LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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: VN070237.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.074	1121	1150	1155	rBV2	208205	554125	1.17%	0.120%
2	5.615	1316	1352	1385	rBV2	458702	1590305	3.36%	0.345%
3	6.120	1506	1540	1575	rBV3	385303	1217155	2.57%	0.264%
4	7.042	1857	1884	1904	rVV3	765147	2347233	4.96%	0.509%
5	7.144	1905	1922	1969	rVB	637435	1976955	4.17%	0.429%
6	8.024	2228	2250	2255	rBV2	939363	2053319	4.34%	0.446%
7	8.077	2257	2270	2289	rVV3	2818861	7909025	16.70%	1.716%
8	8.174	2290	2306	2330	rVB2	2322482	5804648	12.26%	1.260%
9	8.295	2331	2351	2372	rBV	1838586	4314039	9.11%	0.936%
10	8.437	2386	2404	2433	rBV	1098699	2505022	5.29%	0.544%
11	8.614	2435	2470	2493	rVV	5661277	16018506	33.82%	3.476%
12	8.708	2495	2505	2526	rVB3	396557	975691	2.06%	0.212%
13	8.826	2527	2549	2579	rVB	1193471	2689403	5.68%	0.584%
14	8.965	2579	2601	2629	rBV	3339362	7547365	15.94%	1.638%
15	9.247	2697	2706	2741	rVB4	149683	505439	1.07%	0.110%
16	9.456	2752	2784	2795	rBV2	2760922	6942074	14.66%	1.507%
17	9.510	2796	2804	2821	rVB	1565744	3009971	6.36%	0.653%
18	9.590	2821	2834	2843	rBV	302012	607019	1.28%	0.132%
19	9.638	2843	2852	2865	rVB2	452596	842063	1.78%	0.183%
20	9.730	2865	2886	2902	rVB4	412321	1078322	2.28%	0.234%
21	9.882	2905	2943	2964	rBV	3753639	7971418	16.83%	1.730%
22	10.014	2966	2992	3006	rBV2	4720896	10473666	22.11%	2.273%
23	10.078	3006	3016	3025	rBV	1828484	3162159	6.68%	0.686%
24	10.215	3046	3067	3093	rBV2	2642046	6302538	13.31%	1.368%
25	10.368	3112	3124	3137	rVB	2058422	3698022	7.81%	0.803%
26	10.440	3137	3151	3184	rBV	5530129	11054219	23.34%	2.399%
27	10.620	3204	3218	3233	rVB	2349939	4717905	9.96%	1.024%
28	10.784	3268	3279	3296	rBV6	277966	725492	1.53%	0.157%
29	10.880	3296	3315	3335	rBV10	931417	2682483	5.66%	0.582%
30	10.961	3336	3345	3359	rVB2	649453	1137412	2.40%	0.247%
31	11.052	3359	3379	3391	rBV2	622221	1263451	2.67%	0.274%
32	11.154	3406	3417	3434	rVB	972313	1959338	4.14%	0.425%
33	11.454	3519	3529	3537	rBV	561031	926701	1.96%	0.201%
34	11.524	3538	3555	3580	rVB3	2921925	6807498	14.37%	1.477%
35	11.626	3581	3593	3616	rBV	2232940	3974313	8.39%	0.862%
36	11.744	3618	3637	3652	rBV	5668805	10917604	23.05%	2.369%

LSC Area Percent Report

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Operator : JC/MD
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Instrument :
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ClientSampleId :
DA-21-4.5

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

37	11.843	3654	3674	3694	rVB	7986217	14500137	30.62%	3.147%
38	11.950	3696	3714	3739	rBV	15751641	32069168	67.71%	6.959%
39	12.181	3790	3800	3812	rBV6	469274	774019	1.63%	0.168%
40	12.277	3816	3836	3855	rVB	8670264	16090577	33.97%	3.492%
41	12.363	3860	3868	3880	rVB	805762	1335497	2.82%	0.290%
42	12.446	3889	3899	3907	rBV5	393777	702679	1.48%	0.152%
43	12.578	3937	3948	3958	rBV	1408380	2638752	5.57%	0.573%
44	12.728	3992	4004	4014	rVB2	3795192	6937674	14.65%	1.506%
45	12.873	4048	4058	4063	rBV3	511170	825329	1.74%	0.179%
46	12.918	4064	4075	4086	rVV	5938566	9750584	20.59%	2.116%
47	12.980	4086	4098	4105	rVV	9044440	15384078	32.48%	3.339%
48	13.012	4106	4110	4118	rVV	7925016	11414881	24.10%	2.477%
49	13.055	4118	4126	4168	rVB2	9103458	17083945	36.07%	3.707%
50	13.219	4170	4187	4204	rBV	7078042	12748966	26.92%	2.767%
51	13.366	4228	4242	4270	rVB	28352205	47360381	100.00%	10.278%
52	13.492	4272	4289	4299	rBV3	1076231	2950887	6.23%	0.640%
53	13.557	4306	4313	4323	rVB	1269664	1893541	4.00%	0.411%
54	13.608	4324	4332	4339	rBV2	742327	1156827	2.44%	0.251%
55	13.672	4346	4356	4361	rBV	5117030	7774245	16.42%	1.687%
56	13.838	4405	4418	4421	rBV	2620277	3751847	7.92%	0.814%
57	13.871	4421	4430	4437	rVV3	7469171	12765864	26.95%	2.770%
58	13.908	4438	4444	4467	rVB4	7409056	15235611	32.17%	3.306%
59	13.994	4467	4476	4488	rVB3	1298004	1969071	4.16%	0.427%
60	14.066	4492	4503	4514	rVB	2048190	3249114	6.86%	0.705%
61	14.131	4515	4527	4531	rBV	4006597	6201507	13.09%	1.346%
62	14.214	4547	4558	4572	rVB	6181475	9638839	20.35%	2.092%
63	14.275	4575	4581	4588	rVV	461649	646420	1.36%	0.140%
64	14.324	4588	4599	4611	rVB3	2779051	4684194	9.89%	1.017%
65	14.404	4622	4629	4639	rVB4	753198	1171978	2.47%	0.254%
66	14.458	4640	4649	4660	rVV	1219759	1836092	3.88%	0.398%
67	14.538	4662	4679	4686	rVV	3104704	5576718	11.78%	1.210%
68	14.576	4686	4693	4702	rVV	4220057	6618216	13.97%	1.436%
69	14.621	4703	4710	4718	rVV	1818093	2808702	5.93%	0.610%
70	14.659	4719	4724	4737	rVB	967976	1299022	2.74%	0.282%
71	14.761	4754	4762	4770	rBV	808664	1093020	2.31%	0.237%
72	14.807	4770	4779	4789	rBV2	2321409	3892615	8.22%	0.845%
73	14.927	4806	4824	4836	rBV5	3492231	8717736	18.41%	1.892%
74	14.978	4837	4843	4859	rVB	894390	1546391	3.27%	0.336%
75	15.083	4874	4882	4900	rVB3	501620	953840	2.01%	0.207%
76	15.195	4902	4924	4951	rVV4	1570735	4919253	10.39%	1.068%

LSC Area Percent Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DA-21-4.5

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	15.308	4954	4966	4984	rVB4	1061360	2421293	5.11%	0.525%
78	15.504	5014	5039	5053	rBV	1796377	3663276	7.73%	0.795%
79	15.611	5069	5079	5090	rBV3	419818	717002	1.51%	0.156%
80	15.802	5136	5150	5167	rBV	579247	1205921	2.55%	0.262%
81	16.188	5281	5294	5329	rVB4	268282	809889	1.71%	0.176%
82	16.617	5438	5454	5488	rVB	750975	1760228	3.72%	0.382%

