LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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: VN070013.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.113	403	419	452	rVB	722938	1704824	7.26%	0.428%
2	3.497	542	562	590	rBV2	506306	1233596	5.25%	0.309%
3	4.240	814	839	868	rBV4	91776	330275	1.41%	0.083%
4	5.076	1117	1151	1153	rBV4	568305	1510952	6.43%	0.379%
5	5.610	1316	1350	1389	rBV	1243249	4349830	18.52%	1.091%
6	5.929	1442	1469	1494	rBV3	104296	335571	1.43%	0.084%
7	6.114	1507	1538	1576	rBV	1437242	4465826	19.01%	1.120%
8	6.463	1647	1668	1696	rVB3	339250	1049235	4.47%	0.263%
9	6.602	1696	1720	1742	rBV3	174847	552561	2.35%	0.139%
10	6.898	1805	1830	1855	rBV5	346079	1104924	4.70%	0.277%
11	7.042	1859	1884	1903	rBV2	1182220	3566186	15.18%	0.895%
12	7.144	1904	1922	1944	rVB	1391849	3860831	16.44%	0.969%
13	7.324	1974	1989	2021	rVB6	81008	272216	1.16%	0.068%
14	7.775	2139	2157	2166	rBV4	112847	275523	1.17%	0.069%
15	7.844	2168	2183	2201	rVB2	554005	1337144	5.69%	0.335%
16	8.072	2228	2268	2290	rBV4	4133433	14818721	63.09%	3.717%
17	8.174	2291	2306	2330	rVB2	2996696	7662699	32.62%	1.922%
18	8.295	2331	2351	2370	rBV	3451616	7941556	33.81%	1.992%
19	8.440	2388	2405	2434	rBV2	1121981	2986806	12.72%	0.749%
20	8.617	2435	2471	2494	rVV	7888507	23489420	100.00%	5.893%
21	8.708	2496	2505	2527	rVV3	693971	1742318	7.42%	0.437%
22	8.826	2528	2549	2574	rVB	3007511	6475931	27.57%	1.625%
23	8.968	2581	2602	2630	rBV3	3851899	9396547	40.00%	2.357%
24	9.126	2649	2661	2675	rVB2	367171	694191	2.96%	0.174%
25	9.199	2676	2688	2696	rVV2	209656	419610	1.79%	0.105%
26	9.247	2697	2706	2736	rVB5	398730	1098550	4.68%	0.276%
27	9.459	2751	2785	2796	rBV	4369544	10841545	46.16%	2.720%
28	9.512	2797	2805	2821	rVB2	2055357	3867450	16.46%	0.970%
29	9.593	2822	2835	2843	rBV2	505620	994759	4.23%	0.250%
30	9.641	2844	2853	2866	rVB2	646240	1200000	5.11%	0.301%
31	9.732	2866	2887	2902	rVB4	555738	1413712	6.02%	0.355%
32	9.883	2928	2943	2965	rVB	5272419	10751854	45.77%	2.697%
33	10.017	2966	2993	3006	rBV3	7010719	16130774	68.67%	4.047%
34	10.081	3006	3017	3047	rVB2	3260225	8567714	36.47%	2.149%
35	10.218	3047	3068	3093	rBV2	3353796	7981350	33.98%	2.002%
36	10.322	3095	3107	3112	rBV4	364765	660128	2.81%	0.166%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
A2-5-6.5

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

37	10.371	3113	3125	3138	rVB	4299544	7775409	33.10%	1.951%
38	10.443	3138	3152	3176	rBV	5355890	10536899	44.86%	2.643%
39	10.623	3205	3219	3234	rVB2	3660803	7019399	29.88%	1.761%
40	10.684	3235	3242	3252	rVB4	335634	481698	2.05%	0.121%
41	10.784	3269	3279	3297	rBV6	424797	1195749	5.09%	0.300%
42	10.886	3297	3317	3335	rVV7	1455709	4270602	18.18%	1.071%
43	10.963	3337	3346	3359	rVB2	707997	1270228	5.41%	0.319%
44	11.055	3360	3380	3392	rBV4	761250	1567435	6.67%	0.393%
45	11.156	3393	3418	3434	rBV	1240434	3306650	14.08%	0.830%
46	11.224	3435	3443	3448	rBV7	286011	422354	1.80%	0.106%
47	11.347	3482	3489	3499	rBV	351820	493035	2.10%	0.124%
48	11.457	3521	3530	3538	rBV2	691918	1051752	4.48%	0.264%
49	11.527	3541	3556	3582	rVB3	2948747	7099448	30.22%	1.781%
50	11.628	3582	3594	3617	rBV	2316976	4101917	17.46%	1.029%
51	11.747	3621	3638	3652	rBV	5374692	9967741	42.44%	2.501%
52	11.846	3663	3675	3694	rVB	8874606	15297797	65.13%	3.838%
53	11.958	3706	3717	3739	rVB3	4059490	8351321	35.55%	2.095%
54	12.184	3795	3801	3812	rVB5	503881	773584	3.29%	0.194%
55	12.253	3817	3827	3854	rVB6	886392	2427836	10.34%	0.609%
56	12.369	3863	3870	3880	rVB	832936	1255269	5.34%	0.315%
57	12.581	3939	3949	3959	rBV	1234470	2247559	9.57%	0.564%
58	12.731	3994	4005	4015	rVB2	3413965	5668425	24.13%	1.422%
59	12.921	4065	4076	4089	rVB	5183464	8514238	36.25%	2.136%
60	13.018	4103	4112	4117	rBV	2261401	3391725	14.44%	0.851%
61	13.047	4118	4123	4141	rVB	3542437	5713800	24.32%	1.433%
62	13.222	4173	4188	4204	rBV	5714098	10297748	43.84%	2.583%
63	13.286	4206	4212	4230	rVB6	550171	1164105	4.96%	0.292%
64	13.610	4327	4333	4340	rBV5	413874	477581	2.03%	0.120%
65	13.675	4347	4357	4362	rBV	4830418	7663224	32.62%	1.922%
66	13.704	4364	4368	4398	rVB	7012067	12137769	51.67%	3.045%
67	13.838	4407	4418	4425	rBV	2723653	4469852	19.03%	1.121%
68	13.879	4425	4433	4441	rVV	3869557	6534188	27.82%	1.639%
69	13.919	4442	4448	4466	rVB3	2232868	5321363	22.65%	1.335%
70	13.997	4467	4477	4489	rBV3	2898664	4570406	19.46%	1.147%
71	14.069	4496	4504	4516	rVB	1678395	2545750	10.84%	0.639%
72	14.133	4519	4528	4546	rVB2	1538787	3137081	13.36%	0.787%
73	14.217	4548	4559	4572	rVB	6302922	9807105	41.75%	2.460%
74	14.327	4590	4600	4613	rVB3	3346574	5622484	23.94%	1.410%
75	14.461	4640	4650	4659	rBV2	1343427	2202850	9.38%	0.553%
76	14.514	4661	4670	4671	rVV6	929680	1031773	4.39%	0.259%

LSC Area Percent Report

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Operator : JC/MD
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Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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	14.541	4673	4680	4689	rVB2	2604176	3788304	16.13%	0.950%
78	14.622	4703	4710	4719	rBV2	1281604	1638526	6.98%	0.411%
79	14.812	4771	4781	4789	rBV2	2611752	4570210	19.46%	1.147%
80	14.930	4808	4825	4837	rBV4	4492930	10802601	45.99%	2.710%
81	15.086	4876	4883	4897	rVB2	706575	1113194	4.74%	0.279%
82	15.196	4917	4924	4935	rVB6	1326939	1935883	8.24%	0.486%
83	15.314	4957	4968	4983	rVB5	1610402	3511502	14.95%	0.881%
84	15.507	5030	5040	5053	rVB	3115102	5565255	23.69%	1.396%
85	15.807	5140	5152	5169	rBV2	934360	1948051	8.29%	0.489%
86	16.617	5441	5454	5486	rVB	3086803	7477494	31.83%	1.876%

