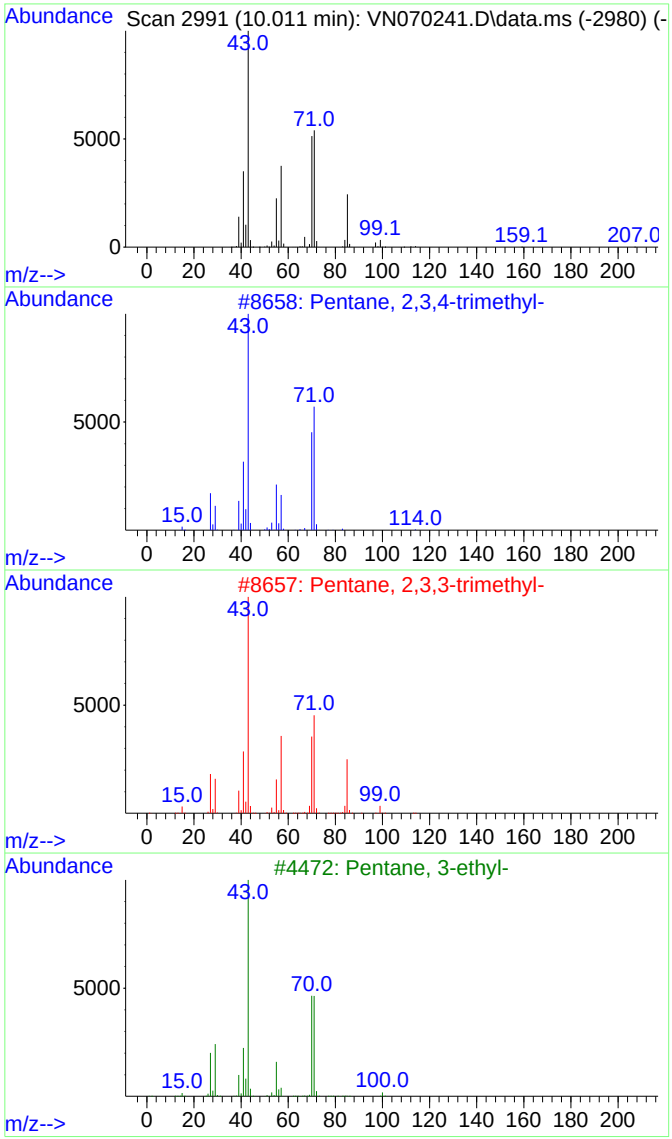
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

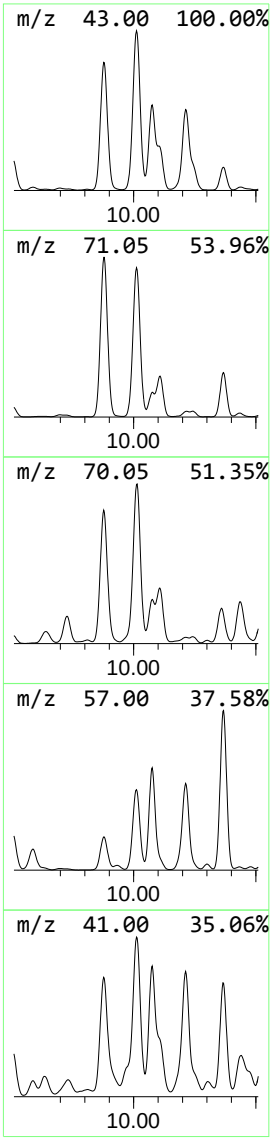
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.011	98.36 ug/l	30957400	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





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Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

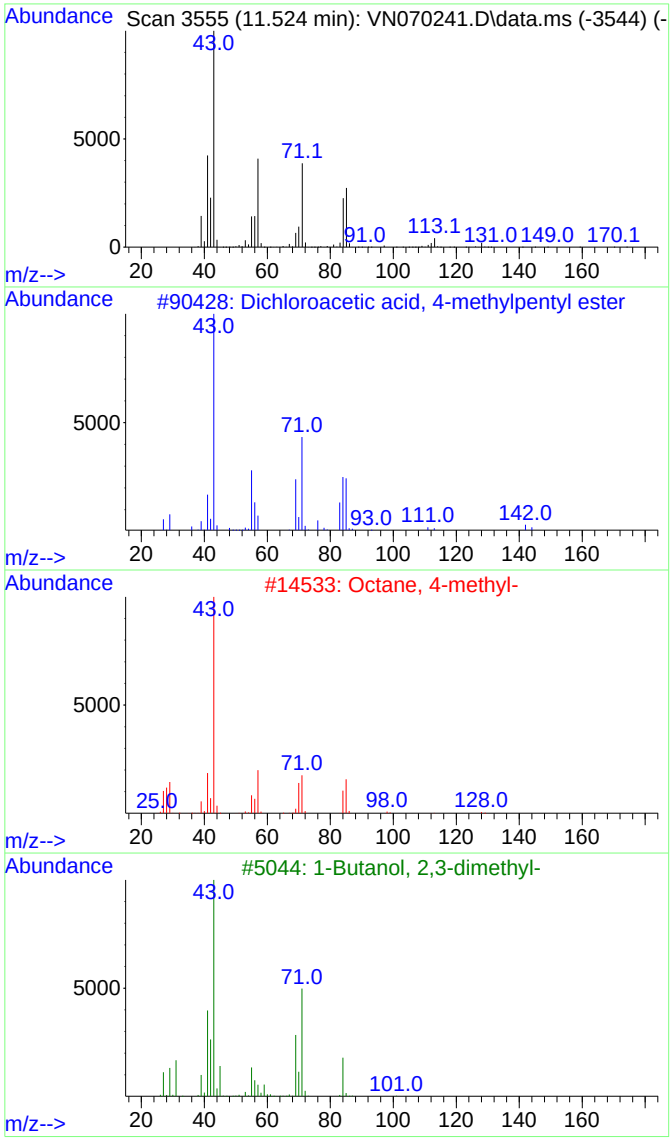
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