Sum of corrected areas: 460807724

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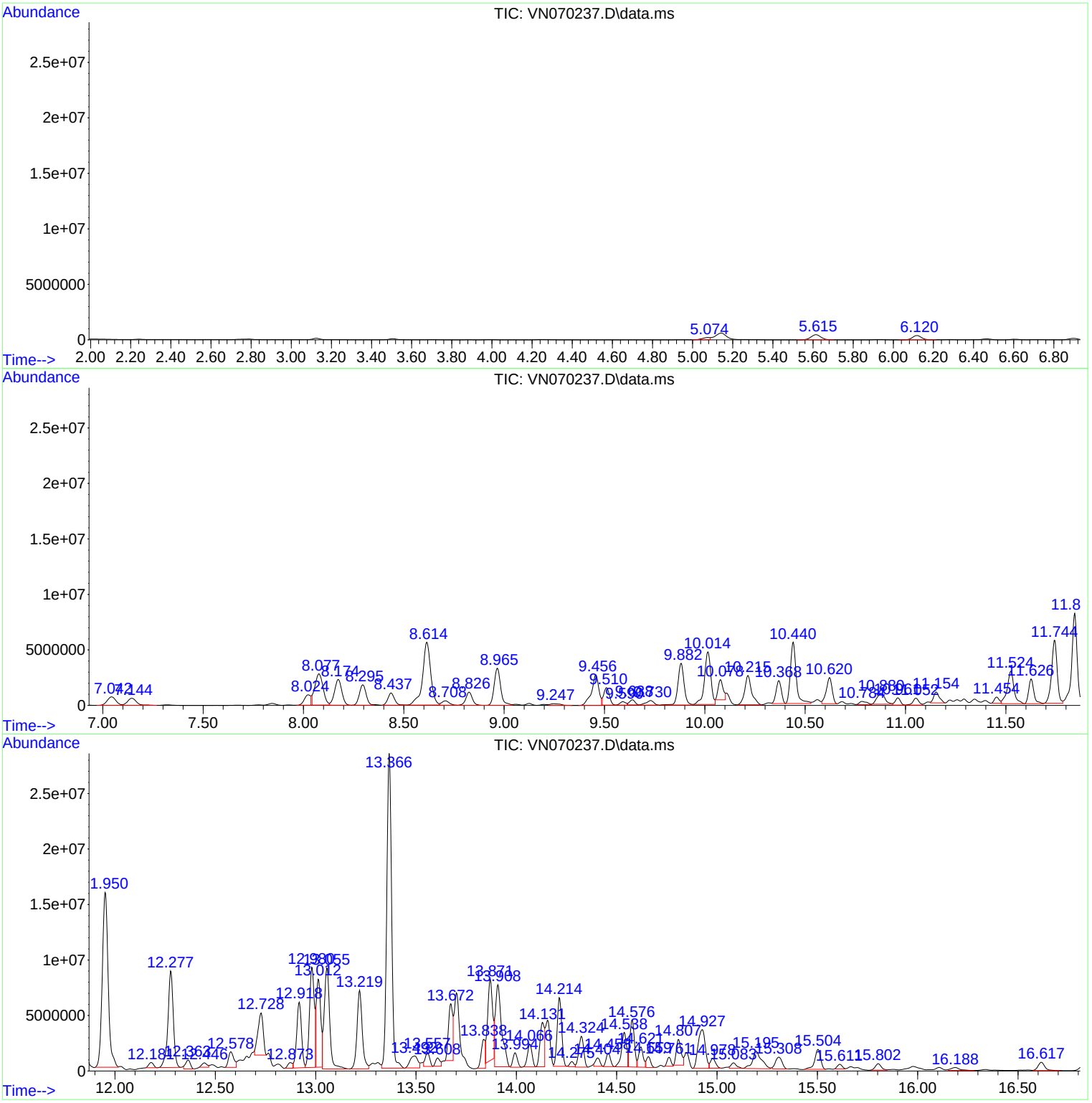
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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 : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
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Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

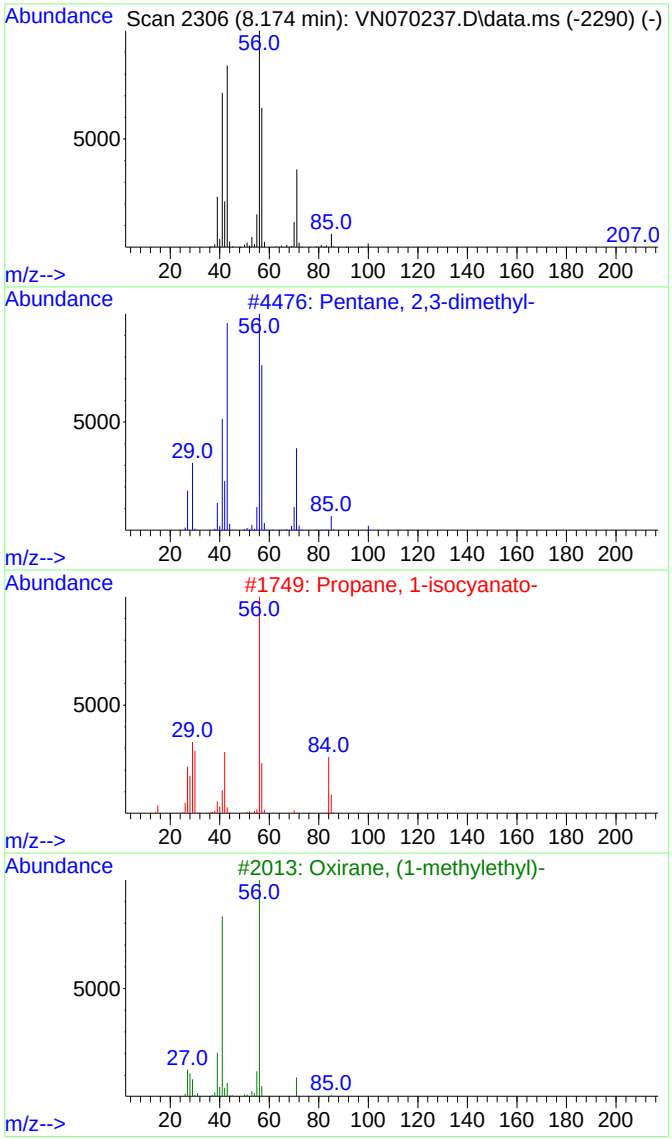
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

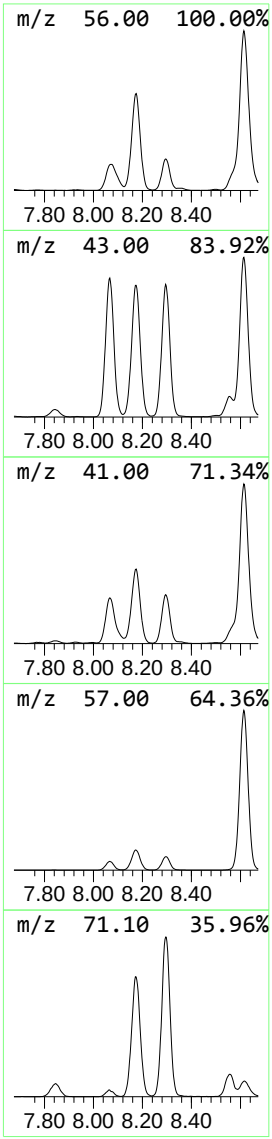
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	36.70 ug/l	5804650	Pentafluorobenzene	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	50
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

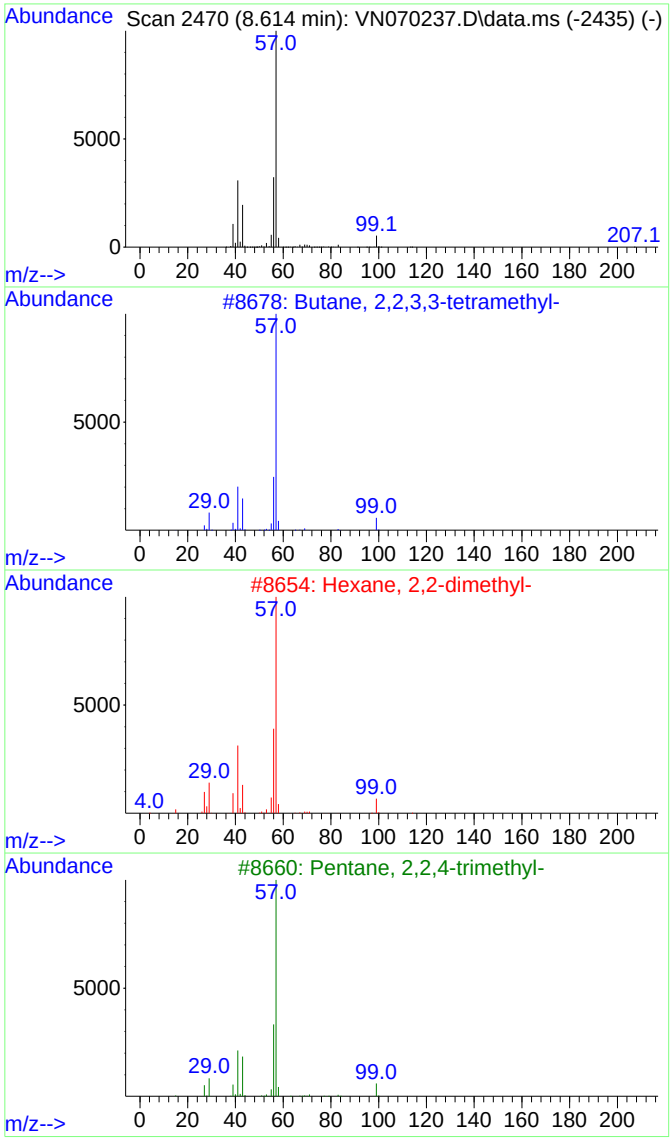
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

