LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

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: VN070007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.440	156	168	185	rVB	918578	1418382	3.20%	0.278%
2	3.113	397	419	458	rBV	4619360	11032908	24.92%	2.164%
3	3.497	542	562	597	rVB2	2344792	6073342	13.72%	1.191%
4	3.701	620	638	670	rVB2	413112	1041840	2.35%	0.204%
5	3.878	686	704	721	rBV2	189398	479657	1.08%	0.094%
6	3.977	721	741	786	rVB2	739436	2047912	4.63%	0.402%
7	4.240	812	839	872	rBV4	202729	710869	1.61%	0.139%
8	4.945	1062	1102	1121	rBV7	175224	713312	1.61%	0.140%
9	5.074	1122	1150	1154	rBV4	1036478	2875096	6.49%	0.564%
10	5.610	1315	1350	1387	rBV2	1895327	6634353	14.99%	1.301%
11	5.927	1441	1468	1496	rBV4	302898	991300	2.24%	0.194%
12	6.114	1510	1538	1575	rBV2	1934912	5962431	13.47%	1.169%
13	6.283	1579	1601	1620	rBV3	301613	901380	2.04%	0.177%
14	6.399	1622	1644	1654	rBV2	405751	1190816	2.69%	0.234%
15	6.603	1697	1720	1739	rBV4	350063	1098397	2.48%	0.215%
16	6.734	1741	1769	1785	rVV5	200871	840384	1.90%	0.165%
17	6.898	1807	1830	1858	rVB3	708890	2132345	4.82%	0.418%
18	7.042	1859	1884	1903	rBV	1595538	4807533	10.86%	0.943%
19	7.144	1903	1922	1942	rVV	1868269	5151857	11.64%	1.010%
20	7.842	2167	2182	2201	rVB	888441	2195010	4.96%	0.430%
21	8.072	2232	2268	2289	rBV6	4058978	14581709	32.94%	2.860%
22	8.174	2290	2306	2331	rVB2	3722288	9643922	21.78%	1.891%
23	8.295	2331	2351	2371	rBV	3174875	7376797	16.66%	1.447%
24	8.450	2388	2409	2434	rBV3	1696478	5135974	11.60%	1.007%
25	8.617	2436	2471	2494	rBV	8430689	24895180	56.24%	4.882%
26	8.708	2496	2505	2527	rVB3	698198	1706208	3.85%	0.335%
27	8.826	2528	2549	2579	rVB	2759762	6569042	14.84%	1.288%
28	8.965	2581	2601	2616	rBV3	4121038	9500342	21.46%	1.863%
29	9.124	2649	2660	2675	rVB2	410684	784513	1.77%	0.154%
30	9.242	2675	2704	2747	rVB9	489834	2109834	4.77%	0.414%
31	9.459	2750	2785	2796	rBV2	4295938	10712471	24.20%	2.101%
32	9.513	2797	2805	2821	rVB2	1900437	3571398	8.07%	0.700%
33	9.593	2822	2835	2843	rBV	514101	1014115	2.29%	0.199%
34	9.641	2845	2853	2866	rVB2	591703	1068355	2.41%	0.210%
35	9.732	2866	2887	2902	rVB5	492271	1193961	2.70%	0.234%
36	9.883	2927	2943	2964	rVB	5331488	10895543	24.61%	2.137%

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A2-9-6.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Title : SW846 8260

37	10.017	2965	2993	3006	rBV2	7106295	16531549	37.34%	3.242%
38	10.078	3007	3016	3026	rBV	1881692	3221241	7.28%	0.632%
39	10.215	3048	3067	3093	rBV2	2518074	6045803	13.66%	1.186%
40	10.320	3094	3106	3112	rBV2	426313	750667	1.70%	0.147%
41	10.371	3113	3125	3138	rVB	4170540	7439153	16.80%	1.459%
42	10.441	3138	3151	3162	rBV	5204015	9691281	21.89%	1.900%
43	10.505	3163	3175	3191	rVB	10557434	19107879	43.16%	3.747%
44	10.623	3205	3219	3234	rVB2	2894202	5886972	13.30%	1.154%
45	10.786	3270	3280	3285	rBV5	329157	555734	1.26%	0.109%
46	10.888	3297	3318	3335	rVB7	1356241	4073958	9.20%	0.799%
47	10.963	3337	3346	3359	rVB2	545468	975324	2.20%	0.191%
48	11.052	3360	3379	3392	rBV4	573077	1220430	2.76%	0.239%
49	11.154	3393	3417	3433	rBV	931875	2634308	5.95%	0.517%
50	11.457	3521	3530	3539	rBV2	529908	802276	1.81%	0.157%
51	11.527	3540	3556	3582	rVB3	2004052	5019696	11.34%	0.984%
52	11.629	3582	3594	3616	rBV	1563974	2858981	6.46%	0.561%
53	11.744	3620	3637	3652	rBV	5381914	10036822	22.67%	1.968%
54	11.846	3656	3675	3694	rVB	7463671	13354790	30.17%	2.619%
55	11.950	3697	3714	3740	rBV	22250227	44269835	100.00%	8.681%
56	12.184	3793	3801	3813	rVB5	437959	718924	1.62%	0.141%
57	12.280	3818	3837	3855	rVB	8511542	15638492	35.33%	3.067%
58	12.366	3862	3869	3880	rVB	625560	1004319	2.27%	0.197%
59	12.581	3940	3949	3958	rBV	892055	1516862	3.43%	0.297%
60	12.731	3994	4005	4016	rVB2	3815243	6436258	14.54%	1.262%
61	12.921	4065	4076	4086	rVB	3640433	5688047	12.85%	1.115%
62	12.983	4086	4099	4107	rBV	12951675	21992409	49.68%	4.313%
63	13.058	4119	4127	4143	rVB2	7879673	13592183	30.70%	2.665%
64	13.222	4174	4188	4204	rBV	4761731	8367564	18.90%	1.641%
65	13.369	4229	4243	4271	rVB	20216929	34361400	77.62%	6.738%
66	13.608	4326	4332	4340	rBV5	424840	596561	1.35%	0.117%
67	13.675	4346	4357	4363	rBV	5052880	8401563	18.98%	1.648%
68	13.839	4408	4418	4421	rBV	1567776	2029083	4.58%	0.398%
69	13.873	4422	4431	4438	rVV3	5324392	9669557	21.84%	1.896%
70	13.911	4439	4445	4466	rVB5	4662043	9093155	20.54%	1.783%
71	13.994	4467	4476	4488	rVB3	2042751	3042410	6.87%	0.597%
72	14.069	4497	4504	4515	rVB	1025394	1542063	3.48%	0.302%
73	14.131	4517	4527	4532	rBV	2206475	3364232	7.60%	0.660%
74	14.217	4549	4559	4572	rVB	3933084	6016963	13.59%	1.180%
75	14.327	4590	4600	4612	rVB3	2217188	3673340	8.30%	0.720%
76	14.461	4641	4650	4660	rBV2	835284	1399199	3.16%	0.274%

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A2-9-6.5

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

77	14.541	4673	4680	4687	rBV	1258216	1678999	3.79%	0.329%
78	14.579	4687	4694	4703	rVB	2373635	3230291	7.30%	0.633%
79	14.622	4704	4710	4718	rVV2	992709	1211113	2.74%	0.238%
80	14.662	4720	4725	4739	rVB4	875966	1363268	3.08%	0.267%
81	14.764	4756	4763	4771	rVB	631301	787301	1.78%	0.154%
82	14.809	4771	4780	4789	rBV3	1688440	3063148	6.92%	0.601%
83	14.930	4808	4825	4837	rBV5	2813215	7007554	15.83%	1.374%
84	15.196	4917	4924	4936	rVB5	808774	1180146	2.67%	0.231%
85	15.314	4957	4968	4982	rVB5	1021640	2250944	5.08%	0.441%
86	15.504	5031	5039	5052	rVB	1578615	2705542	6.11%	0.531%
87	15.807	5143	5152	5169	rVB3	631143	1257555	2.84%	0.247%
88	16.620	5442	5455	5471	rBV	1207920	2520946	5.69%	0.494%