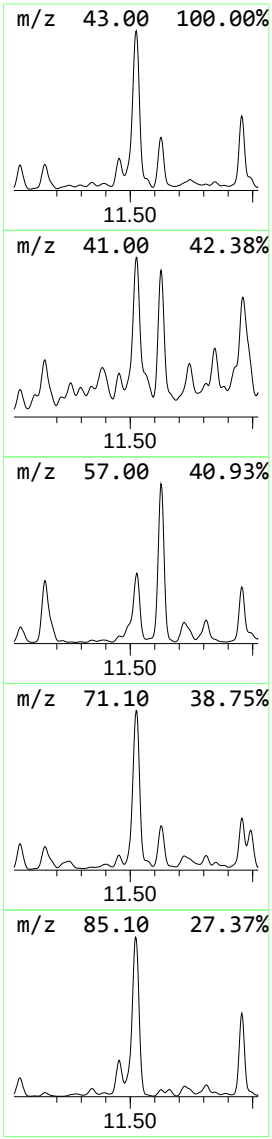
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dichloroacetic acid, 4-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.524	136.55 ug/l	49295500	Chlorobenzene-d5	11.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
2	Octane, 4-methyl-	128	C9H20	002216-34-4	58
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53





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Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

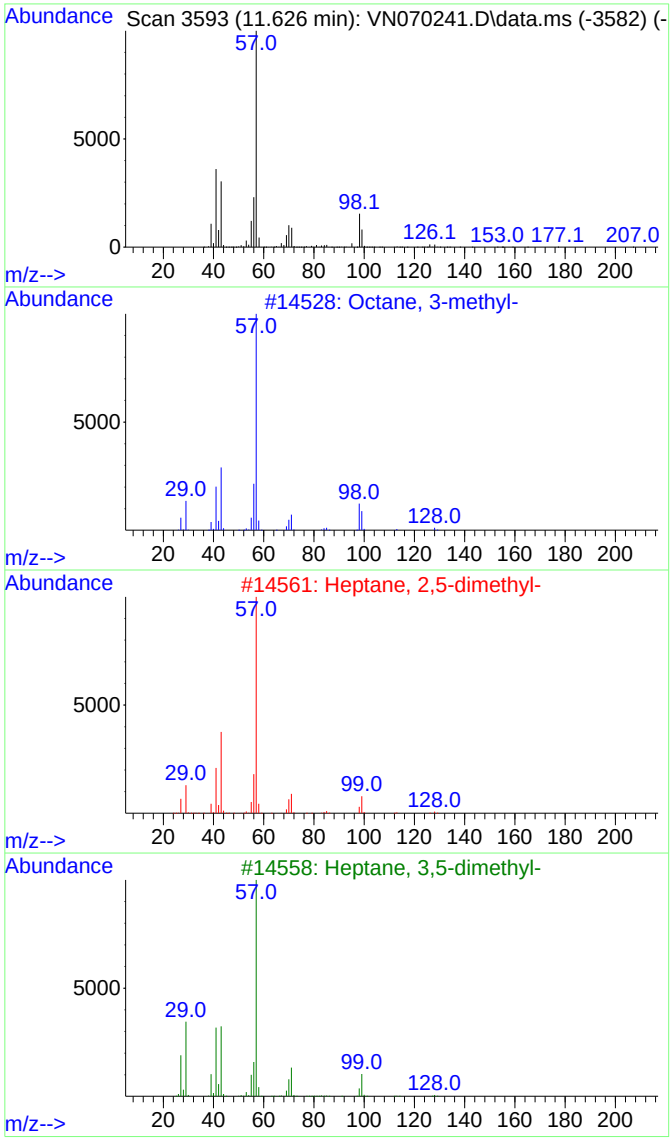
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