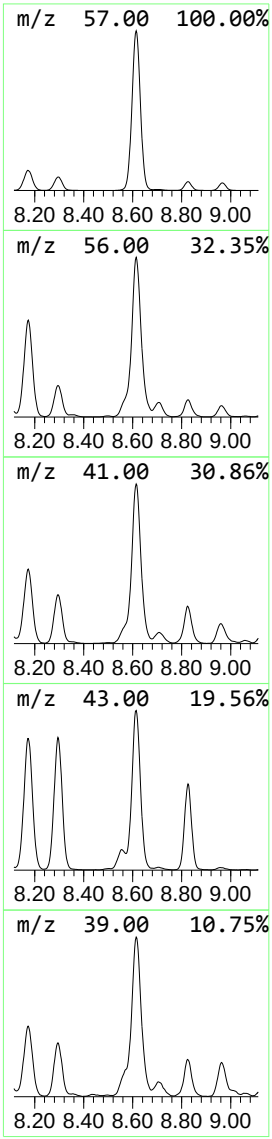
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	106.12 ug/l	16018500	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

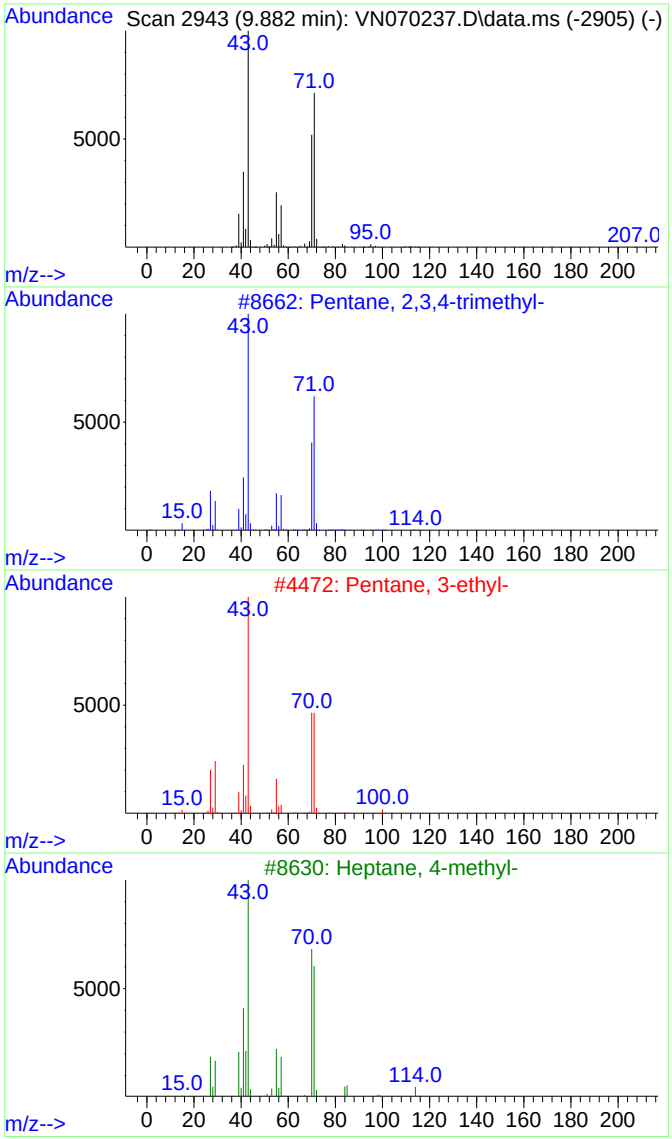
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

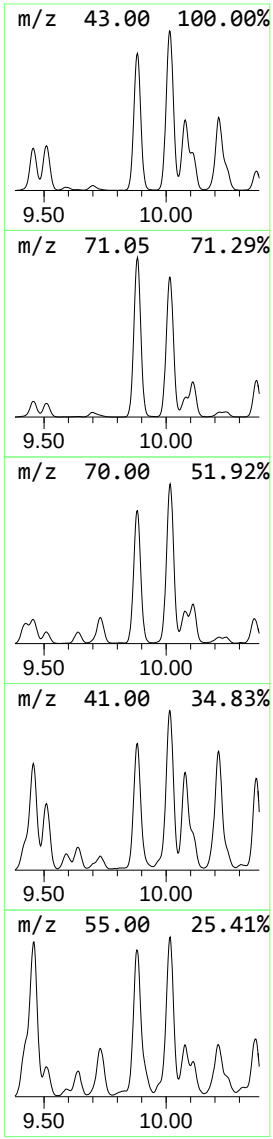
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.882	52.81 ug/l	7971420	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	74
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





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Operator : JC/MD
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Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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ClientSampleId :
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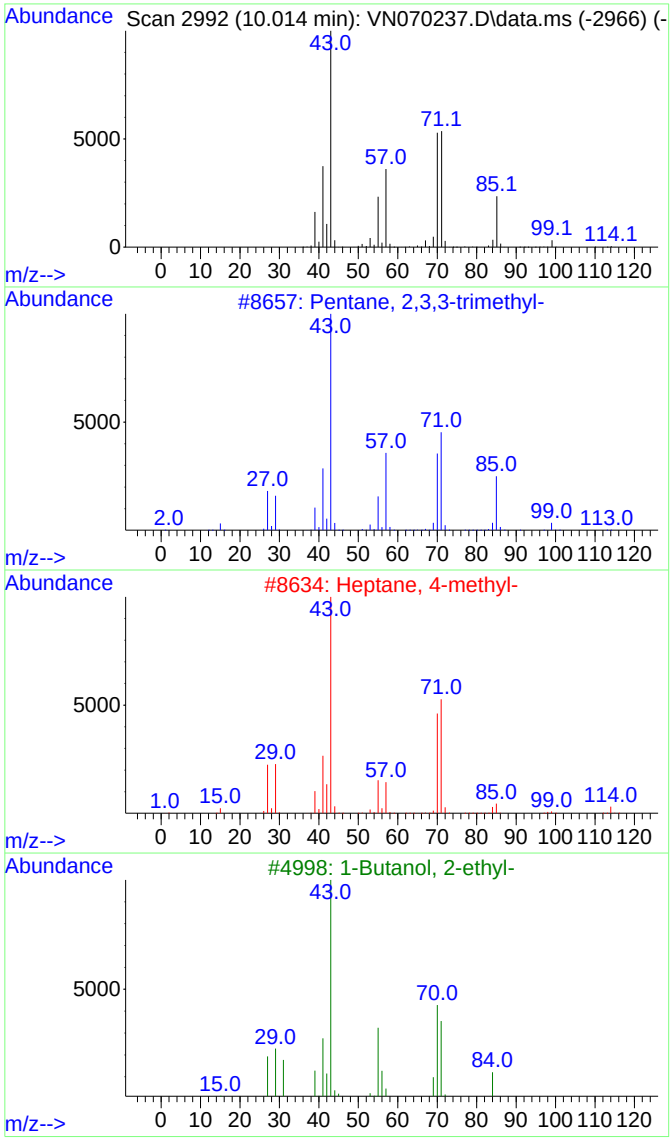
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