Sum of corrected areas: 398621298

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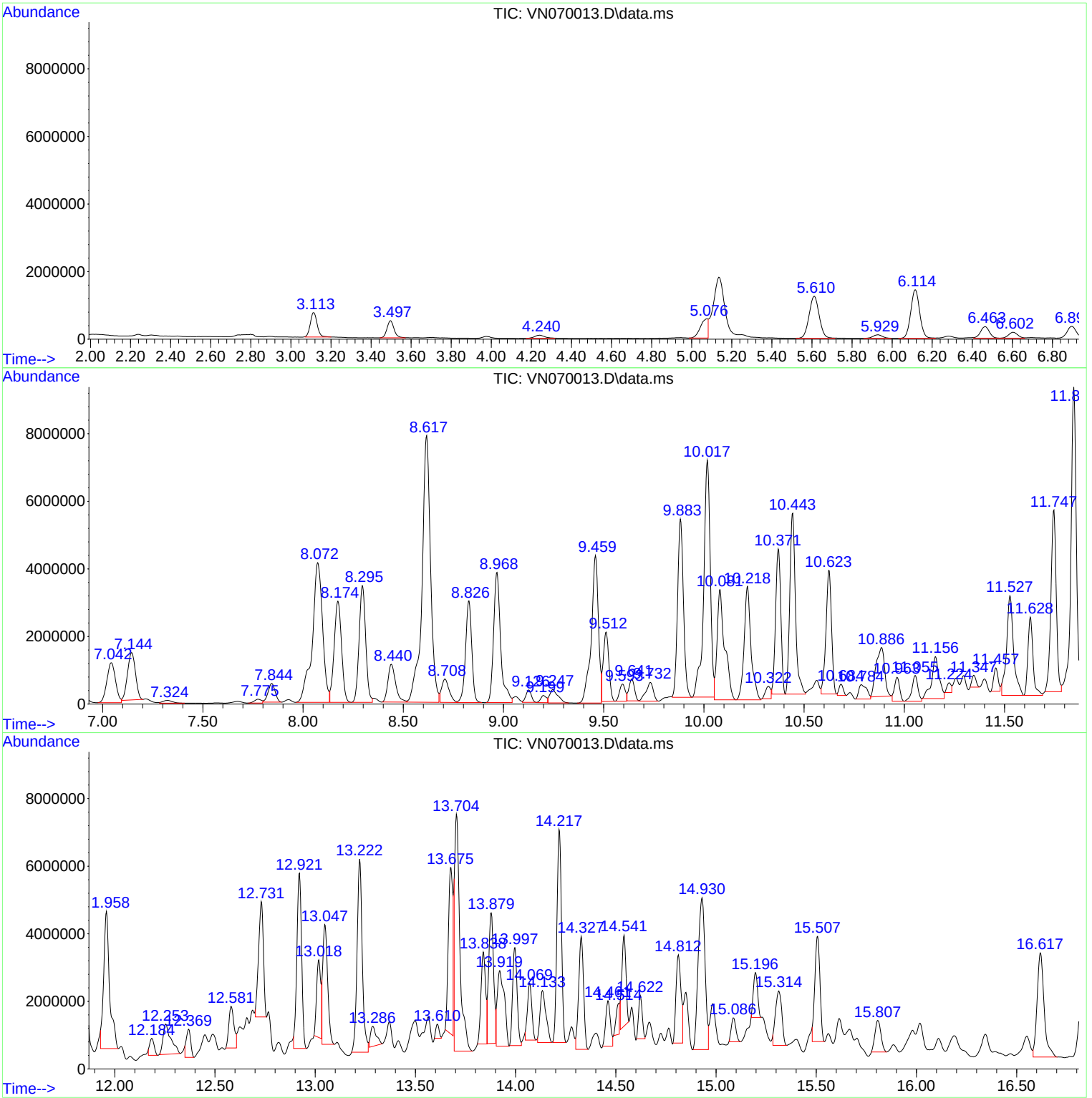
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
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Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

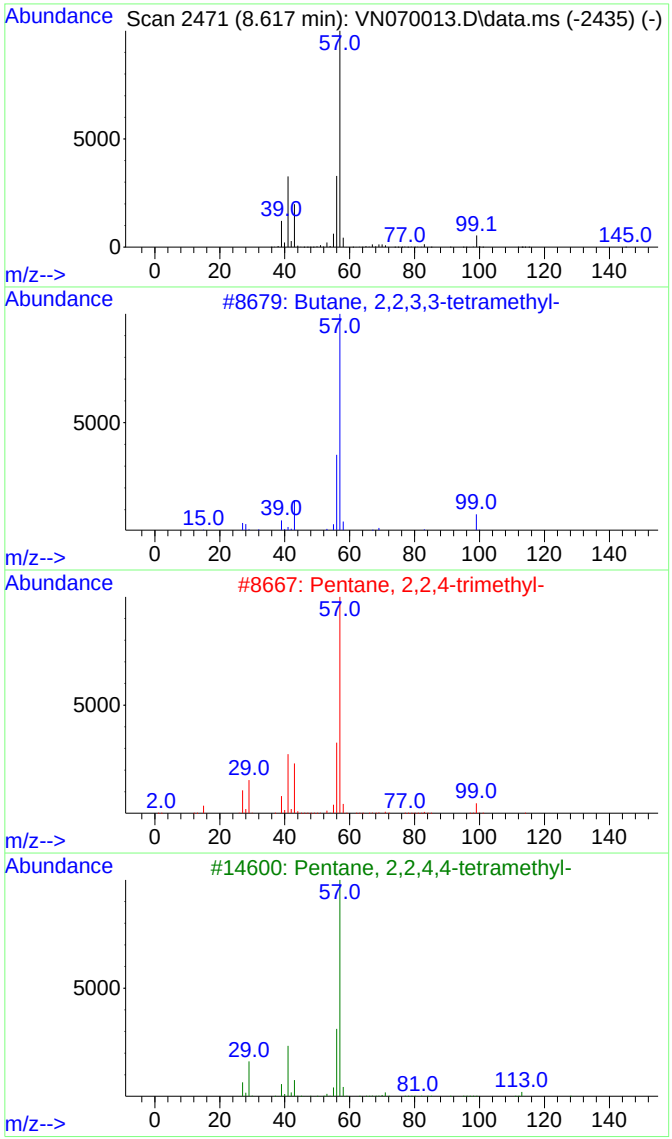
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

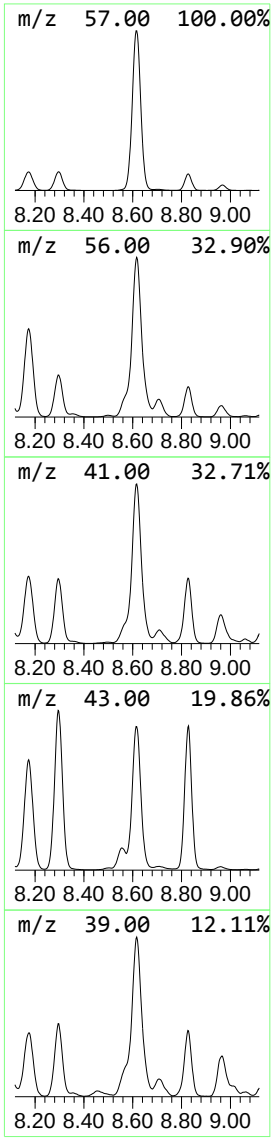
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.617	124.99 ug/l	23489400	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	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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

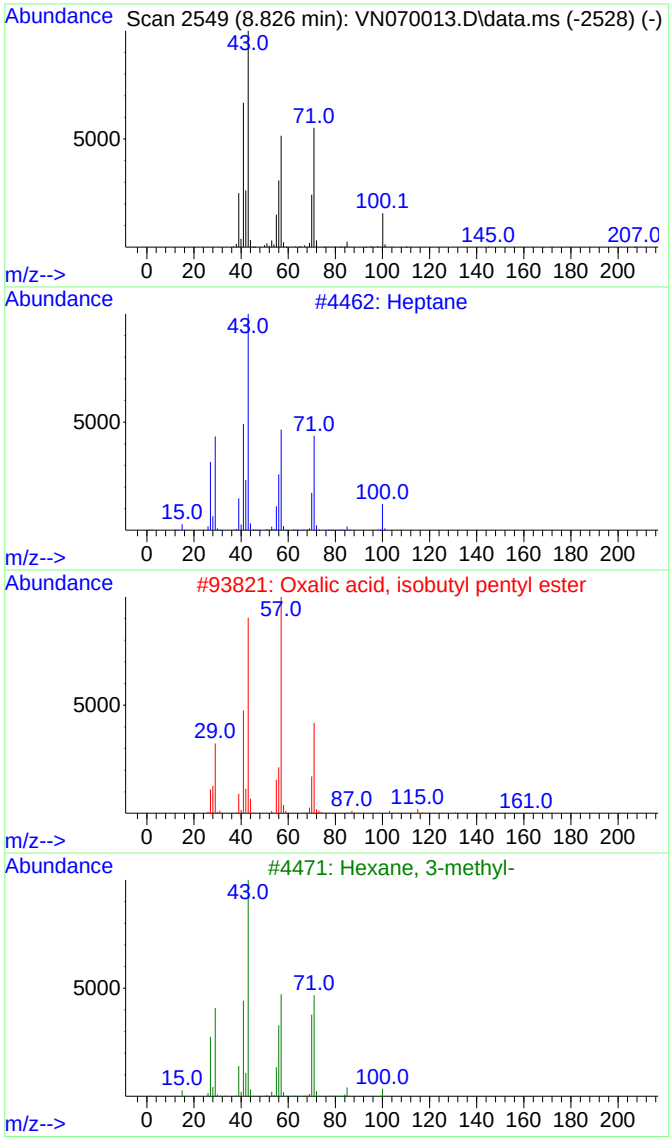
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