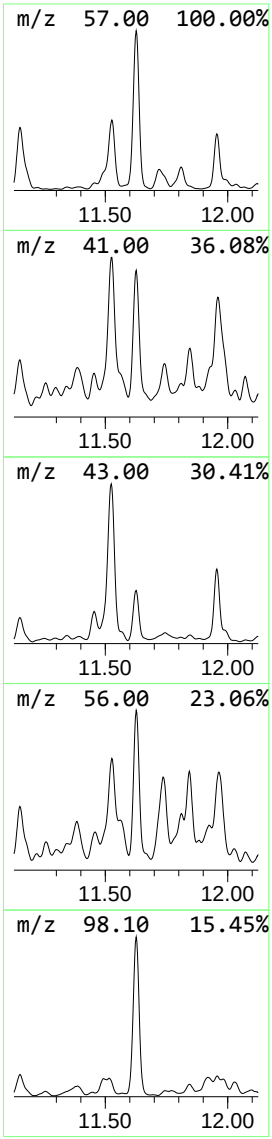
****

Peak Number 5 Octane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.626	81.66 ug/l	29480800	Chlorobenzene-d5	11.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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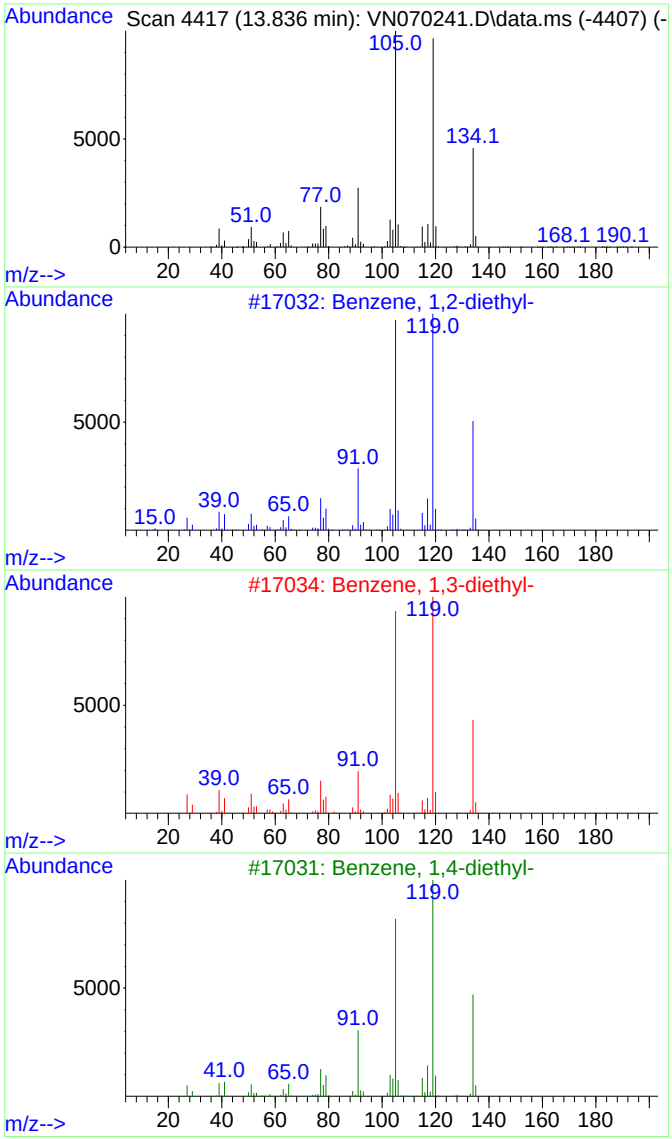
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

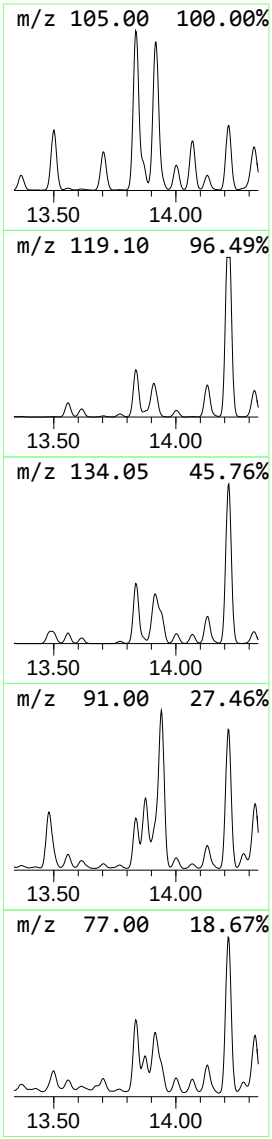
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.836	126.23 ug/l	16833500	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

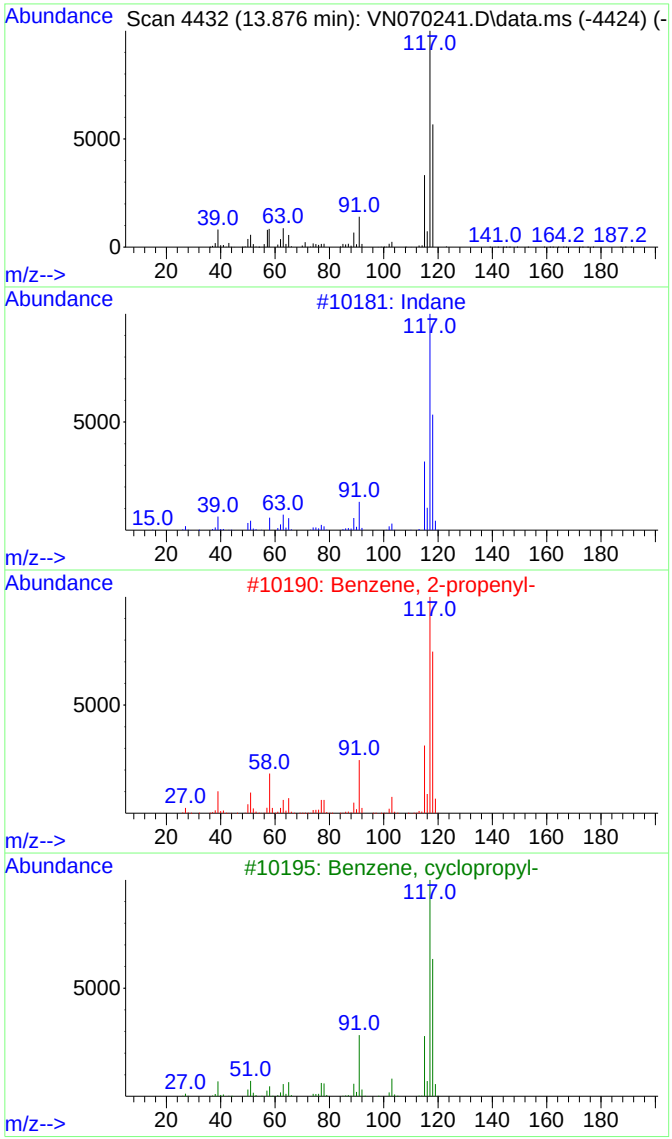
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

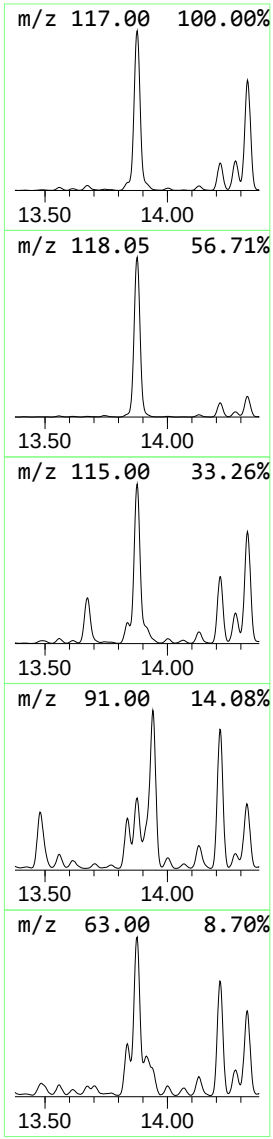
****

Peak Number 7 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	149.14 ug/l	19888400	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