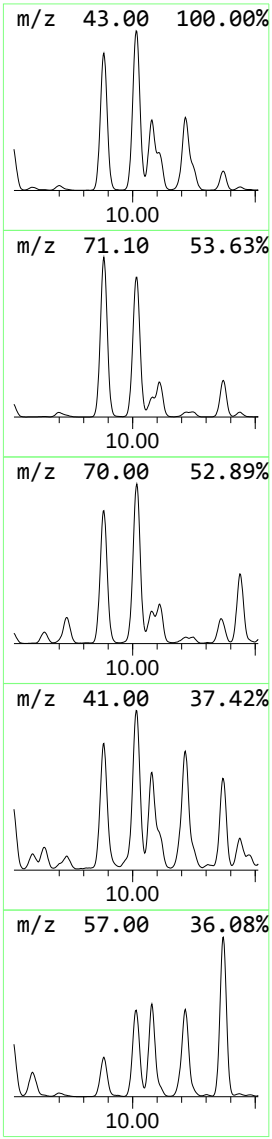
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.014	69.39 ug/l	10473700	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	Pyrrolidine	71	C4H9N	000123-75-1	53





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Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

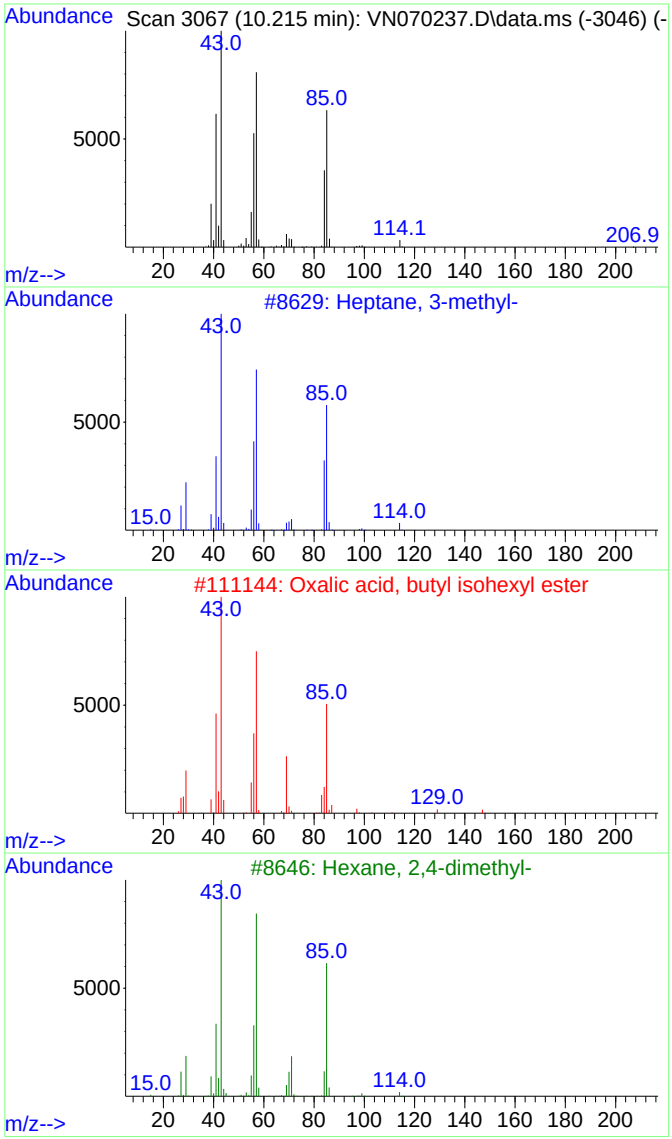
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

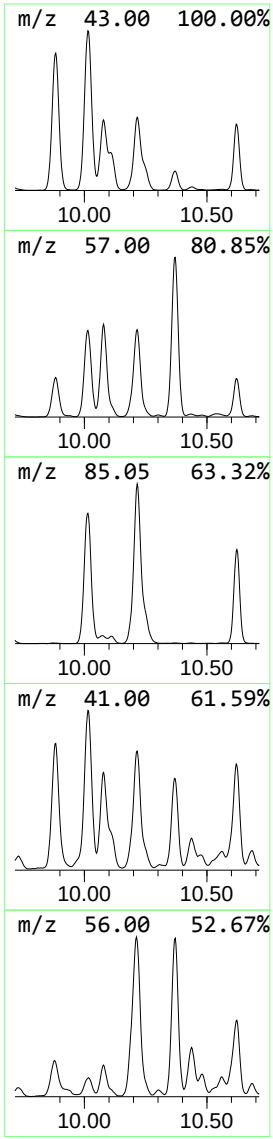
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.215	41.75 ug/l	6302540	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
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Instrument :
MSVOA_N
ClientSampleId :
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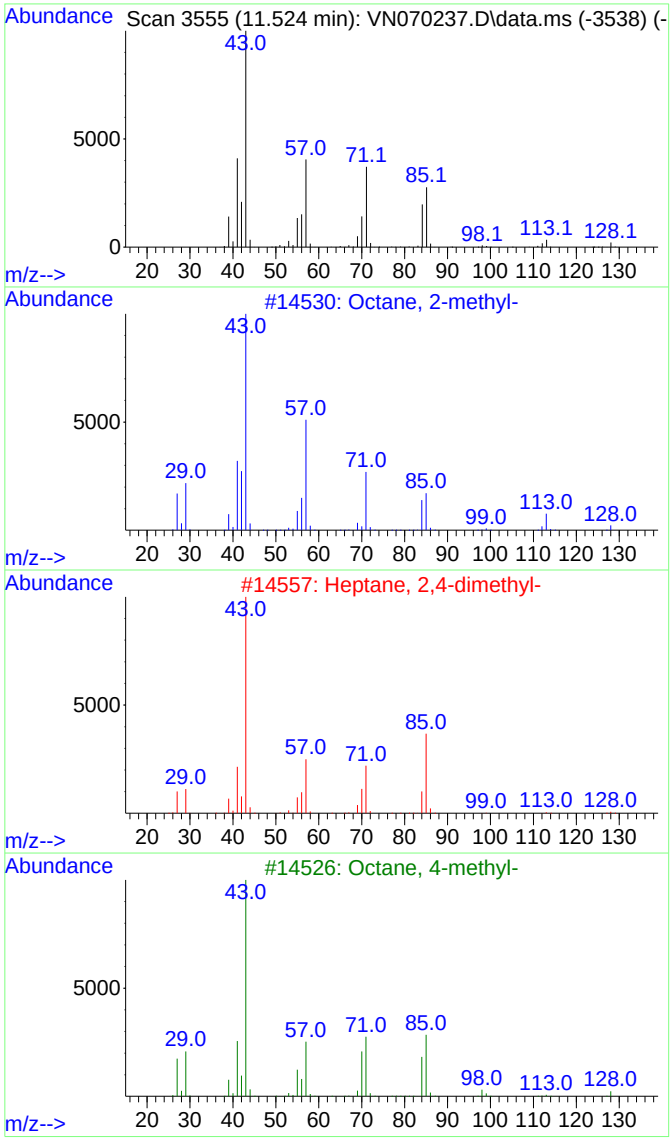
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

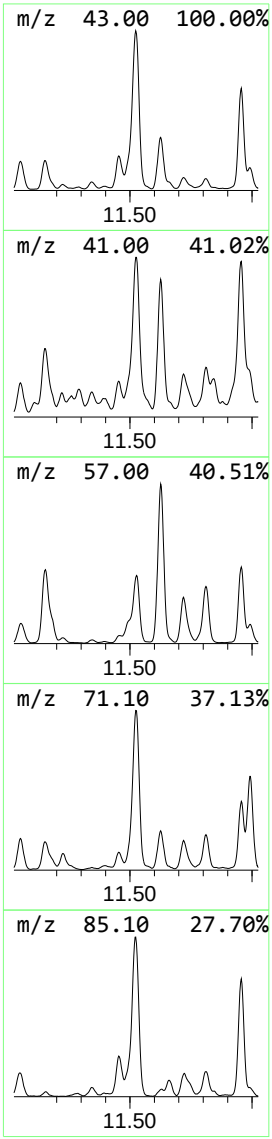
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.524	31.18 ug/l	6807500	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	59
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	59
5	Nonane	128	C9H20	000111-84-2	53





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Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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