Sum of corrected areas: 509936578

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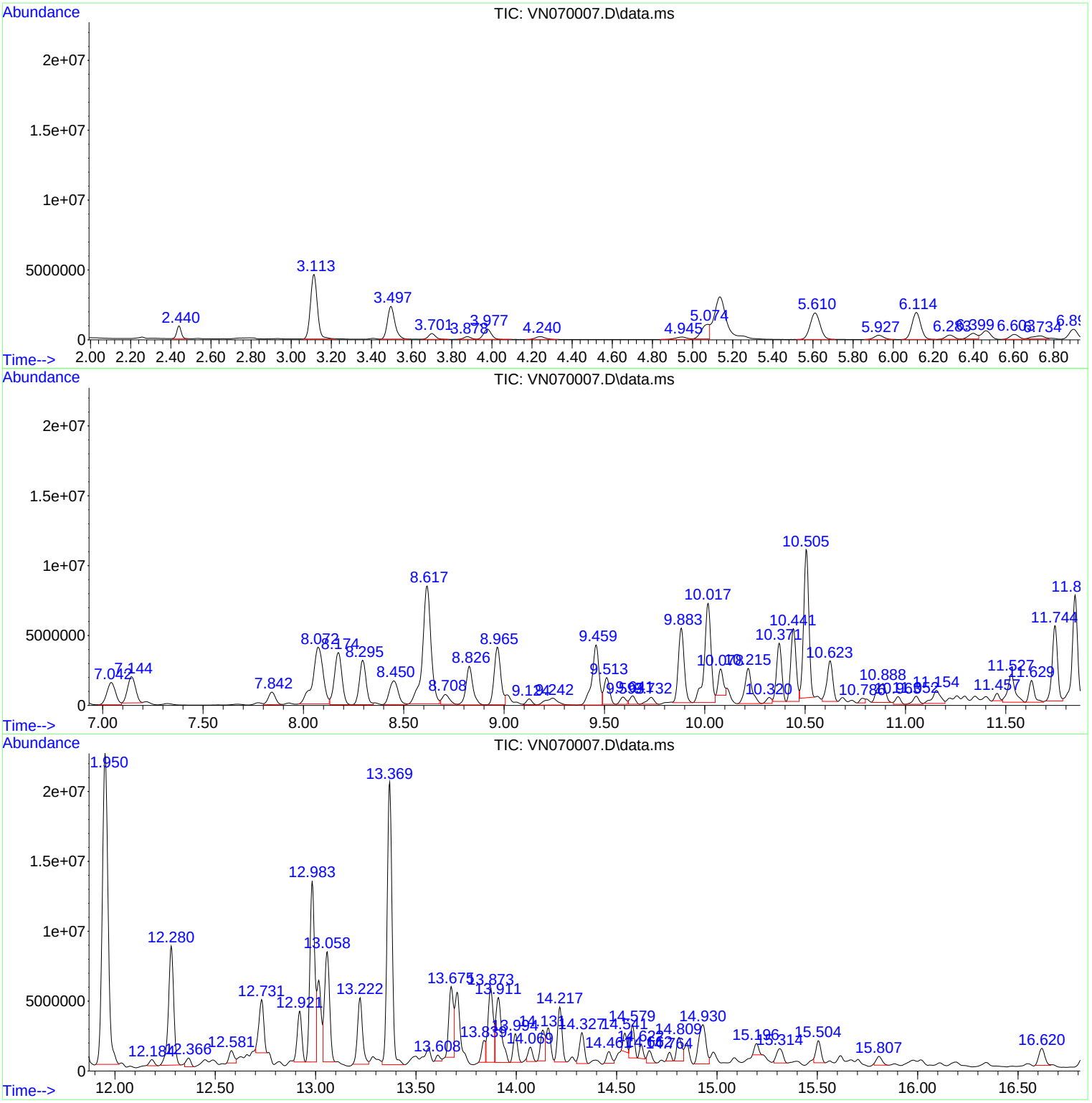
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

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\
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Instrument :
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ClientSampleId :
A2-9-6.5

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

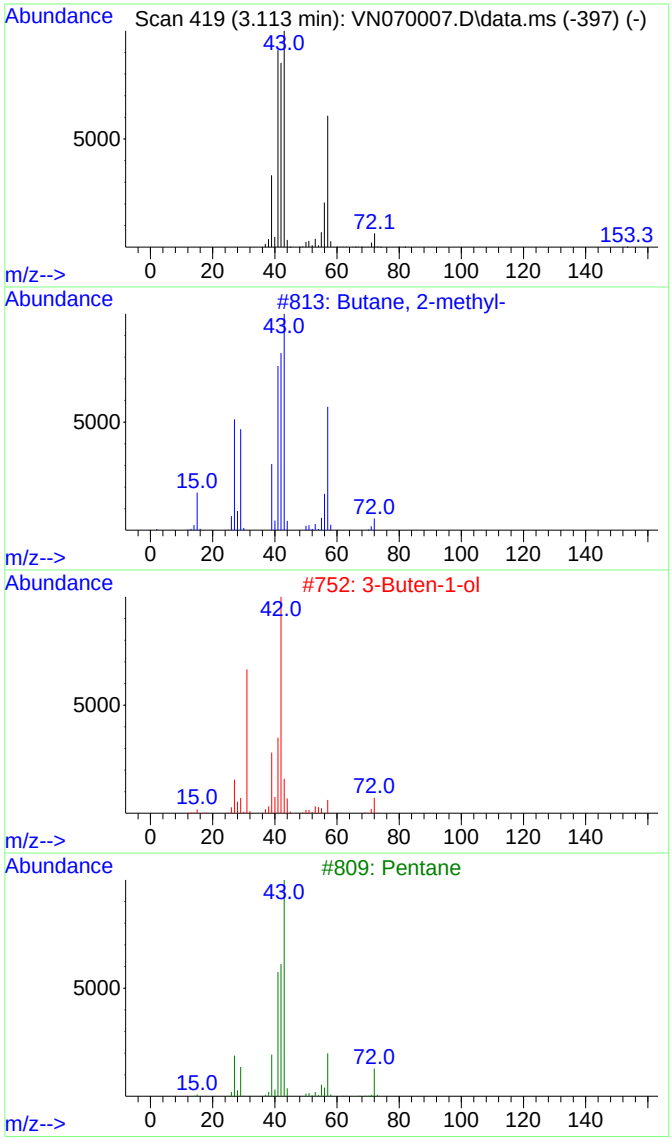
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

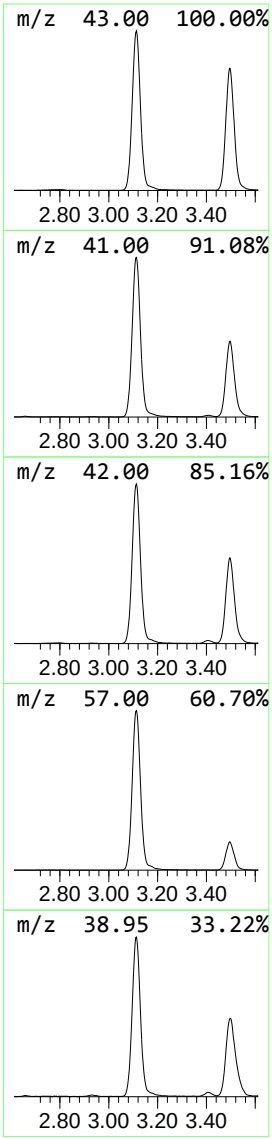
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.113	37.83 ug/l	11032900	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Azetidine	57	C3H7N	000503-29-7	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





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Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

