LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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\82N122721W.M
Title : SW846 8260

Signal : TIC: VN070440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.231	77	90	103	rBV	696924	1524859	27.48%	2.617%
2	2.445	161	170	185	rVB	203040	320923	5.78%	0.551%
3	3.140	411	429	458	rVB	1042363	2418749	43.58%	4.150%
4	3.515	554	569	600	rVB3	256836	712516	12.84%	1.223%
5	3.717	629	644	663	rVB2	94134	234034	4.22%	0.402%
6	3.891	683	709	728	rVV2	54939	154205	2.78%	0.265%
7	3.990	730	746	770	rVB3	49136	133247	2.40%	0.229%
8	4.256	817	845	878	rBV4	73827	315597	5.69%	0.542%
9	4.583	937	967	995	rBV	63519	216683	3.90%	0.372%
10	4.956	1082	1106	1122	rBV9	29648	114920	2.07%	0.197%
11	5.082	1127	1153	1161	rBV3	177311	581752	10.48%	0.998%
12	5.618	1323	1353	1383	rBV2	240858	816969	14.72%	1.402%
13	5.932	1450	1470	1474	rBV4	32622	68726	1.24%	0.118%
14	6.120	1514	1540	1567	rBV3	78289	247399	4.46%	0.425%
15	6.286	1581	1602	1618	rBV5	23933	74026	1.33%	0.127%
16	6.401	1624	1645	1657	rBV4	32524	98571	1.78%	0.169%
17	6.605	1698	1721	1738	rBV3	54437	166662	3.00%	0.286%
18	6.895	1810	1829	1848	rBV3	39751	116955	2.11%	0.201%
19	7.045	1862	1885	1903	rBV2	158911	476952	8.59%	0.818%
20	7.147	1904	1923	1943	rVB3	168712	488559	8.80%	0.838%
21	7.844	2169	2183	2201	rVB6	34577	89490	1.61%	0.154%
22	8.021	2227	2249	2259	rBV2	672533	1652063	29.77%	2.835%
23	8.083	2260	2272	2291	rVV	1465234	3575062	64.42%	6.135%
24	8.174	2292	2306	2331	rVB2	330834	851640	15.35%	1.461%
25	8.295	2333	2351	2374	rBV2	250192	591467	10.66%	1.015%
26	8.437	2384	2404	2432	rBV	848907	2021085	36.42%	3.468%
27	8.614	2435	2470	2494	rVV	1283729	3594497	64.77%	6.168%
28	8.708	2497	2505	2528	rVV6	46834	115863	2.09%	0.199%
29	8.826	2529	2549	2574	rVB4	81026	210017	3.78%	0.360%
30	8.965	2580	2601	2631	rBV	2059073	4373121	78.80%	7.504%
31	9.456	2752	2784	2795	rBV4	232608	618062	11.14%	1.061%
32	9.510	2795	2804	2820	rVV2	170114	336636	6.07%	0.578%
33	9.590	2821	2834	2844	rVV2	40351	85133	1.53%	0.146%
34	9.638	2845	2852	2865	rVB3	36401	66049	1.19%	0.113%
35	9.730	2865	2886	2900	rBV5	41969	104979	1.89%	0.180%
36	9.882	2927	2943	2964	rVB	476339	990256	17.84%	1.699%

LSC Area Percent Report

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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\82N122721W.M
Title : SW846 8260

37	10.014	2966	2992	3006	rBV2	531575	1148951	20.70%	1.972%
38	10.078	3007	3016	3025	rBV3	89097	154827	2.79%	0.266%
39	10.215	3046	3067	3094	rBV3	164400	447599	8.07%	0.768%
40	10.368	3113	3124	3134	rVB3	115080	184872	3.33%	0.317%
41	10.440	3135	3151	3168	rBV	2957679	5549774	100.00%	9.523%
42	10.620	3205	3218	3234	rVB7	83583	204647	3.69%	0.351%
43	10.872	3296	3312	3329	rBV7	50782	146059	2.63%	0.251%
44	10.958	3331	3344	3359	rVB8	30005	75880	1.37%	0.130%
45	11.524	3538	3555	3580	rVB7	53740	145581	2.62%	0.250%
46	11.626	3582	3593	3618	rVB2	50671	99701	1.80%	0.171%
47	11.744	3619	3637	3657	rBV	2595984	4789600	86.30%	8.219%
48	11.843	3663	3674	3695	rVB	246940	454778	8.19%	0.780%
49	11.953	3697	3715	3741	rVV	605713	1265887	22.81%	2.172%
50	12.277	3814	3836	3858	rBV	249080	472674	8.52%	0.811%
51	12.578	3936	3948	3961	rBV	160059	269903	4.86%	0.463%
52	12.731	3989	4005	4029	rVB	2089404	3699085	66.65%	6.347%
53	12.918	4063	4075	4087	rBV	122277	204915	3.69%	0.352%
54	12.983	4088	4099	4103	rVV2	121359	183226	3.30%	0.314%
55	13.012	4105	4110	4119	rVV	176791	284897	5.13%	0.489%
56	13.058	4120	4127	4141	rVB3	140849	230928	4.16%	0.396%
57	13.219	4173	4187	4206	rBV	441324	766004	13.80%	1.314%
58	13.366	4228	4242	4269	rVB	957742	1622756	29.24%	2.785%
59	13.498	4279	4291	4305	rVB4	32346	69592	1.25%	0.119%
60	13.672	4341	4356	4383	rBV2	2013811	3986601	71.83%	6.841%
61	13.836	4407	4417	4422	rBV2	70284	104124	1.88%	0.179%
62	13.873	4423	4431	4440	rVV3	135474	217518	3.92%	0.373%
63	14.064	4490	4502	4513	rBV3	65483	110461	1.99%	0.190%
64	14.128	4515	4526	4532	rBV2	101936	172677	3.11%	0.296%
65	14.214	4547	4558	4573	rVB2	169692	275104	4.96%	0.472%
66	14.326	4588	4600	4614	rVB3	148184	264202	4.76%	0.453%
67	14.458	4639	4649	4660	rVB2	43532	70305	1.27%	0.121%
68	14.538	4663	4679	4686	rBV	96848	167831	3.02%	0.288%
69	14.576	4686	4693	4703	rVV2	126144	197347	3.56%	0.339%
70	14.809	4769	4780	4790	rBV2	87454	152266	2.74%	0.261%
71	14.930	4806	4825	4836	rBV4	137480	341683	6.16%	0.586%
72	14.989	4838	4847	4864	rVB6	34587	75566	1.36%	0.130%
73	15.195	4913	4924	4950	rVV6	54686	152653	2.75%	0.262%
74	15.308	4954	4966	4984	rVB3	53898	127457	2.30%	0.219%
75	15.504	5013	5039	5059	rBV	343169	710615	12.80%	1.219%
76	16.617	5439	5454	5476	rVB2	54088	121629	2.19%	0.209%

LSC Area Percent Report

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Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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\82N122721W.M
Title : SW846 8260

