LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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: VN070439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.260	93	101	151	rVB	2318392	4964216	3.89%	0.647%
2	2.445	155	170	194	rVV	10092034	16217729	12.71%	2.113%
3	3.140	406	429	497	rBV	30047591	70853257	55.52%	9.229%
4	3.516	549	569	621	rVV3	9186449	25359591	19.87%	3.303%
5	3.717	624	644	676	rVB	3690655	8971047	7.03%	1.169%
6	3.891	688	709	727	rBV	1638283	4258191	3.34%	0.555%
7	3.990	727	746	794	rVB	4509752	12369391	9.69%	1.611%
8	4.258	818	846	904	rVB5	567433	2309035	1.81%	0.301%
9	4.953	1060	1105	1125	rBV7	506229	2127307	1.67%	0.277%
10	5.079	1126	1152	1160	rBV	2533833	7955027	6.23%	1.036%
11	5.618	1319	1353	1415	rVB	4517385	15580245	12.21%	2.029%
12	5.932	1436	1470	1507	rBV2	1093931	3607189	2.83%	0.470%
13	6.120	1512	1540	1574	rBV2	1562247	4773335	3.74%	0.622%
14	6.286	1577	1602	1621	rBV	1027013	3083181	2.42%	0.402%
15	6.401	1622	1645	1654	rBV2	896036	2735168	2.14%	0.356%
16	6.466	1658	1669	1697	rVB	2110431	5937438	4.65%	0.773%
17	6.605	1697	1721	1740	rBV2	1303873	4064505	3.19%	0.529%
18	6.734	1742	1769	1787	rBV4	683616	2868181	2.25%	0.374%
19	6.900	1810	1831	1861	rVB2	2187295	6387146	5.01%	0.832%
20	7.045	1863	1885	1901	rBV2	1009486	2961556	2.32%	0.386%
21	7.147	1902	1923	1944	rBV	5894561	16865026	13.22%	2.197%
22	7.844	2166	2183	2203	rVB	2327561	5618001	4.40%	0.732%
23	8.019	2229	2248	2255	rBV2	666946	1574365	1.23%	0.205%
24	8.086	2257	2273	2290	rVV5	2881569	8653026	6.78%	1.127%
25	8.171	2291	2305	2331	rVB2	2952881	7715097	6.05%	1.005%
26	8.295	2332	2351	2367	rBV	1342024	3128155	2.45%	0.407%
27	8.437	2388	2404	2433	rBV	820248	2106012	1.65%	0.274%
28	8.614	2435	2470	2494	rBV2	4121343	15482135	12.13%	2.017%
29	8.708	2497	2505	2526	rVB3	607952	1490451	1.17%	0.194%
30	8.823	2527	2548	2578	rVB5	480397	1848148	1.45%	0.241%
31	8.965	2580	2601	2615	rBV4	3706334	8708180	6.82%	1.134%
32	9.242	2696	2704	2739	rVB2	655565	1439372	1.13%	0.187%
33	9.456	2748	2784	2797	rBV3	1917206	6023142	4.72%	0.785%
34	9.880	2930	2942	2961	rVB	1642178	3346941	2.62%	0.436%
35	9.971	2962	2976	2982	rBV	950216	1732031	1.36%	0.226%
36	10.014	2983	2992	3007	rVB3	1931953	3878771	3.04%	0.505%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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	10.438	3134	3150	3161	rBV	3362542	6383370	5.00%	0.831%
38	10.502	3161	3174	3203	rVV	11573127	21810138	17.09%	2.841%
39	11.741	3621	3636	3654	rBV	2827222	5045249	3.95%	0.657%
40	11.843	3657	3674	3695	rVV	20250031	35116118	27.52%	4.574%
41	11.950	3695	3714	3756	rVB3	61621380	127610077	100.00%	16.623%
42	12.278	3818	3836	3876	rVB2	28068596	48323722	37.87%	6.295%
43	12.575	3933	3947	3968	rBV	1854391	3045060	2.39%	0.397%
44	12.728	3988	4004	4026	rVB	2417169	4265225	3.34%	0.556%
45	12.919	4060	4075	4086	rBV	5124859	8321762	6.52%	1.084%
46	12.980	4086	4098	4104	rVV	10707085	17419491	13.65%	2.269%
47	13.012	4105	4110	4118	rVV	9686561	14386168	11.27%	1.874%
48	13.055	4118	4126	4158	rVB	11836489	19374234	15.18%	2.524%
49	13.219	4171	4187	4210	rVB	9980727	16708707	13.09%	2.176%
50	13.366	4216	4242	4271	rBV2	39474112	66701939	52.27%	8.689%
51	13.702	4343	4367	4388	rBV2	10331432	21356668	16.74%	2.782%
52	13.836	4403	4417	4420	rBV	1606728	2155814	1.69%	0.281%
53	13.873	4421	4431	4439	rBV2	6330757	9941058	7.79%	1.295%
54	14.064	4489	4502	4514	rBV2	970960	1664633	1.30%	0.217%
55	14.128	4514	4526	4532	rBV	2508358	4099455	3.21%	0.534%
56	14.214	4547	4558	4571	rVB	3864680	6178758	4.84%	0.805%
57	14.324	4589	4599	4619	rVB3	2052663	3488089	2.73%	0.454%
58	14.538	4662	4679	4685	rBV	2312175	3732561	2.92%	0.486%
59	14.576	4685	4693	4704	rVB	3006993	4488462	3.52%	0.585%
60	14.807	4768	4779	4790	rBV	1897821	3112053	2.44%	0.405%
61	14.927	4805	4824	4837	rBV3	3251012	7124701	5.58%	0.928%
62	15.193	4901	4923	4950	rVV5	689307	2358527	1.85%	0.307%
63	15.504	5010	5039	5057	rBV	3345331	6491185	5.09%	0.846%