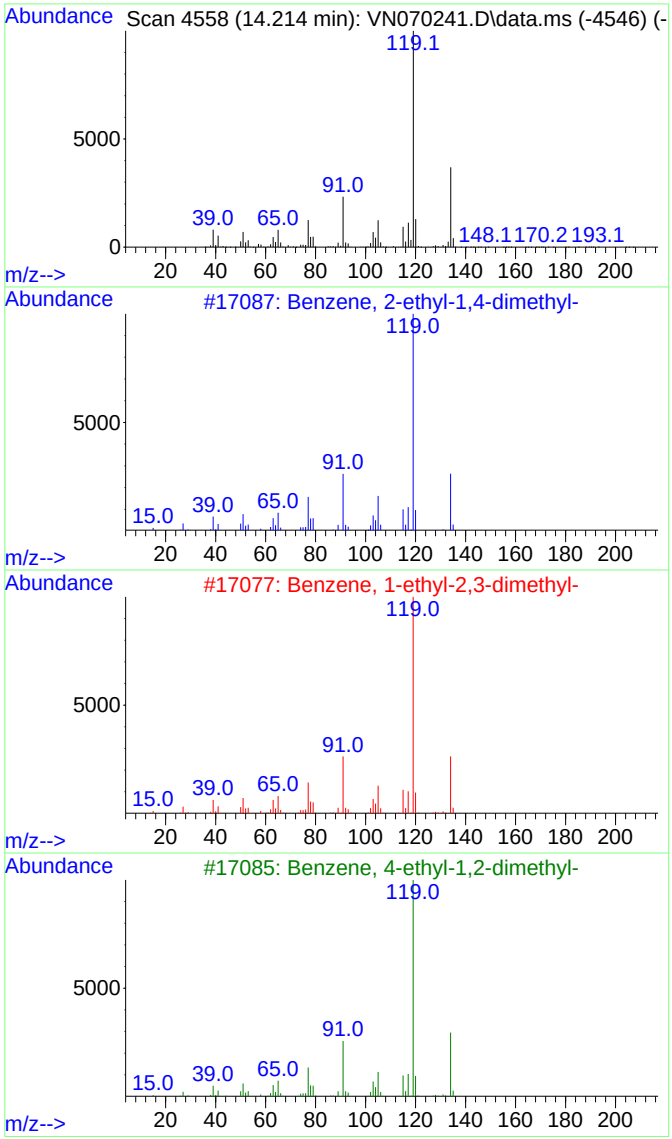
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

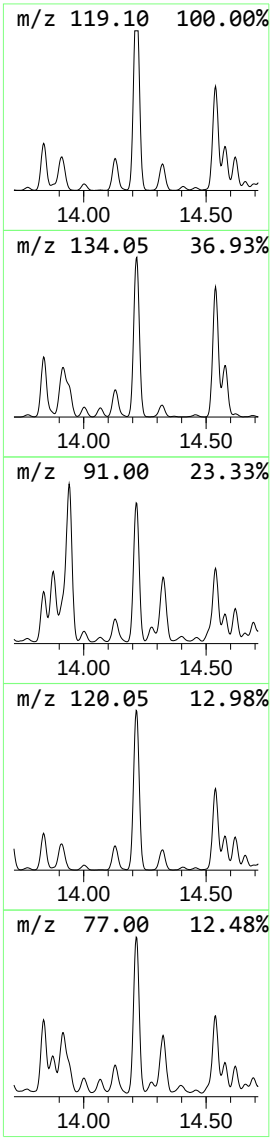
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	360.19 ug/l	48032600	1,4-Dichlorobenzene-d4	13.672

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-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

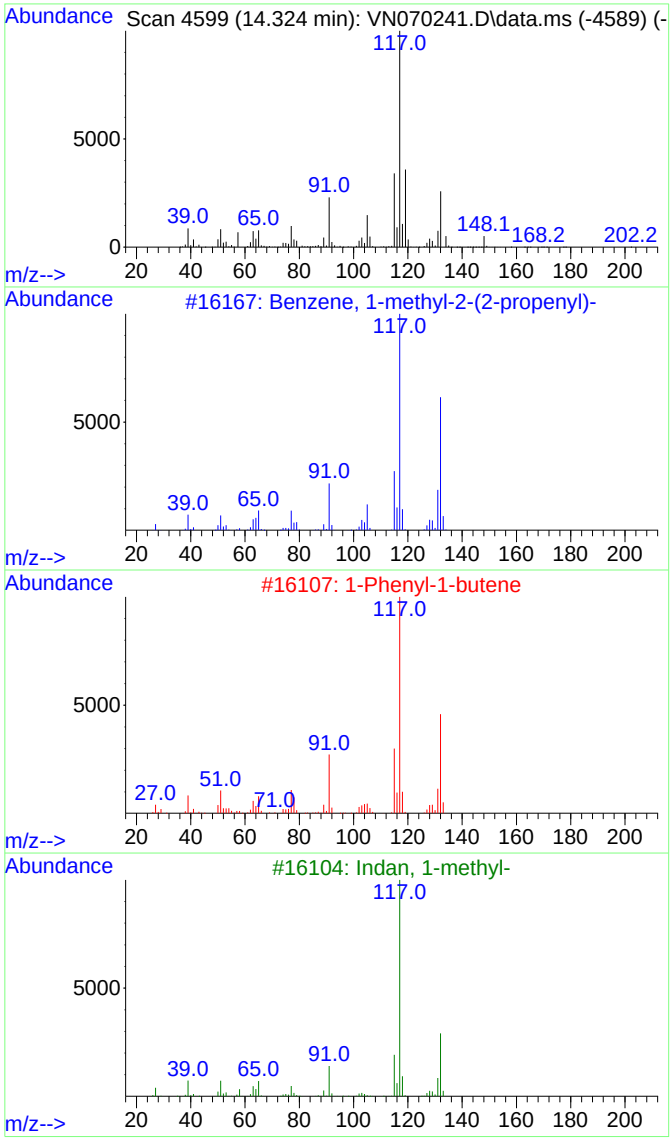
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