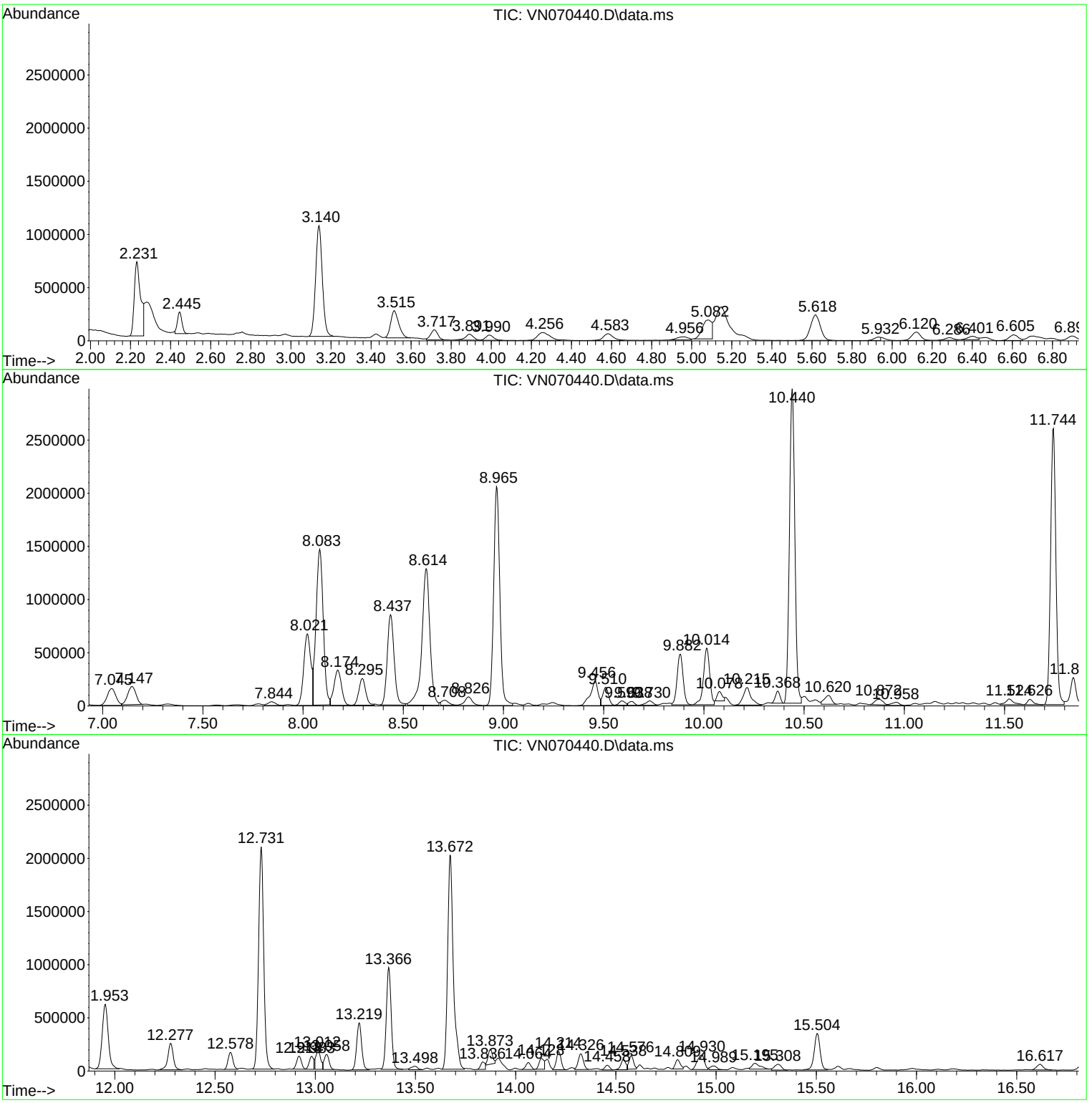
Sum of corrected areas: 58277899

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

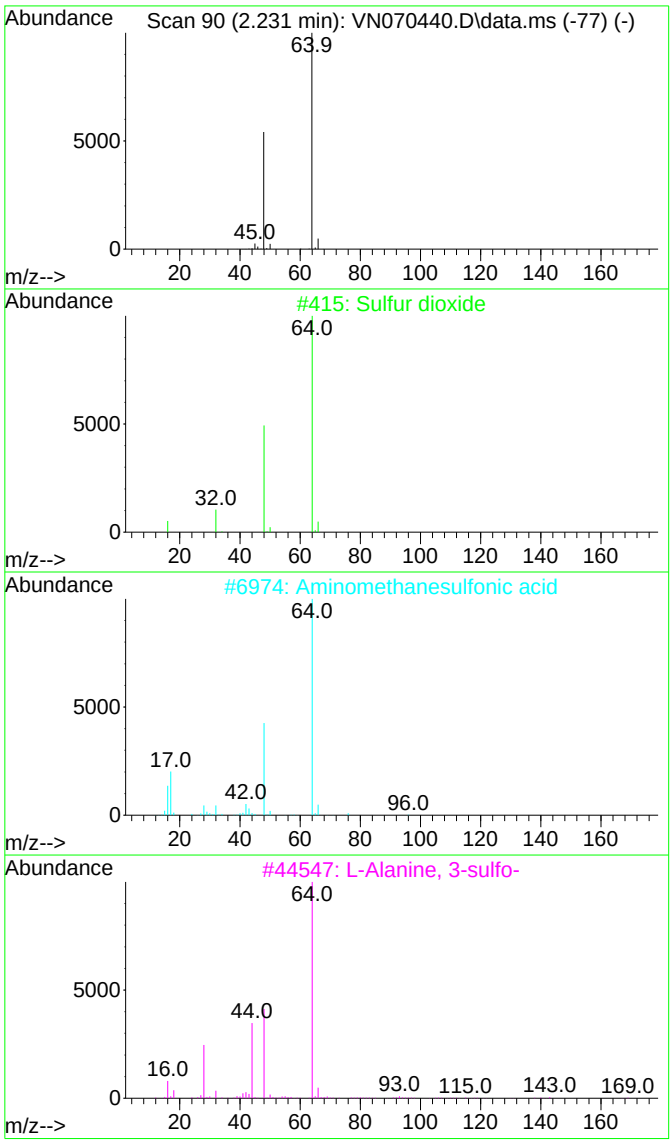
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

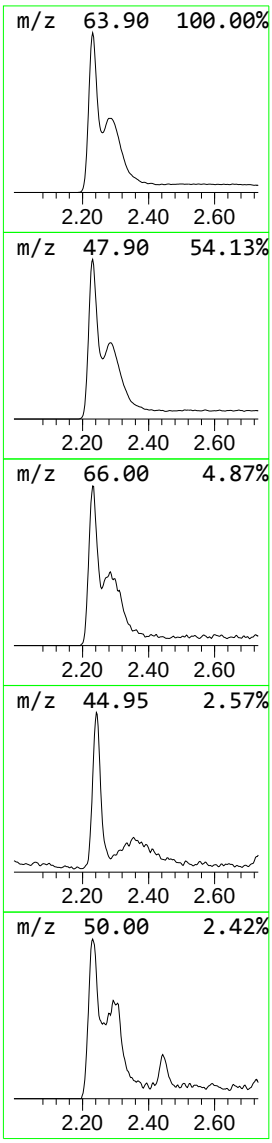
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.231	21.33 ug/l	1524860	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

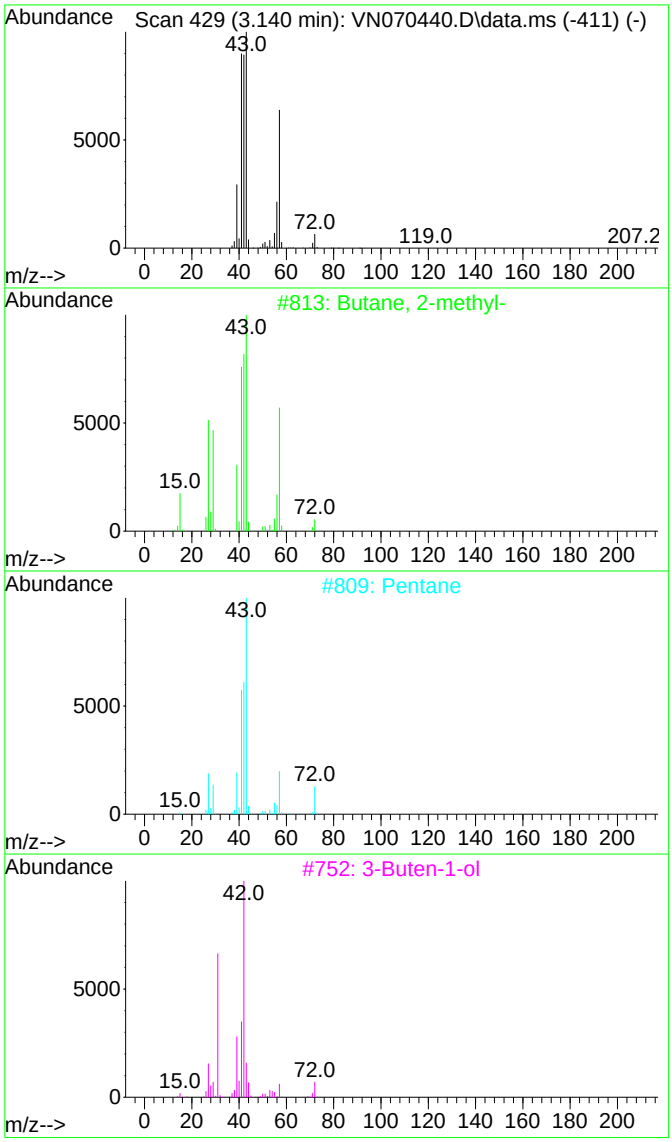
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