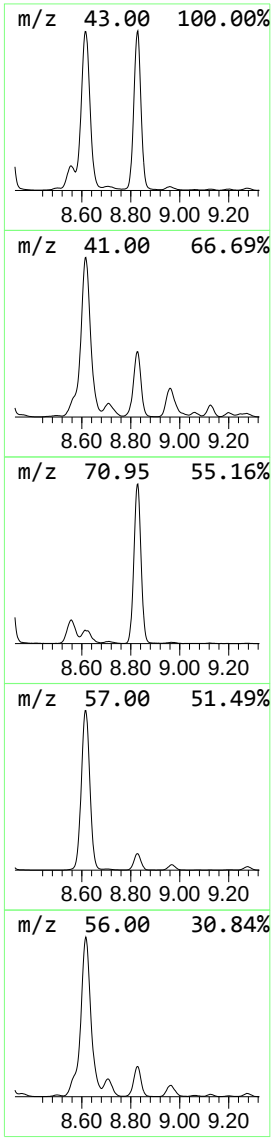
****

Peak Number 2 Heptane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.826	34.46 ug/l	6475930	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





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Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

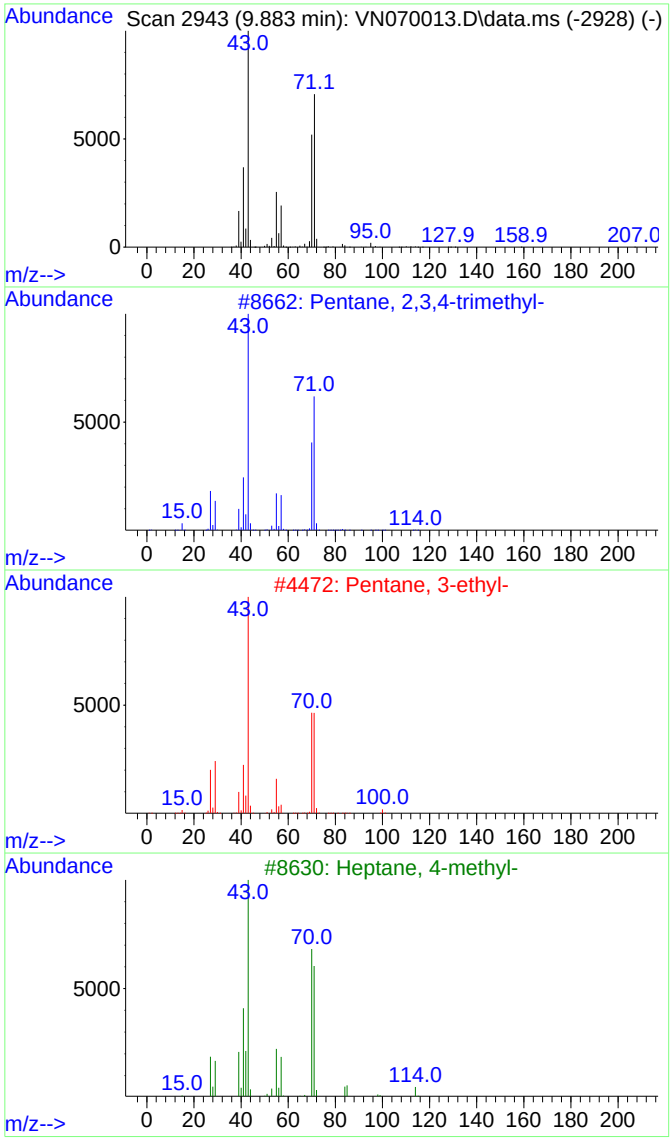
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

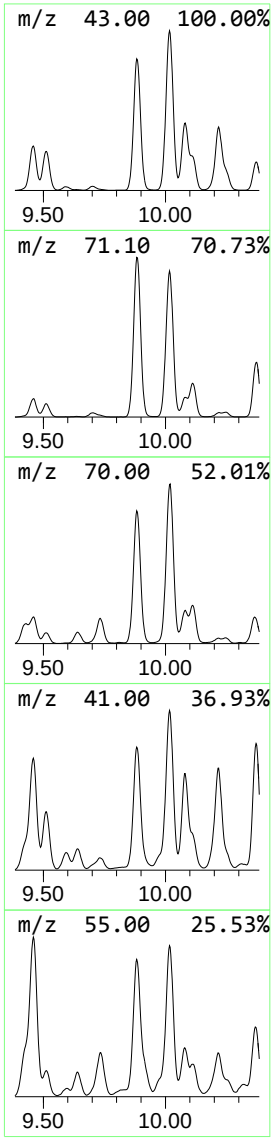
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	57.21 ug/l	10751900	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	74
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
5	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64





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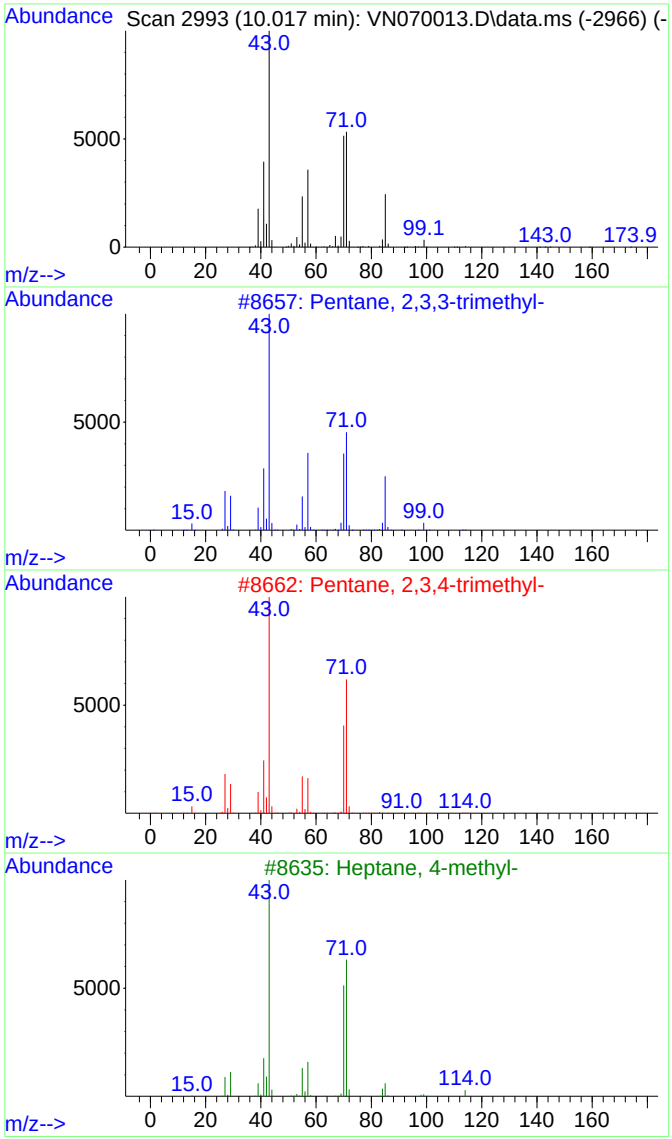
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

