LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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: VN070438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	75	89	104	rBV	1984184	4083476	24.91%	2.548%
2	2.445	160	170	195	rVB	392226	639369	3.90%	0.399%
3	3.140	410	429	467	rVB	4104842	9476430	57.81%	5.913%
4	3.516	551	569	597	rVB3	939623	2479776	15.13%	1.547%
5	3.717	628	644	670	rVB2	207793	514632	3.14%	0.321%
6	3.891	681	709	726	rBV2	130170	361291	2.20%	0.225%
7	3.993	726	747	776	rVB2	416515	1143867	6.98%	0.714%
8	4.258	821	846	880	rBV6	107635	448599	2.74%	0.280%
9	4.956	1070	1106	1124	rBV10	70597	296577	1.81%	0.185%
10	5.079	1126	1152	1160	rBV4	446242	1414712	8.63%	0.883%
11	5.618	1316	1353	1393	rBV2	755810	2615765	15.96%	1.632%
12	5.935	1443	1471	1500	rBV3	149313	492132	3.00%	0.307%
13	6.120	1512	1540	1565	rBV3	148814	461596	2.82%	0.288%
14	6.286	1576	1602	1622	rBV3	116866	369050	2.25%	0.230%
15	6.466	1654	1669	1695	rVB3	299283	903268	5.51%	0.564%
16	6.605	1697	1721	1739	rBV2	289098	880011	5.37%	0.549%
17	6.696	1741	1755	1777	rVV4	142998	445465	2.72%	0.278%
18	6.900	1812	1831	1862	rVB3	173169	504529	3.08%	0.315%
19	7.042	1863	1884	1900	rBV2	197010	577658	3.52%	0.360%
20	7.147	1901	1923	1943	rBV2	1583012	4524458	27.60%	2.823%
21	7.844	2166	2183	2204	rVB	485076	1188130	7.25%	0.741%
22	8.021	2226	2249	2258	rBV2	693500	1697918	10.36%	1.059%
23	8.083	2259	2272	2291	rVV3	1827927	4779978	29.16%	2.983%
24	8.174	2293	2306	2329	rVB2	583868	1491589	9.10%	0.931%
25	8.295	2332	2351	2367	rBV2	405921	948462	5.79%	0.592%
26	8.437	2386	2404	2427	rBV	866982	2010299	12.26%	1.254%
27	8.611	2434	2469	2494	rBV2	1364939	4743036	28.93%	2.960%
28	8.705	2494	2504	2526	rVB4	163477	405431	2.47%	0.253%
29	8.826	2526	2549	2573	rVB7	81086	312981	1.91%	0.195%
30	8.965	2578	2601	2629	rBV	2297047	5115799	31.21%	3.192%
31	9.242	2696	2704	2727	rVB2	161124	333872	2.04%	0.208%
32	9.456	2753	2784	2796	rBV5	574811	1713290	10.45%	1.069%
33	9.510	2797	2804	2822	rVB3	187669	354080	2.16%	0.221%
34	9.639	2842	2852	2866	rVB2	134218	255877	1.56%	0.160%
35	9.880	2930	2942	2961	rVB	582360	1180718	7.20%	0.737%
36	9.971	2962	2976	2981	rBV	277638	479297	2.92%	0.299%

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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	2983	2992	3007	rVB	654938	1283898	7.83%	0.801%
38	10.207	3046	3064	3093	rBV7	202602	632655	3.86%	0.395%
39	10.320	3093	3106	3116	rBV4	214969	416414	2.54%	0.260%
40	10.365	3118	3123	3135	rVB4	121313	185747	1.13%	0.116%
41	10.440	3135	3151	3168	rBV	3154228	5882737	35.89%	3.671%
42	10.625	3207	3220	3235	rVB10	86137	232630	1.42%	0.145%
43	10.862	3295	3308	3327	rVB9	117069	310553	1.89%	0.194%
44	11.744	3618	3637	3656	rBV	2704590	4897566	29.88%	3.056%
45	11.843	3658	3674	3697	rVV	6765605	11615420	70.86%	7.248%
46	11.956	3699	3716	3757	rVB	4834979	8974325	54.75%	5.600%
47	12.278	3814	3836	3859	rBV	914460	1628470	9.93%	1.016%
48	12.575	3935	3947	3963	rBV	419477	695970	4.25%	0.434%
49	12.728	3989	4004	4026	rBV	2242659	3965260	24.19%	2.474%
50	12.919	4061	4075	4088	rBV	930894	1550708	9.46%	0.968%
51	12.983	4088	4099	4101	rVV	442740	579945	3.54%	0.362%
52	13.012	4103	4110	4120	rVV	1300867	2147488	13.10%	1.340%
53	13.058	4120	4127	4143	rVB	452966	708633	4.32%	0.442%
54	13.219	4170	4187	4208	rBV	4023768	6773787	41.32%	4.227%
55	13.366	4226	4242	4273	rVB	9907056	16392551	100.00%	10.229%
56	13.493	4275	4289	4302	rVB4	76558	185610	1.13%	0.116%
57	13.675	4342	4357	4360	rBV	2369768	3532337	21.55%	2.204%
58	13.702	4363	4367	4387	rVB	3312733	4636004	28.28%	2.893%
59	13.836	4404	4417	4420	rBV	422369	555140	3.39%	0.346%
60	13.873	4421	4431	4444	rVB	3087497	5075869	30.96%	3.167%
61	14.064	4488	4502	4514	rVB2	417560	768483	4.69%	0.480%
62	14.128	4514	4526	4532	rBV	608472	1017989	6.21%	0.635%
63	14.214	4547	4558	4571	rVB	1065157	1686999	10.29%	1.053%
64	14.276	4571	4581	4588	rVV	145019	228876	1.40%	0.143%
65	14.327	4589	4600	4620	rVB2	804469	1376743	8.40%	0.859%
66	14.458	4637	4649	4661	rVB	265482	439128	2.68%	0.274%
67	14.538	4663	4679	4685	rBV	605567	1010343	6.16%	0.630%
68	14.576	4685	4693	4705	rVB	873059	1343892	8.20%	0.839%
69	14.807	4768	4779	4790	rBV	524246	853763	5.21%	0.533%
70	14.927	4805	4824	4838	rBV3	1230144	2586907	15.78%	1.614%
71	14.992	4839	4848	4863	rVB5	125983	255161	1.56%	0.159%
72	15.080	4869	4881	4899	rBV4	199171	371647	2.27%	0.232%
73	15.193	4901	4923	4950	rVV6	204119	693202	4.23%	0.433%
74	15.308	4953	4966	4983	rVB4	161729	384443	2.35%	0.240%
75	15.504	5021	5039	5063	rVB	2074277	4038145	24.63%	2.520%
76	15.606	5066	5077	5090	rVB4	132860	247774	1.51%	0.155%

LSC Area Percent Report

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Acq On : 3 Jan 2022 15:36
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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