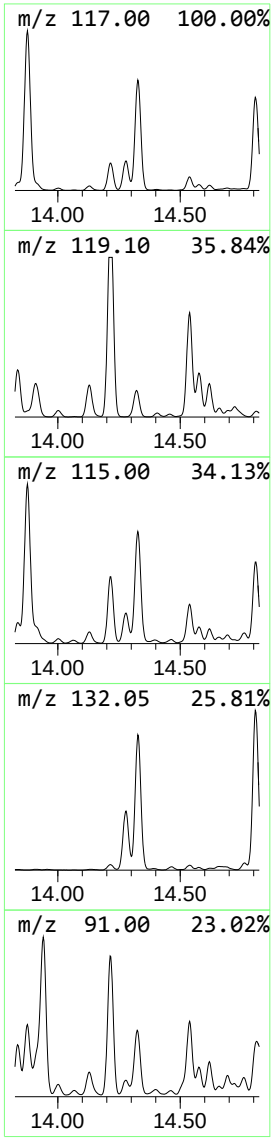
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.324	194.72 ug/l	25967200	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





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Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

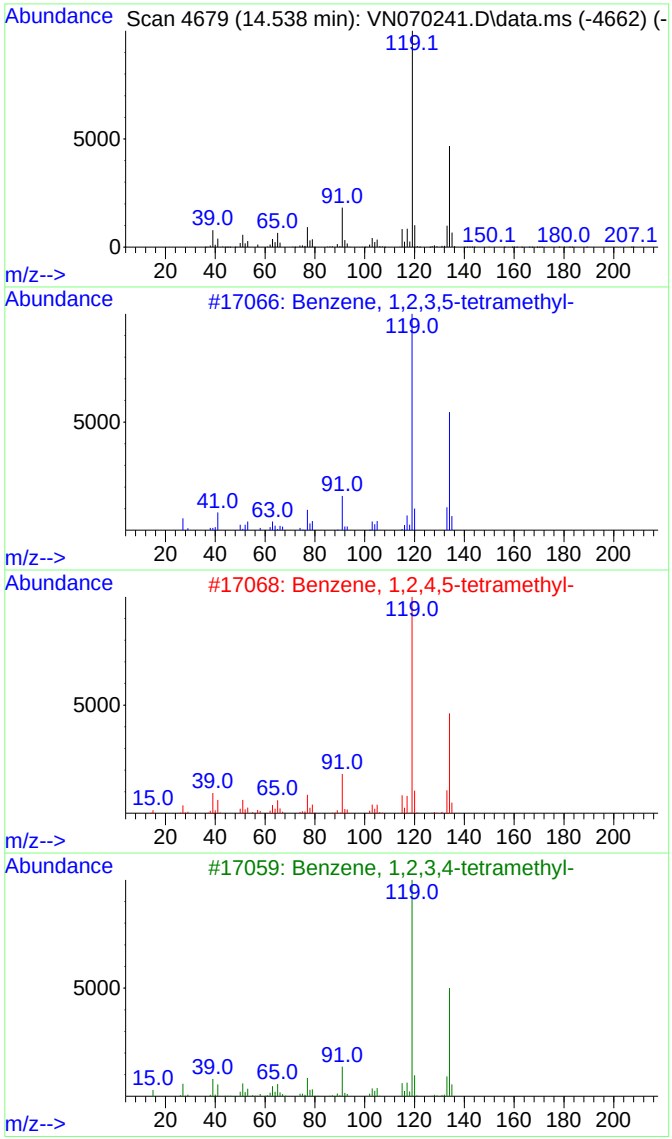
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

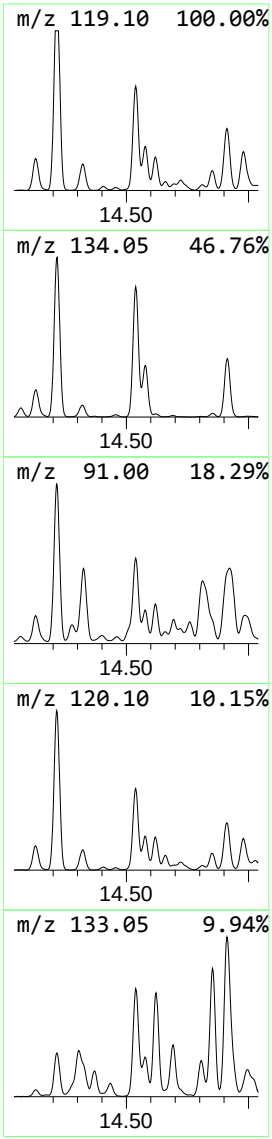
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	202.98 ug/l	27067500	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

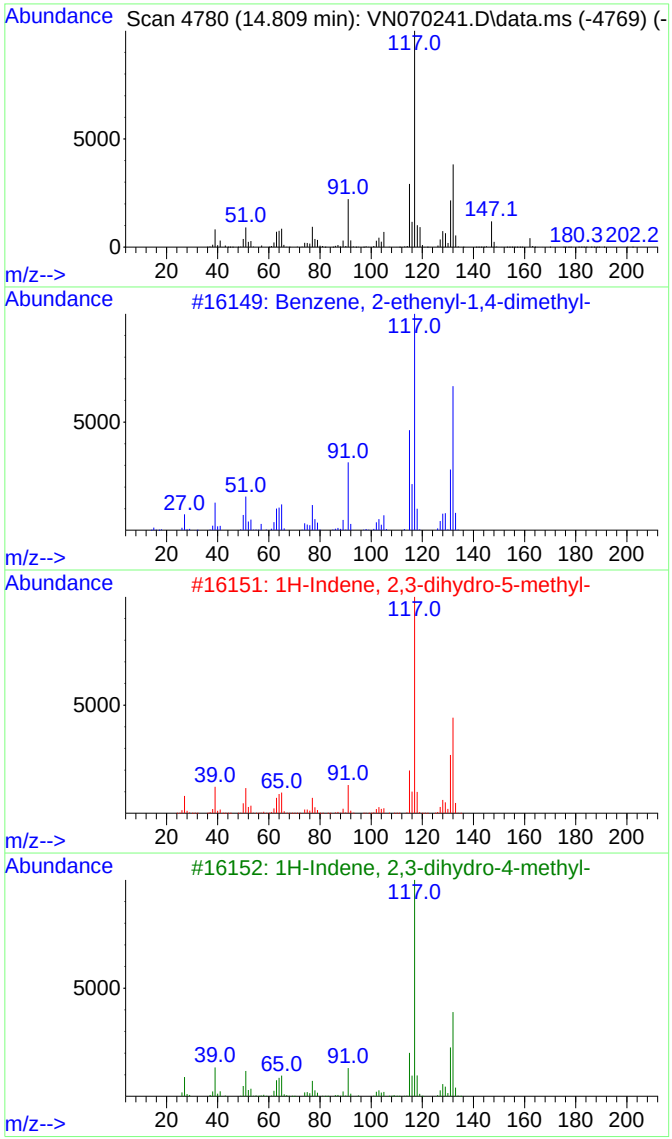
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

