LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DA-20-5.5

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: VN070236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.127	407	424	444	rBV2	256752	600370	6.32%	0.650%
2	3.502	552	564	585	rVB4	48545	115966	1.22%	0.126%
3	4.245	819	841	874	rBV6	50345	185518	1.95%	0.201%
4	5.077	1120	1151	1159	rBV3	248541	823341	8.67%	0.891%
5	5.610	1320	1350	1386	rBV	378426	1333349	14.04%	1.443%
6	6.120	1516	1540	1569	rBV4	66201	202643	2.13%	0.219%
7	6.887	1804	1826	1853	rBV6	39352	134004	1.41%	0.145%
8	7.042	1857	1884	1905	rBV2	468430	1431945	15.08%	1.550%
9	7.144	1906	1922	1946	rVB3	181457	527863	5.56%	0.571%
10	7.319	1966	1987	2017	rVB4	45891	139596	1.47%	0.151%
11	7.842	2169	2182	2202	rVB4	54474	143377	1.51%	0.155%
12	8.021	2225	2249	2258	rBV	920697	2269572	23.90%	2.457%
13	8.083	2260	2272	2289	rVV2	1910510	4737059	49.88%	5.128%
14	8.172	2290	2305	2331	rVB	1169736	2900506	30.54%	3.140%
15	8.295	2332	2351	2371	rBV2	620991	1447851	15.25%	1.567%
16	8.434	2385	2403	2431	rBV	1098737	2509584	26.42%	2.717%
17	8.614	2433	2470	2493	rVV	2087623	6155113	64.81%	6.663%
18	8.705	2494	2504	2526	rVV3	161618	371468	3.91%	0.402%
19	8.823	2527	2548	2575	rVB4	147687	347226	3.66%	0.376%
20	8.965	2580	2601	2629	rBV	2879740	6106973	64.30%	6.611%
21	9.456	2751	2784	2795	rBV3	707009	1902464	20.03%	2.059%
22	9.510	2795	2804	2821	rVV	451945	894554	9.42%	0.968%
23	9.590	2821	2834	2843	rVV	103783	222853	2.35%	0.241%
24	9.639	2844	2852	2865	rVV3	135782	253303	2.67%	0.274%
25	9.730	2866	2886	2903	rVB5	134554	357359	3.76%	0.387%
26	9.880	2925	2942	2966	rBV	1056349	2169939	22.85%	2.349%
27	10.014	2966	2992	3006	rBV2	1350349	2911912	30.66%	3.152%
28	10.078	3006	3016	3024	rBV	260708	459290	4.84%	0.497%
29	10.215	3046	3067	3093	rBV2	541306	1392288	14.66%	1.507%
30	10.368	3111	3124	3135	rBV4	409896	732951	7.72%	0.793%
31	10.441	3135	3151	3176	rVB	4827364	9218868	97.07%	9.979%
32	10.620	3205	3218	3233	rVB8	273111	657716	6.93%	0.712%
33	10.781	3268	3278	3296	rBV5	76919	164498	1.73%	0.178%
34	10.875	3296	3313	3334	rBV9	235849	643394	6.77%	0.696%
35	10.964	3336	3346	3359	rVB3	114426	208356	2.19%	0.226%
36	11.052	3359	3379	3390	rBV4	98045	214052	2.25%	0.232%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

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	11.154	3408	3417	3433	rVB	140950	292516	3.08%	0.317%
38	11.454	3520	3529	3537	rBV3	81317	125508	1.32%	0.136%
39	11.527	3538	3556	3581	rVB4	348070	906164	9.54%	0.981%
40	11.626	3581	3593	3617	rBV2	292576	543585	5.72%	0.588%
41	11.744	3618	3637	3654	rBV	5187537	9497047	100.00%	10.281%
42	12.181	3793	3800	3811	rVB5	64618	99882	1.05%	0.108%
43	12.251	3817	3826	3839	rBV5	103519	184801	1.95%	0.200%
44	12.364	3860	3868	3879	rVB2	96225	160179	1.69%	0.173%
45	12.728	3990	4004	4027	rVB	4206210	7851835	82.68%	8.500%
46	12.876	4049	4059	4067	rBV3	70334	141071	1.49%	0.153%
47	13.053	4117	4125	4142	rBV8	50082	121858	1.28%	0.132%
48	13.412	4250	4259	4270	rBV3	60854	102507	1.08%	0.111%
49	13.493	4272	4289	4300	rBV5	148518	421995	4.44%	0.457%
50	13.605	4323	4331	4337	rBV3	86065	124211	1.31%	0.134%
51	13.672	4342	4356	4374	rVV	4522061	7830990	82.46%	8.477%
52	13.836	4405	4417	4426	rBV	415453	697032	7.34%	0.755%
53	13.919	4441	4448	4467	rVB3	226119	565305	5.95%	0.612%
54	14.000	4469	4478	4491	rVV2	99608	162429	1.71%	0.176%
55	14.069	4494	4504	4517	rVB	136361	220666	2.32%	0.239%
56	14.147	4522	4533	4545	rVB3	170040	303419	3.19%	0.328%
57	14.217	4546	4559	4572	rBV	907778	1512848	15.93%	1.638%
58	14.278	4577	4582	4588	rVV3	87742	120203	1.27%	0.130%
59	14.327	4589	4600	4613	rVB4	393862	698588	7.36%	0.756%
60	14.407	4614	4630	4641	rBV8	178393	358433	3.77%	0.388%
61	14.463	4644	4651	4661	rVV6	71740	130612	1.38%	0.141%
62	14.539	4662	4679	4695	rVB	491733	956453	10.07%	1.035%
63	14.619	4699	4709	4733	rBV3	204842	377711	3.98%	0.409%
64	14.809	4770	4780	4791	rBV3	248903	453303	4.77%	0.491%
65	14.922	4807	4822	4836	rBV5	419570	1056091	11.12%	1.143%
66	14.978	4837	4843	4860	rVB	156499	264174	2.78%	0.286%
67	15.193	4902	4923	4933	rBV4	260850	561680	5.91%	0.608%
68	15.306	4956	4965	4982	rVB4	193626	421684	4.44%	0.456%
69	15.802	5135	5150	5167	rBV3	99185	226567	2.39%	0.245%