77	16.617	5437	5454	5481	rVB2	186599	453373	2.77%	0.283%

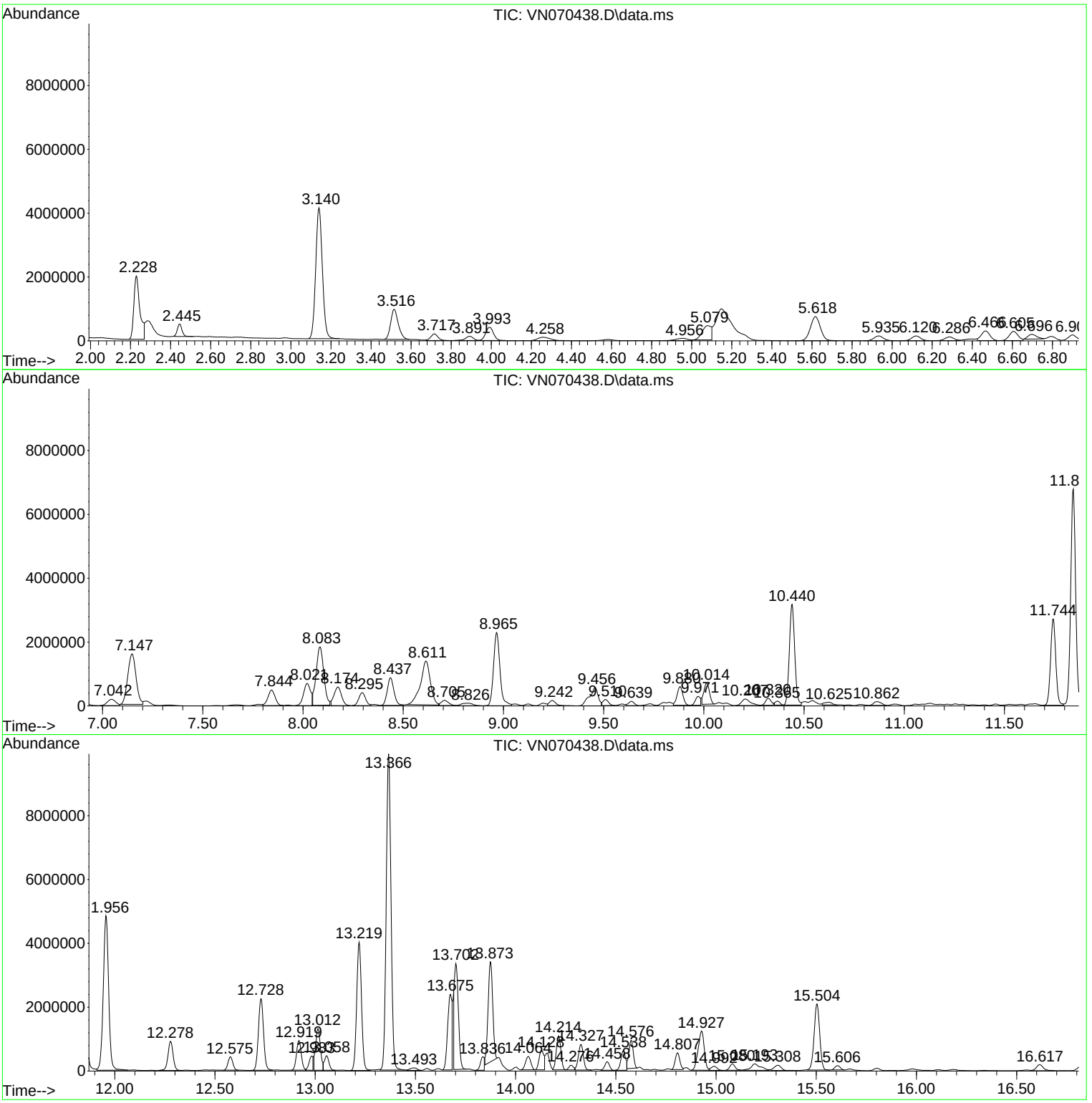
Sum of corrected areas: 160260003

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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 : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
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MSVOA_N
ClientSampleId :
MW-2

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

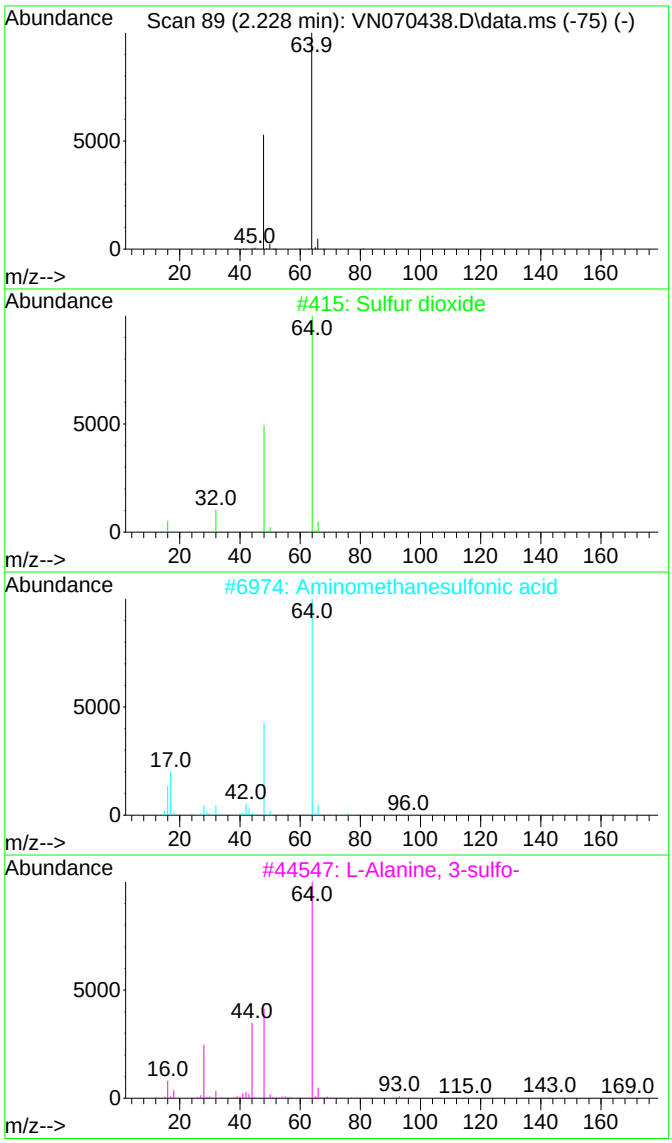
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

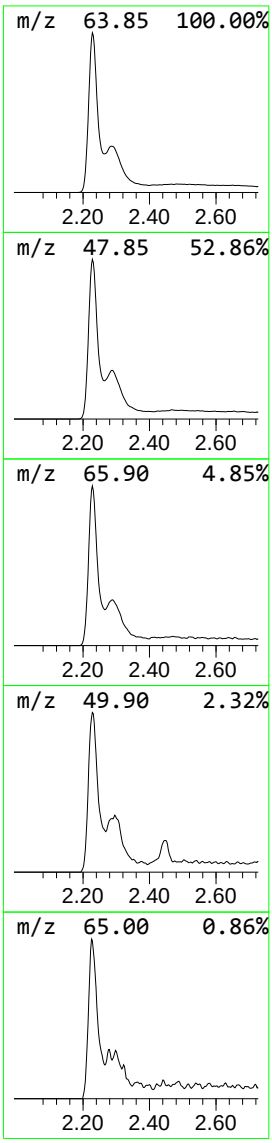
****

Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	42.71 ug/l	4083480	Pentafluorobenzene	8.083

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	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

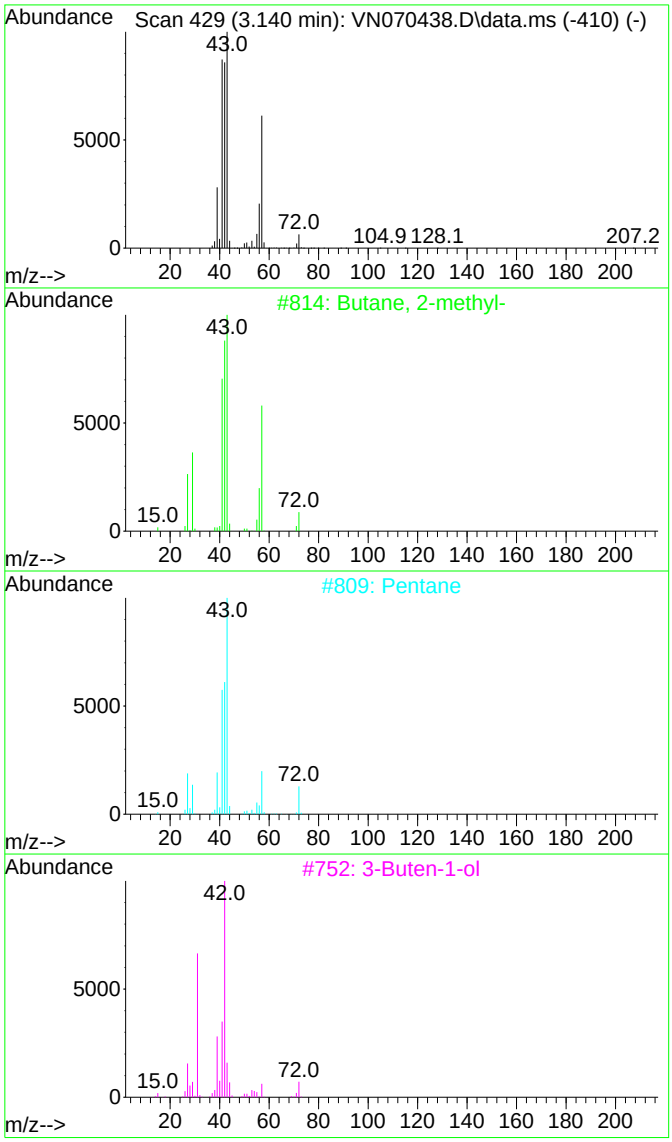
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