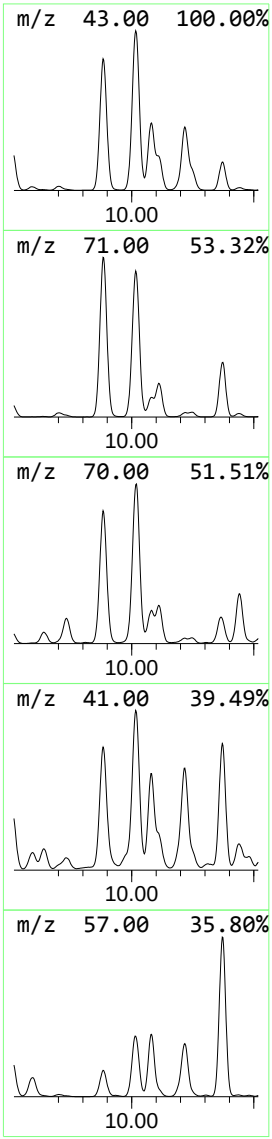
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	85.83 ug/l	16130800	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	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pyrrolidine	71	C4H9N	000123-75-1	53
5	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	47





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Operator : JC/MD
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

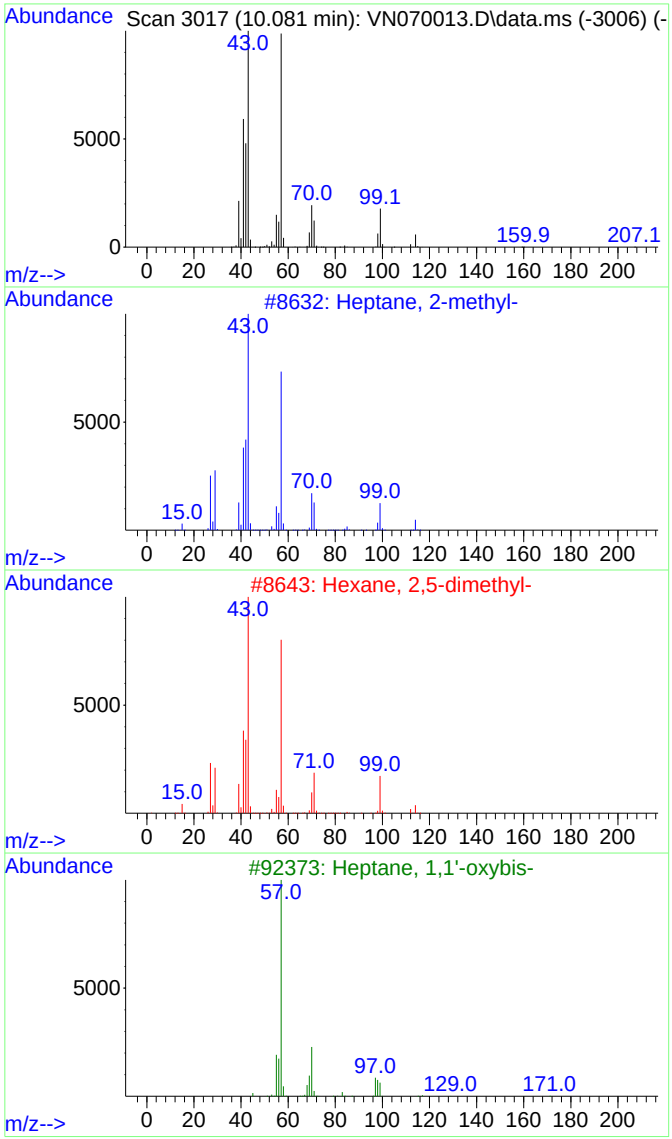
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

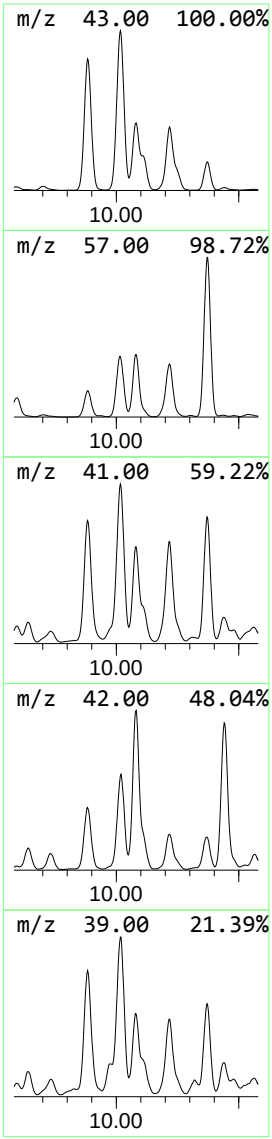
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	45.59 ug/l	8567710	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43
5	2-Piperidinone	99	C5H9NO	000675-20-7	40





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

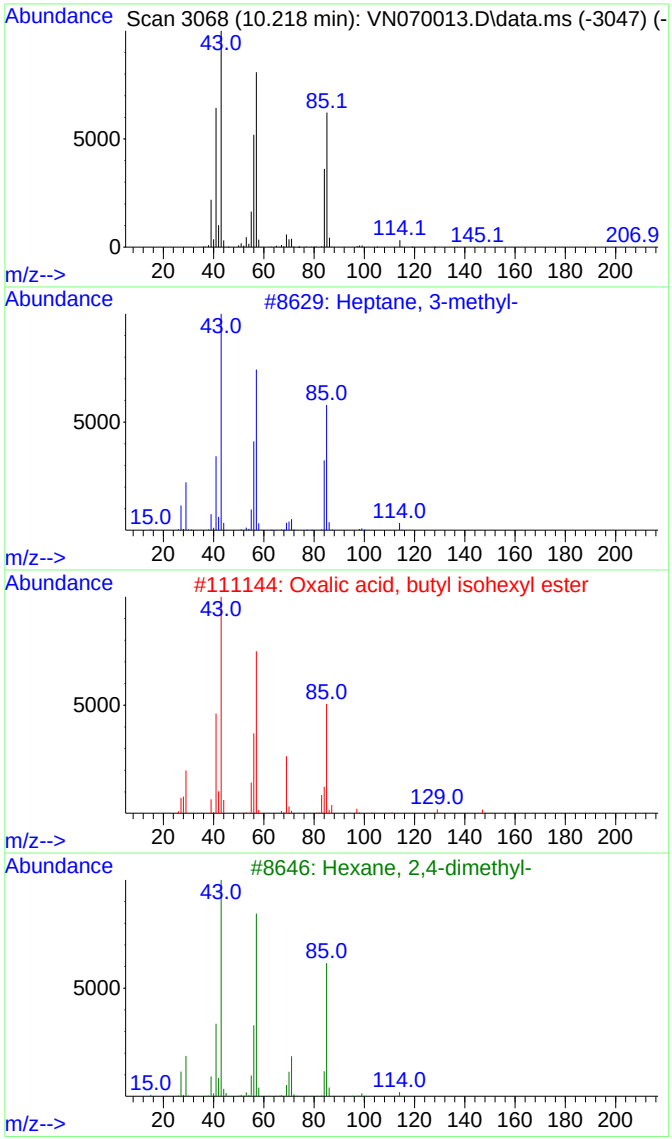
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

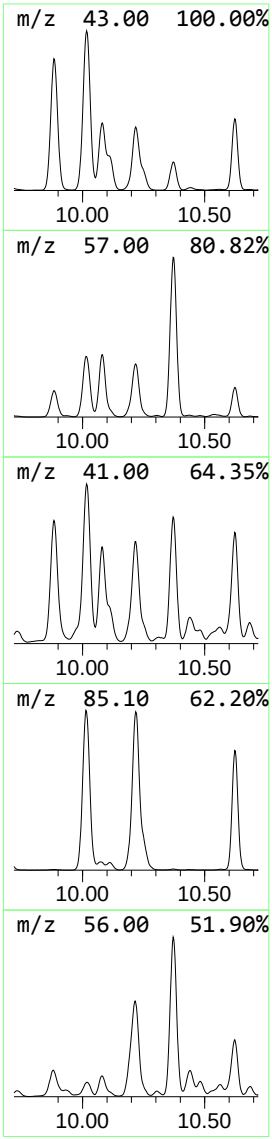
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.218	42.47 ug/l	7981350	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





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Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