Sum of corrected areas: 92378468

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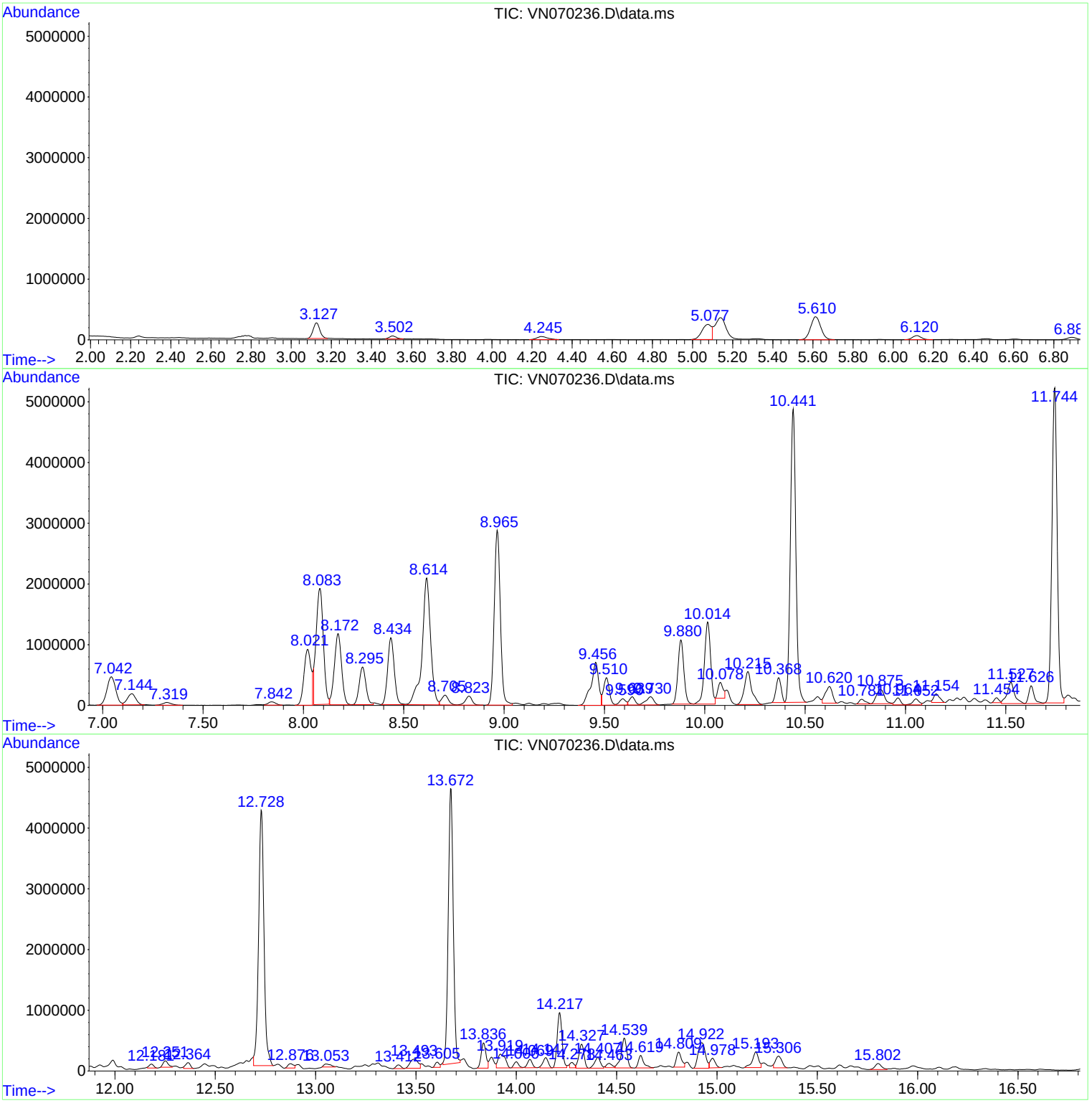
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

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 : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

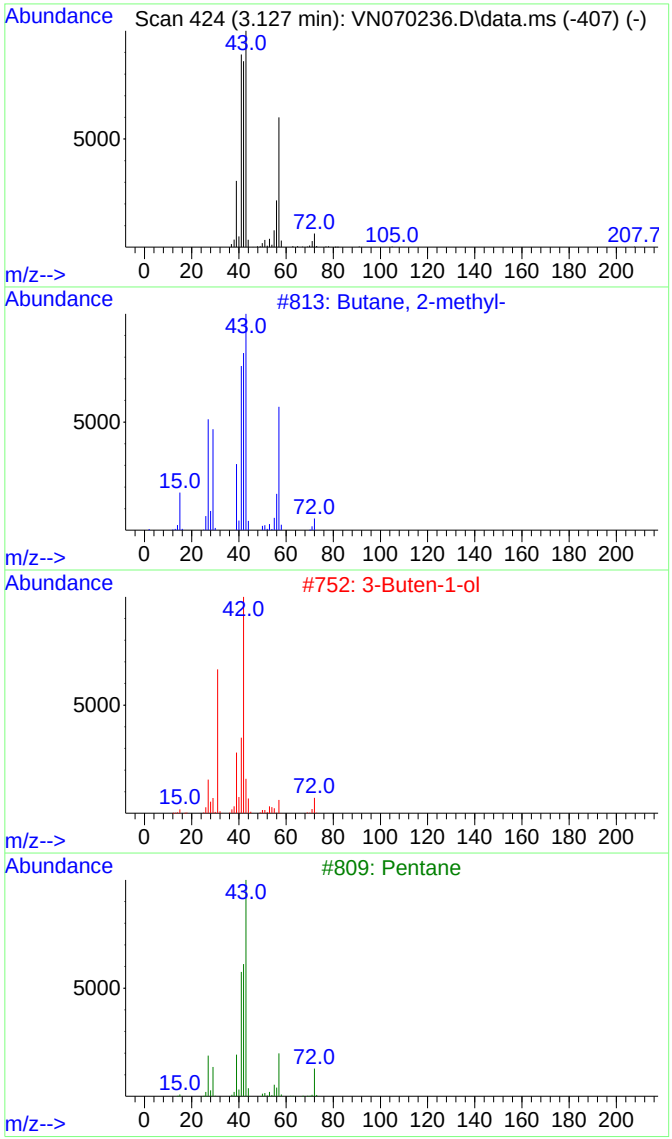
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

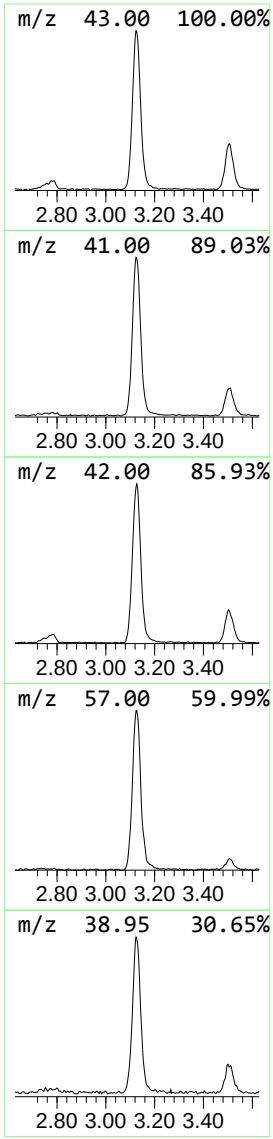
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.127	6.34 ug/l	600370	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	Pentane	72	C5H12	000109-66-0	33
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

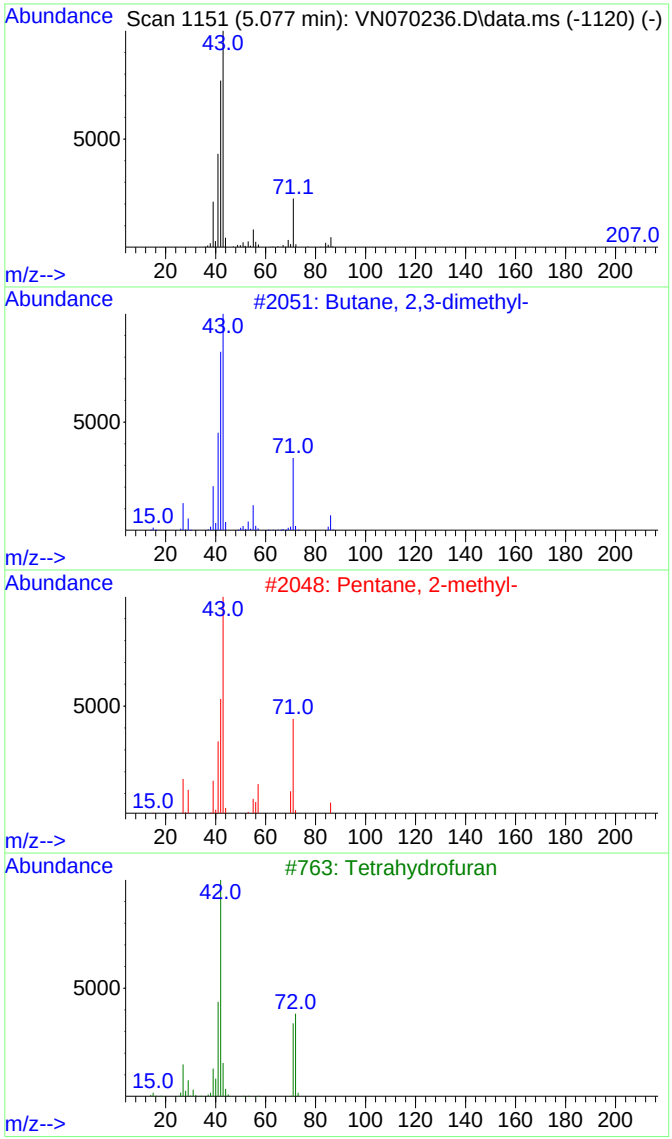
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