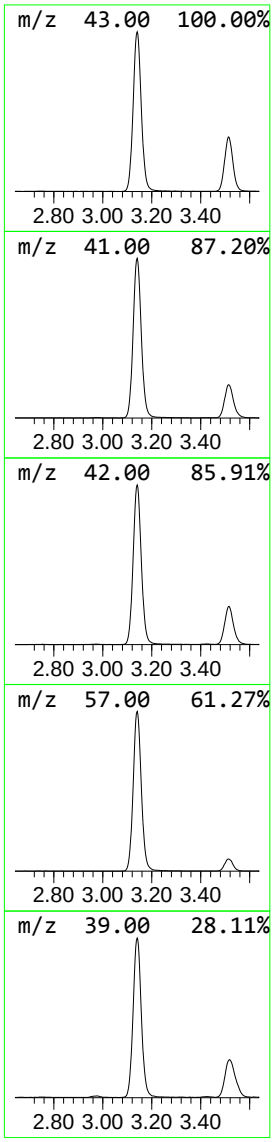
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	99.13 ug/l	9476430	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	33
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

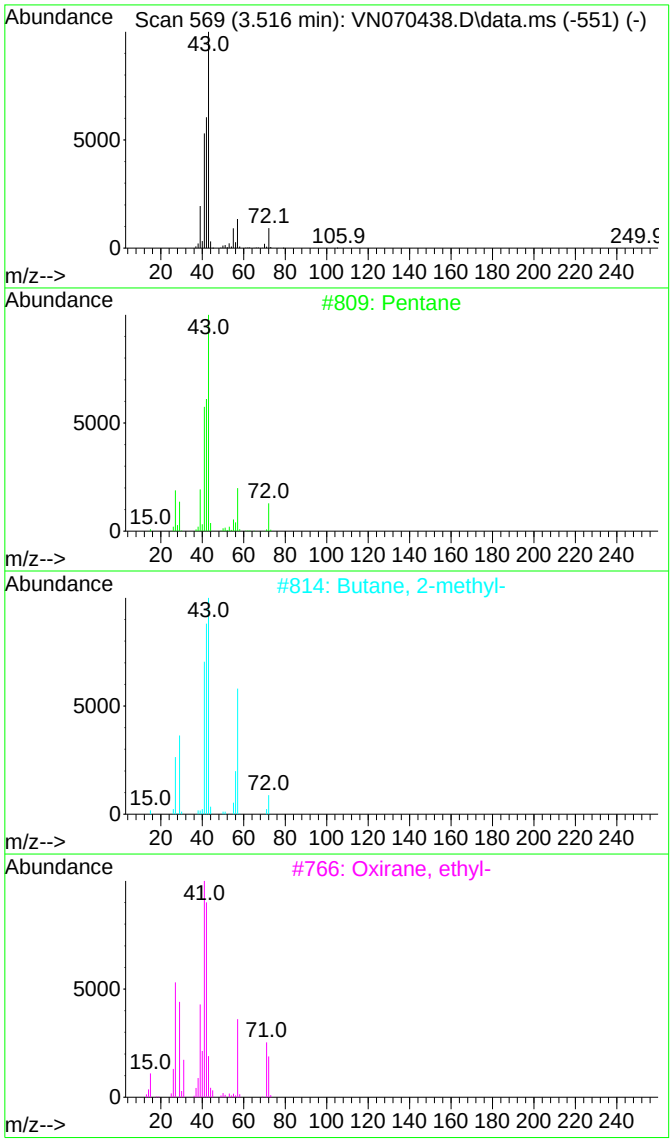
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

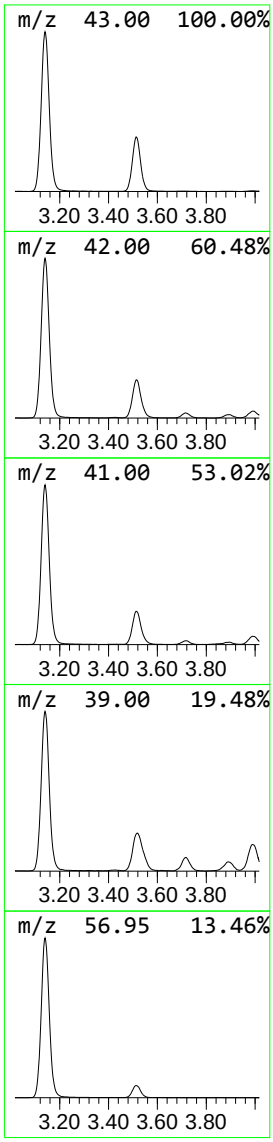
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.516	25.94 ug/l	2479780	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	59
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	9





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

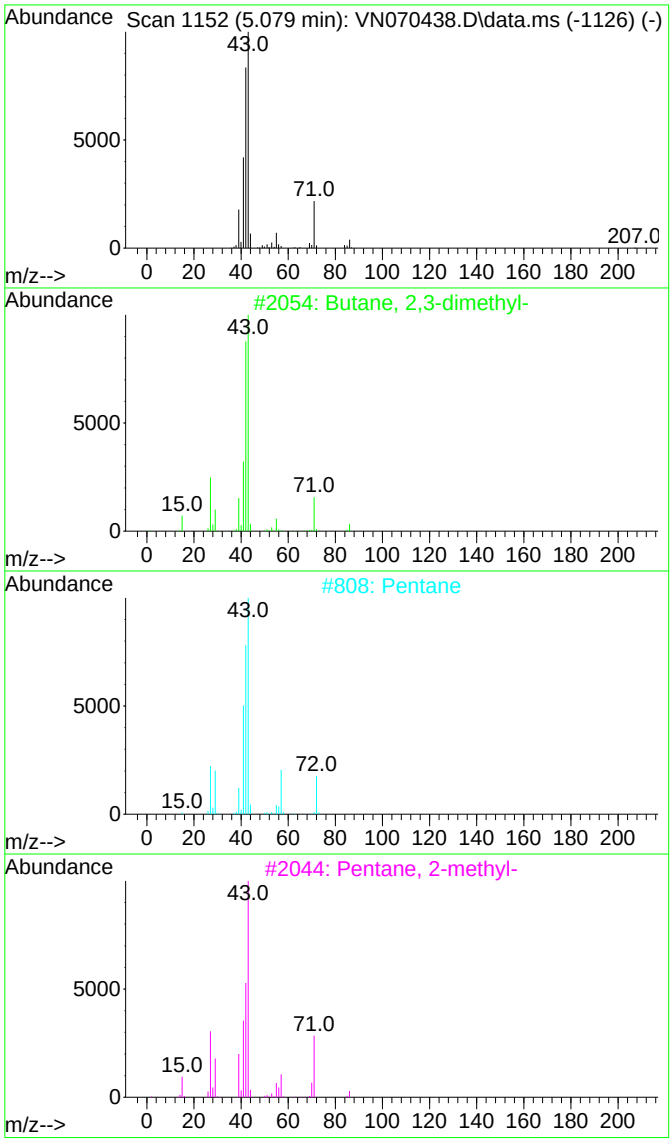
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

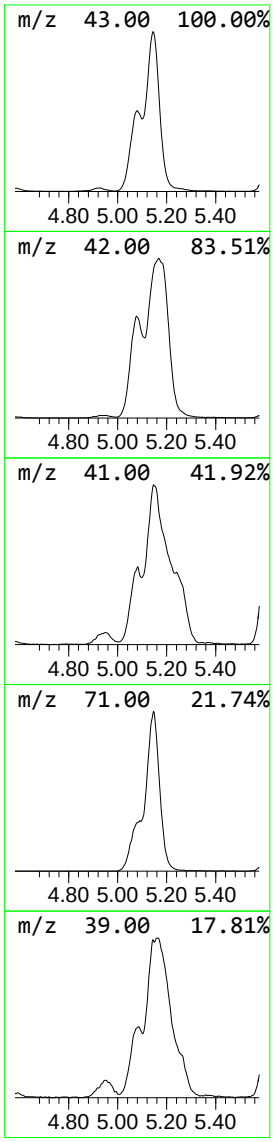
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.079	14.80 ug/l	1414710	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane	72	C5H12	000109-66-0	42
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	10
5	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	10