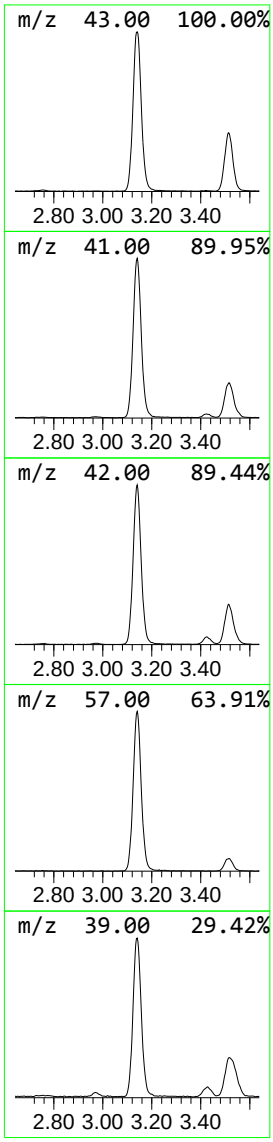
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	33.83 ug/l	2418750	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	33
3	3-Buten-1-ol	72	C4H8O	000627-27-0	16
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

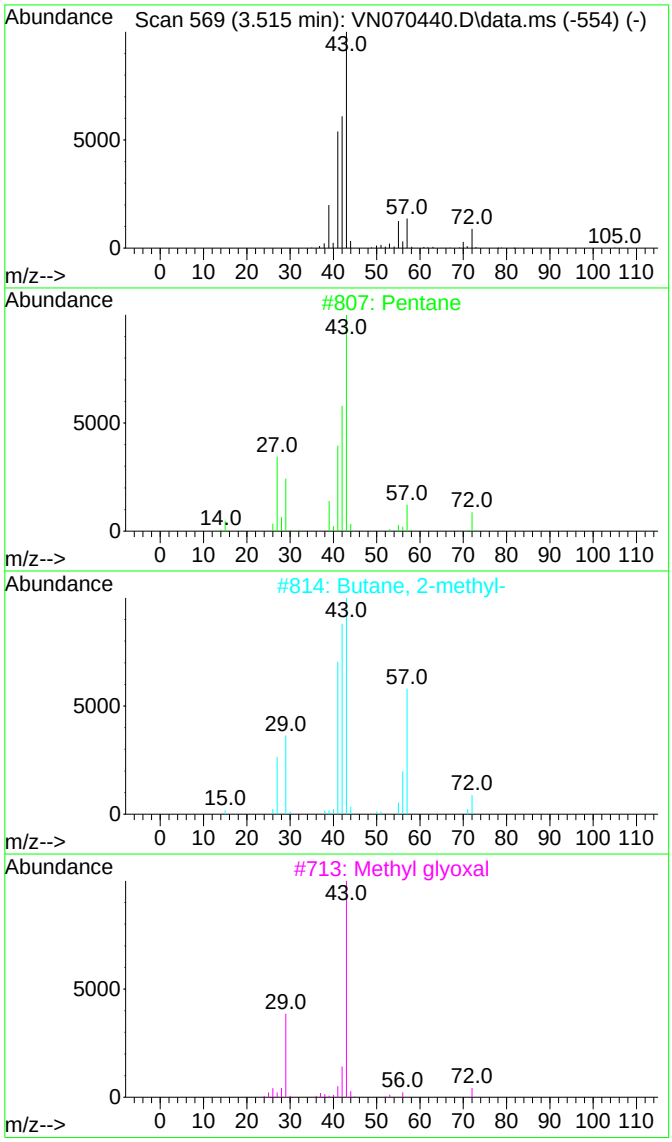
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

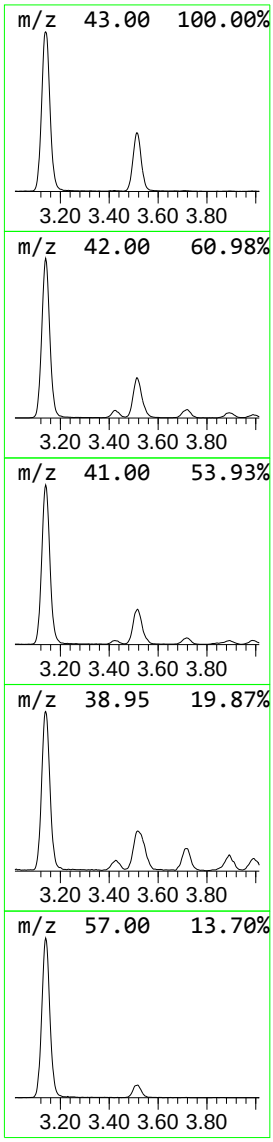
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.515	9.97 ug/l	712516	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Butane, 2-methyl-	72	C5H12	000078-78-4	59
3	Methyl glyoxal	72	C3H4O2	000078-98-8	9
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

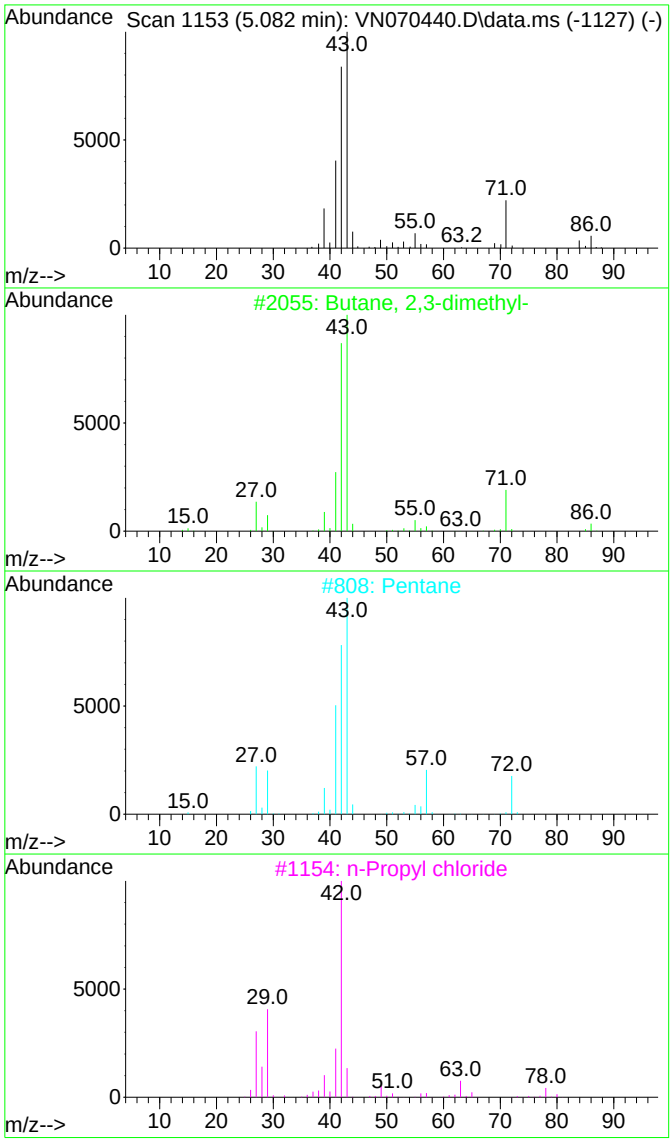
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

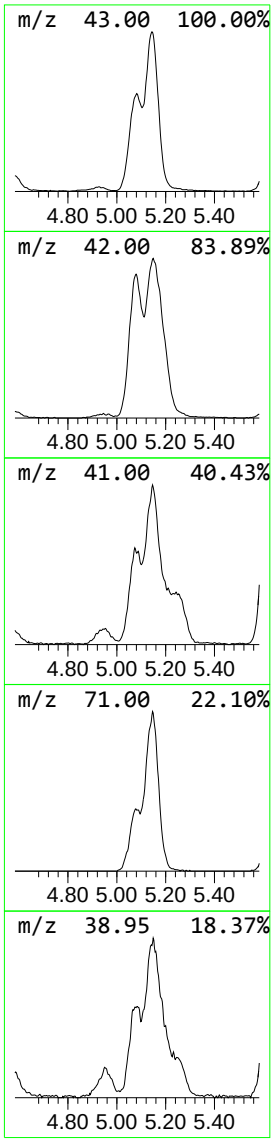
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.082	8.14 ug/l	581752	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane	72	C5H12	000109-66-0	36
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	28
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	23
5	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