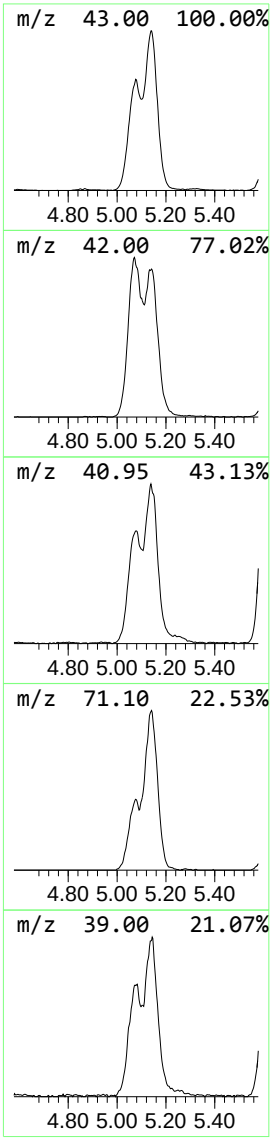
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.077	8.69 ug/l	823341	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	56
3	Tetrahydrofuran	72	C4H8O	000109-99-9	36
4	Pentane	72	C5H12	000109-66-0	36
5	Pyrrolidine	71	C4H9N	000123-75-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

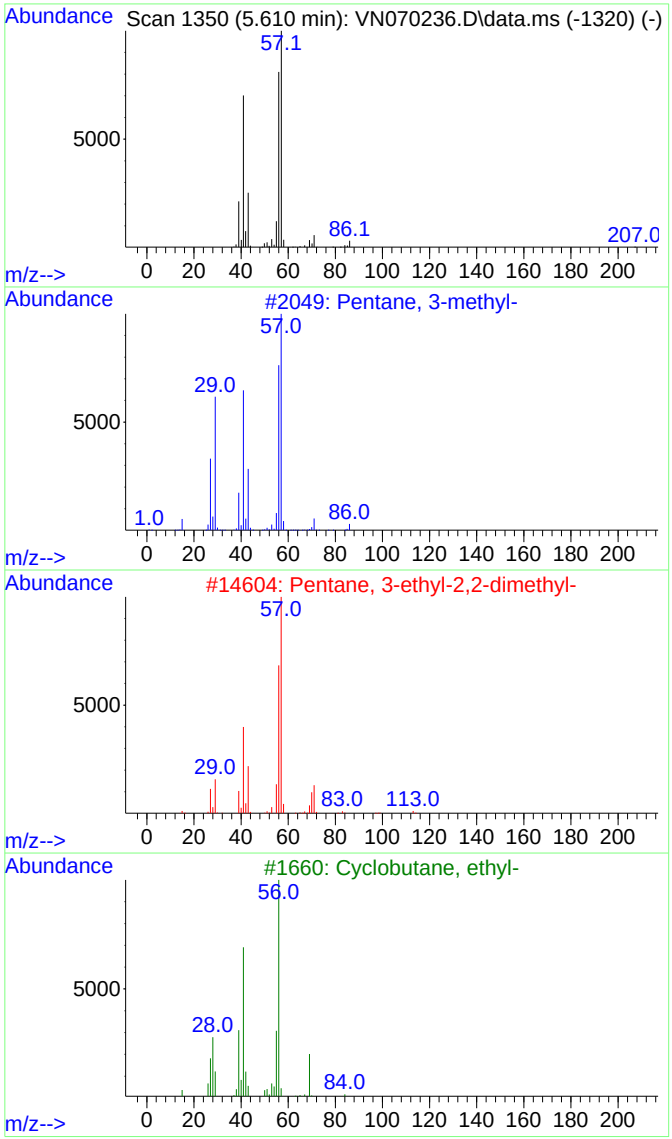
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

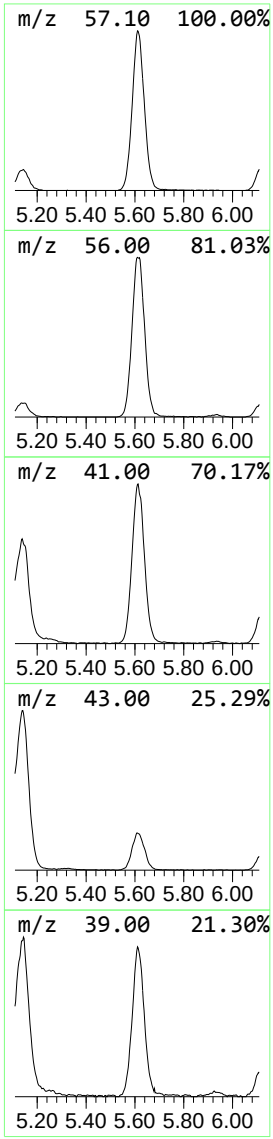
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.610	14.07 ug/l	1333350	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	39
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

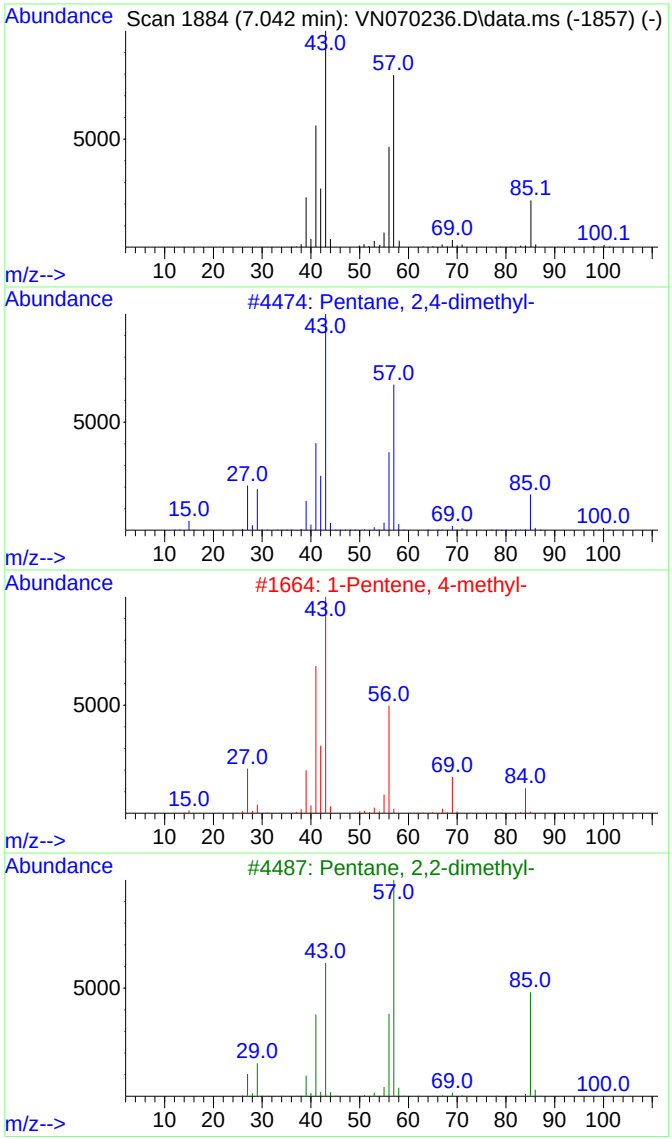
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

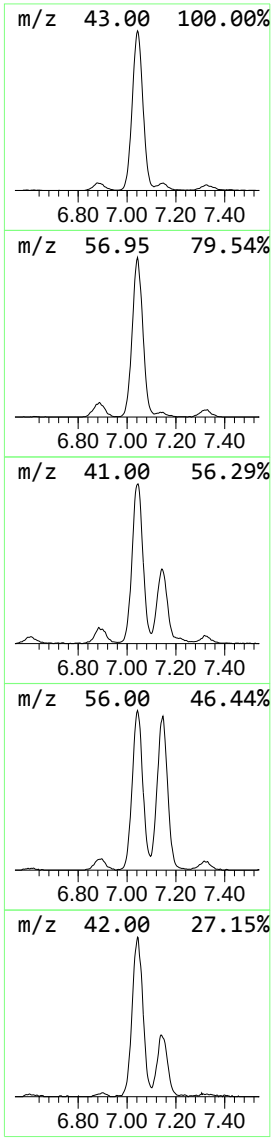
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.042	15.11 ug/l	1431950	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4	n-Hexane	86	C6H14	000110-54-3	50
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