Sum of corrected areas: 767694812

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
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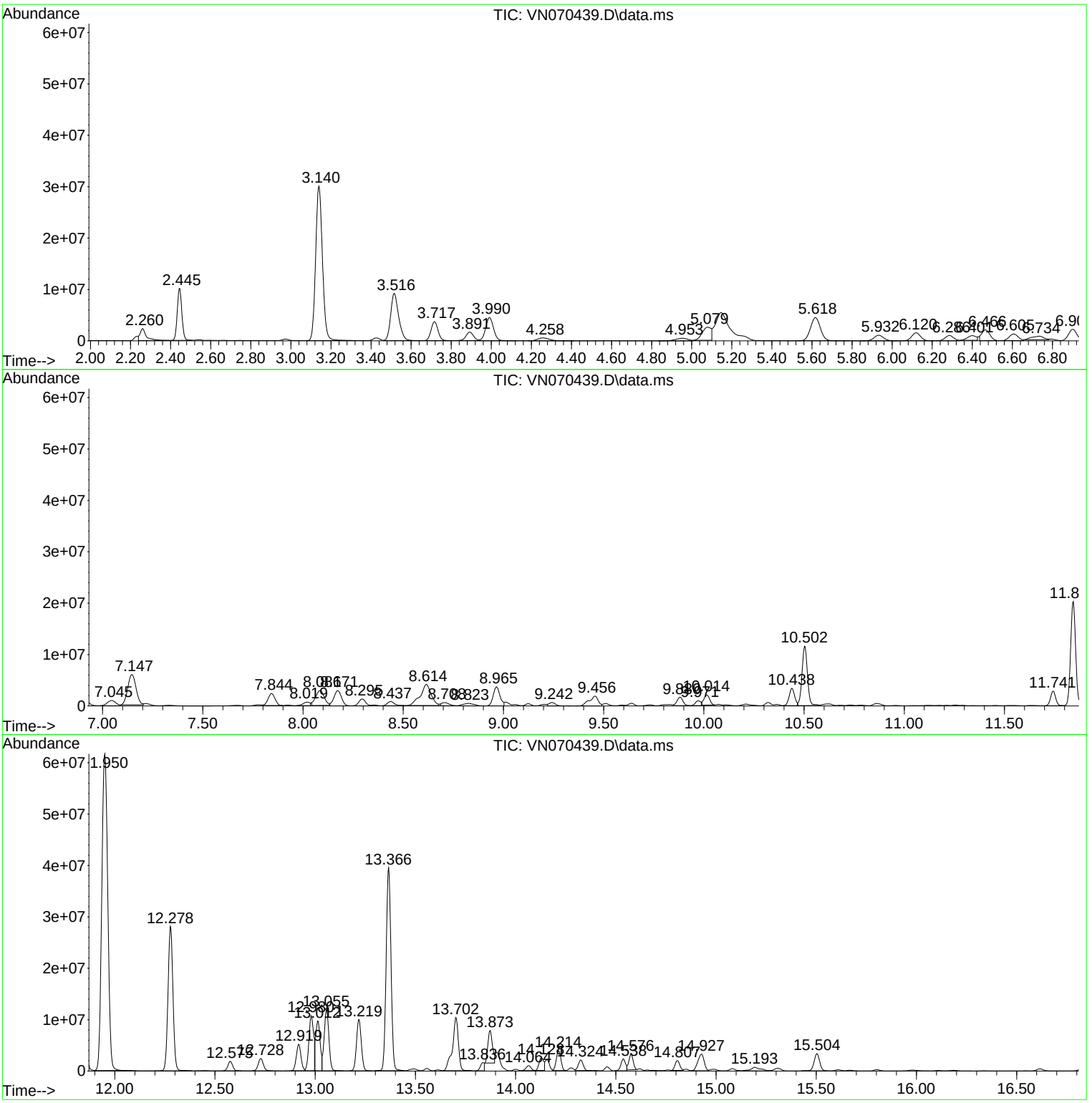
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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 : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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