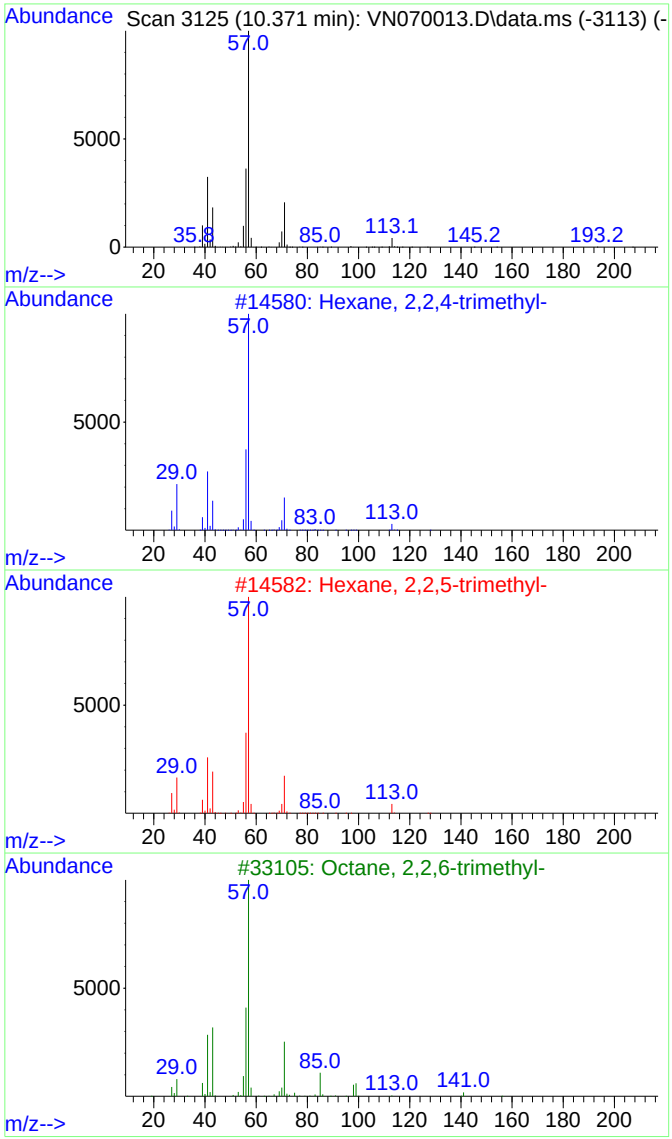
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

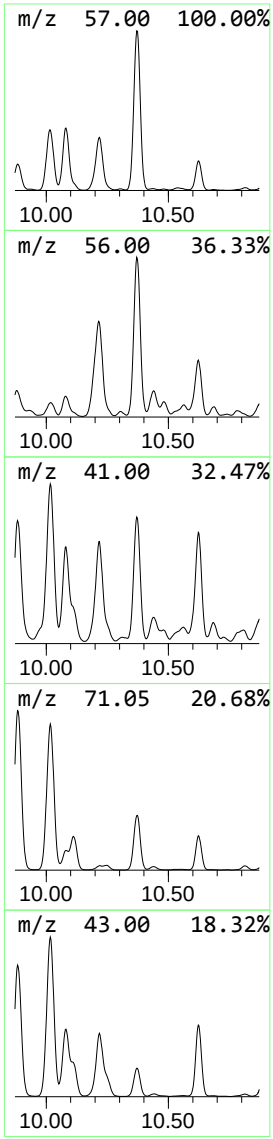
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 2,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.371	39.00 ug/l	7775410	Chlorobenzene-d5	11.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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

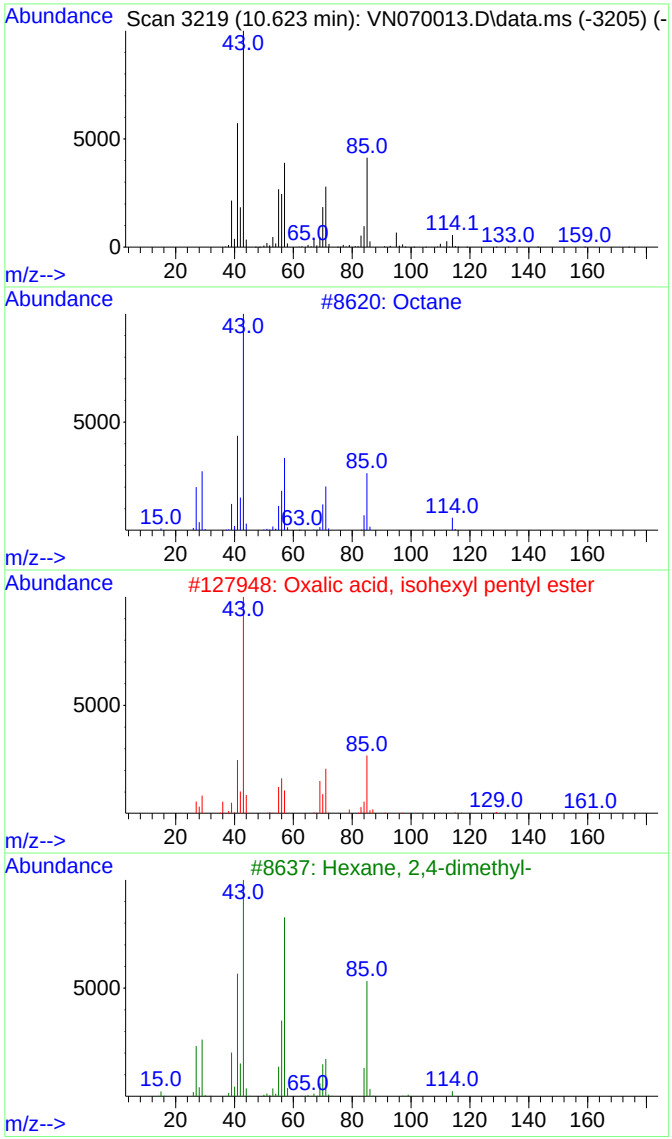
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

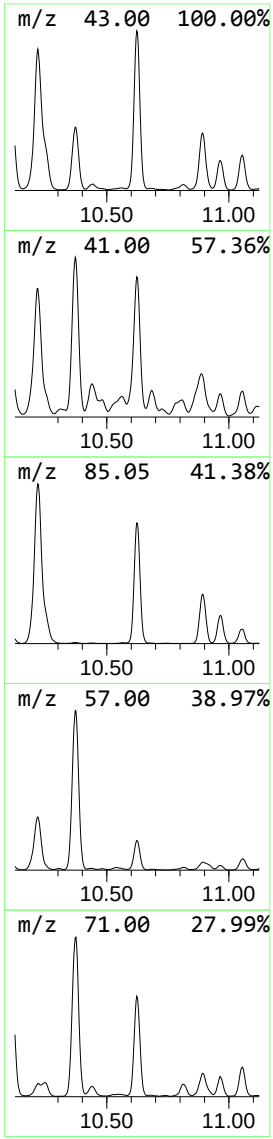
****

Peak Number 8 Octane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.623	35.21 ug/l	7019400	Chlorobenzene-d5	11.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

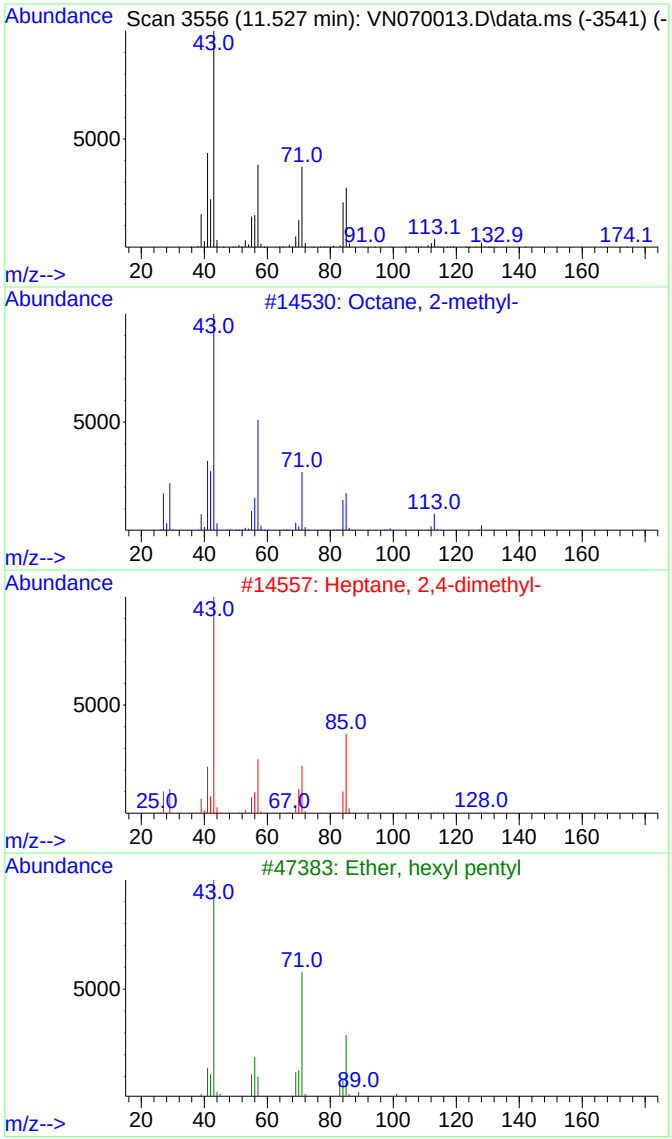
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