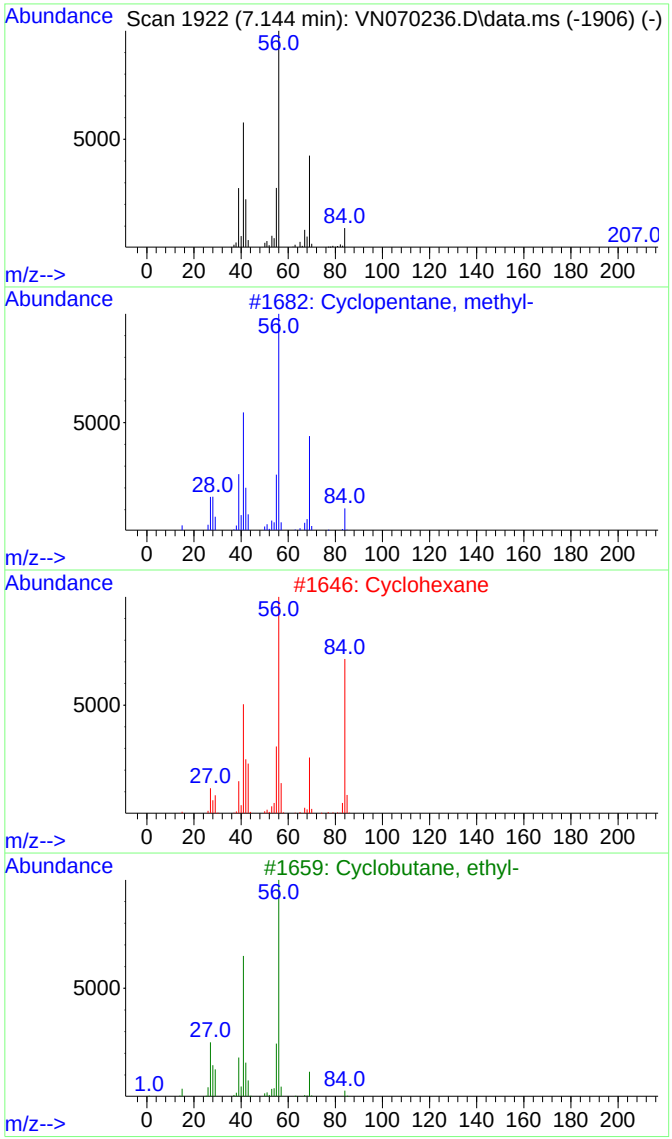
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

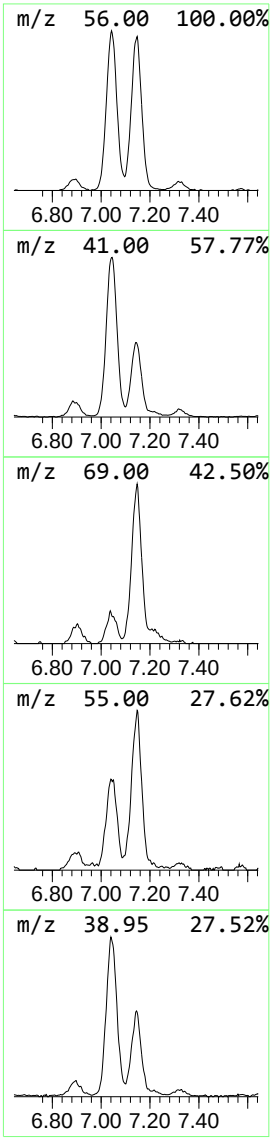
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.144	5.57 ug/l	527863	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

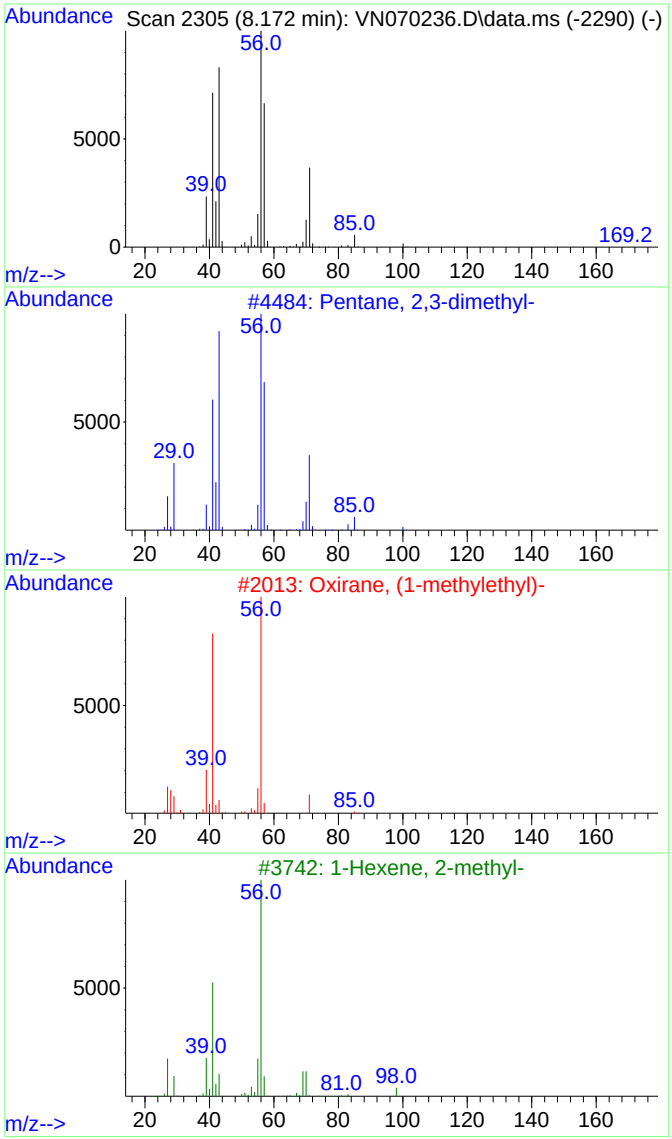
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

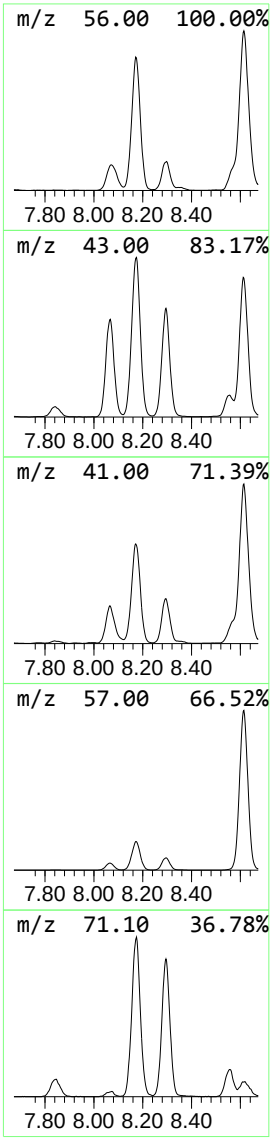
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.172	30.62 ug/l	2900510	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	40
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