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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

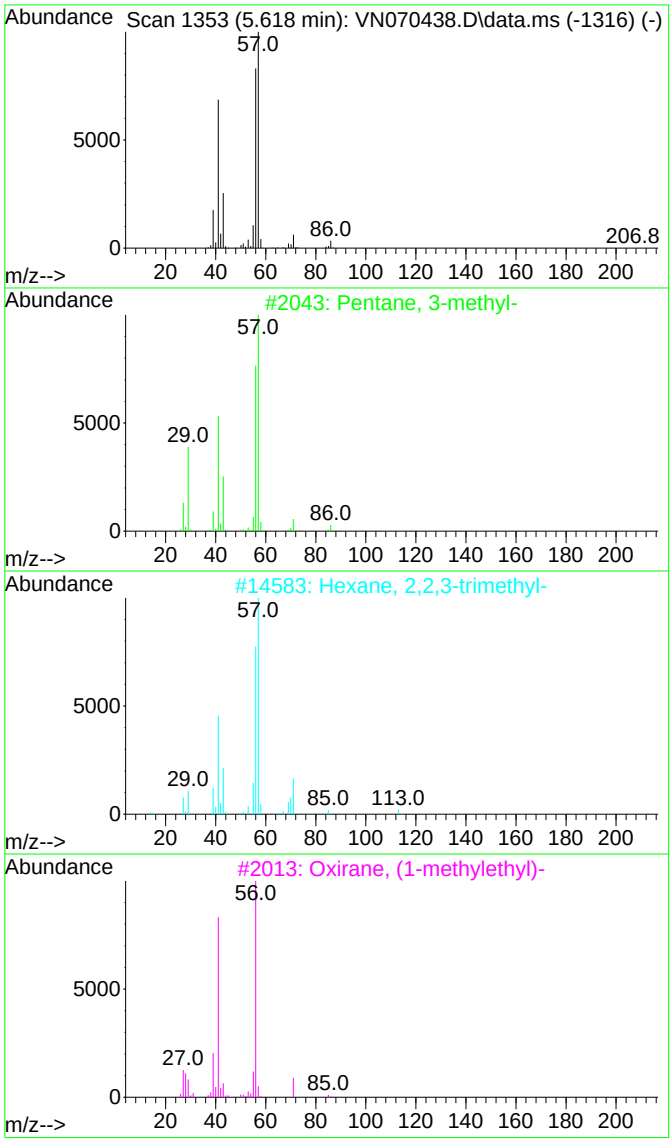
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

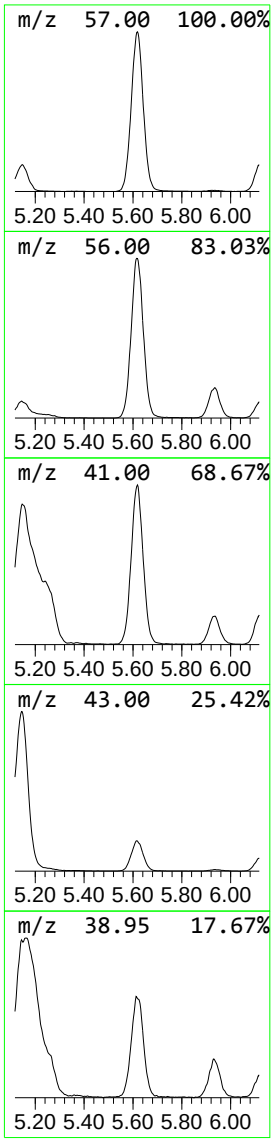
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.618	27.36 ug/l	2615770	Pentafluorobenzene	8.083

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	74
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	50
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





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Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

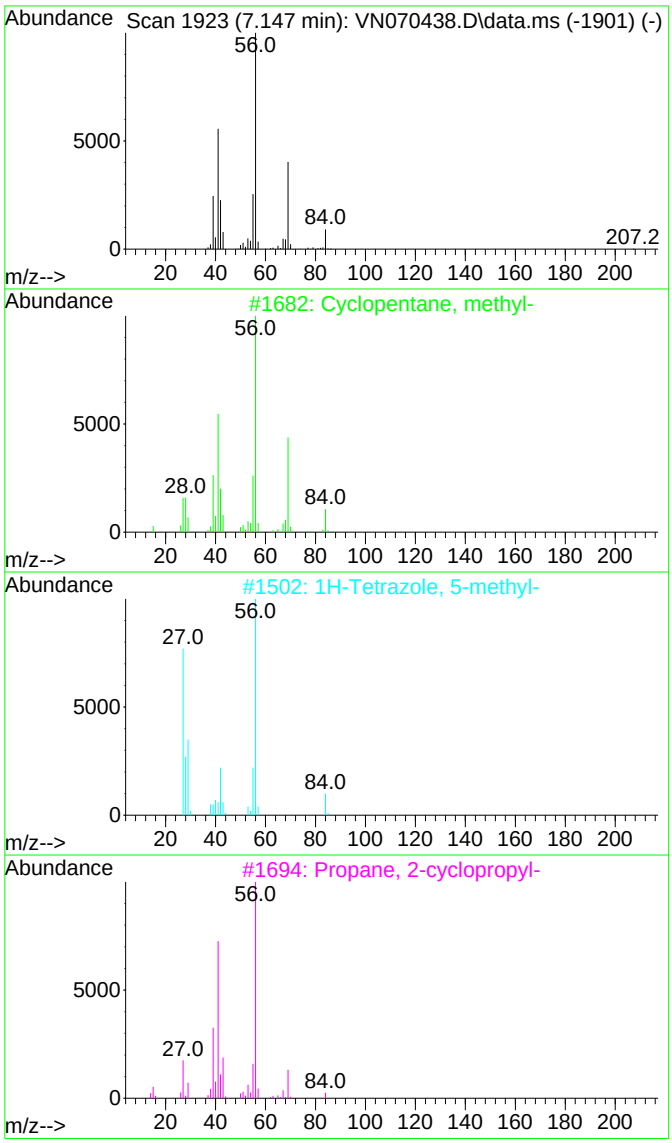
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

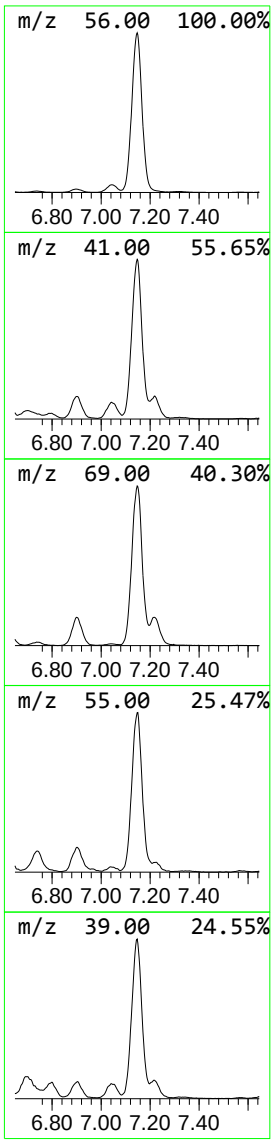
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.147	47.33 ug/l	4524460	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