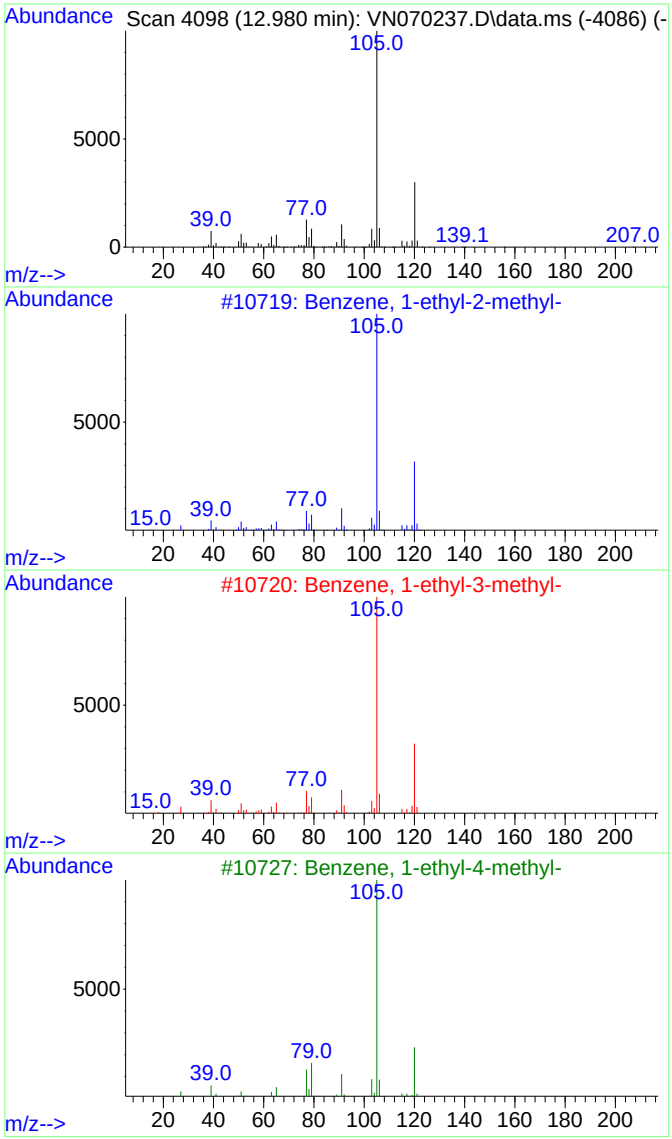
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

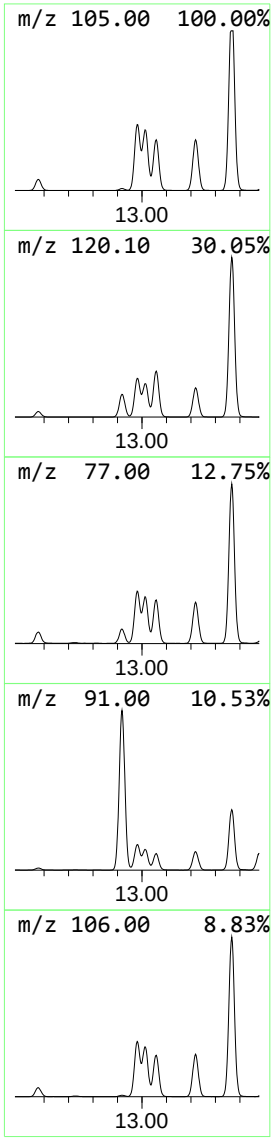
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	98.94 ug/l	15384100	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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

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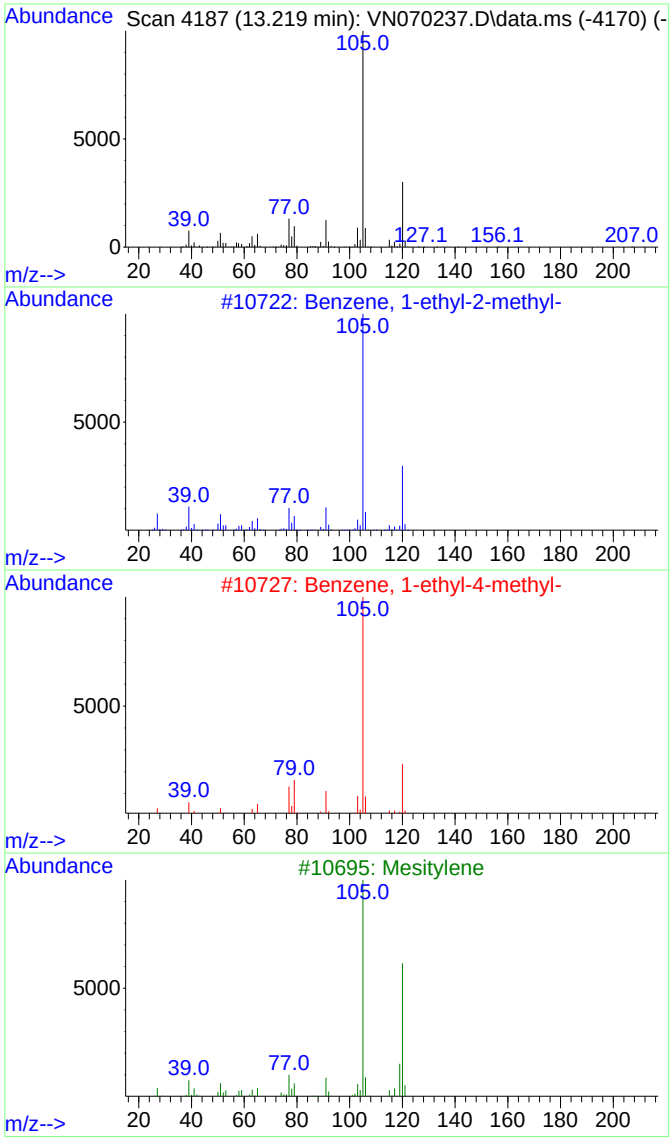
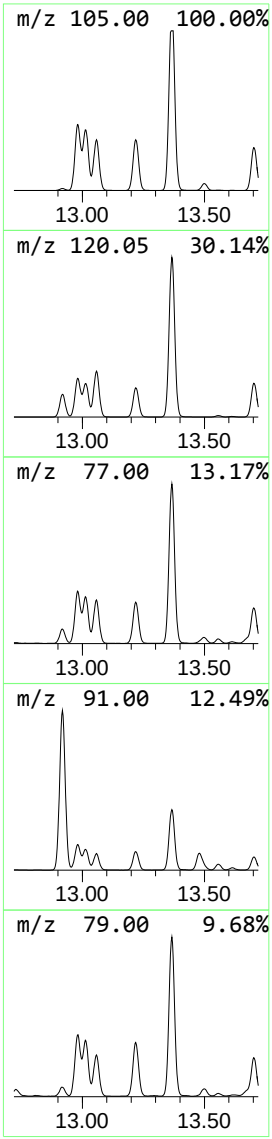
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	81.99 ug/l	12749000	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

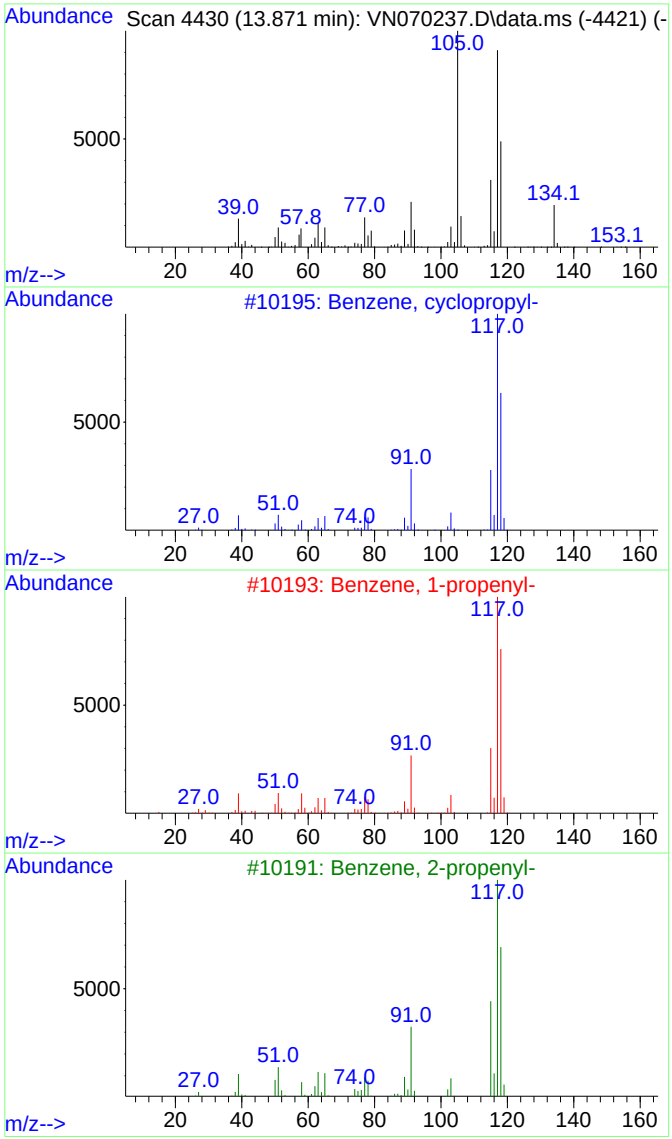
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