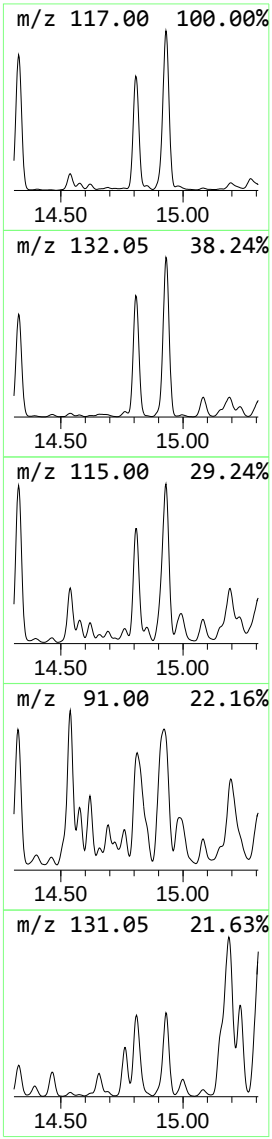
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	163.13 ug/l	21754000	1,4-Dichlorobenzene-d4	13.672

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	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

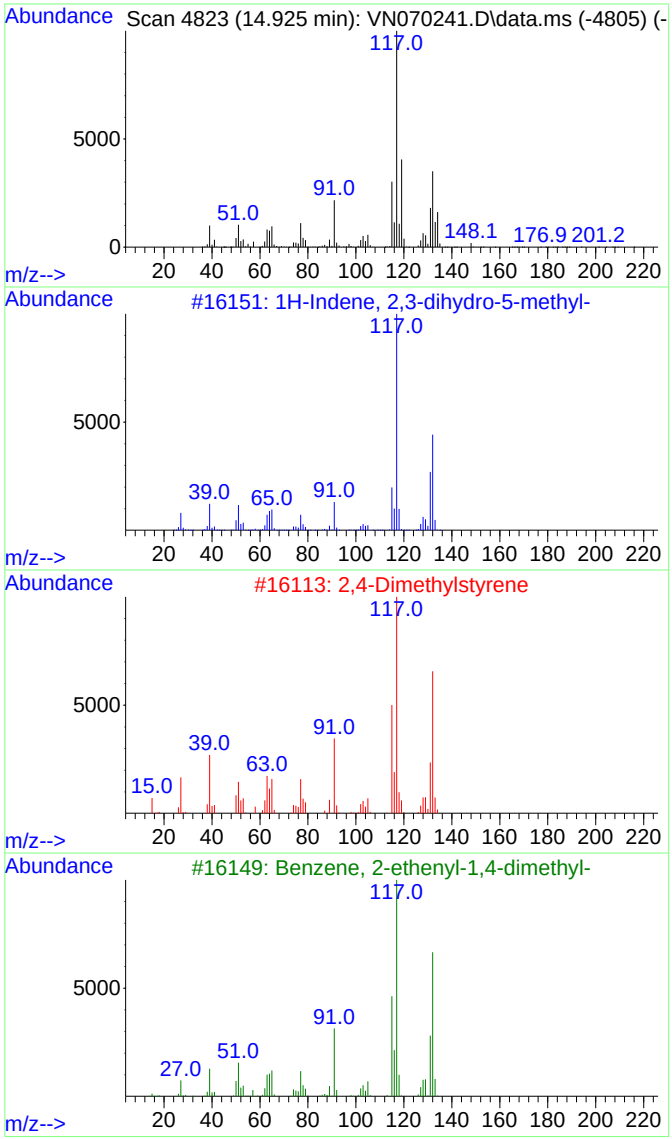
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

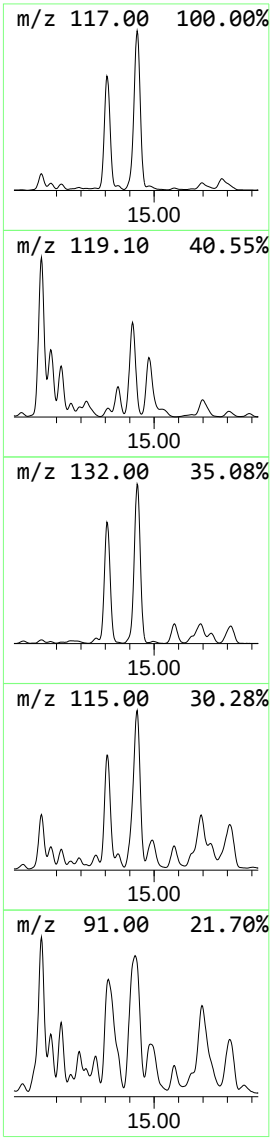
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.925	344.58 ug/l	45951200	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