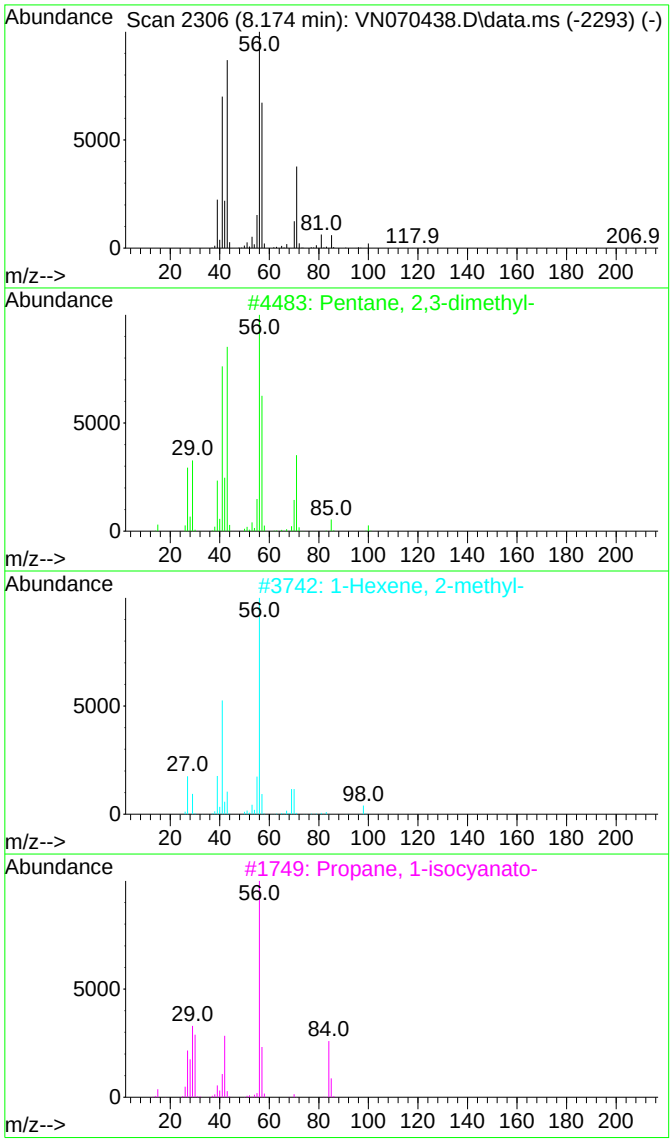
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

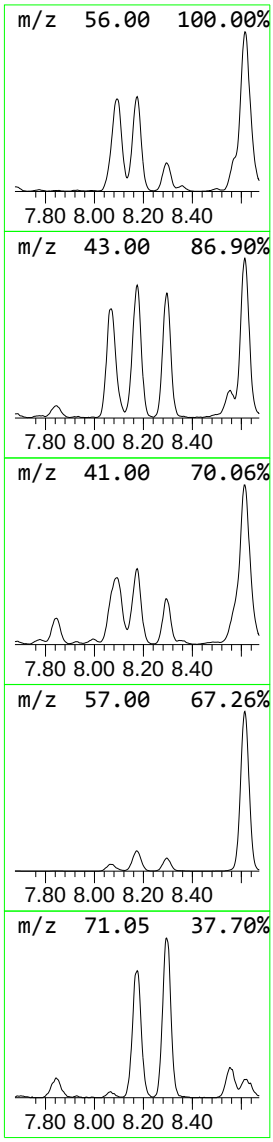
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	15.60 ug/l	1491590	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	43
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38





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Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

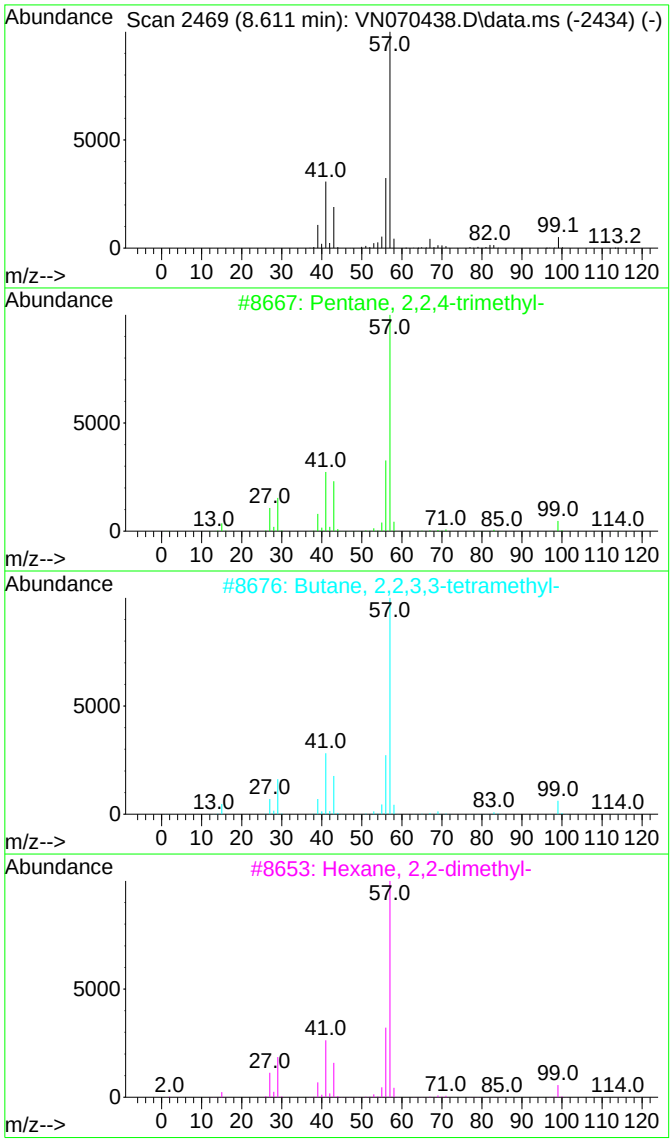
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

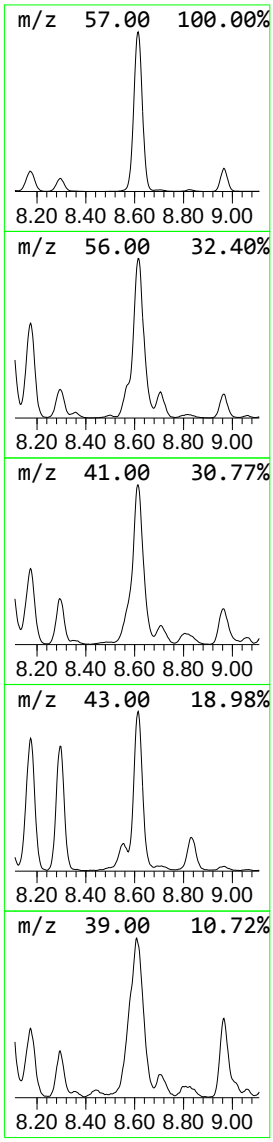
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.611	46.36 ug/l	4743040	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53





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Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

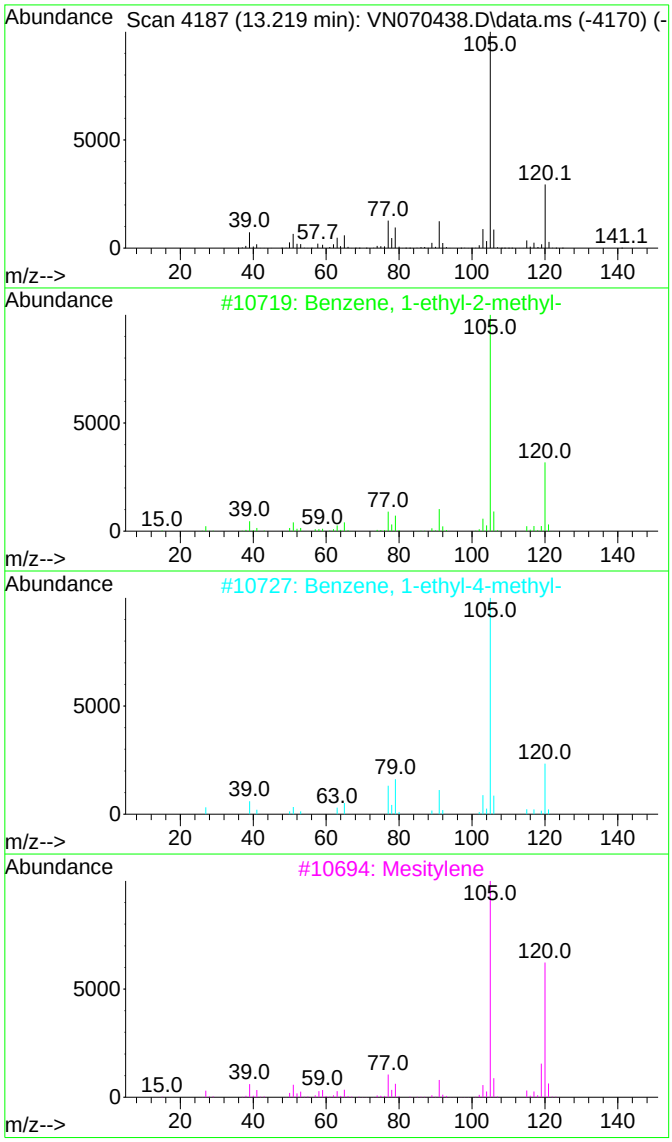
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