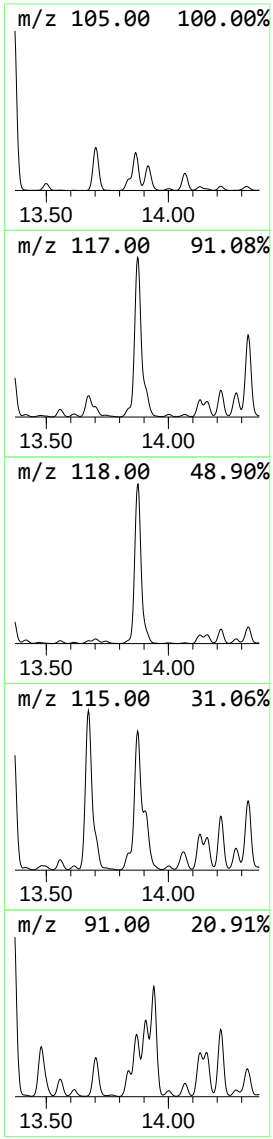
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	82.10 ug/l	12765900	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Indane	118	C9H10	000496-11-7	60
5	Deltacyclene	118	C9H10	007785-10-6	58





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Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

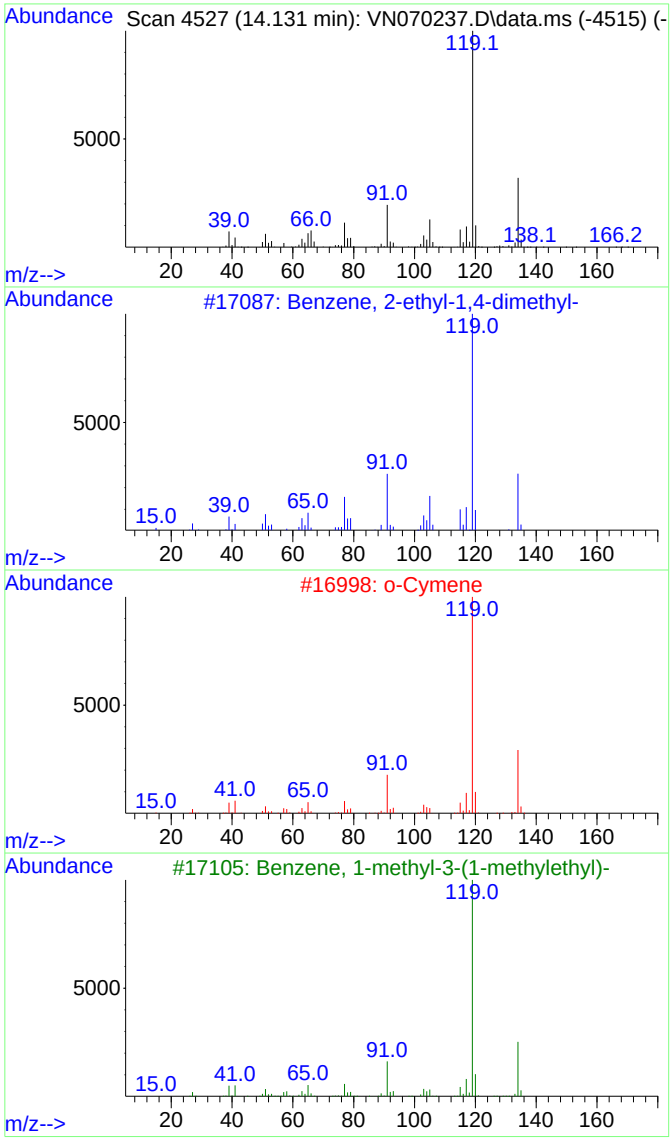
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

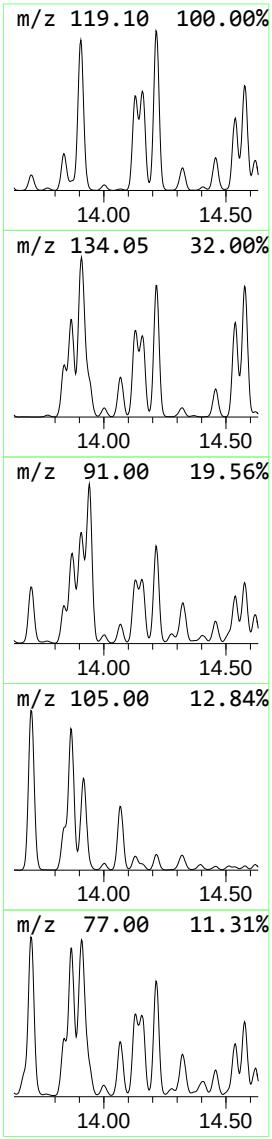
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.131	39.88 ug/l	6201510	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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

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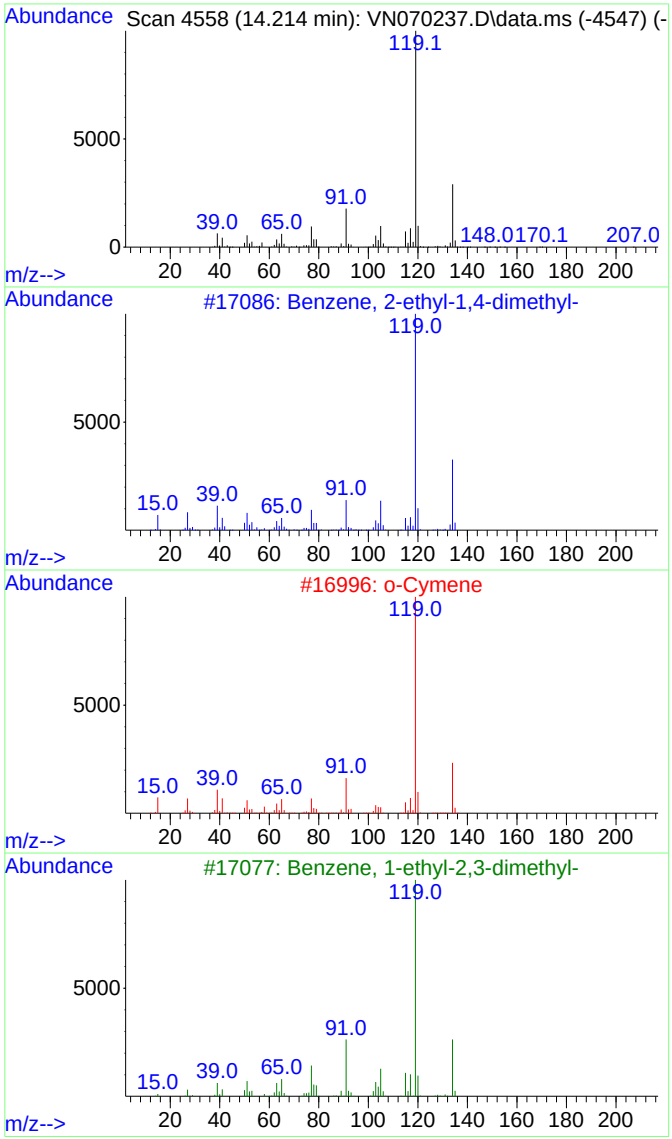
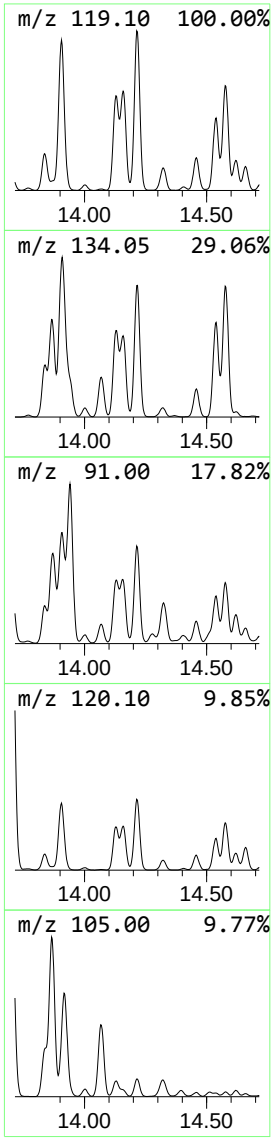
Peak Number 11 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	61.99 ug/l	9638840	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	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