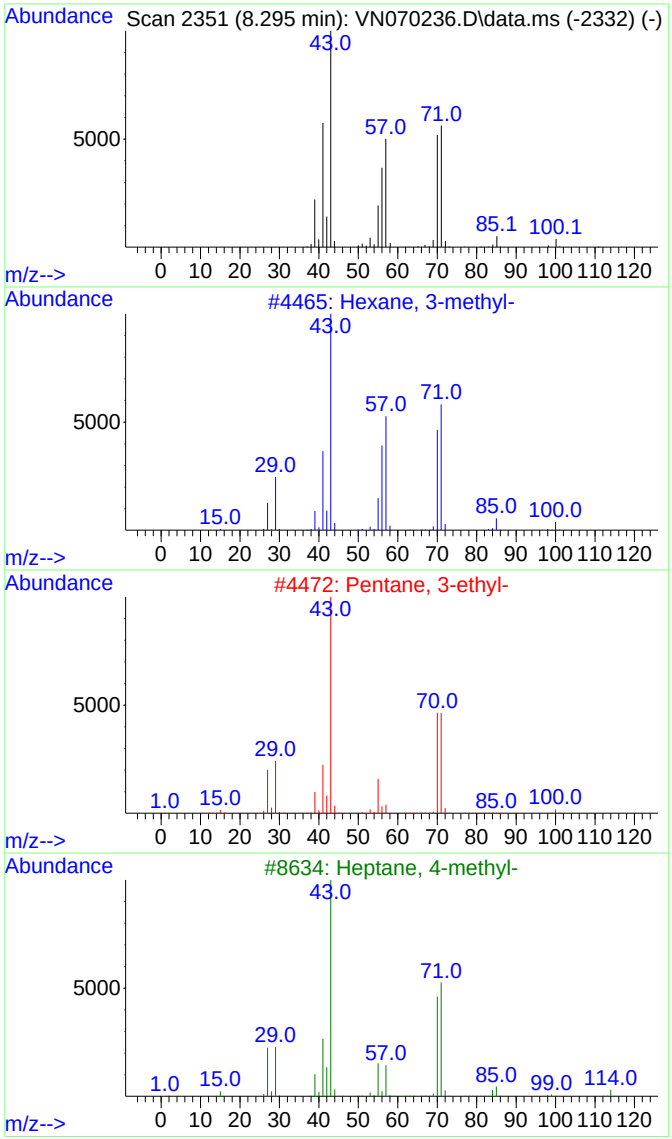
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

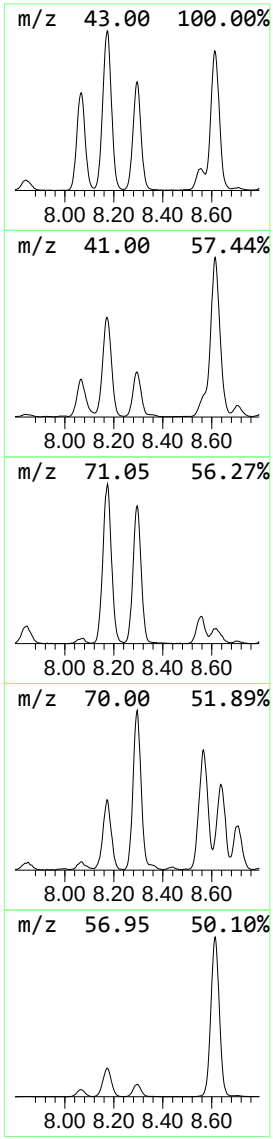
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	15.28 ug/l	1447850	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Heptane	100	C7H16	000142-82-5	59
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

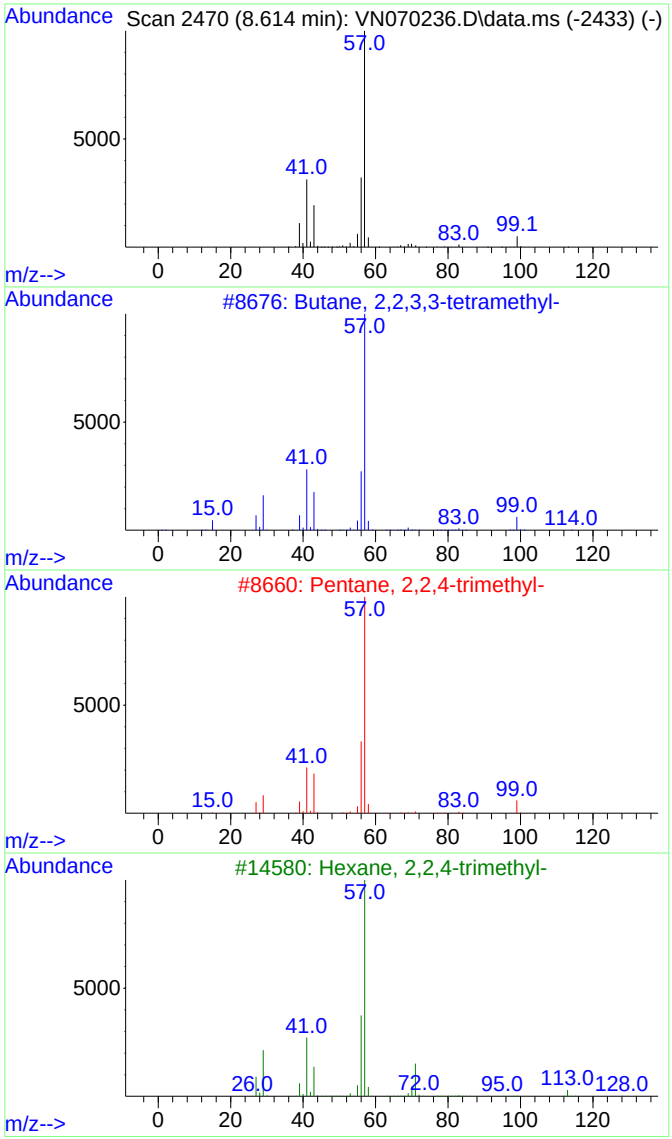
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

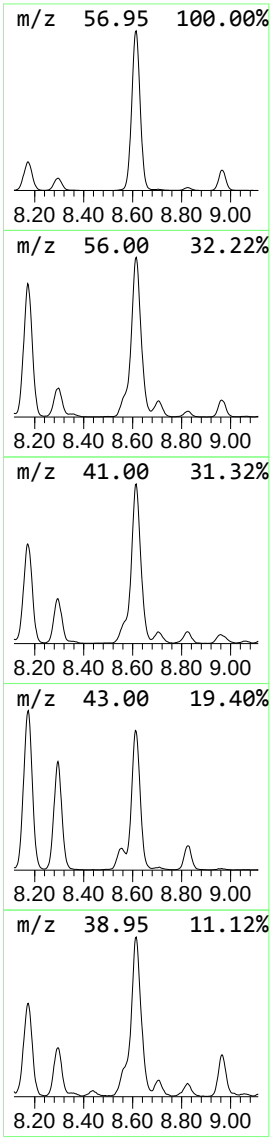
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	50.39 ug/l	6155110	1,4-Difluorobenzene	8.965

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	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

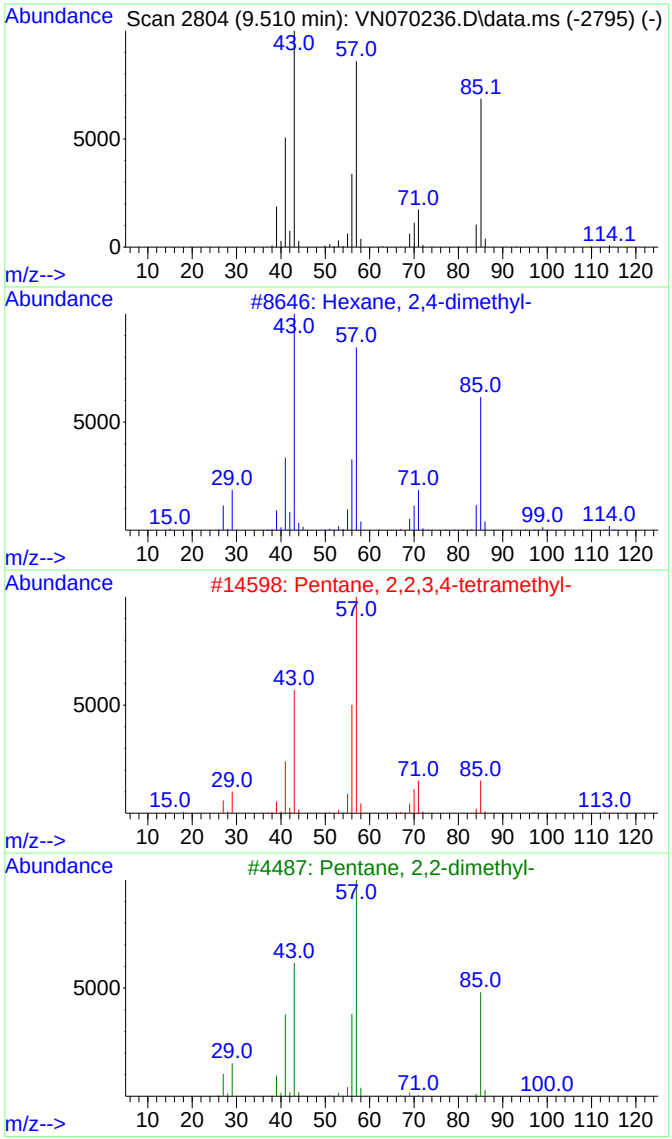
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