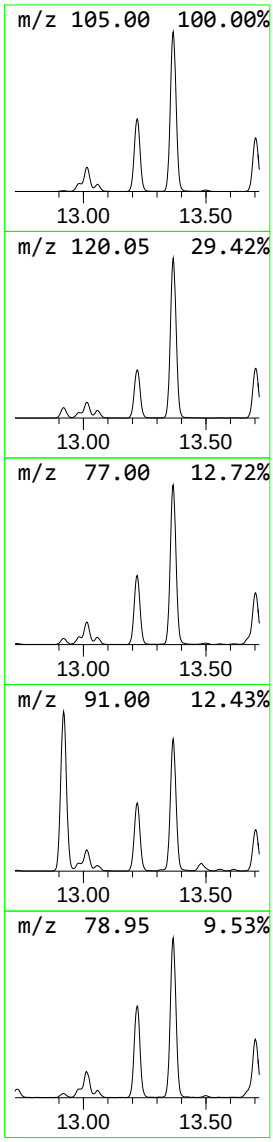
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	95.88 ug/l	6773790	1,4-Dichlorobenzene-d4	13.672

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
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Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

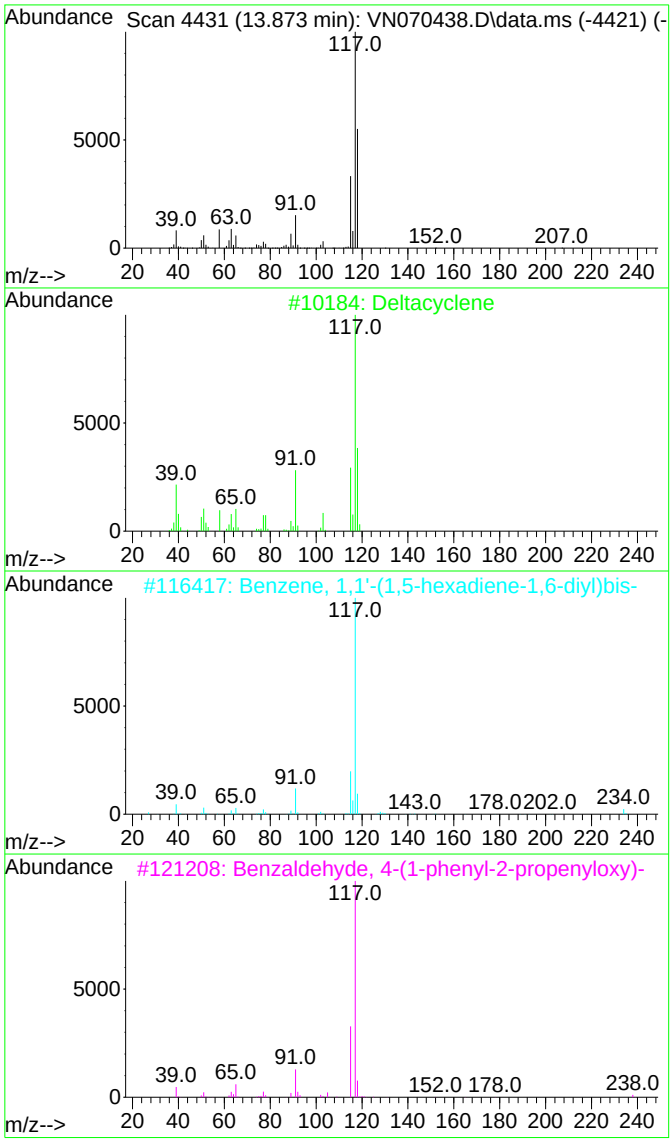
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

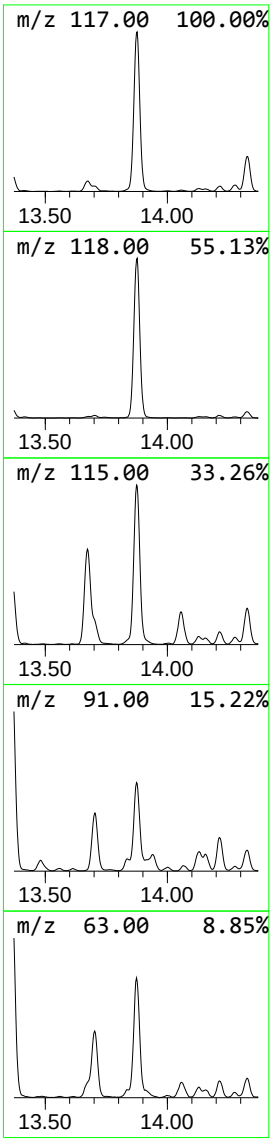
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Deltacyclene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	71.85 ug/l	5075870	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	72
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
4	Indole	117	C8H7N	000120-72-9	49
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

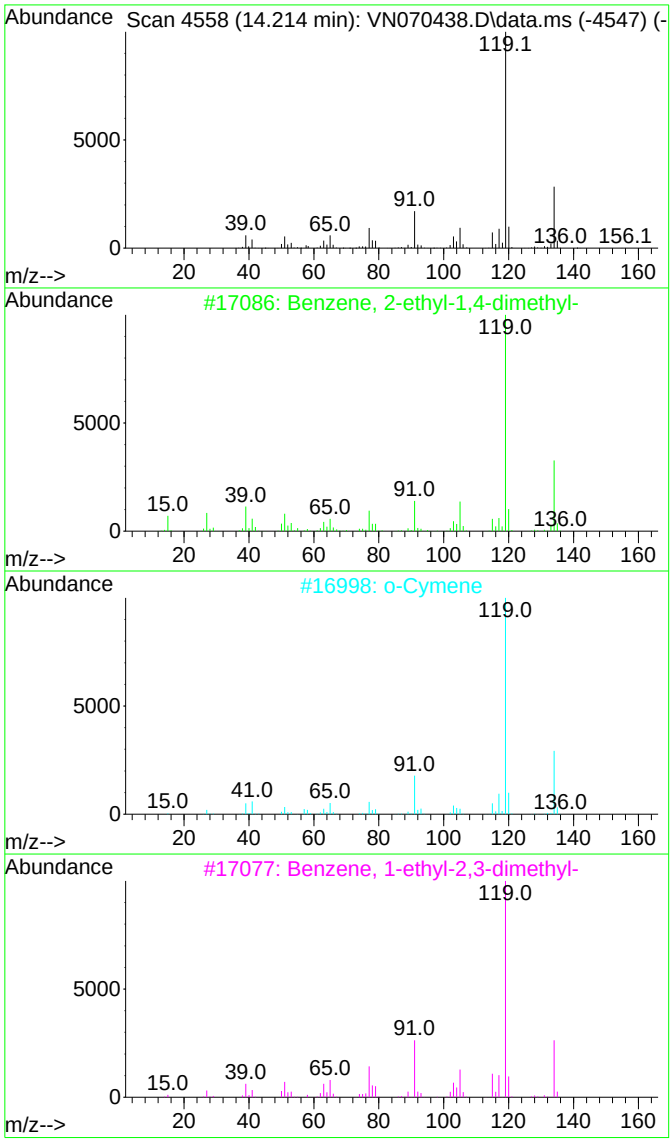
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