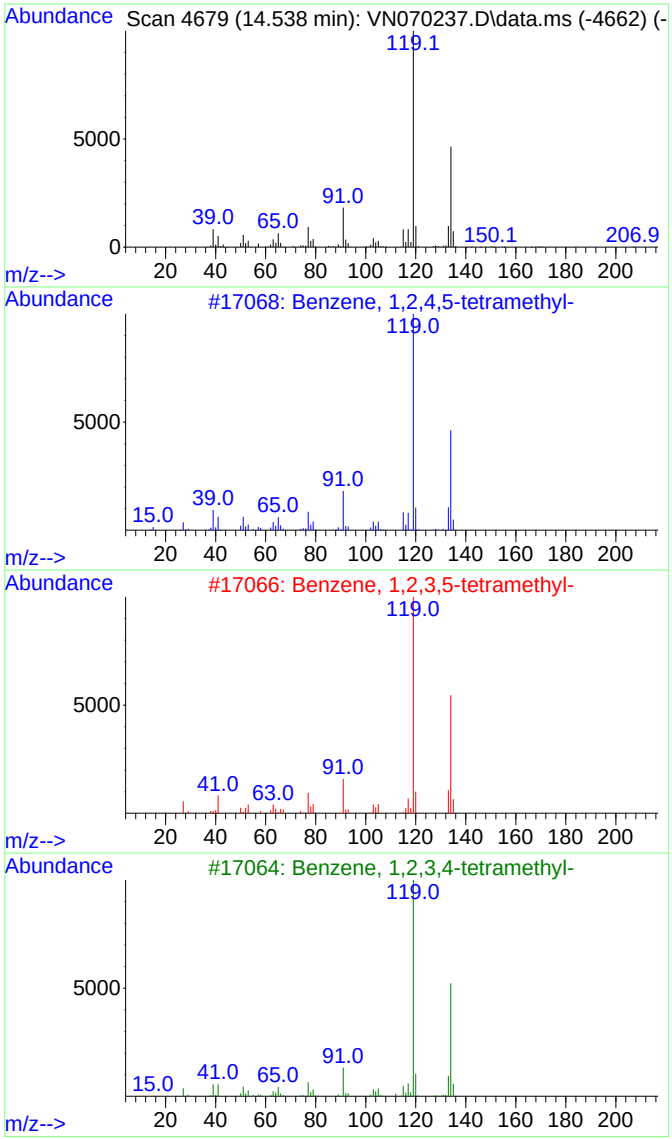
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

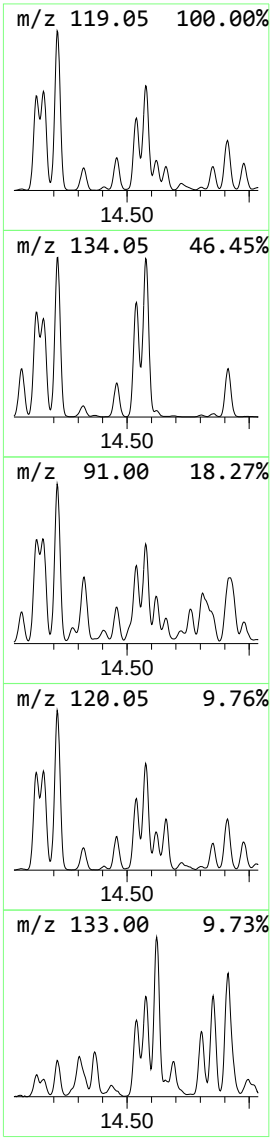
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	35.87 ug/l	5576720	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

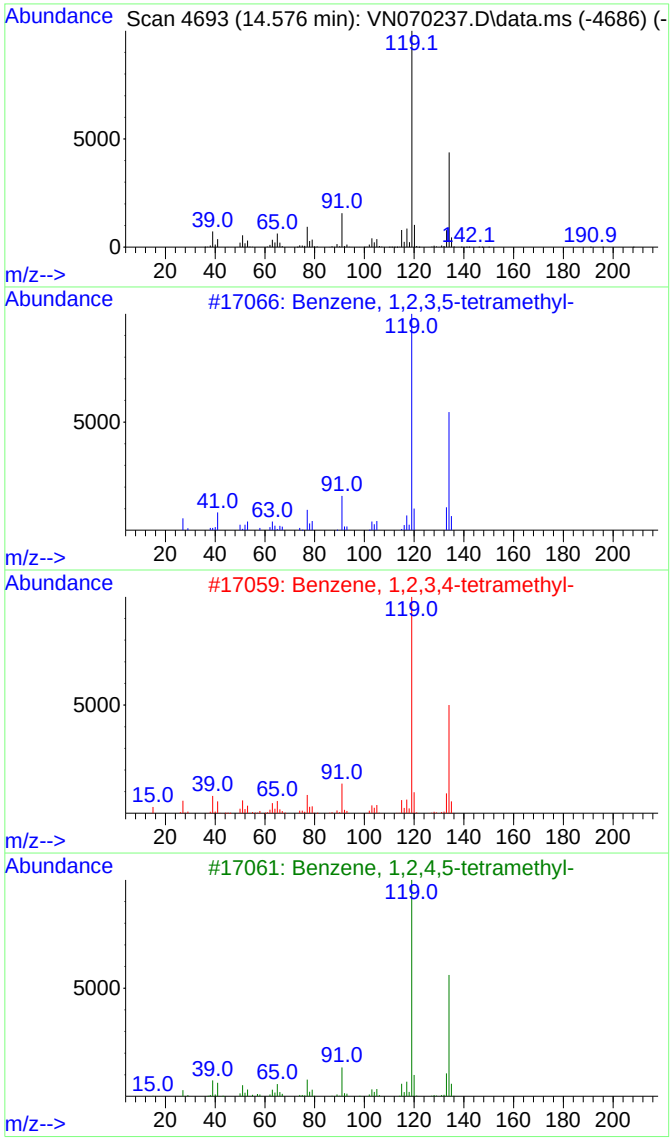
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

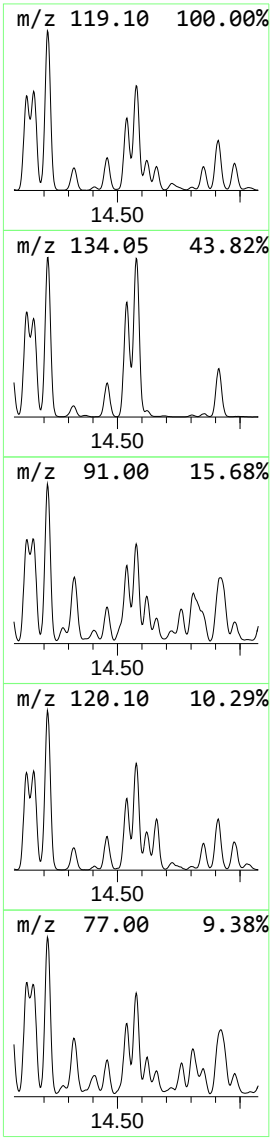
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.576	42.56 ug/l	6618220	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