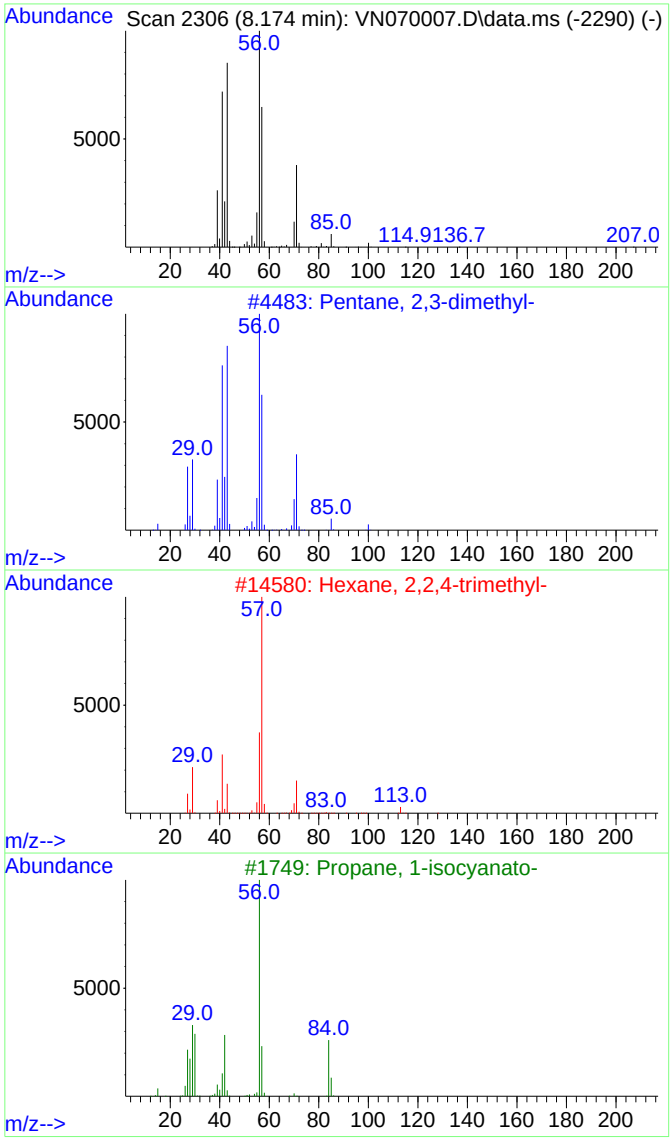
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

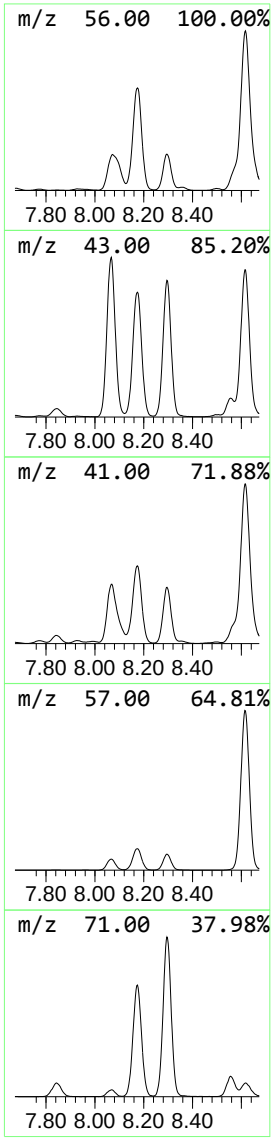
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	33.07 ug/l	9643920	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38





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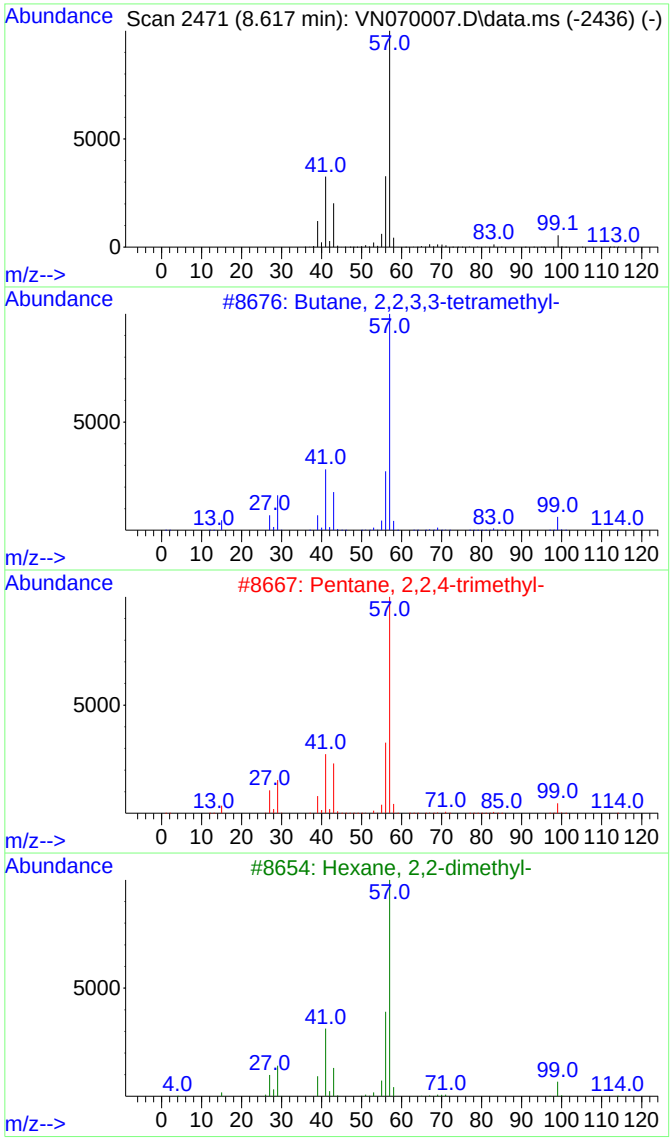
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

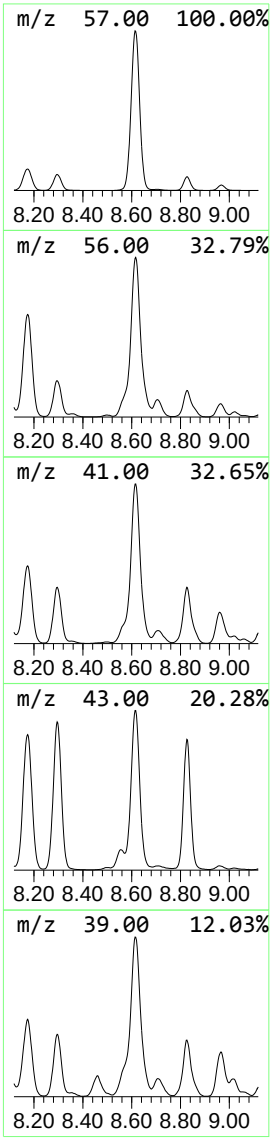
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.617	131.02 ug/l	24895200	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	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	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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Instrument :
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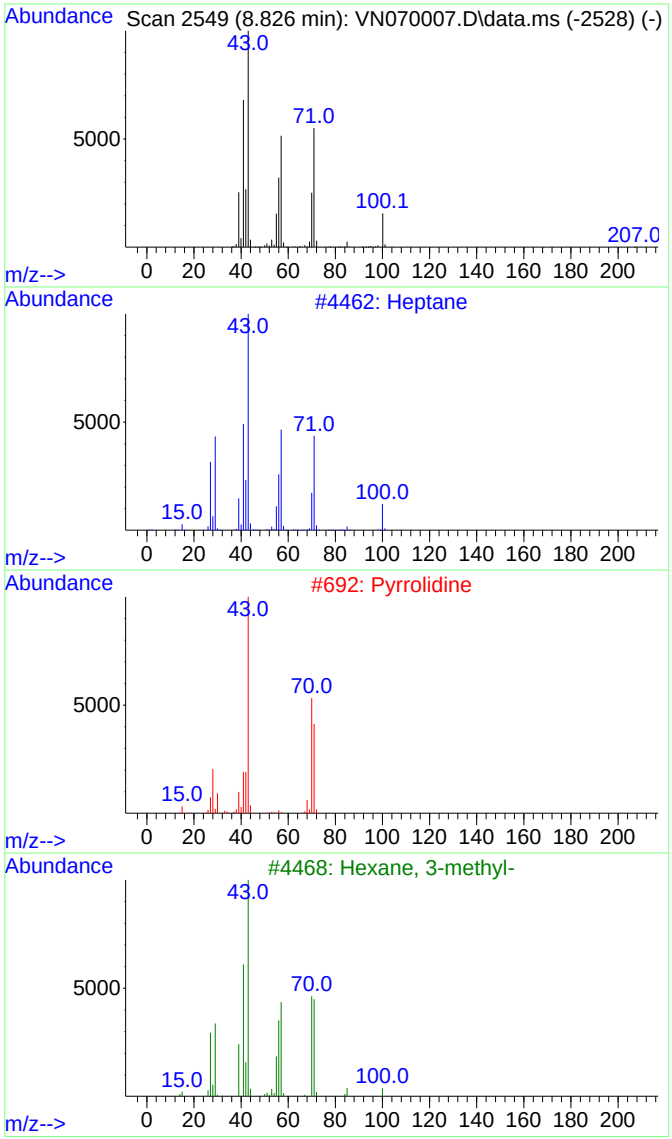
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