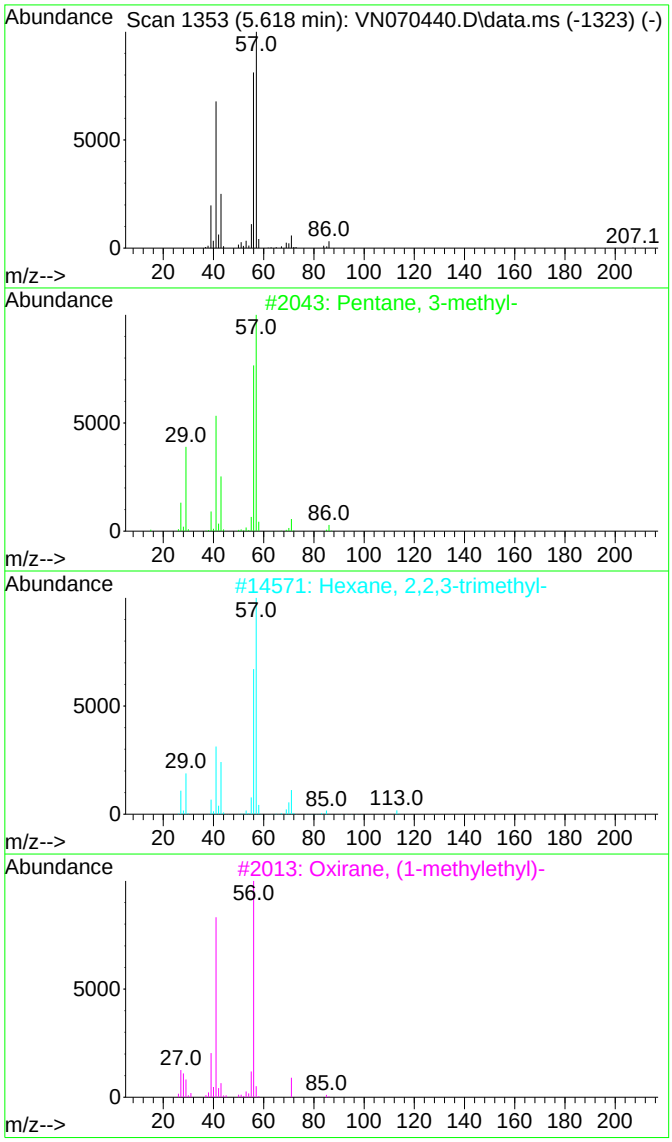
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

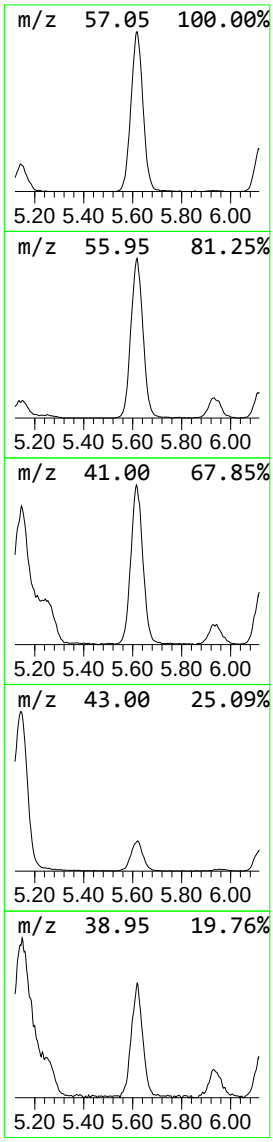
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.618	11.43 ug/l	816969	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

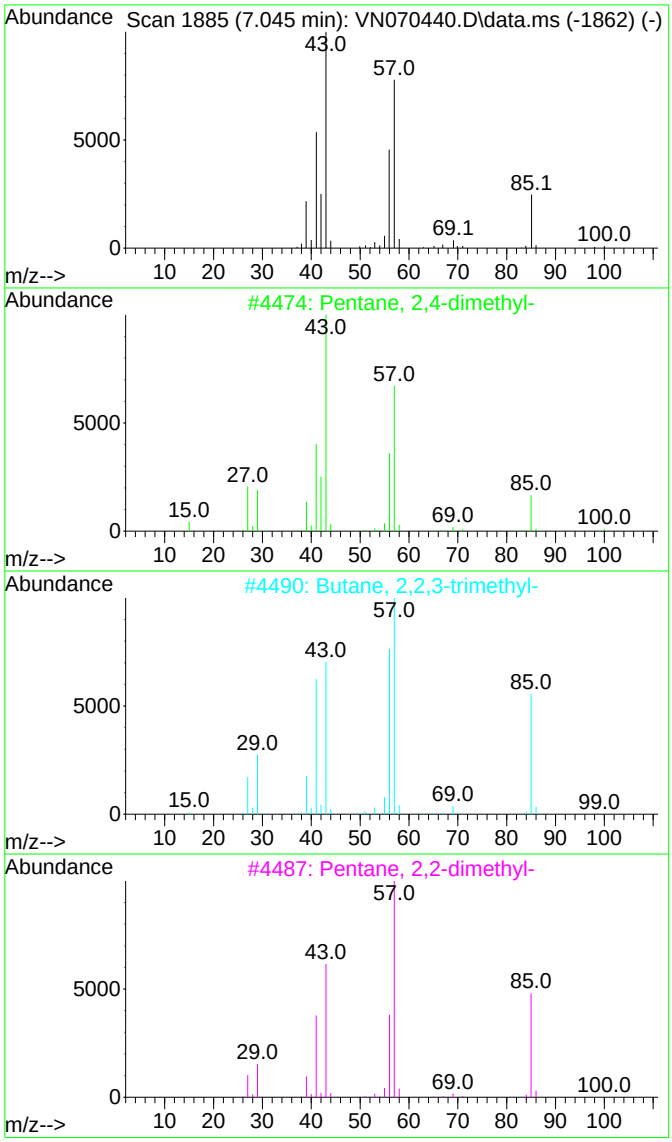
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

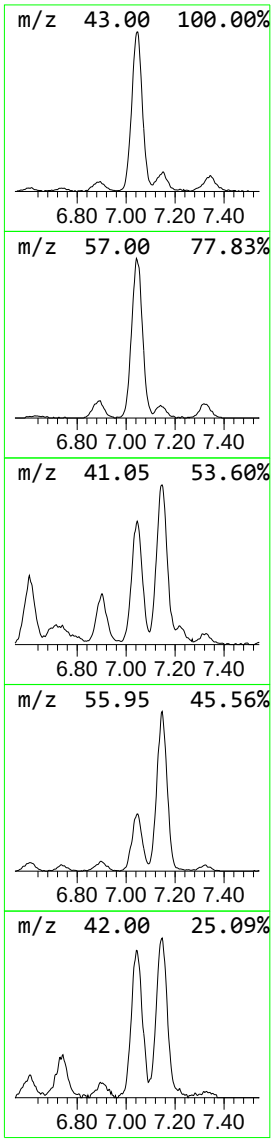
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	6.67 ug/l	476952	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
5	n-Hexane	86	C6H14	000110-54-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