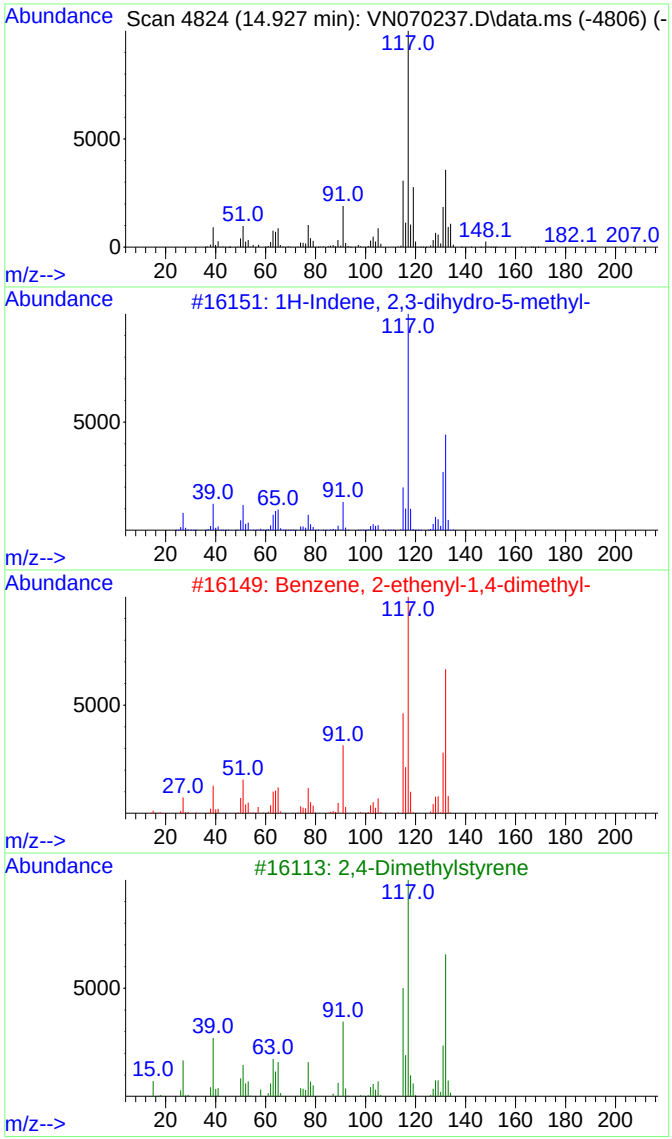
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

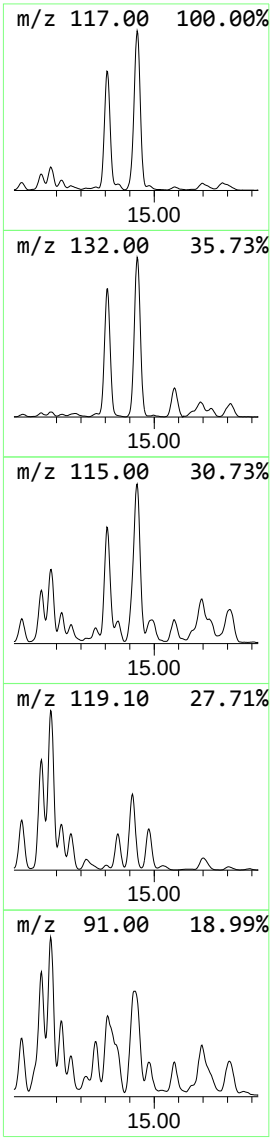
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	56.07 ug/l	8717740	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	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81





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Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

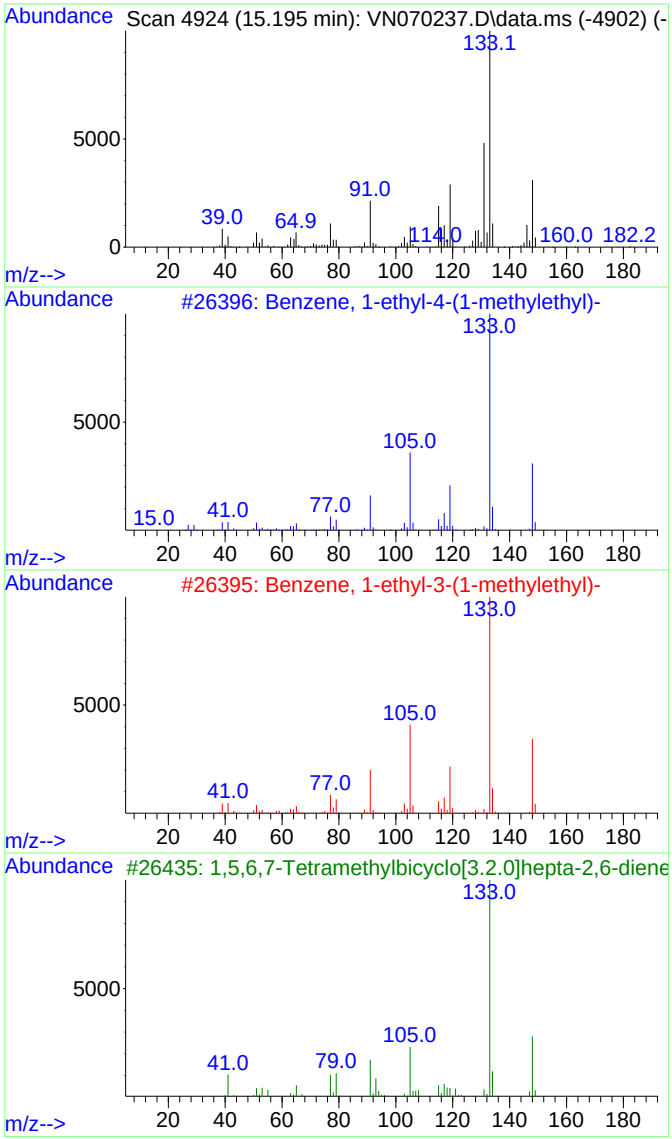
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

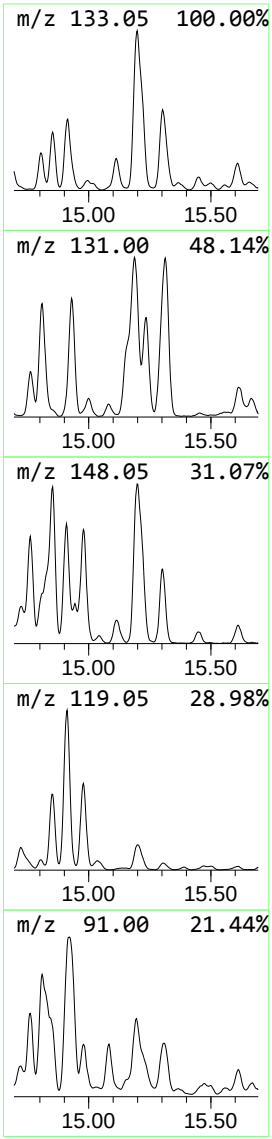
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.195	31.64 ug/l	4919250	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	52
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	52
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070237.D
Acq On : 20 Dec 2021 13:46
Operator : JC/MD
Sample : M5044-21 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

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, 2,3-di...	8.174	36.7	ug/l	5804650	1	8.085	7909030	50.0
Butane, 2,2,3,3...	8.614	106.1	ug/l	16018500	2	8.968	7547370	50.0
Pentane, 2,3,4-...	9.882	52.8	ug/l	7971420	2	8.968	7547370	50.0
Pentane, 2,3,3-...	10.014	69.4	ug/l	10473700	2	8.968	7547370	50.0
Heptane, 3-methyl-	10.215	41.8	ug/l	6302540	2	8.968	7547370	50.0
Octane, 2-methyl-	11.524	31.2	ug/l	6807500	3	11.744	10917600	50.0
Benzene, 1-ethy...	12.980	98.9	ug/l	15384100	4	13.672	7774250	50.0
Benzene, 1-ethy...	13.219	82.0	ug/l	12749000	4	13.672	7774250	50.0
Benzene, cyclop...	13.871	82.1	ug/l	12765900	4	13.672	7774250	50.0
Benzene, 2-ethy...	14.131	39.9	ug/l	6201510	4	13.672	7774250	50.0
o-Cymene	14.214	62.0	ug/l	9638840	4	13.672	7774250	50.0
Benzene, 1,2,4,...	14.538	35.9	ug/l	5576720	4	13.672	7774250	50.0
Benzene, 1,2,3,...	14.576	42.6	ug/l	6618220	4	13.672	7774250	50.0
1H-Indene, 2,3-...	14.927	56.1	ug/l	8717740	4	13.672	7774250	50.0
Benzene, 1-ethy...	15.195	31.6	ug/l	4919250	4	13.672	7774250	50.0