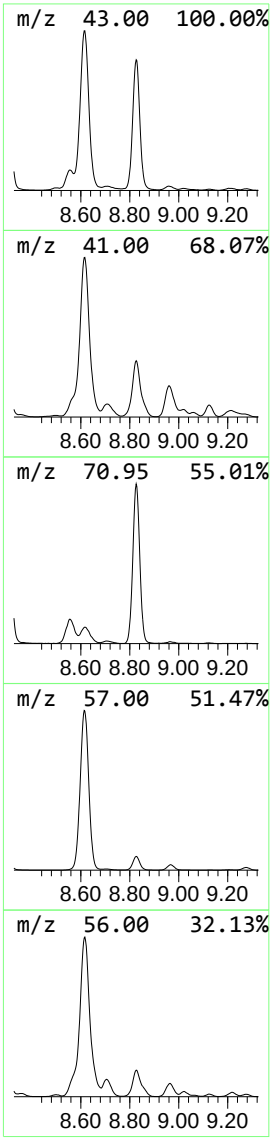
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.826	34.57 ug/l	6569040	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Pyrrolidine	71	C4H9N	000123-75-1	43
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38





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Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

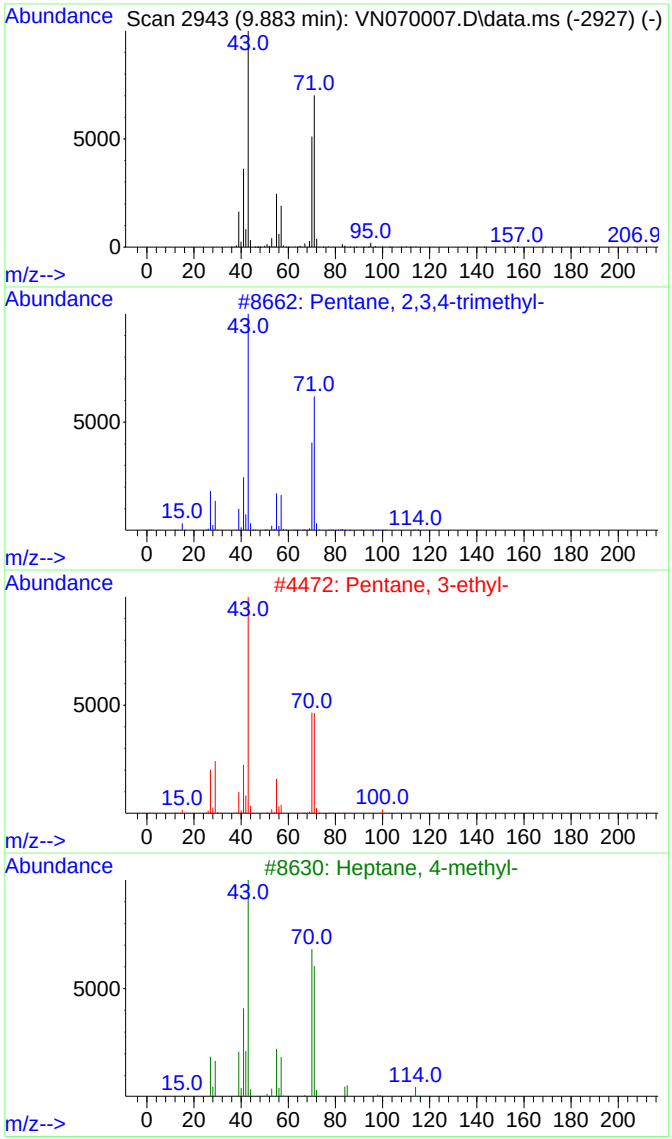
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

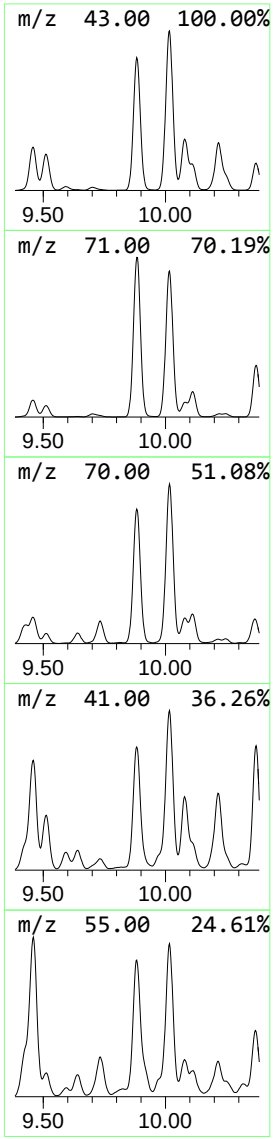
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	57.34 ug/l	10895500	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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Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

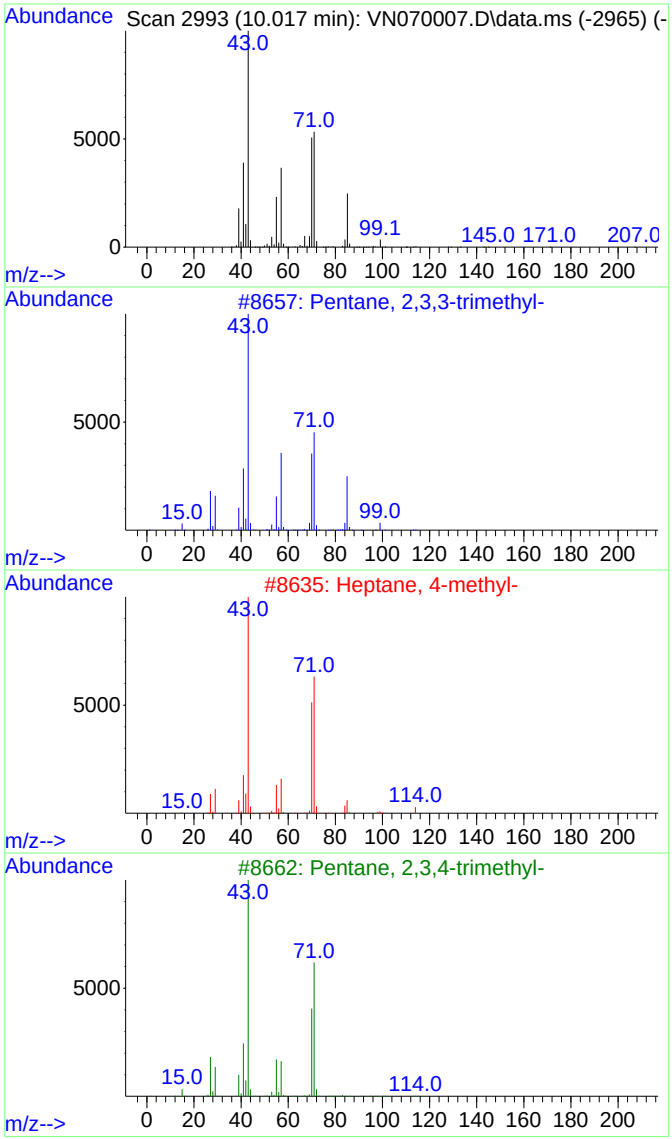
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

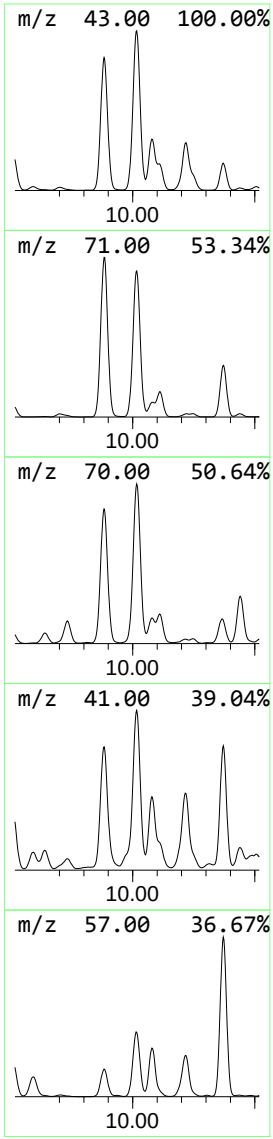
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	87.00 ug/l	16531500	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	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59





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Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