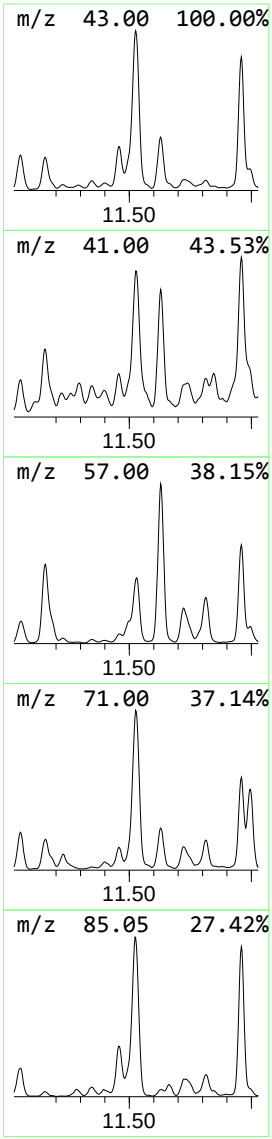
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.527	35.61 ug/l	7099450	Chlorobenzene-d5	11.746

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	53
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Octane	114	C8H18	000111-65-9	53





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

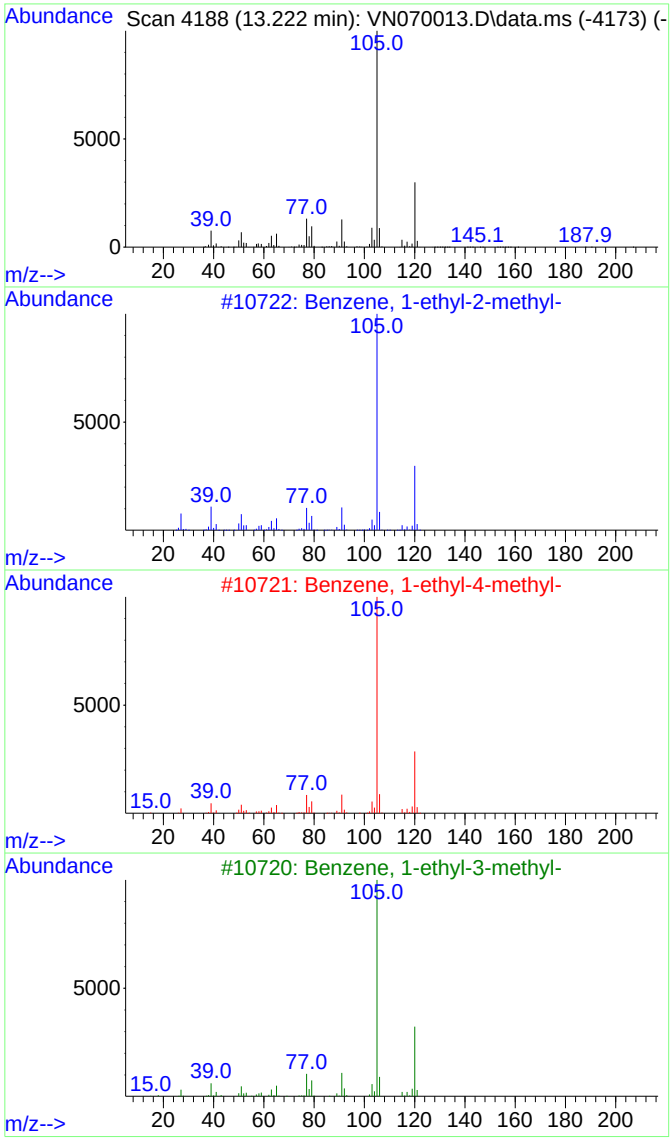
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

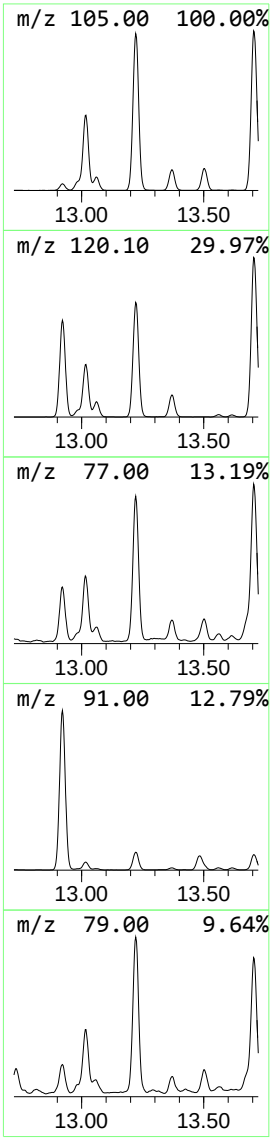
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	67.19 ug/l	10297700	1,4-Dichlorobenzene-d4	13.675

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	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

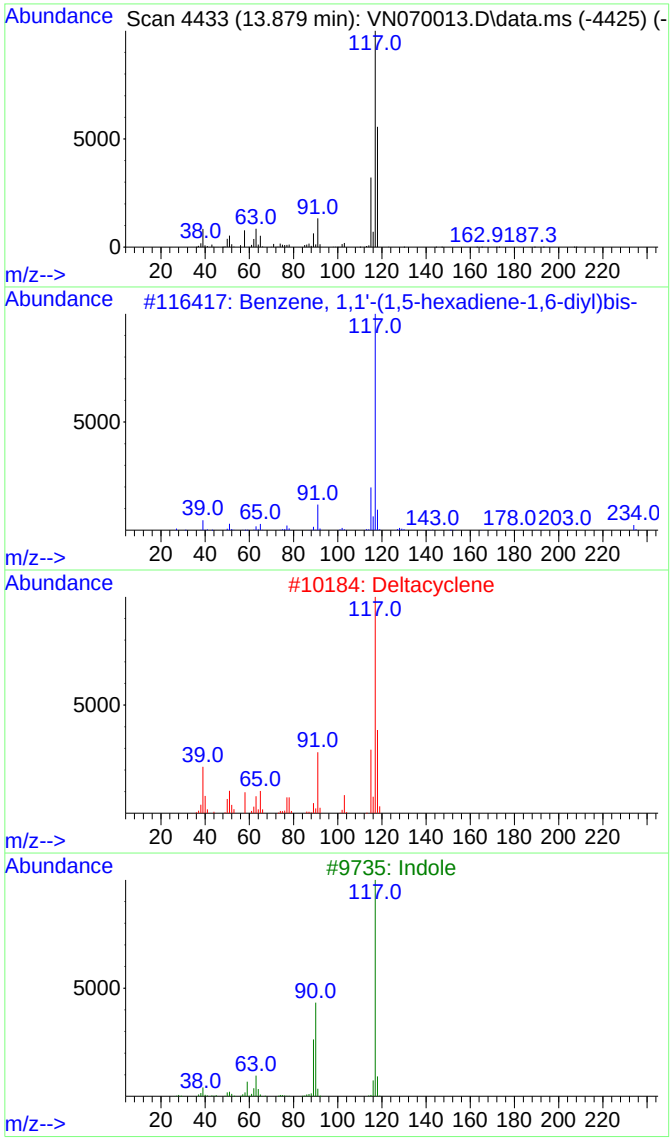
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