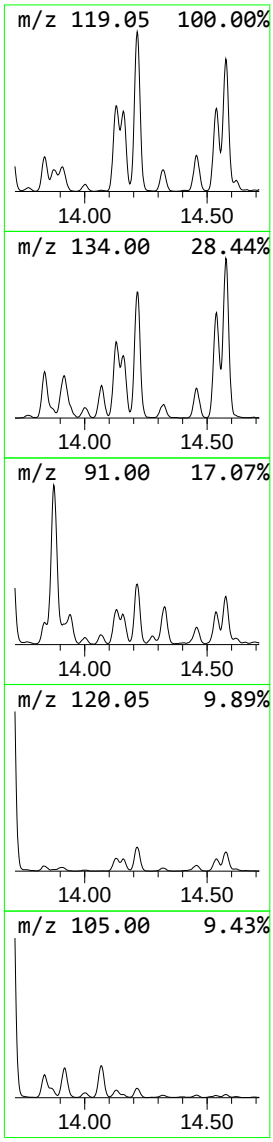
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	23.88 ug/l	1687000	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

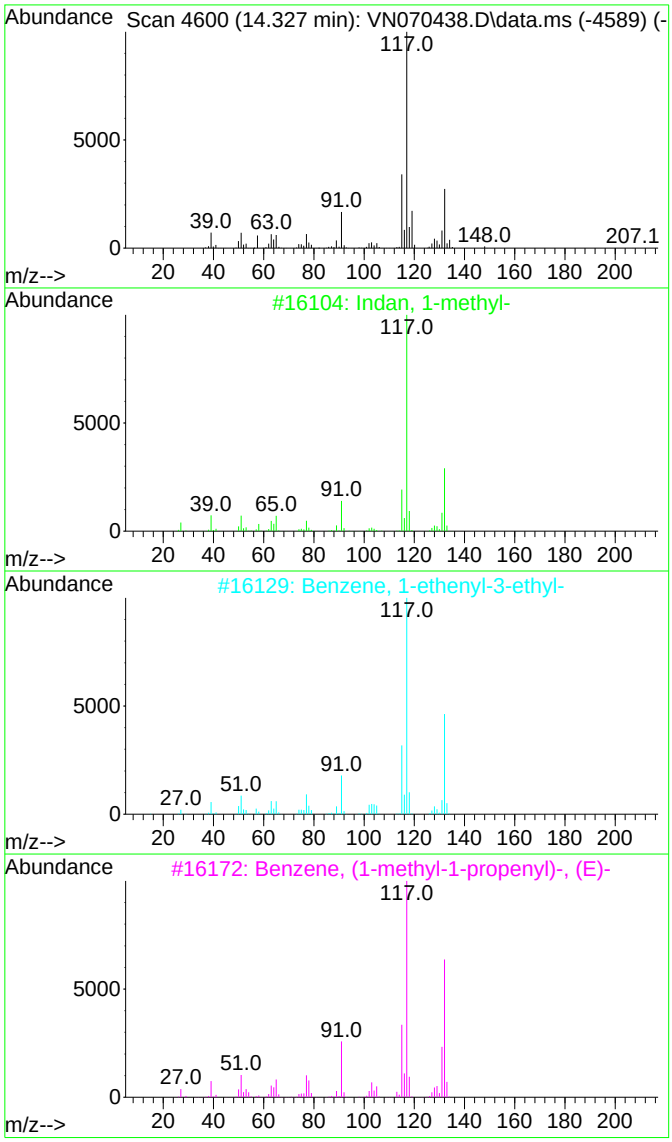
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

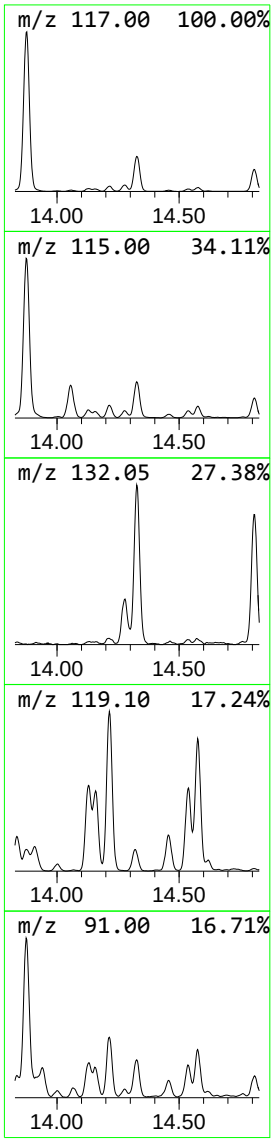
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	19.49 ug/l	1376740	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

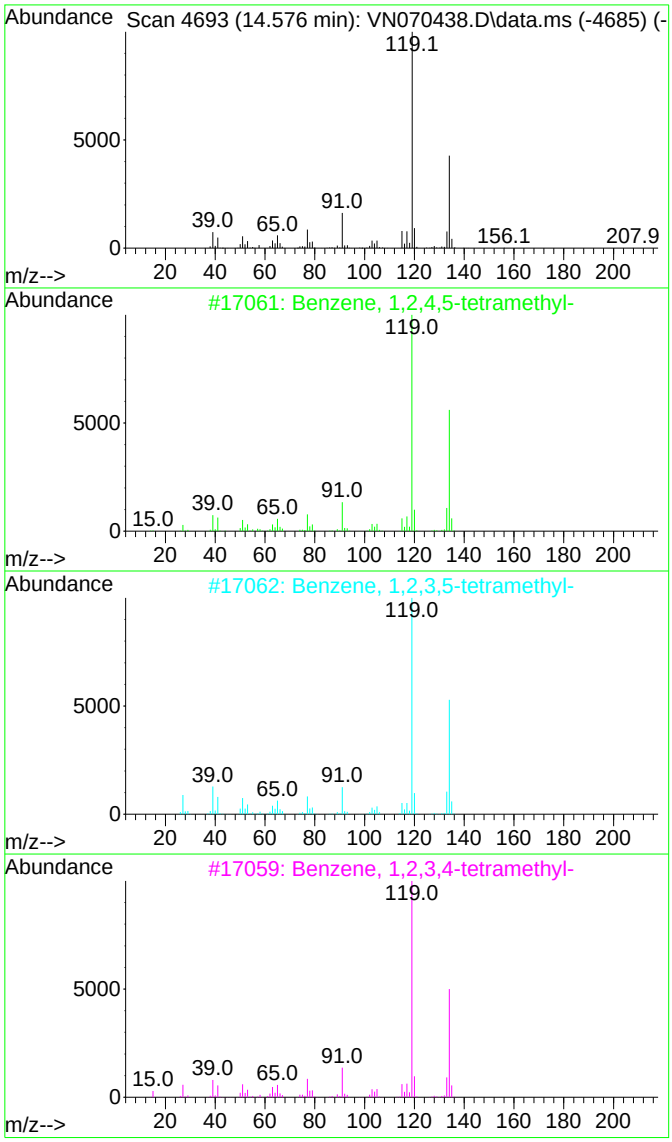
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

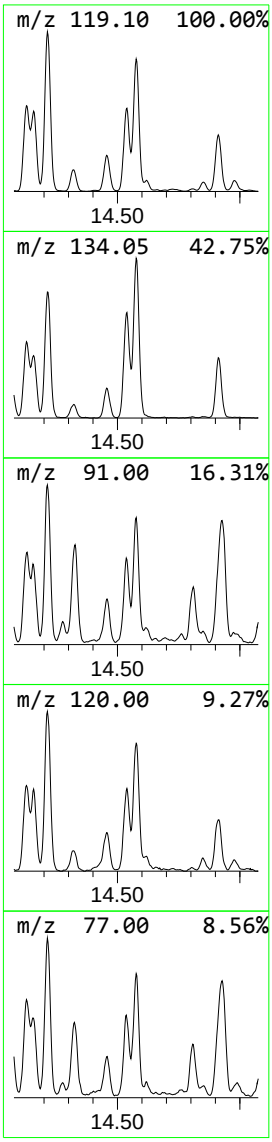
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.576	19.02 ug/l	1343890	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