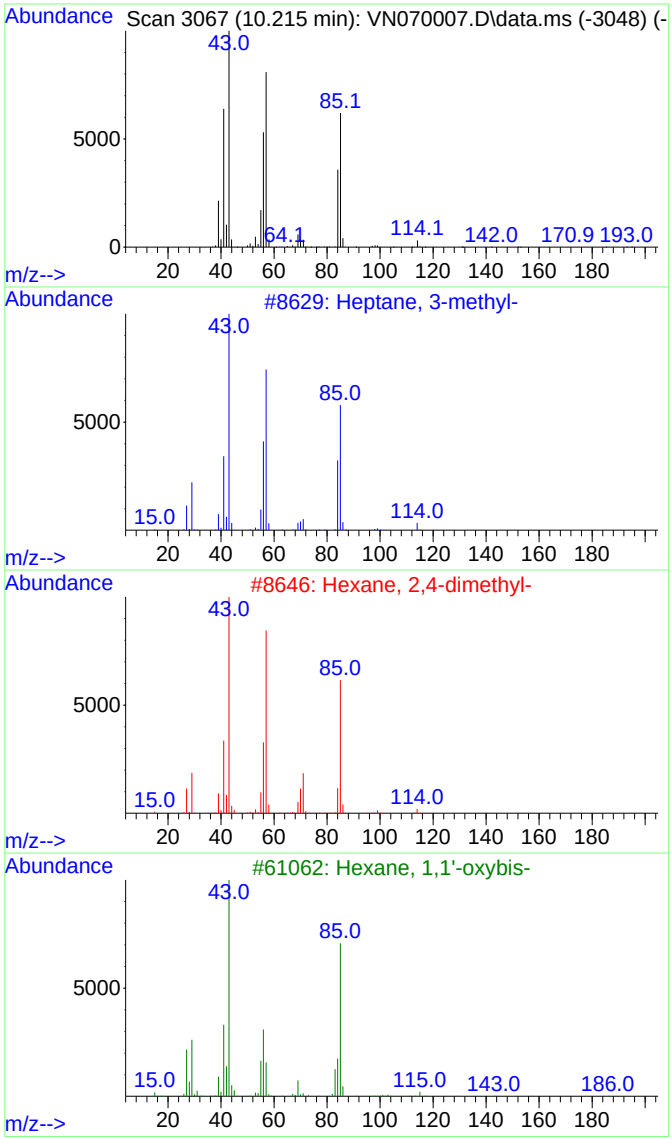
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

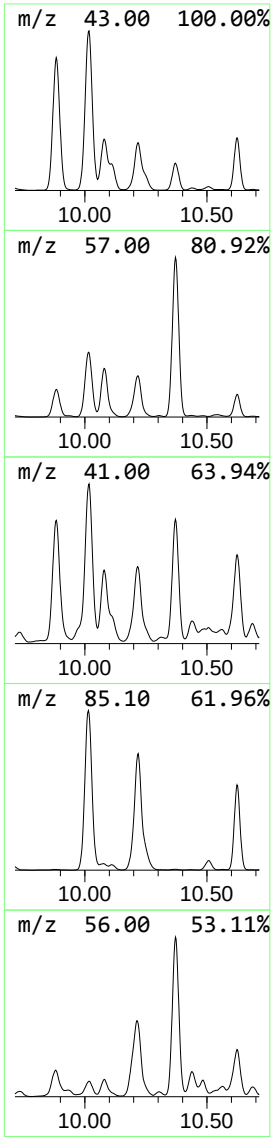
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.215	31.82 ug/l	6045800	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	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	50





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Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

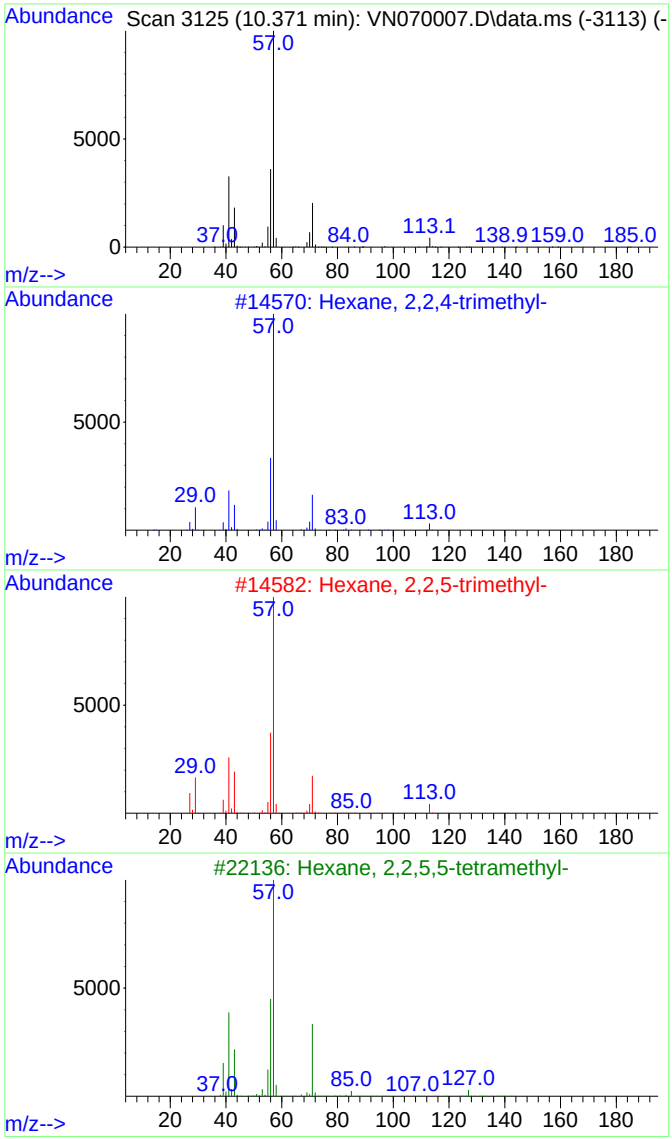
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

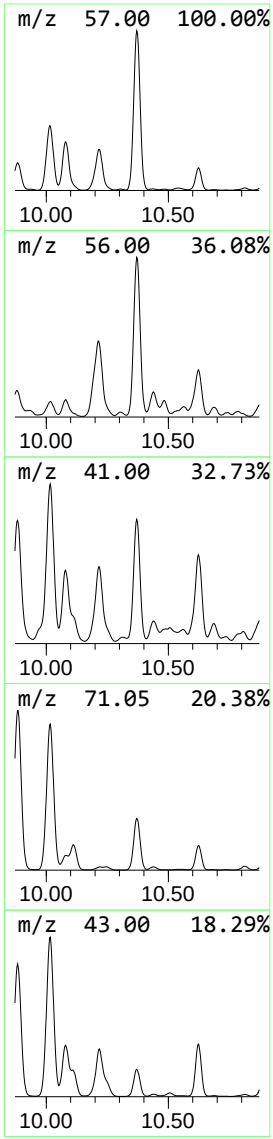
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexane, 2,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.371	37.06 ug/l	7439150	Chlorobenzene-d5	11.747

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	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59





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Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

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

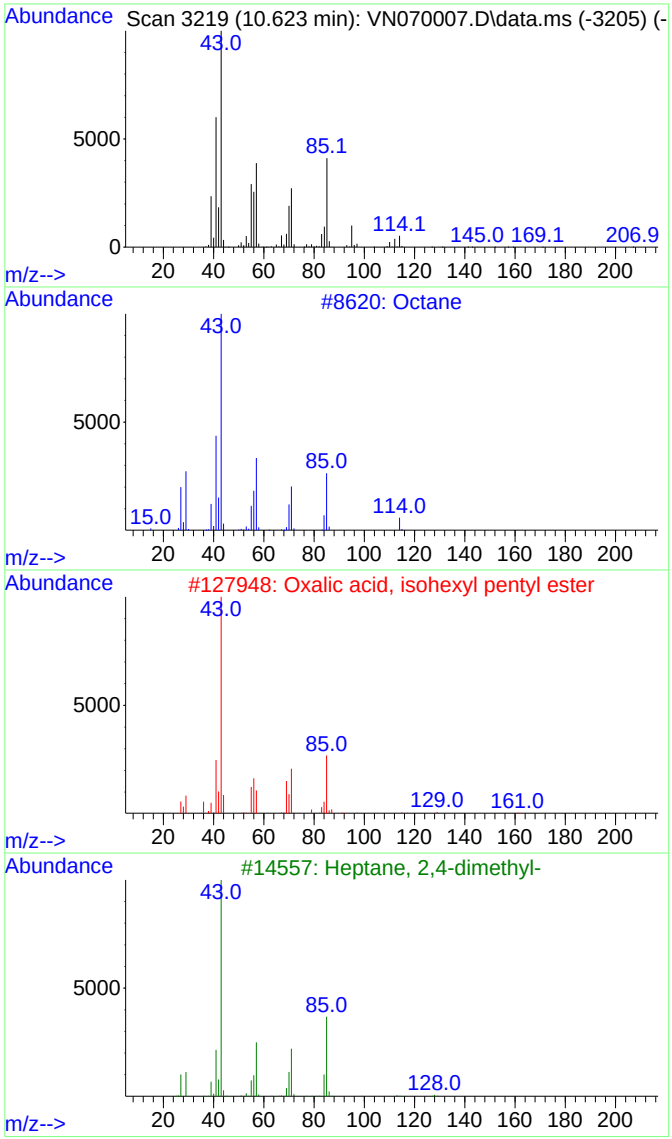
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