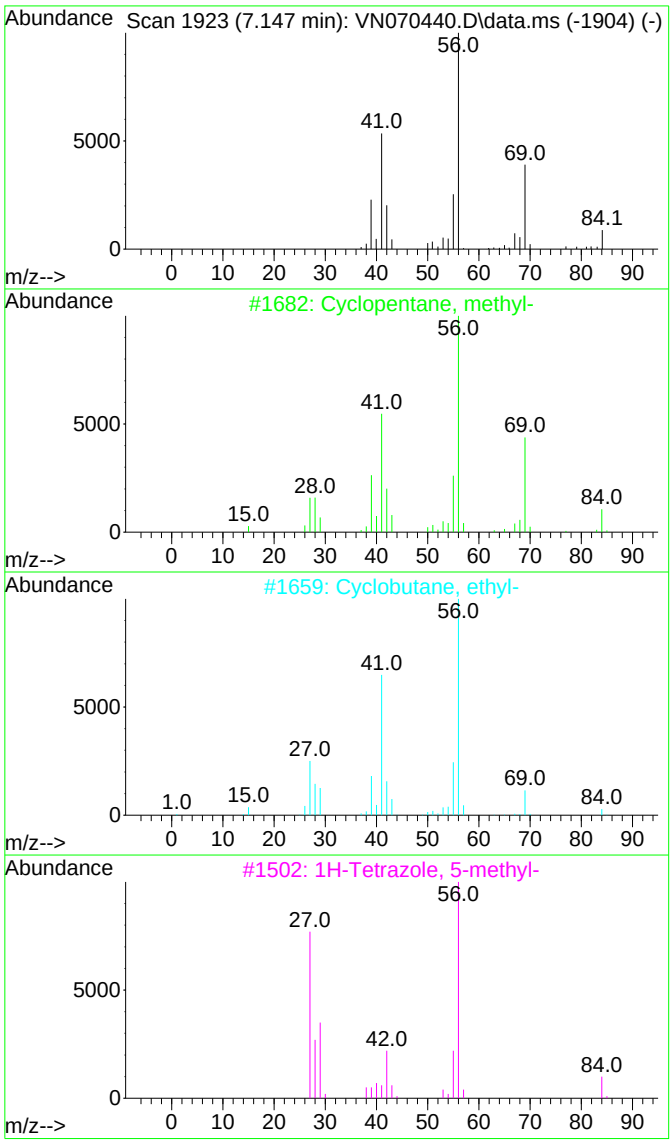
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

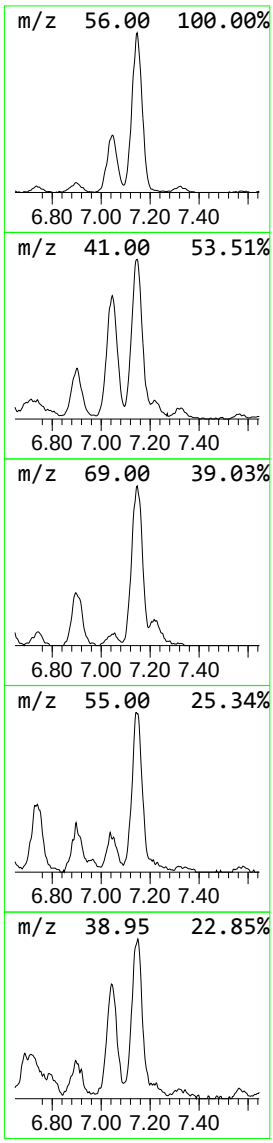
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.147	6.83 ug/l	488559	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
5	Cyclobutane	56	C4H8	000287-23-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

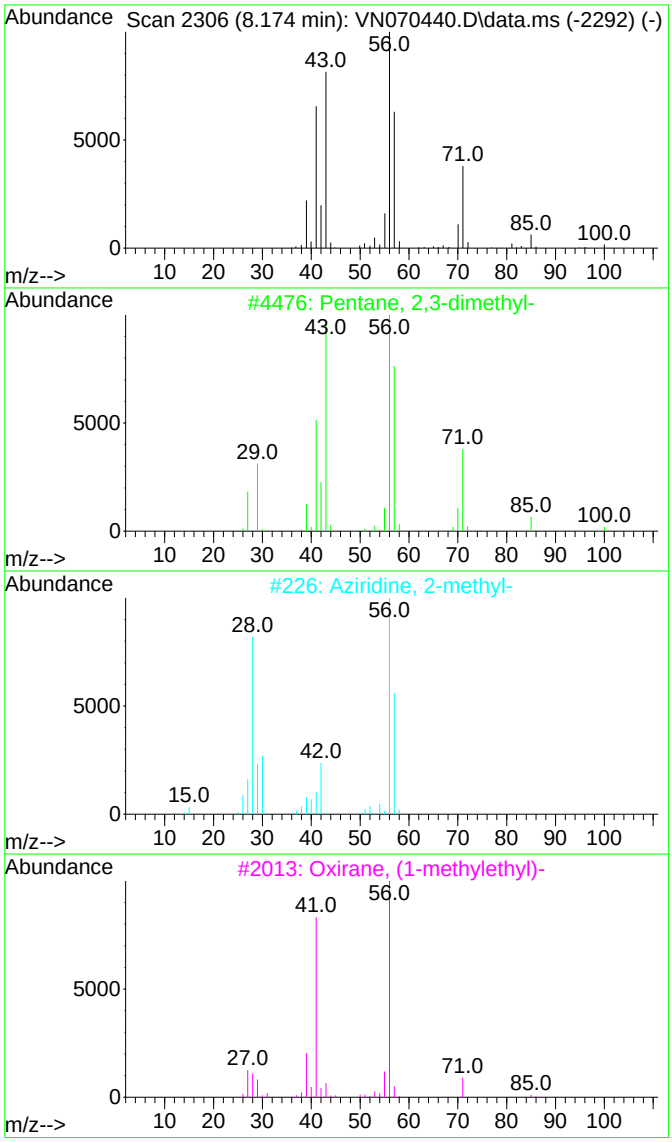
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

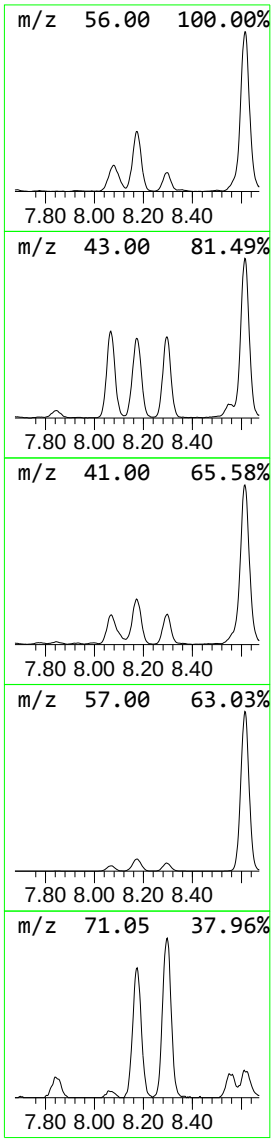
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	11.91 ug/l	851640	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





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Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

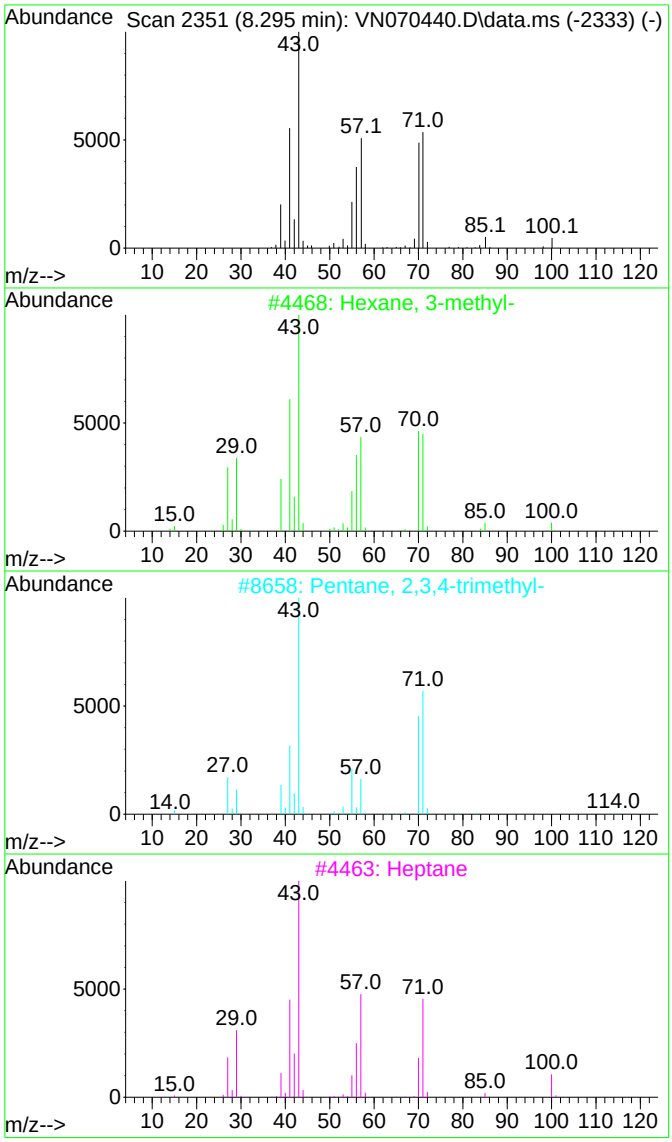
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