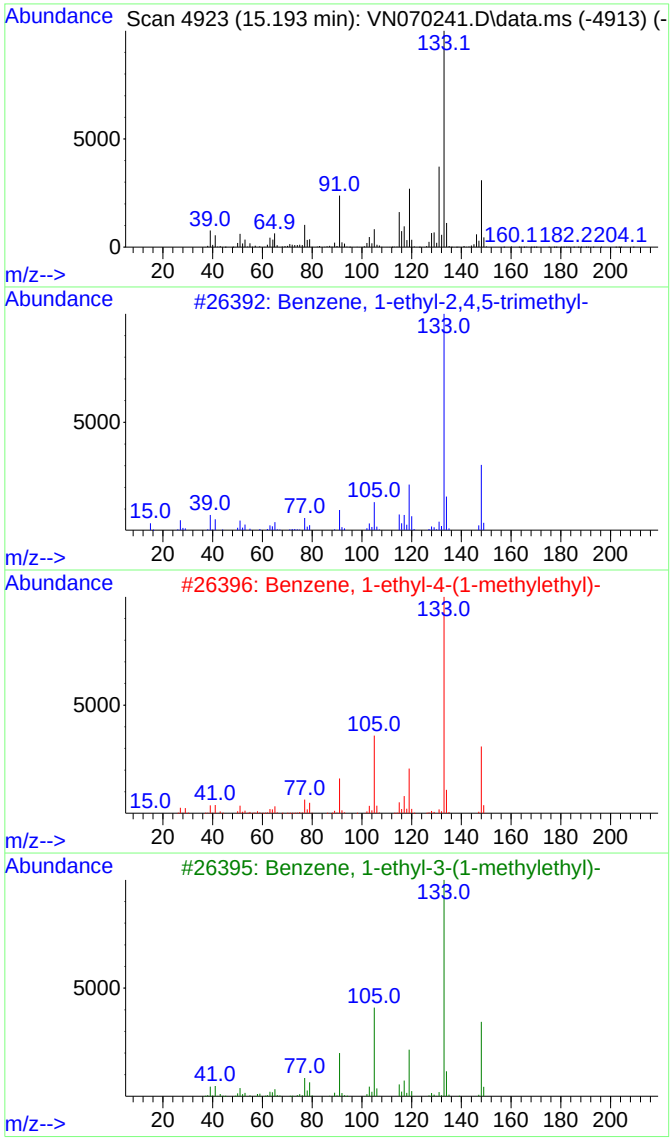
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

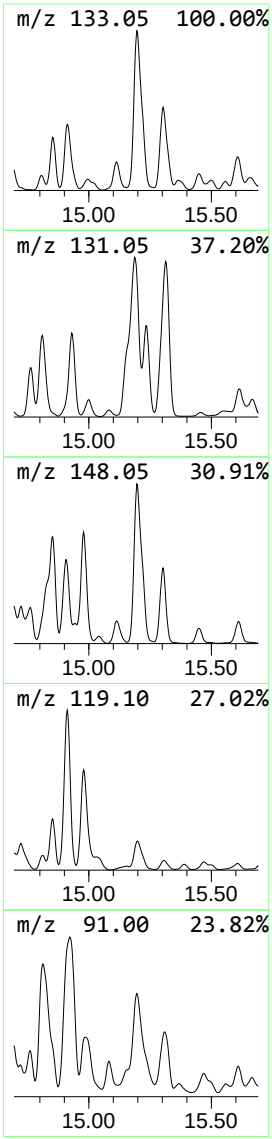
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.193	176.24 ug/l	23501500	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

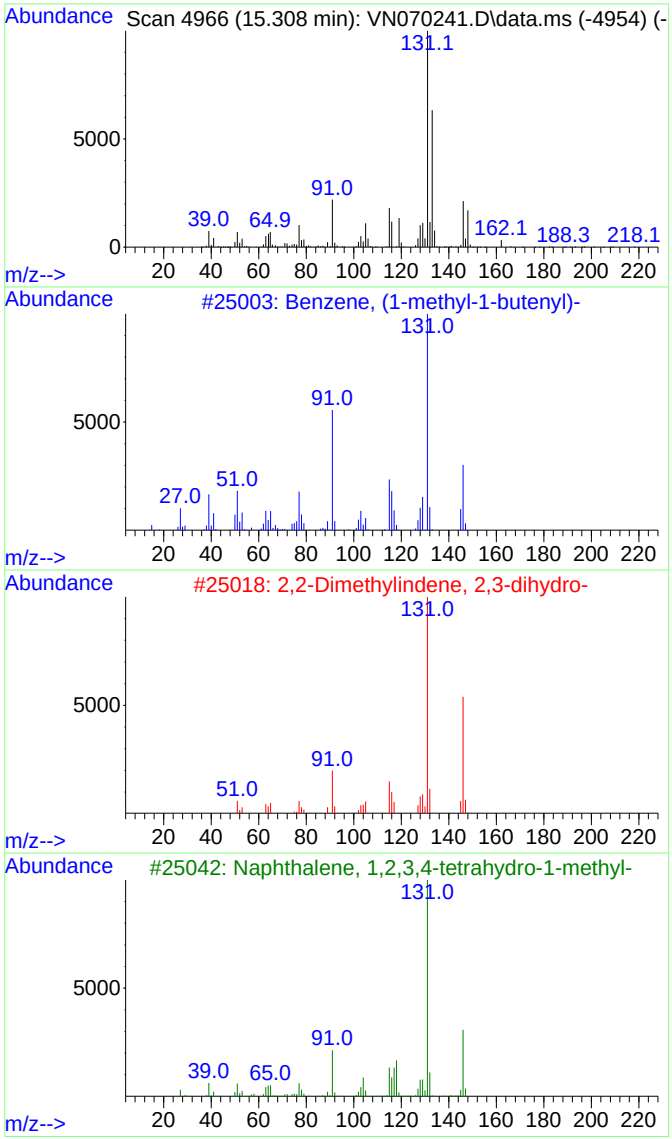
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