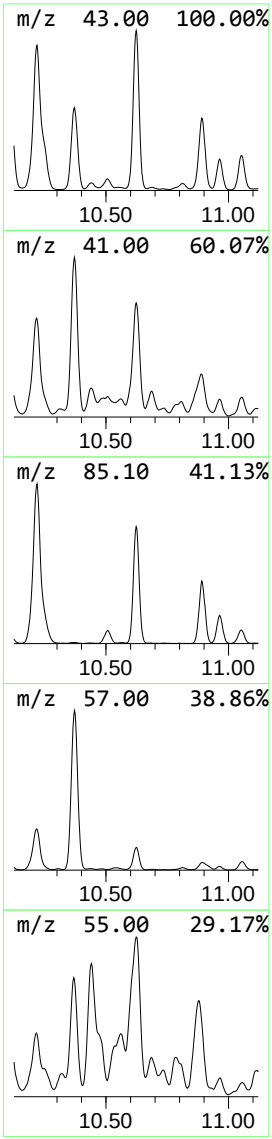
****

Peak Number 9 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.623	29.33 ug/l	5886970	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





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Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

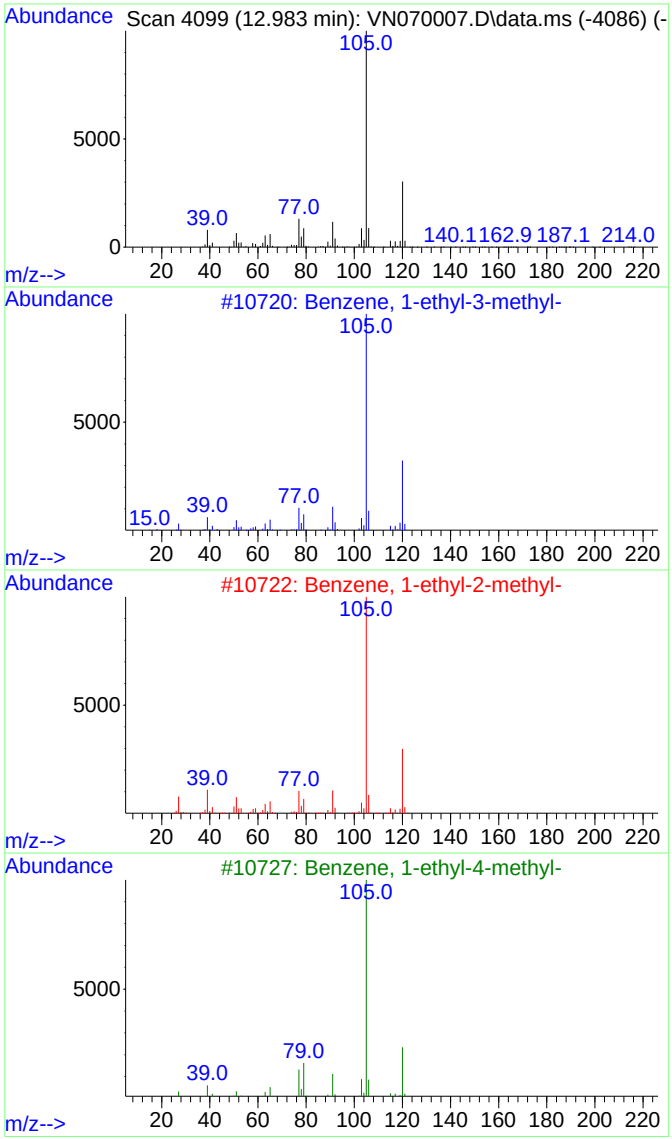
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

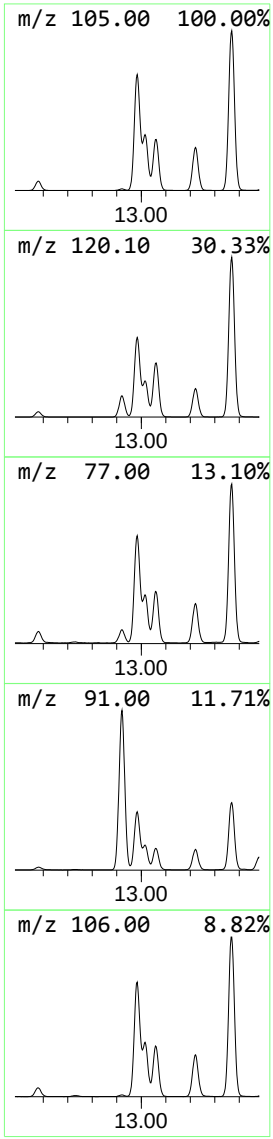
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	130.88 ug/l	21992400	1,4-Dichlorobenzene-d4	13.675

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

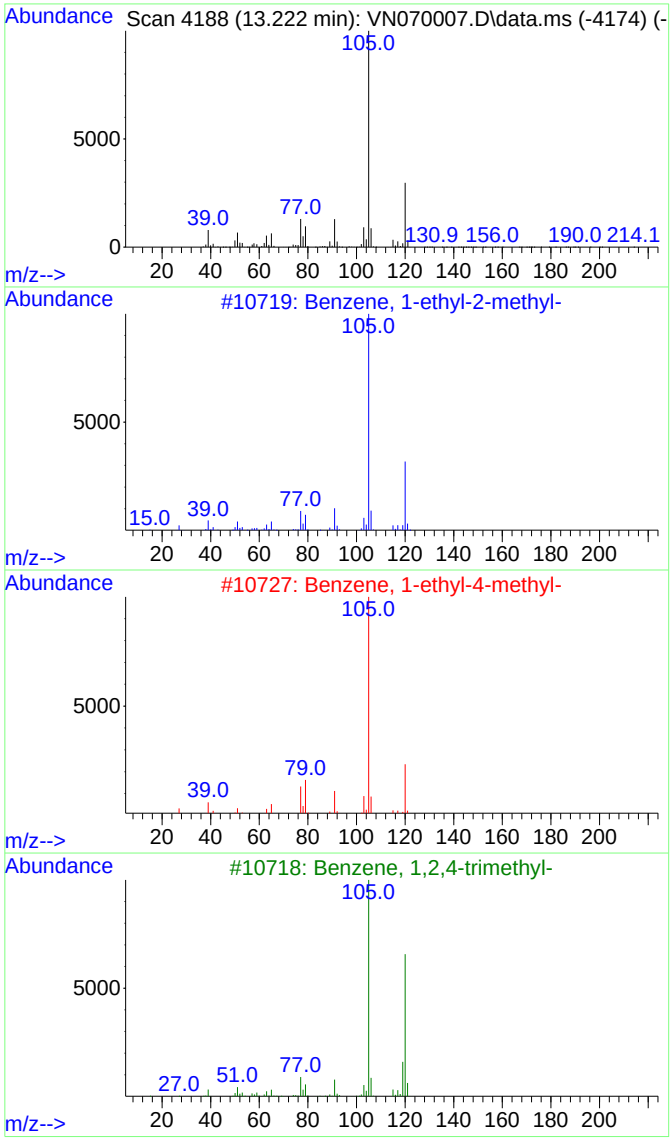
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