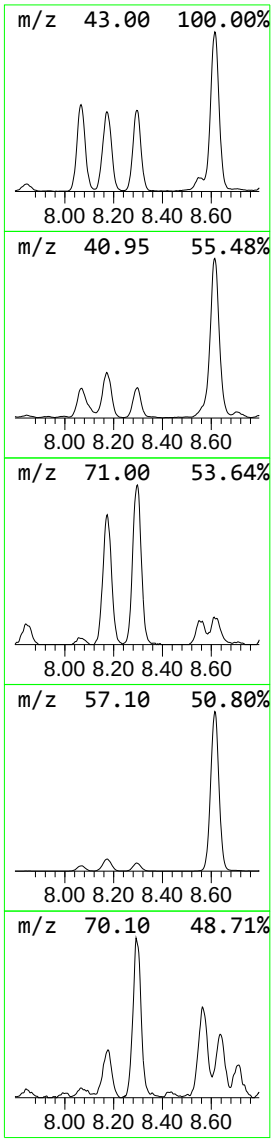
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	8.27 ug/l	591467	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	Heptane	100	C7H16	000142-82-5	59
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	50





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Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

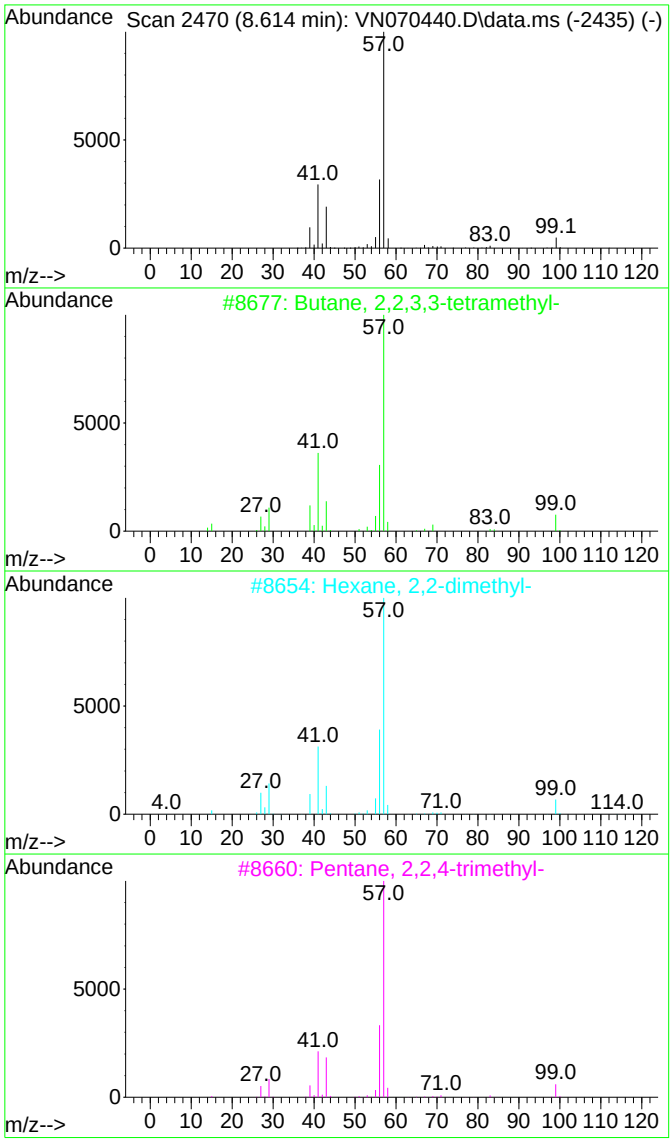
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

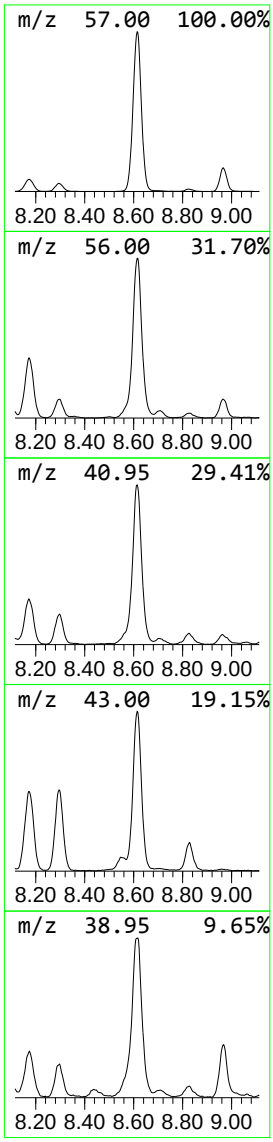
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	41.10 ug/l	3594500	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	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





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Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

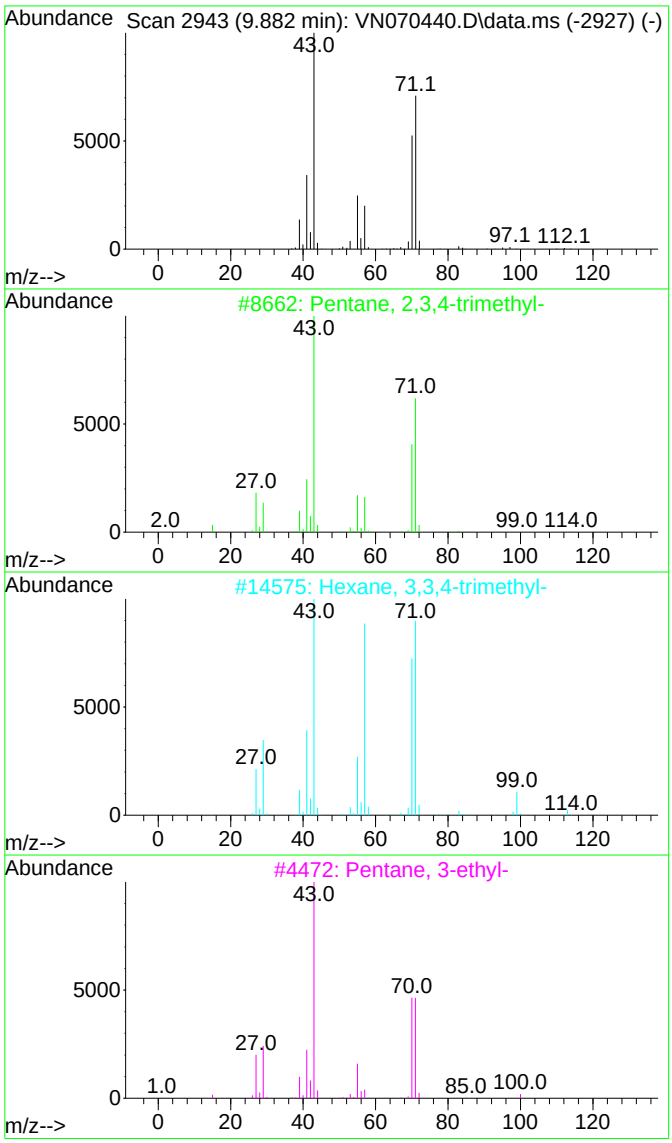
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