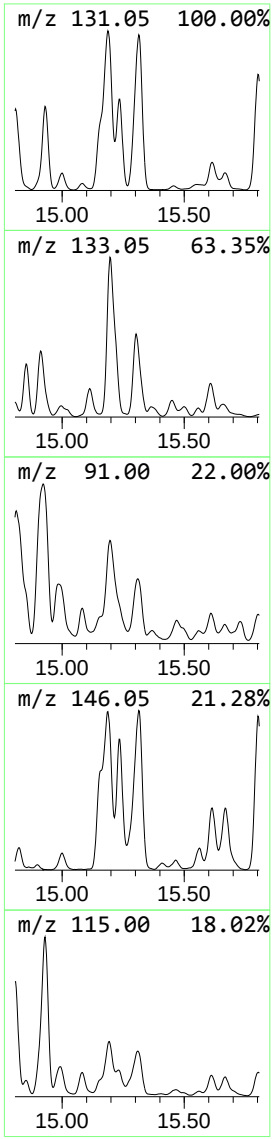
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.308	115.32 ug/l	15378800	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

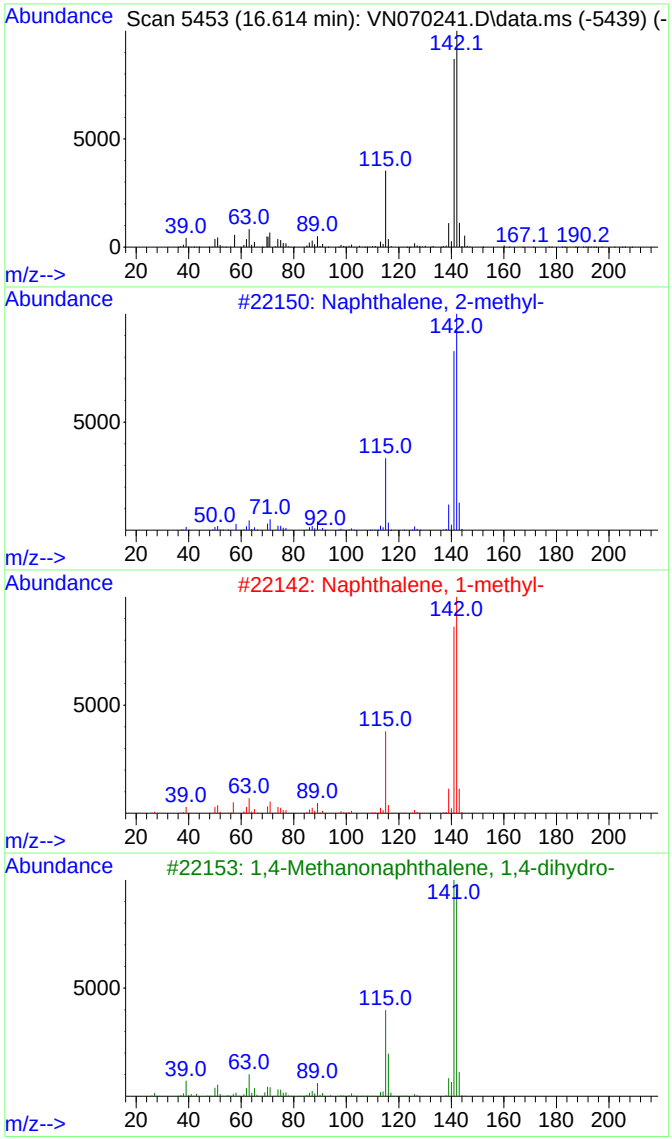
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

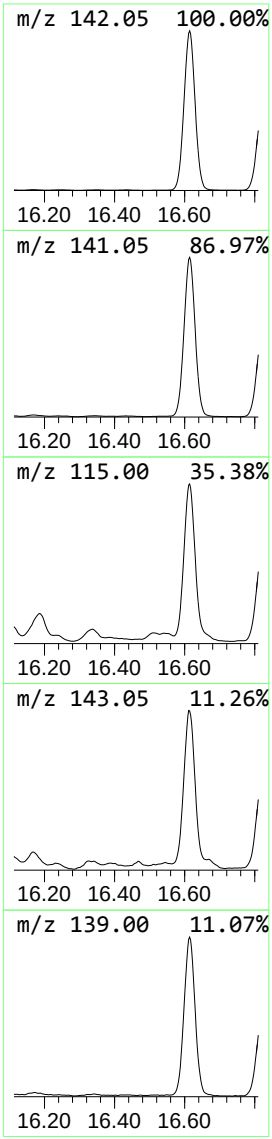
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,4-Methanonaphthalene, 1,4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.614	126.49 ug/l	16867500	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,2,4-...	8.609	96.4	ug/l	30330100	2	8.965	15736300	50.0
Pentane, 2,3,4-...	9.877	90.5	ug/l	28488800	2	8.965	15736300	50.0
Pentane, 2,3,3-...	10.011	98.4	ug/l	30957400	2	8.965	15736300	50.0
Dichloroacetic ...	11.524	136.6	ug/l	49295500	3	11.746	18050400	50.0
Octane, 3-methyl-	11.626	81.7	ug/l	29480800	3	11.746	18050400	50.0
Benzene, 1,2-di...	13.836	126.2	ug/l	16833500	4	13.672	6667660	50.0
Indane	13.876	149.1	ug/l	19888400	4	13.672	6667660	50.0
Benzene, 2-ethy...	14.214	360.2	ug/l	48032600	4	13.672	6667660	50.0
Benzene, 1-meth...	14.324	194.7	ug/l	25967200	4	13.672	6667660	50.0
Benzene, 1,2,3,...	14.539	203.0	ug/l	27067500	4	13.672	6667660	50.0
Benzene, 2-ethe...	14.809	163.1	ug/l	21754000	4	13.672	6667660	50.0
1H-Indene, 2,3-...	14.925	344.6	ug/l	45951200	4	13.672	6667660	50.0
Benzene, 1-ethy...	15.193	176.2	ug/l	23501500	4	13.672	6667660	50.0
Benzene, (1-met...	15.308	115.3	ug/l	15378800	4	13.672	6667660	50.0
1,4-Methanonaph...	16.614	126.5	ug/l	16867500	4	13.672	6667660	50.0