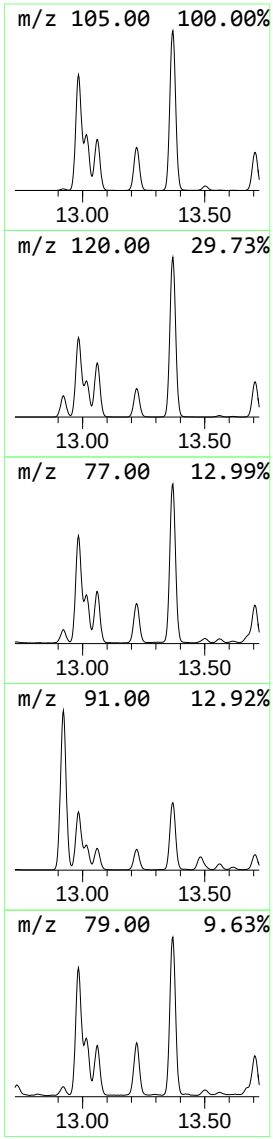
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	49.80 ug/l	8367560	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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

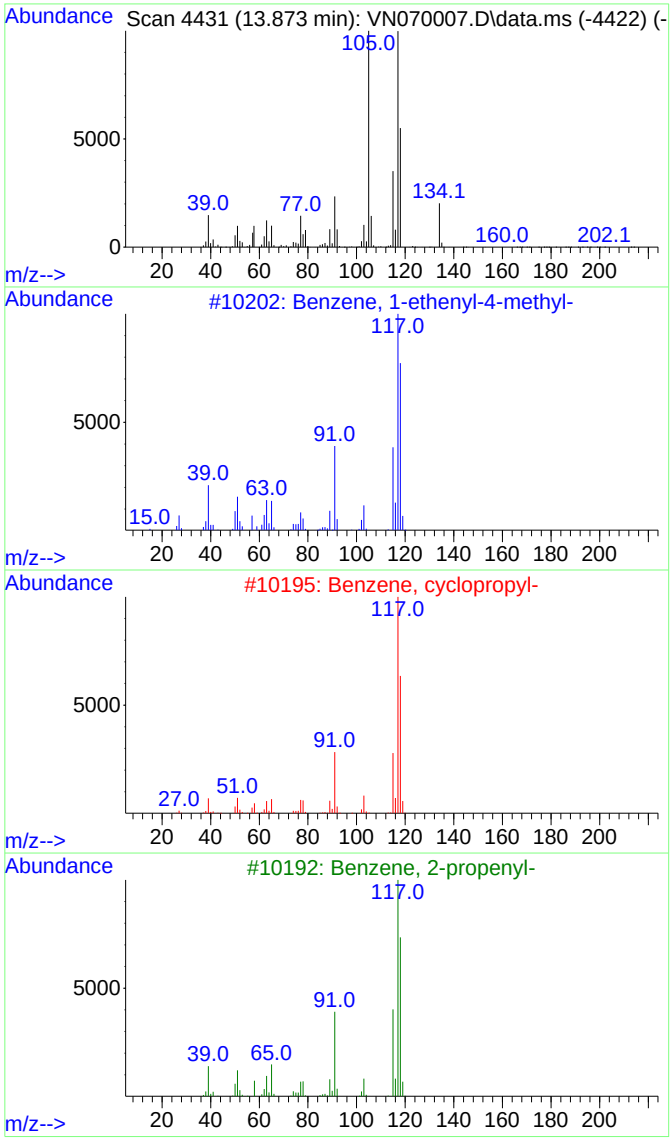
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

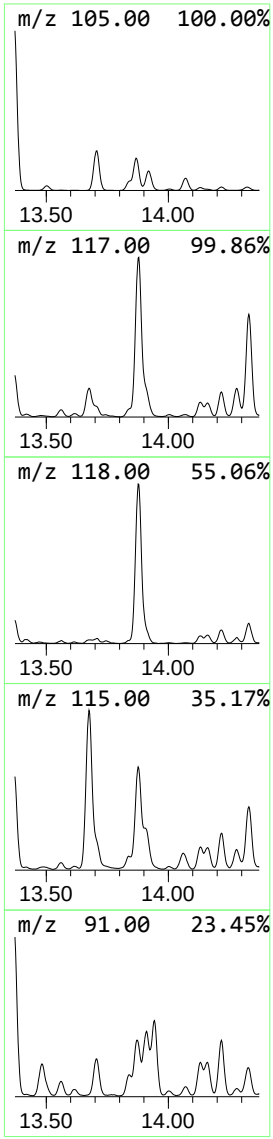
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	57.55 ug/l	9669560	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

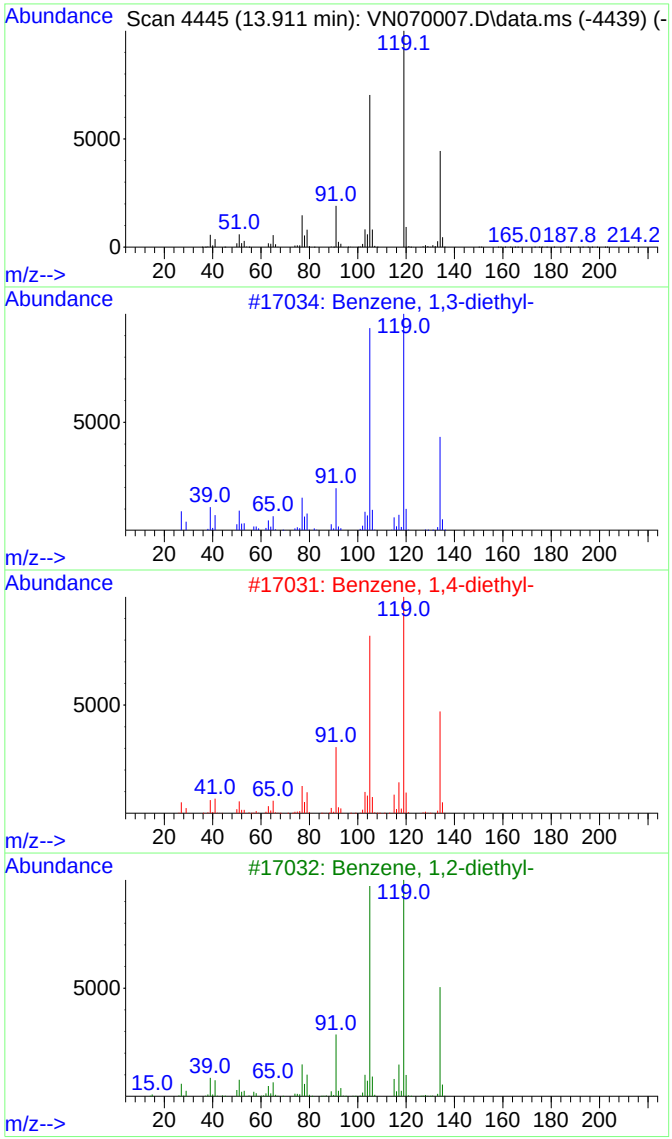
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

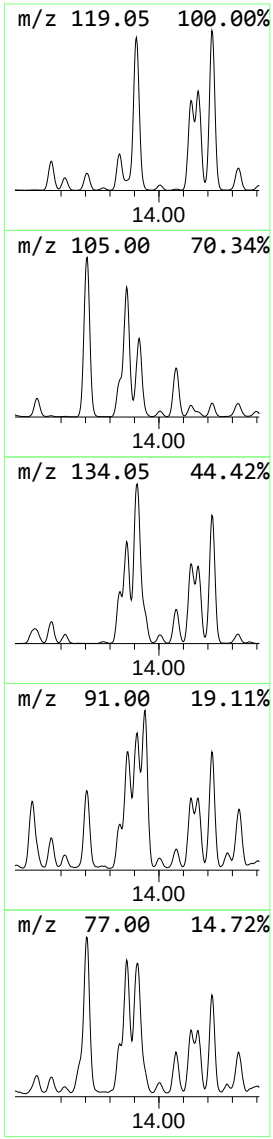
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.911	54.12 ug/l	9093160	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