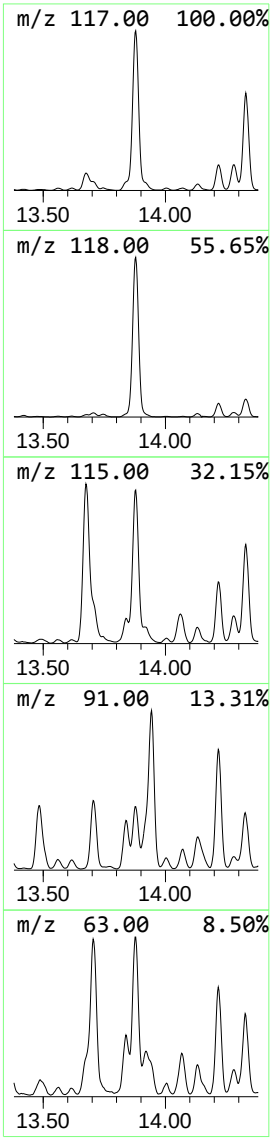
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	42.63 ug/l	6534190	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Deltacyclene	118	C9H10	007785-10-6	53
3	Indole	117	C8H7N	000120-72-9	49
4	4-Ethynylaniline	117	C8H7N	014235-81-5	43
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

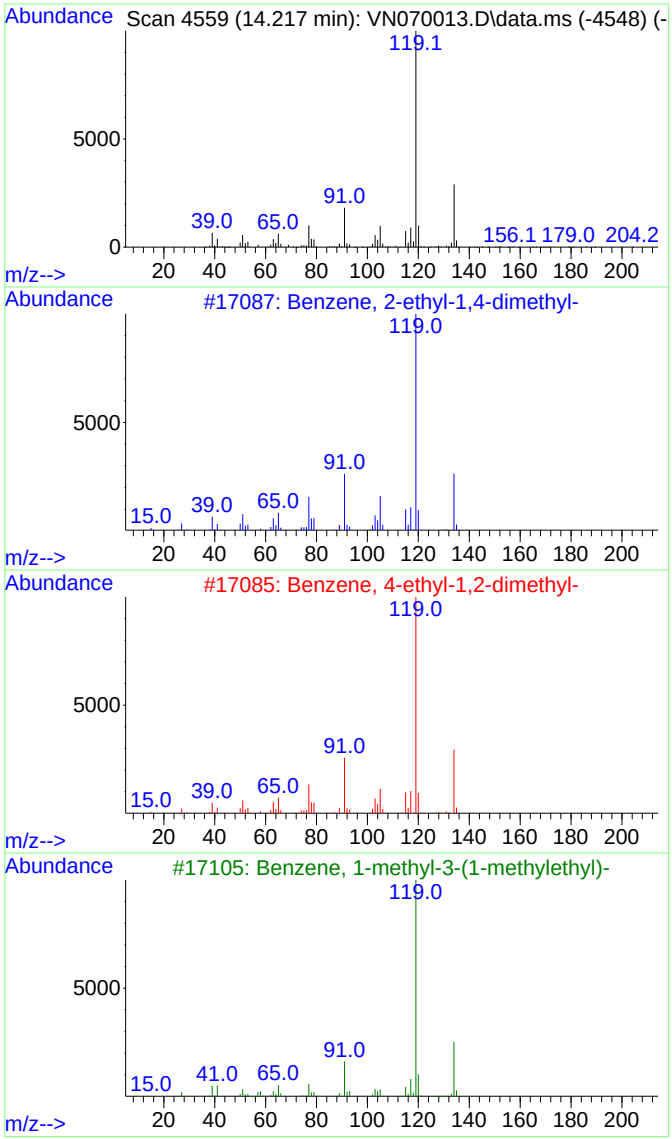
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

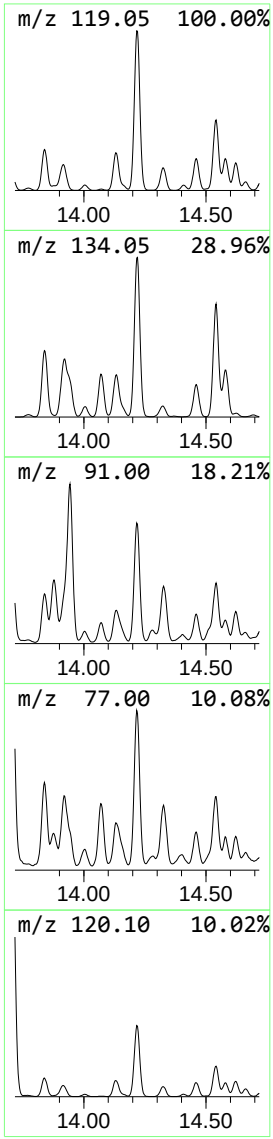
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	63.99 ug/l	9807110	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

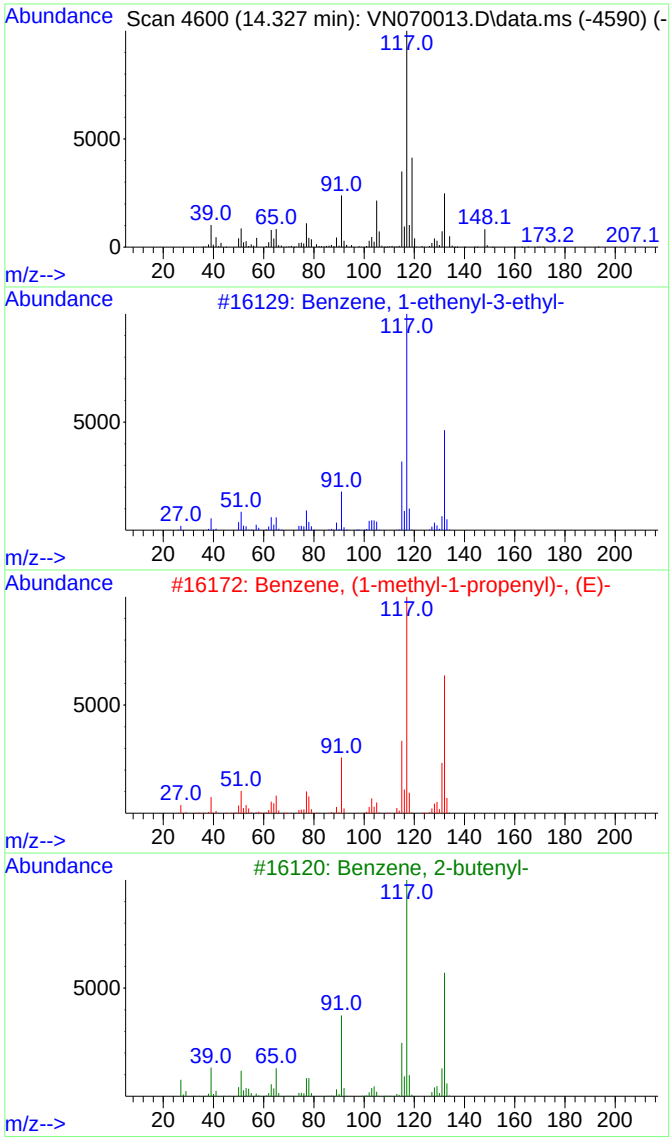
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

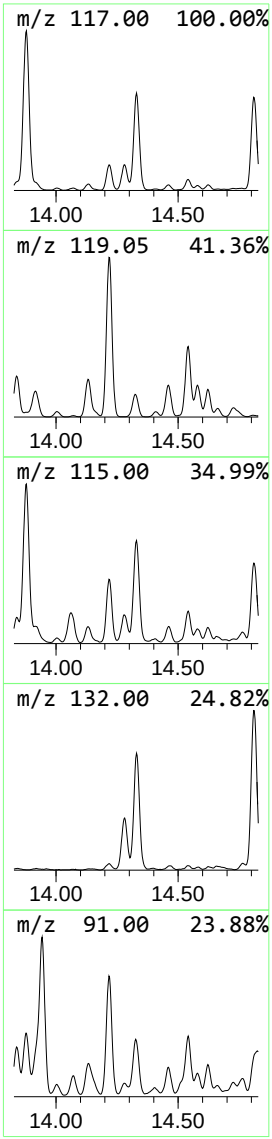
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	36.68 ug/l	5622480	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