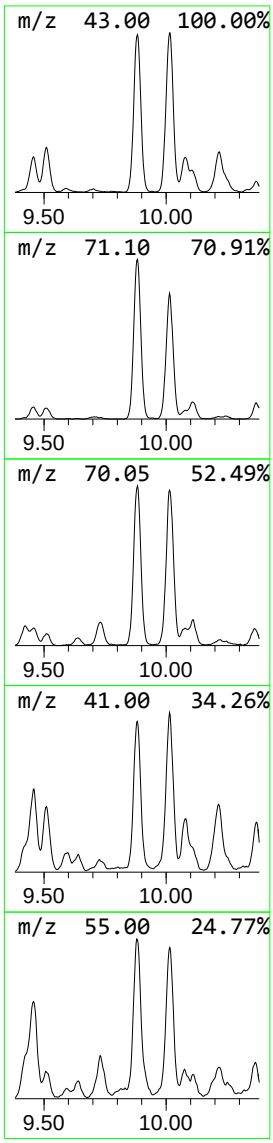
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.882	11.32 ug/l	990256	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	83
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

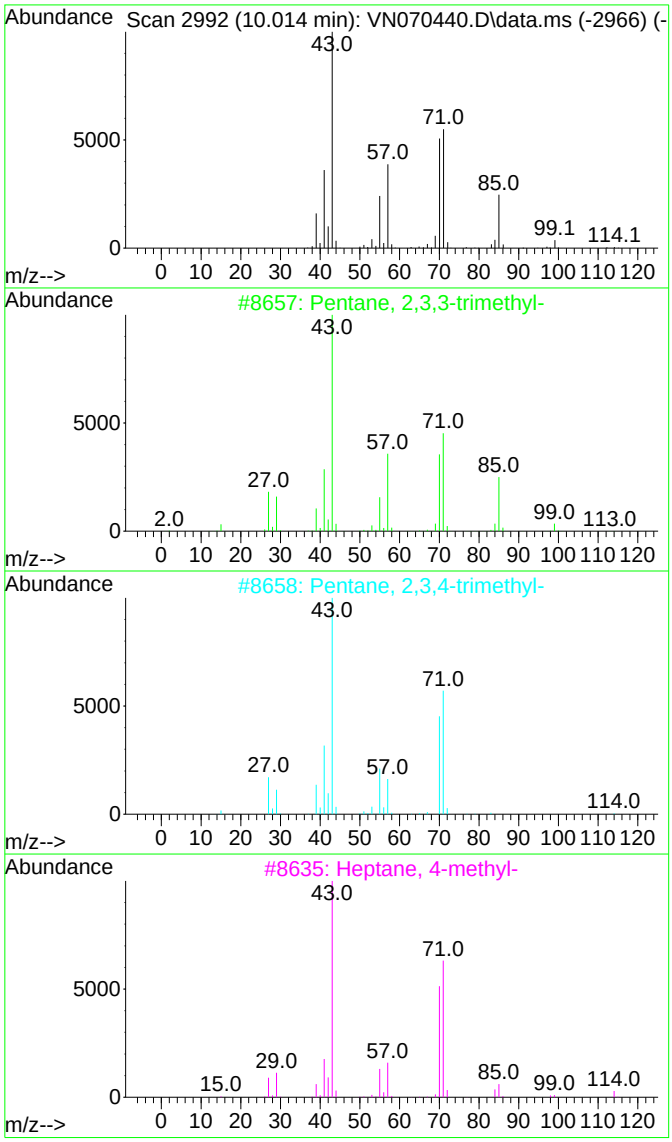
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

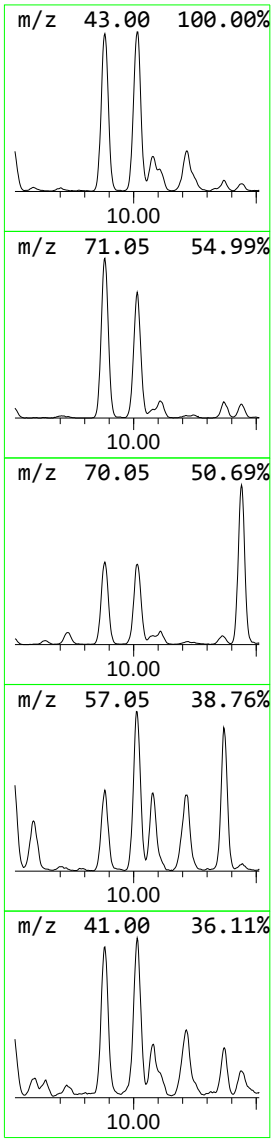
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.014	13.14 ug/l	1148950	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	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	81
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





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Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

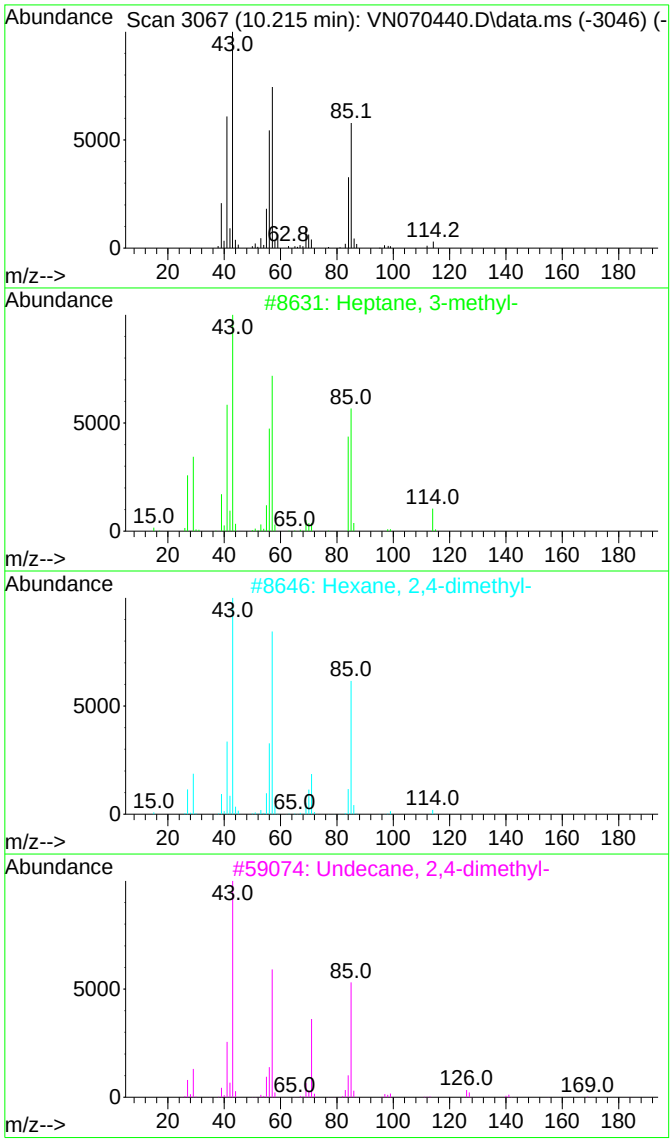
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

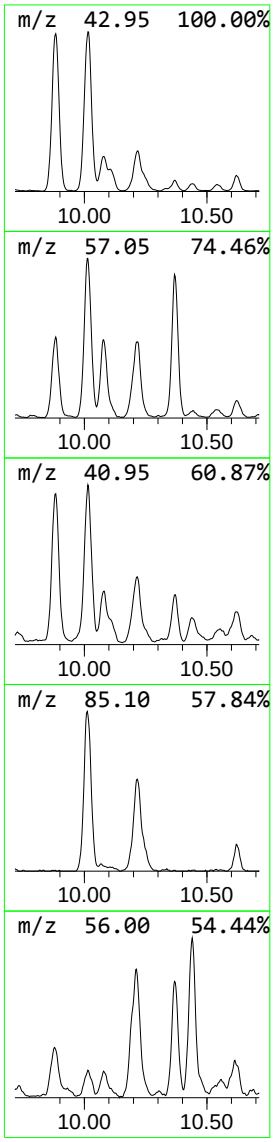
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.215	5.12 ug/l	447599	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