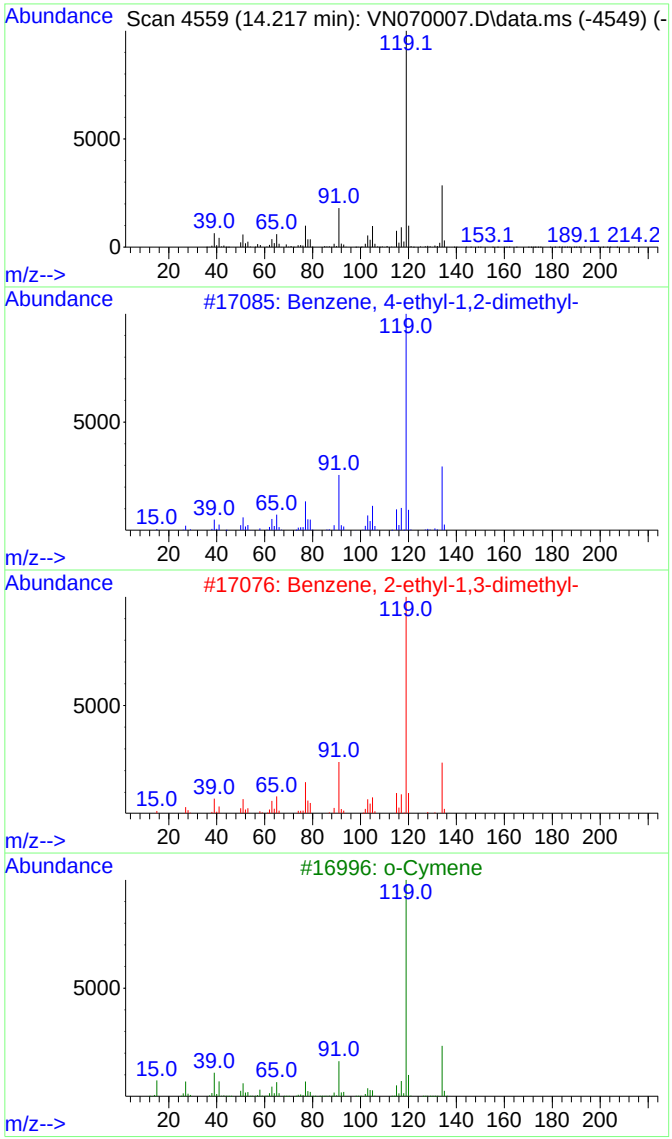
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

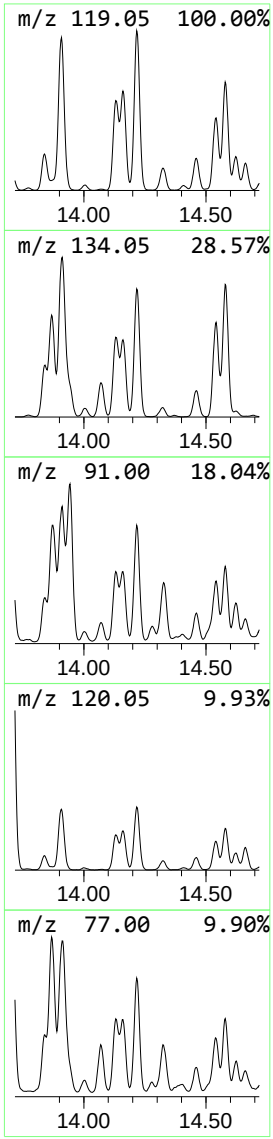
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	35.81 ug/l	6016960	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : M4873-08 10X
Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

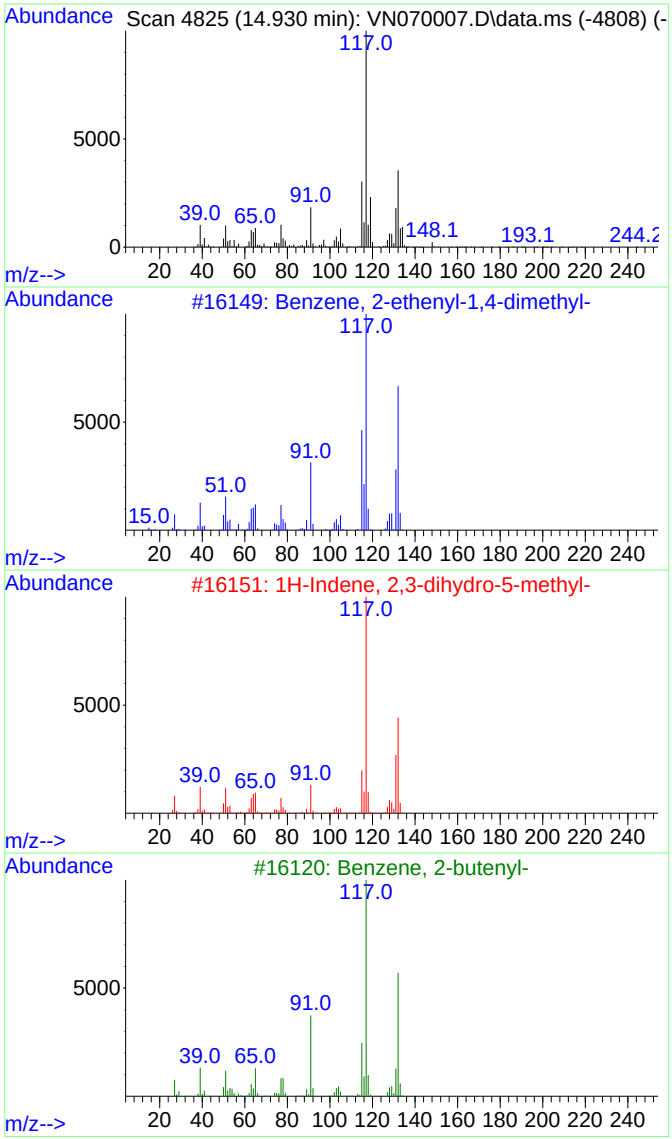
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

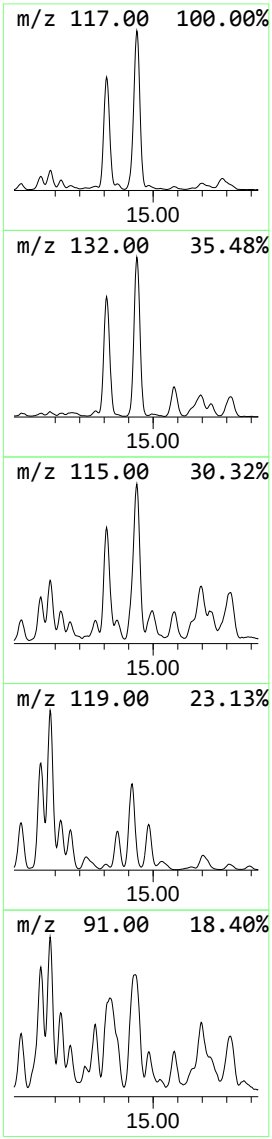
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	41.70 ug/l	7007550	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070007.D
Acq On : 11 Dec 2021 14:45
Operator : JC/MD
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Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

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-methyl-	3.113	37.8	ug/l	11032900	1	8.086	14581700	50.0
Pentane, 2,3-di...	8.174	33.1	ug/l	9643920	1	8.086	14581700	50.0
Butane, 2,2,3,3...	8.617	131.0	ug/l	24895200	2	8.968	9500340	50.0
Heptane	8.826	34.6	ug/l	6569040	2	8.968	9500340	50.0
Pentane, 2,3,4-...	9.883	57.3	ug/l	10895500	2	8.968	9500340	50.0
Pentane, 2,3,3-...	10.017	87.0	ug/l	16531500	2	8.968	9500340	50.0
Heptane, 3-methyl-	10.215	31.8	ug/l	6045800	2	8.968	9500340	50.0
Hexane, 2,2,4-t...	10.371	37.1	ug/l	7439150	3	11.747	10036800	50.0
Octane	10.623	29.3	ug/l	5886970	3	11.747	10036800	50.0
Benzene, 1-ethy...	12.983	130.9	ug/l	21992400	4	13.675	8401560	50.0
Benzene, 1-ethy...	13.222	49.8	ug/l	8367560	4	13.675	8401560	50.0
Benzene, 1-ethe...	13.873	57.5	ug/l	9669560	4	13.675	8401560	50.0
Benzene, 1,3-di...	13.911	54.1	ug/l	9093160	4	13.675	8401560	50.0
Benzene, 4-ethy...	14.217	35.8	ug/l	6016960	4	13.675	8401560	50.0
Benzene, 2-ethe...	14.930	41.7	ug/l	7007550	4	13.675	8401560	50.0