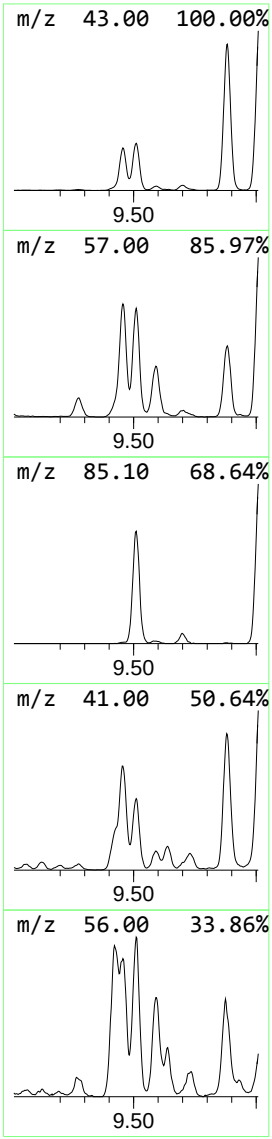
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexane, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	7.32 ug/l	894554	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

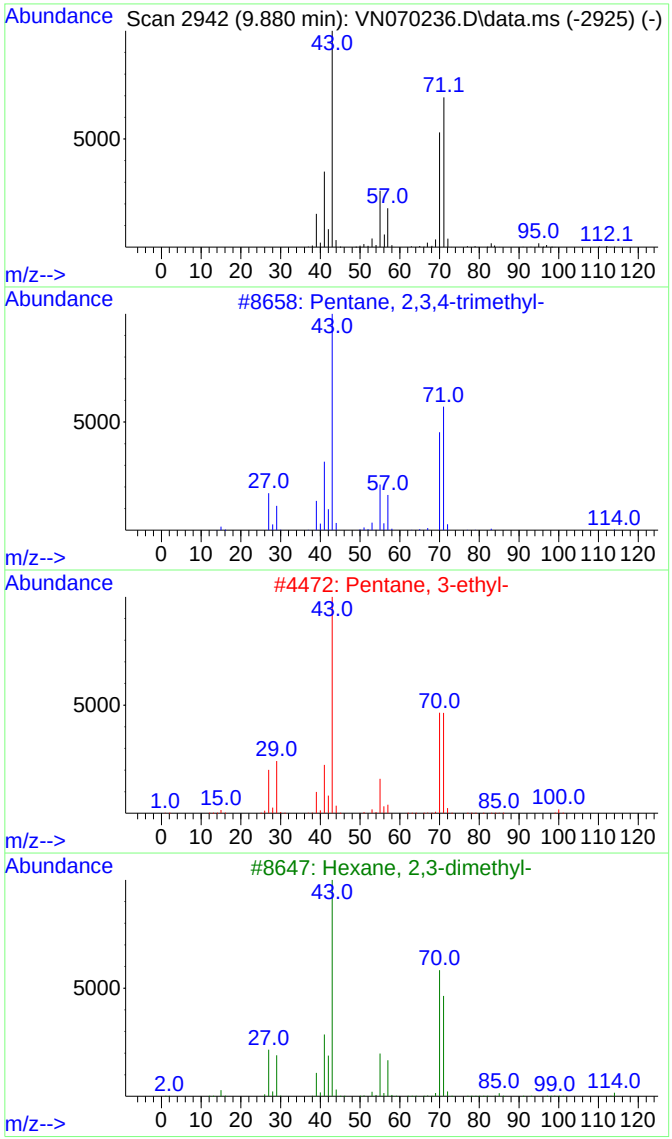
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

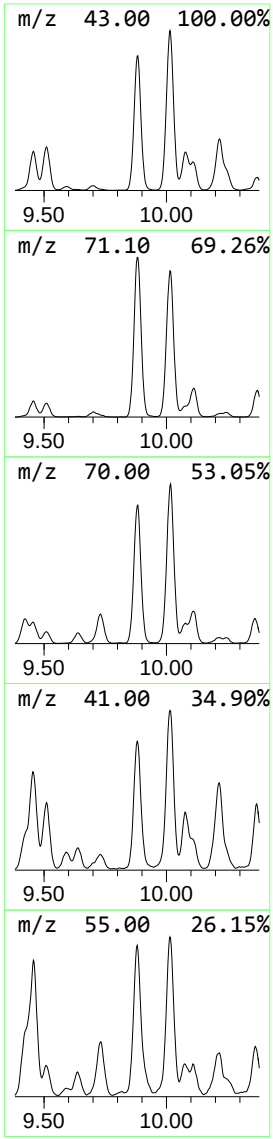
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	17.77 ug/l	2169940	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	78
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

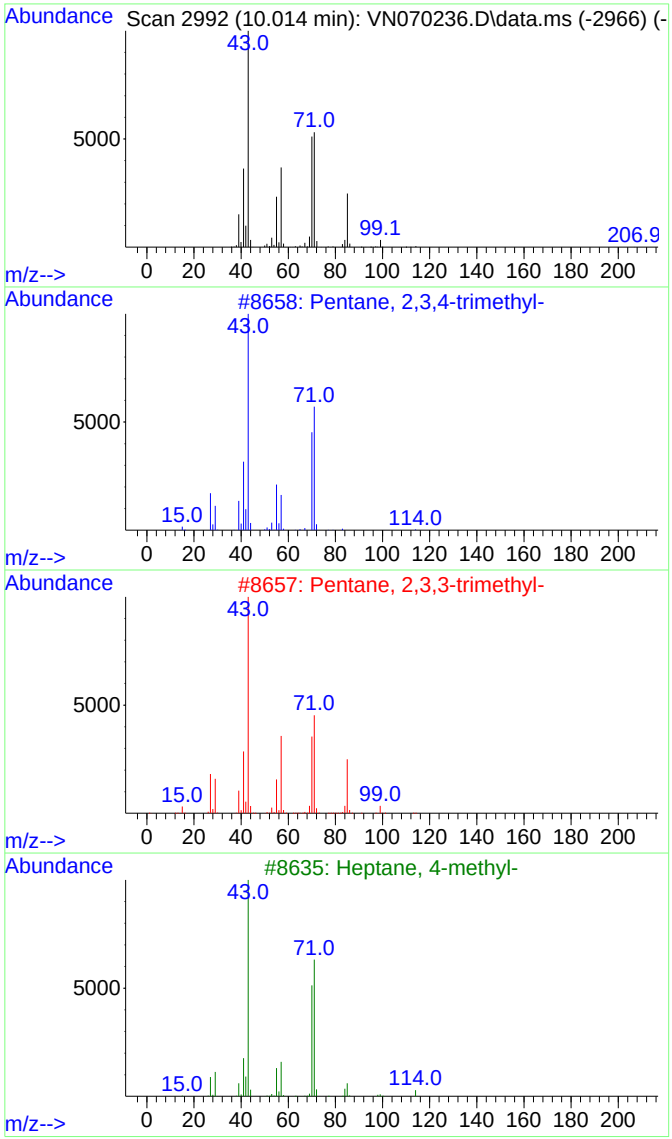
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

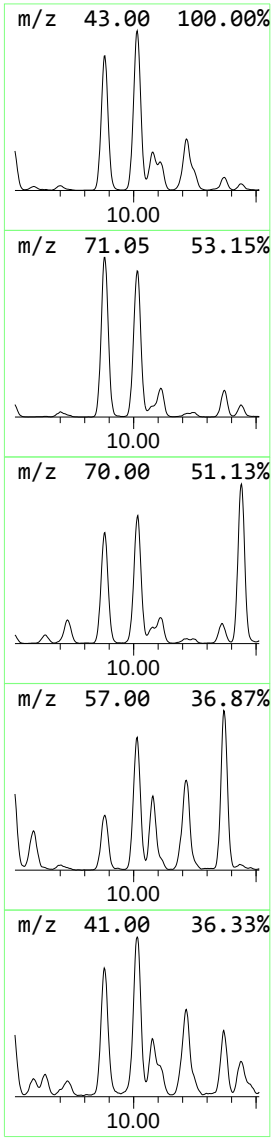
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.014	23.84 ug/l	2911910	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	81
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