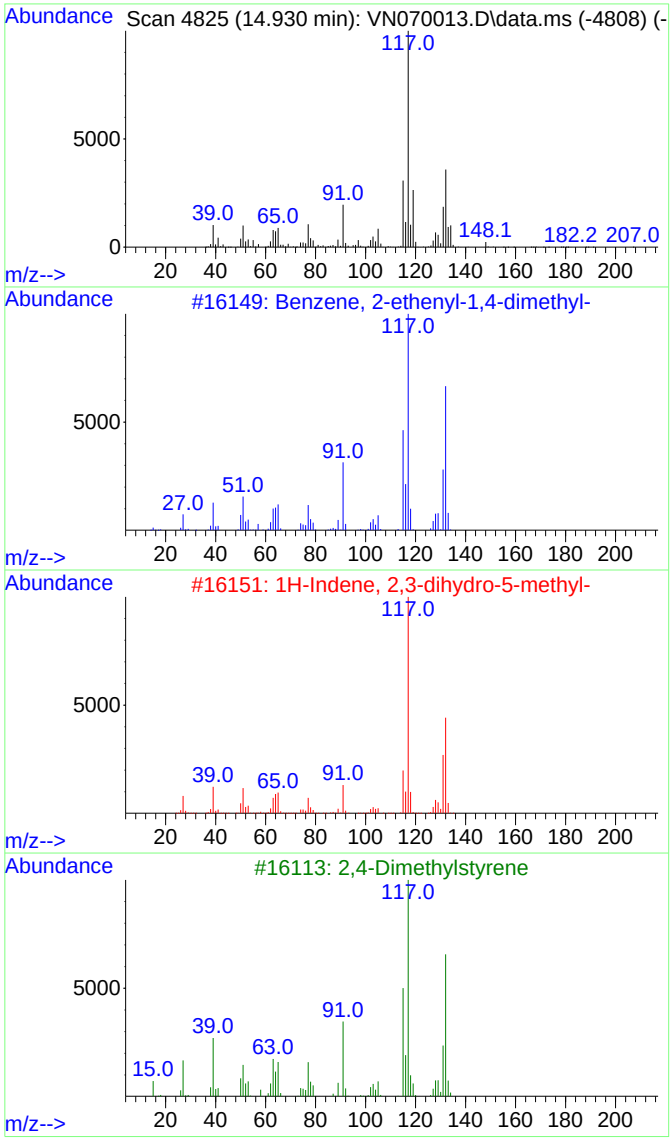
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

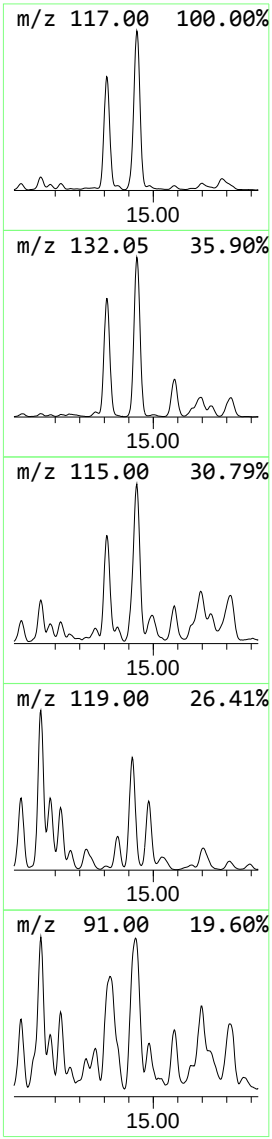
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	70.48 ug/l	10802600	1,4-Dichlorobenzene-d4	13.675

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	93
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81





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Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

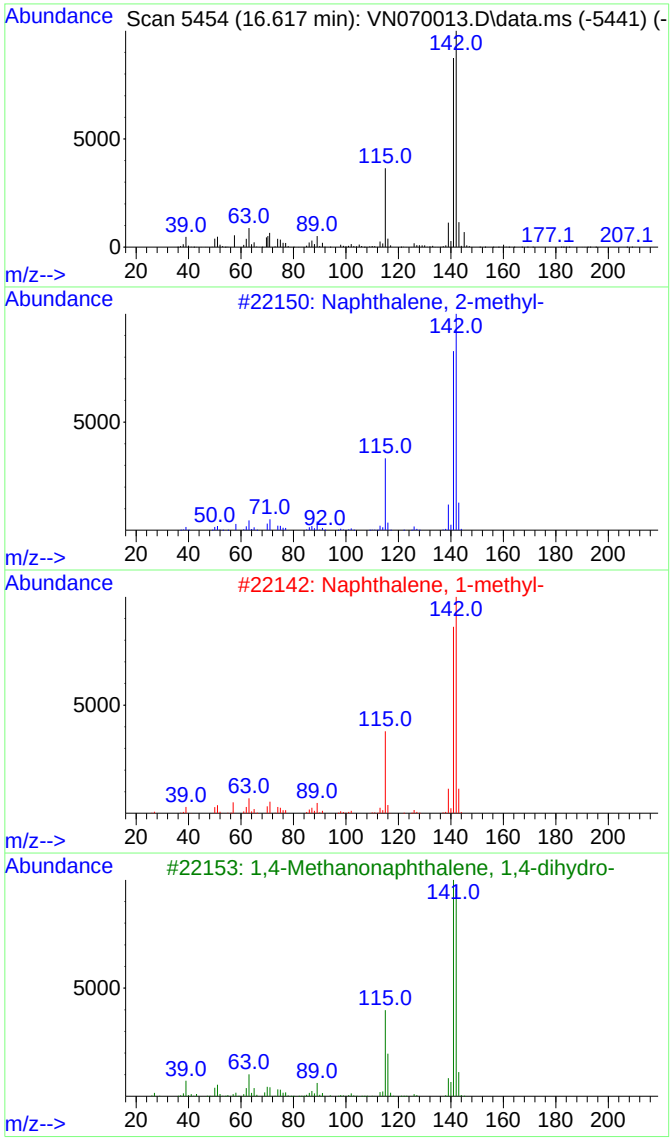
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

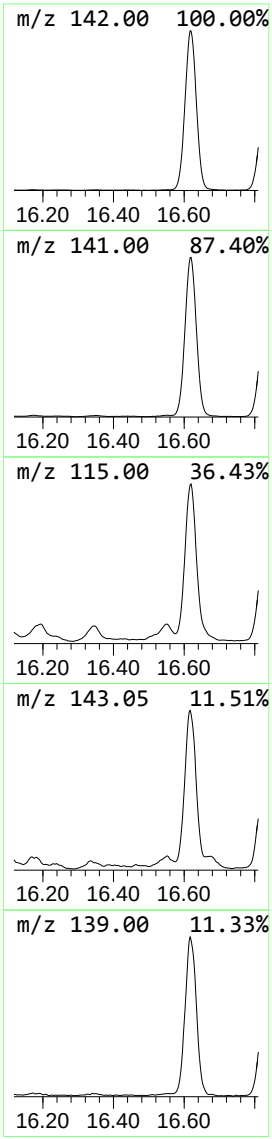
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.617	48.79 ug/l	7477490	1,4-Dichlorobenzene-d4	13.675

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	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070013.D
Acq On : 11 Dec 2021 17:19
Operator : JC/MD
Sample : M4873-04 10X
Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

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
Butane, 2,2,3,3...	8.617	125.0	ug/l	23489400	2	8.968	9396550	50.0
Heptane	8.826	34.5	ug/l	6475930	2	8.968	9396550	50.0
Pentane, 2,3,4-...	9.883	57.2	ug/l	10751900	2	8.968	9396550	50.0
Pentane, 2,3,3-...	10.017	85.8	ug/l	16130800	2	8.968	9396550	50.0
Heptane, 2-methyl-	10.081	45.6	ug/l	8567710	2	8.968	9396550	50.0
Heptane, 3-methyl-	10.218	42.5	ug/l	7981350	2	8.968	9396550	50.0
Hexane, 2,2,4-t...	10.371	39.0	ug/l	7775410	3	11.746	9967740	50.0
Octane	10.623	35.2	ug/l	7019400	3	11.746	9967740	50.0
Octane, 2-methyl-	11.527	35.6	ug/l	7099450	3	11.746	9967740	50.0
Benzene, 1-ethy...	13.222	67.2	ug/l	10297700	4	13.675	7663220	50.0
Benzene, 1,1'-(...	13.879	42.6	ug/l	6534190	4	13.675	7663220	50.0
Benzene, 2-ethy...	14.217	64.0	ug/l	9807110	4	13.675	7663220	50.0
Benzene, 1-ethe...	14.327	36.7	ug/l	5622480	4	13.675	7663220	50.0
Benzene, 2-ethe...	14.930	70.5	ug/l	10802600	4	13.675	7663220	50.0
Naphthalene, 1-...	16.617	48.8	ug/l	7477490	4	13.675	7663220	50.0