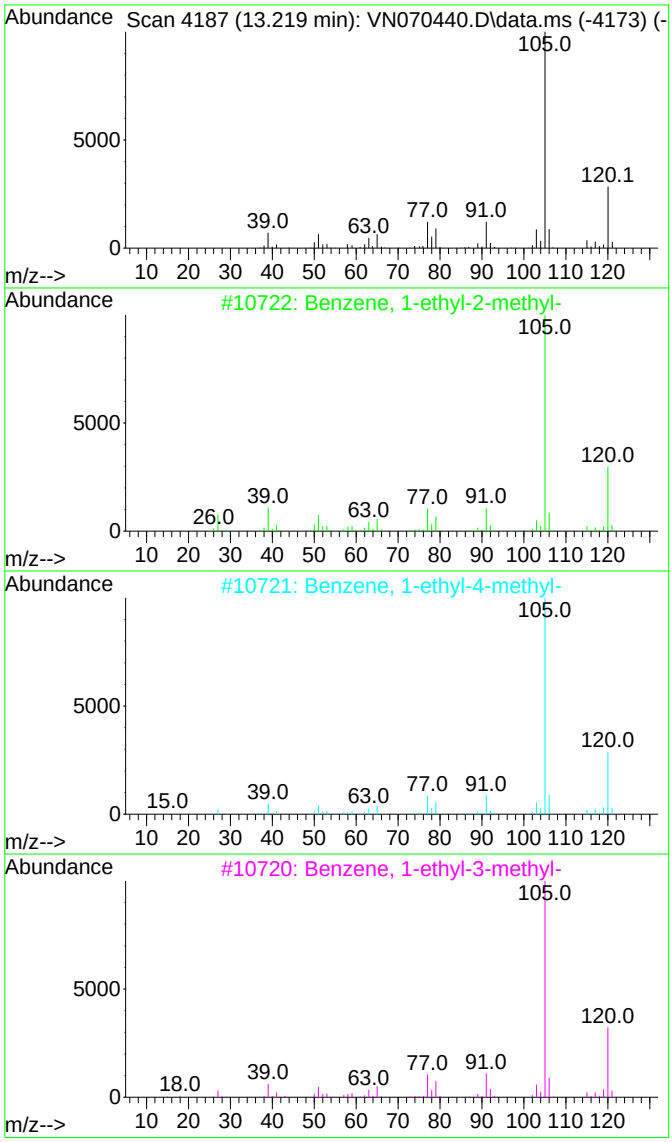
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

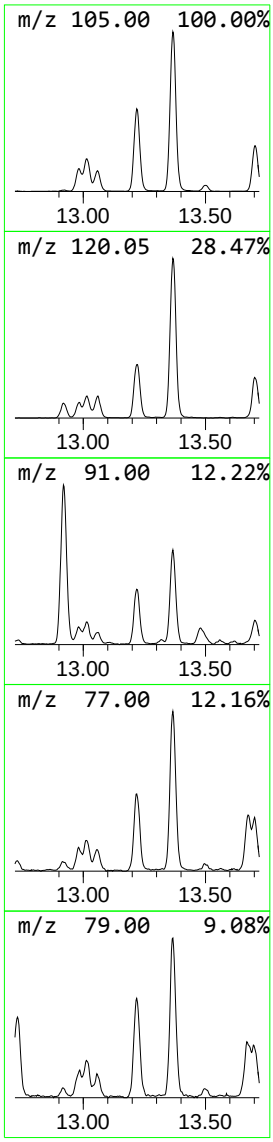
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	9.61 ug/l	766004	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
Sample : M5251-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

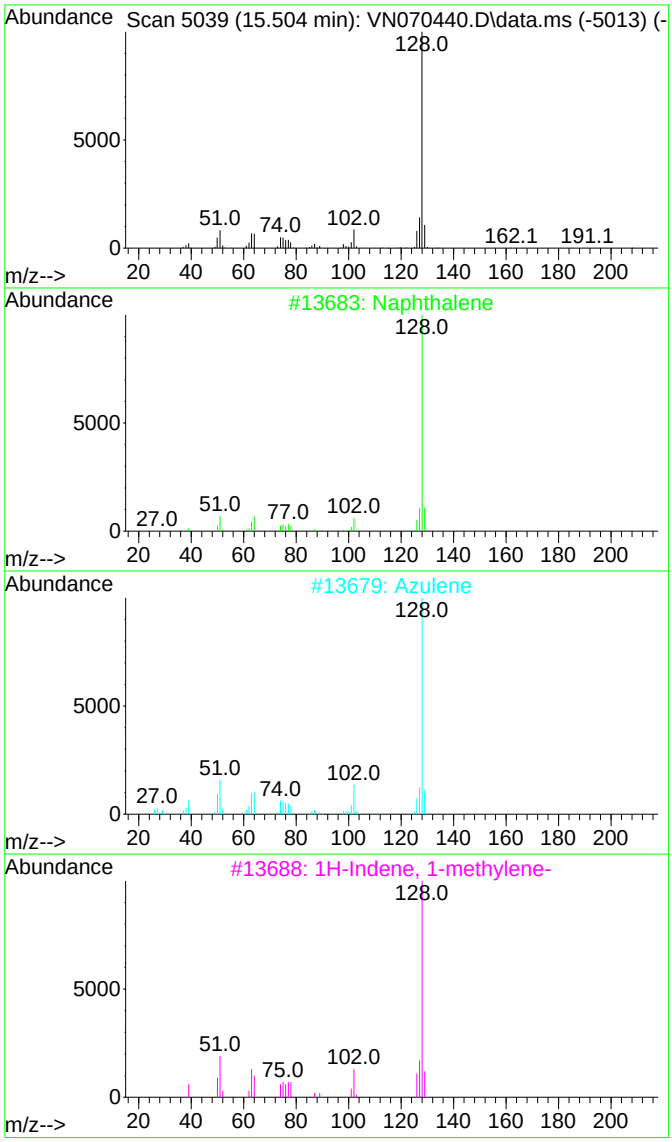
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

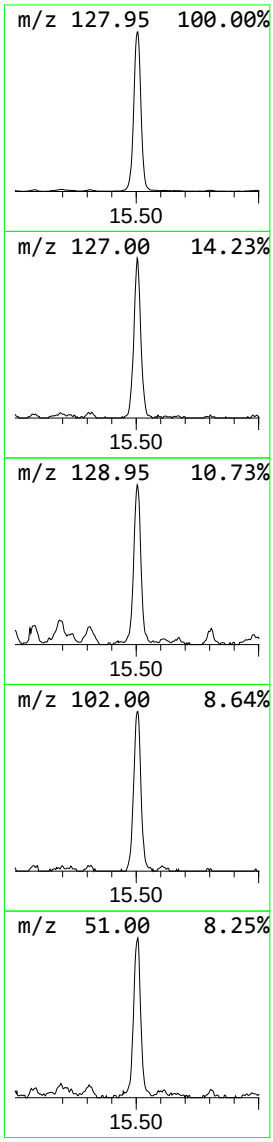
****

Peak Number 15 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.504	8.91 ug/l	710615	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070440.D
Acq On : 3 Jan 2022 16:26
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.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
Sulfur dioxide	2.231	21.3	ug/l	1524860	1	8.086	3575060	50.0
Butane, 2-methyl-	3.140	33.8	ug/l	2418750	1	8.086	3575060	50.0
Pentane	3.515	10.0	ug/l	712516	1	8.086	3575060	50.0
Butane, 2,3-dim...	5.082	8.1	ug/l	581752	1	8.086	3575060	50.0
Pentane, 3-methyl-	5.618	11.4	ug/l	816969	1	8.086	3575060	50.0
Pentane, 2,4-di...	7.045	6.7	ug/l	476952	1	8.086	3575060	50.0
Cyclopentane, m...	7.147	6.8	ug/l	488559	1	8.086	3575060	50.0
Pentane, 2,3-di...	8.174	11.9	ug/l	851640	1	8.086	3575060	50.0
Hexane, 3-methyl-	8.295	8.3	ug/l	591467	1	8.086	3575060	50.0
Butane, 2,2,3,3...	8.614	41.1	ug/l	3594500	2	8.968	4373120	50.0
Pentane, 2,3,4-...	9.882	11.3	ug/l	990256	2	8.968	4373120	50.0
Pentane, 2,3,3-...	10.014	13.1	ug/l	1148950	2	8.968	4373120	50.0
Heptane, 3-methyl-	10.215	5.1	ug/l	447599	2	8.968	4373120	50.0
Benzene, 1-ethy...	13.219	9.6	ug/l	766004	4	13.675	3986600	50.0
Azulene	15.504	8.9	ug/l	710615	4	13.675	3986600	50.0