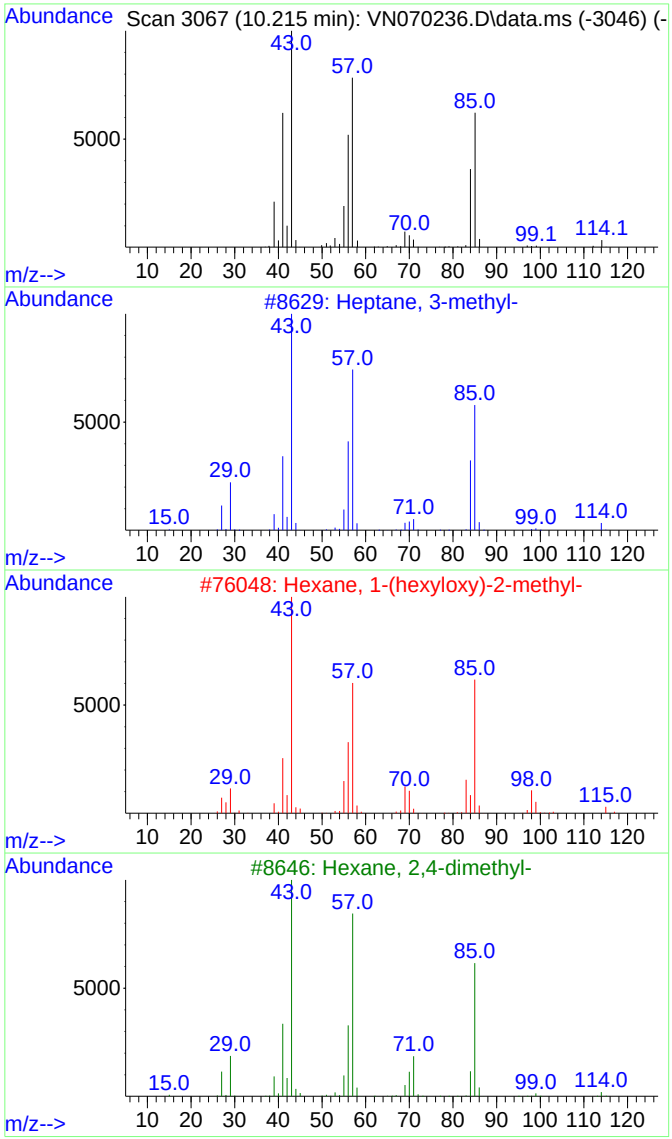
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

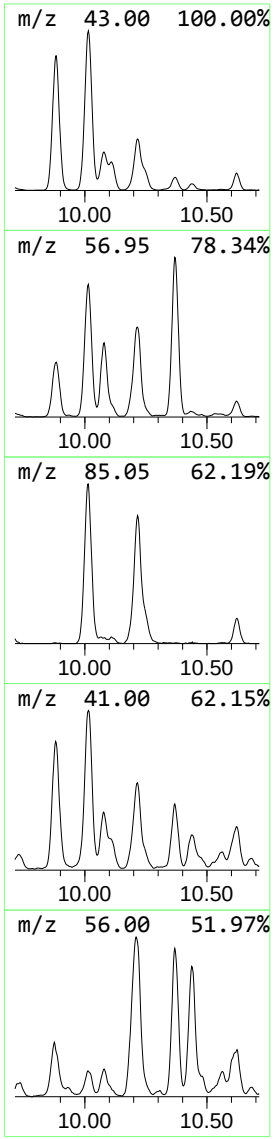
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.215	11.40 ug/l	1392290	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

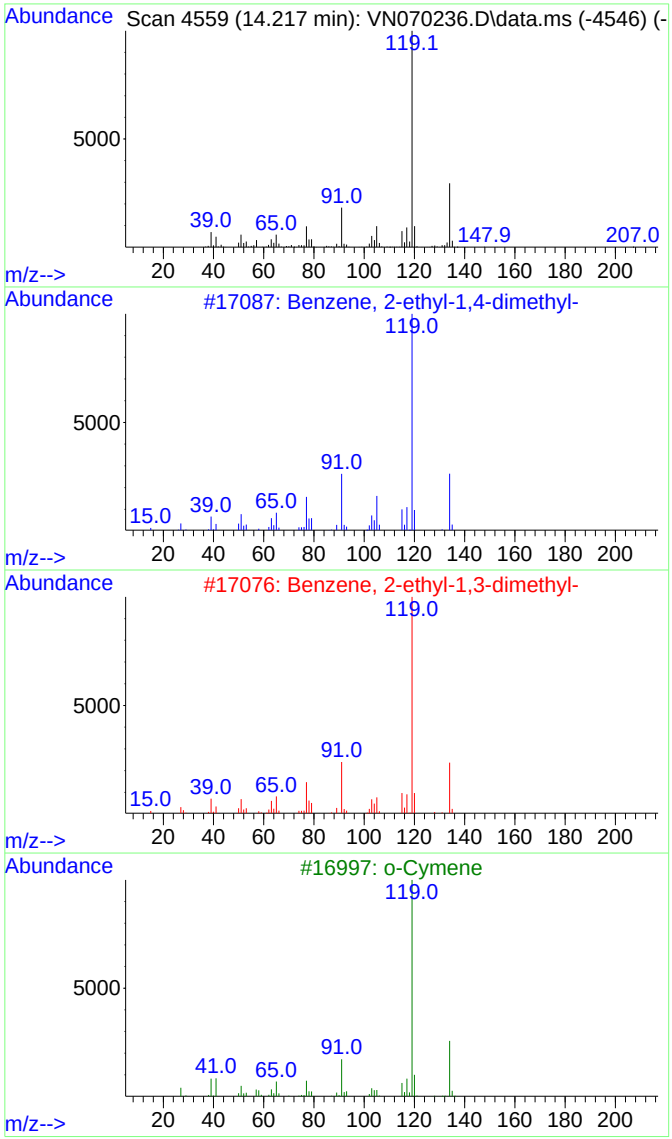
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

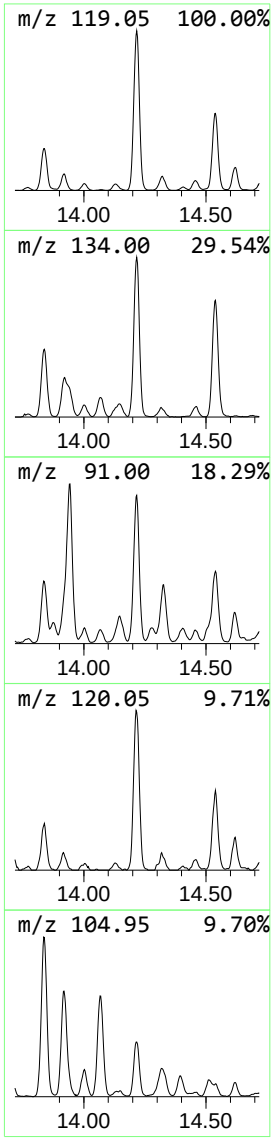
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	9.66 ug/l	1512850	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	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	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