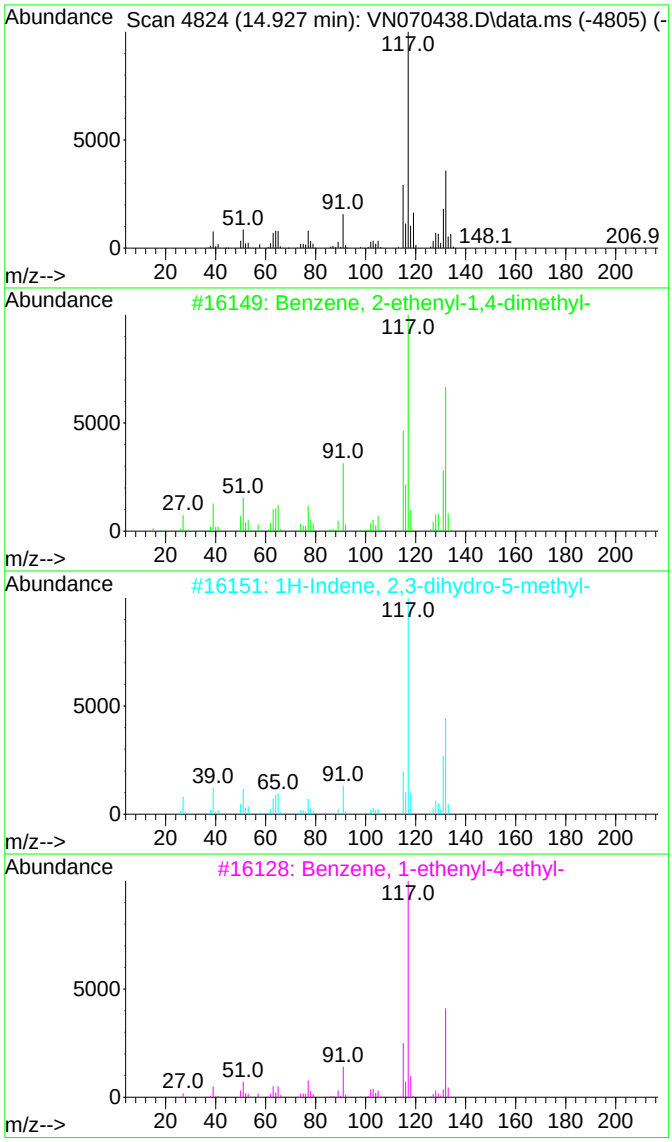
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

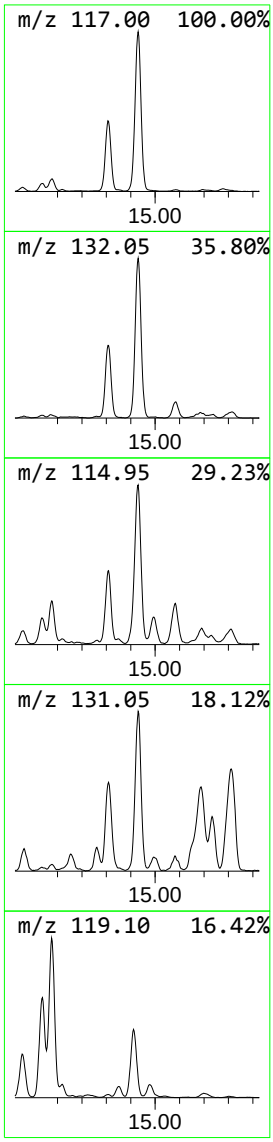
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	36.62 ug/l	2586910	1,4-Dichlorobenzene-d4	13.672

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	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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

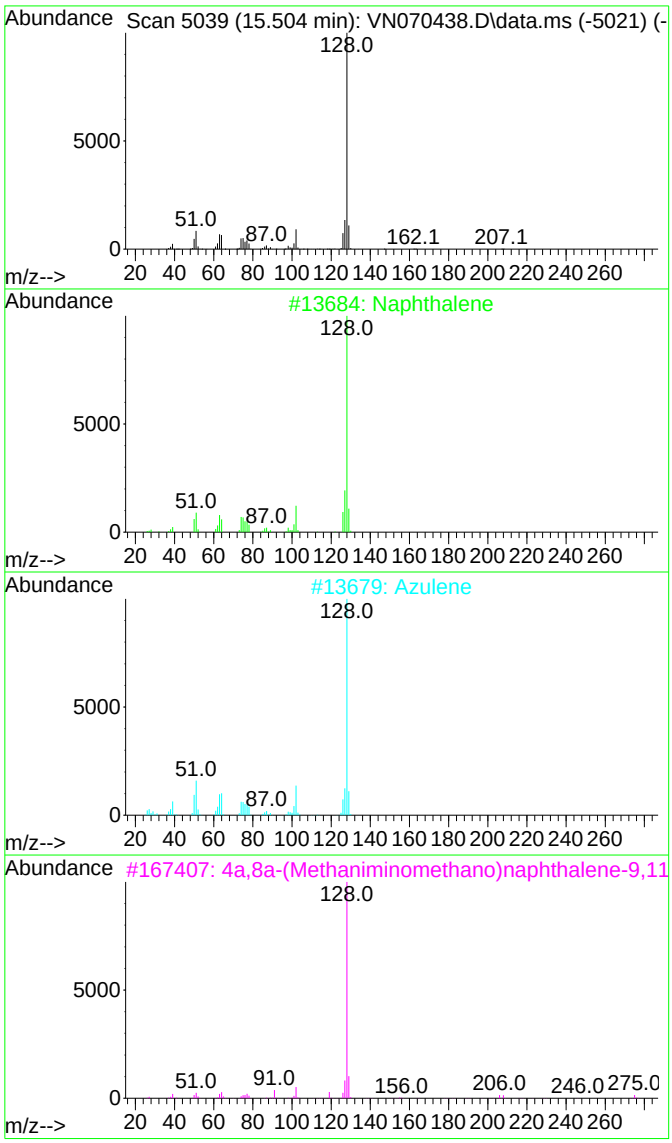
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

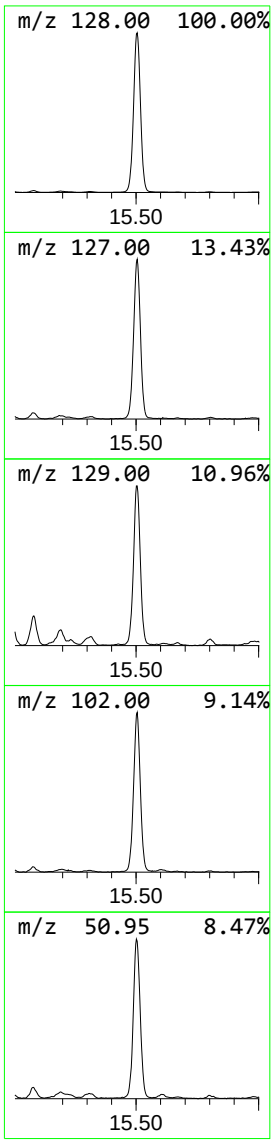
****

Peak Number 15 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.504	57.16 ug/l	4038150	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	94
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	50
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 : VN070438.D
Acq On : 3 Jan 2022 15:36
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

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	2.228	42.7	ug/l	4083480	1	8.083	4779980	50.0
Butane, 2-methyl-	3.140	99.1	ug/l	9476430	1	8.083	4779980	50.0
Pentane	3.516	25.9	ug/l	2479780	1	8.083	4779980	50.0
Butane, 2,3-dim...	5.079	14.8	ug/l	1414710	1	8.083	4779980	50.0
Pentane, 3-methyl-	5.618	27.4	ug/l	2615770	1	8.083	4779980	50.0
Cyclopentane, m...	7.147	47.3	ug/l	4524460	1	8.083	4779980	50.0
Pentane, 2,3-di...	8.174	15.6	ug/l	1491590	1	8.083	4779980	50.0
Pentane, 2,2,4-...	8.611	46.4	ug/l	4743040	2	8.965	5115800	50.0
Benzene, 1-ethy...	13.219	95.9	ug/l	6773790	4	13.672	3532340	50.0
Deltacyclene	13.873	71.8	ug/l	5075870	4	13.672	3532340	50.0
Benzene, 2-ethy...	14.214	23.9	ug/l	1687000	4	13.672	3532340	50.0
Indan, 1-methyl-	14.327	19.5	ug/l	1376740	4	13.672	3532340	50.0
Benzene, 1,2,4,...	14.576	19.0	ug/l	1343890	4	13.672	3532340	50.0
Benzene, 2-ethe...	14.927	36.6	ug/l	2586910	4	13.672	3532340	50.0
Azulene	15.504	57.2	ug/l	4038150	4	13.672	3532340	50.0