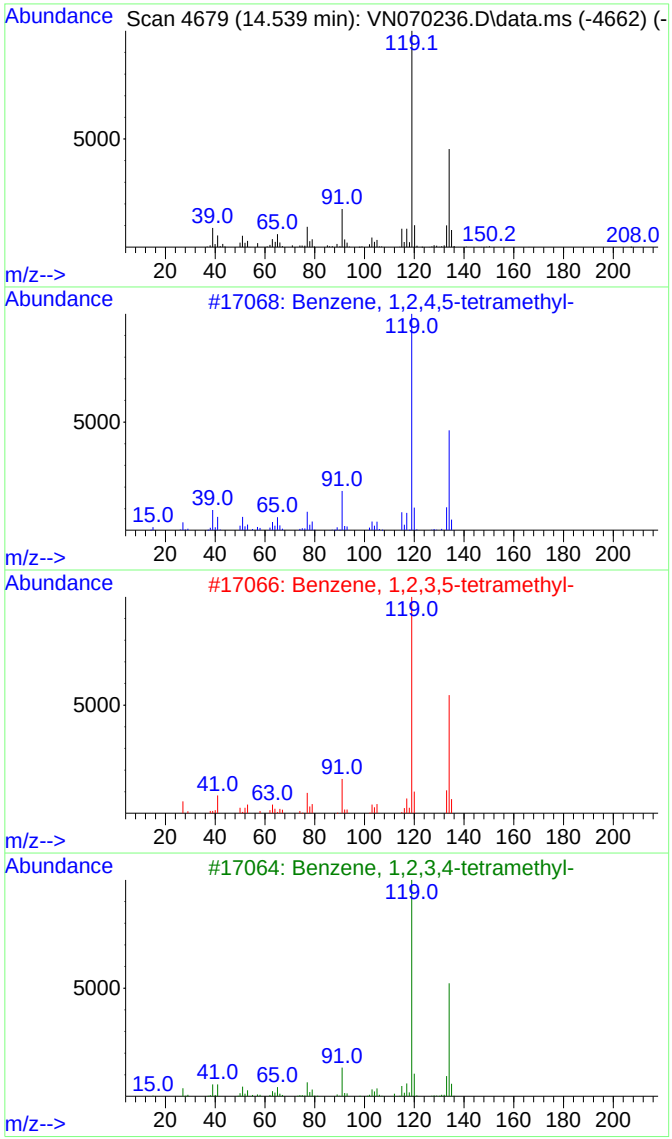
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

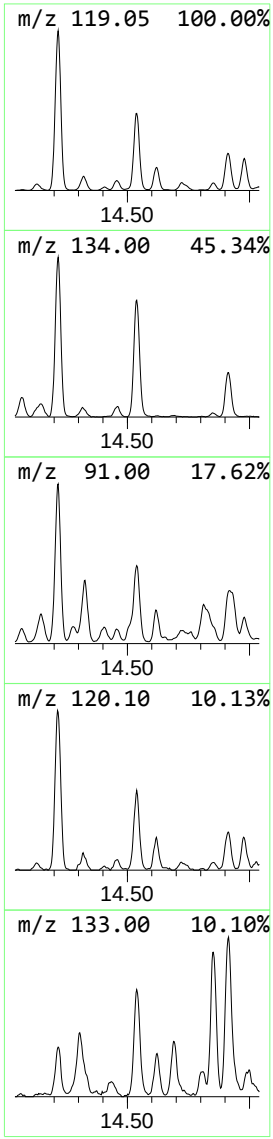
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	6.11 ug/l	956453	1,4-Dichlorobenzene-d4	13.675

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	97
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	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

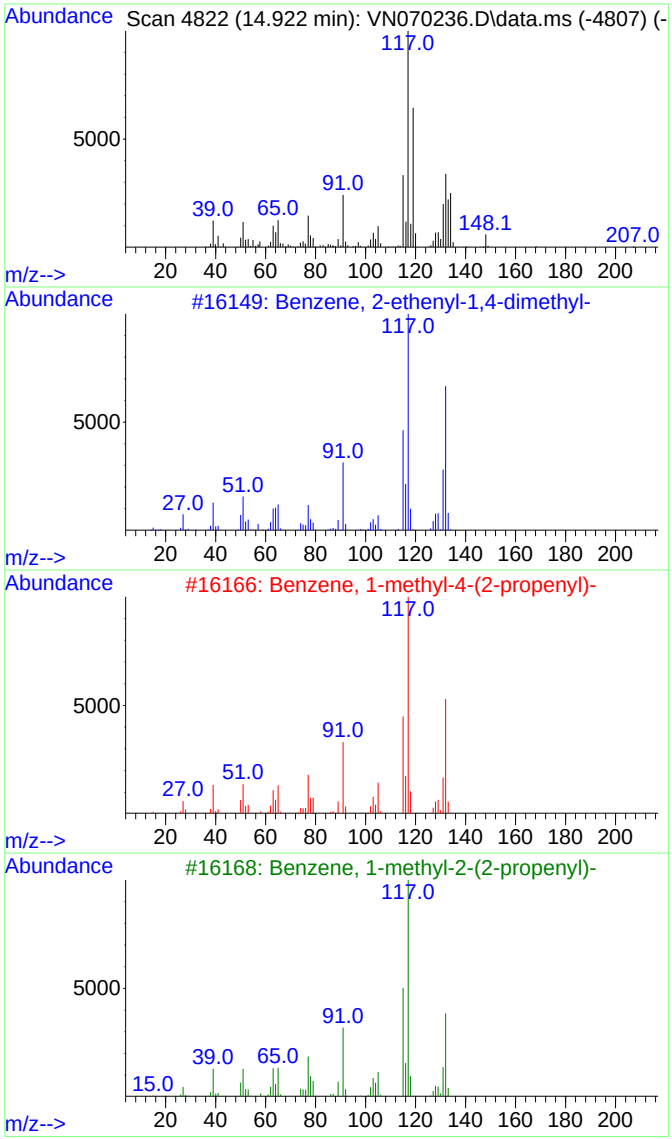
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

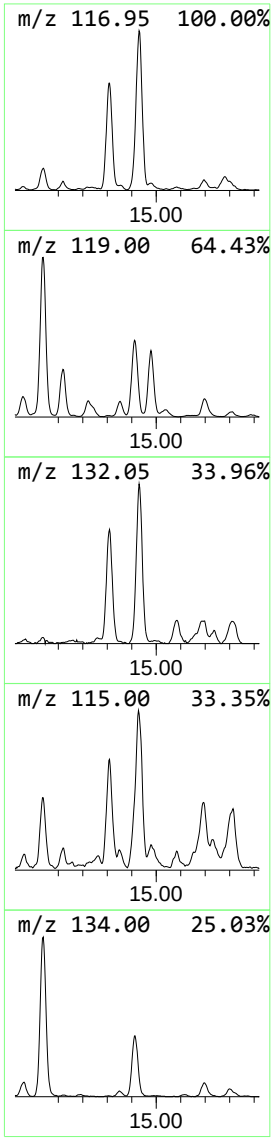
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	6.74 ug/l	1056090	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	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070236.D
Acq On : 20 Dec 2021 13:21
Operator : JC/MD
Sample : M5044-20 10X
Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-20-5.5

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-	3.127	6.3	ug/l	600370	1	8.086	4737060	50.0
Butane, 2,3-dim...	5.077	8.7	ug/l	823341	1	8.086	4737060	50.0
Pentane, 3-methyl-	5.610	14.1	ug/l	1333350	1	8.086	4737060	50.0
Pentane, 2,4-di...	7.042	15.1	ug/l	1431950	1	8.086	4737060	50.0
Cyclopentane, m...	7.144	5.6	ug/l	527863	1	8.086	4737060	50.0
Pentane, 2,3-di...	8.172	30.6	ug/l	2900510	1	8.086	4737060	50.0
Hexane, 3-methyl-	8.295	15.3	ug/l	1447850	1	8.086	4737060	50.0
Butane, 2,2,3,3...	8.614	50.4	ug/l	6155110	2	8.965	6106970	50.0
Hexane, 2,4-dim...	9.510	7.3	ug/l	894554	2	8.965	6106970	50.0
Pentane, 2,3,4-...	9.880	17.8	ug/l	2169940	2	8.965	6106970	50.0
Pentane, 2,3,3-...	10.014	23.8	ug/l	2911910	2	8.965	6106970	50.0
Heptane, 3-methyl-	10.215	11.4	ug/l	1392290	2	8.965	6106970	50.0
Benzene, 2-ethy...	14.217	9.7	ug/l	1512850	4	13.675	7830990	50.0
Benzene, 1,2,4,...	14.539	6.1	ug/l	956453	4	13.675	7830990	50.0
Benzene, 2-ethe...	14.922	6.7	ug/l	1056090	4	13.675	7830990	50.0