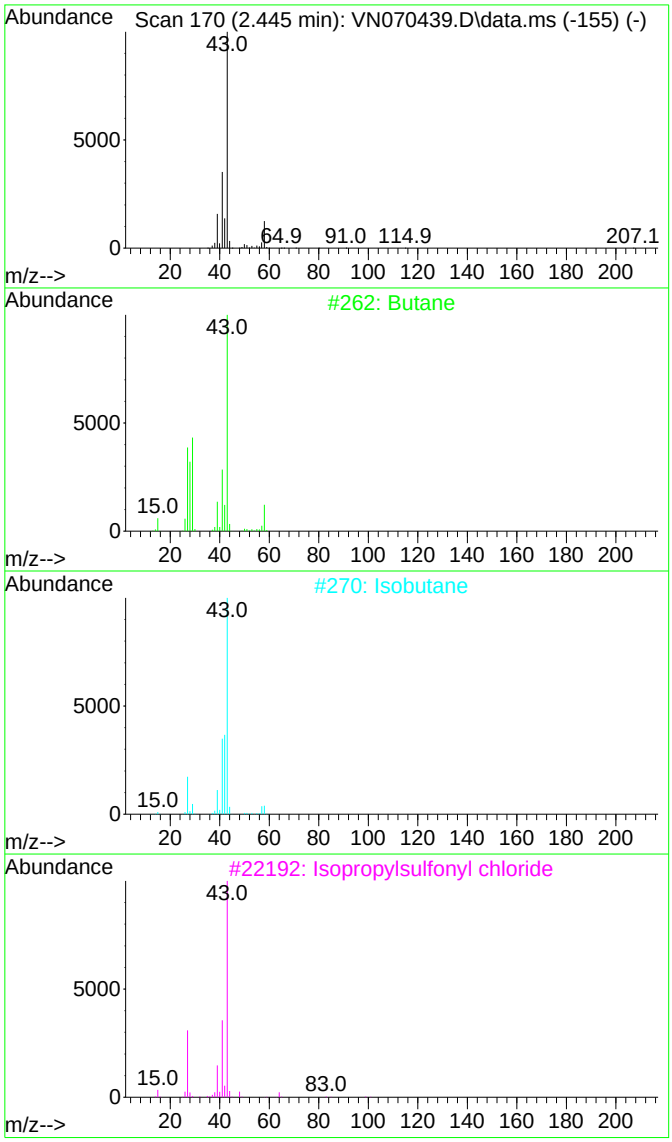
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

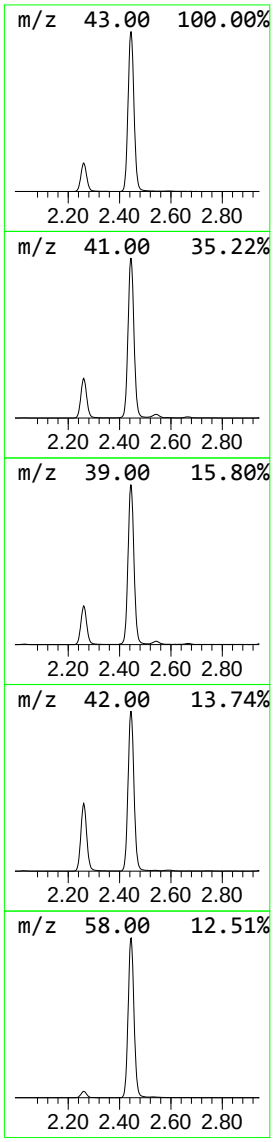
****

Peak Number 1 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.445	93.71 ug/l	16217700	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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

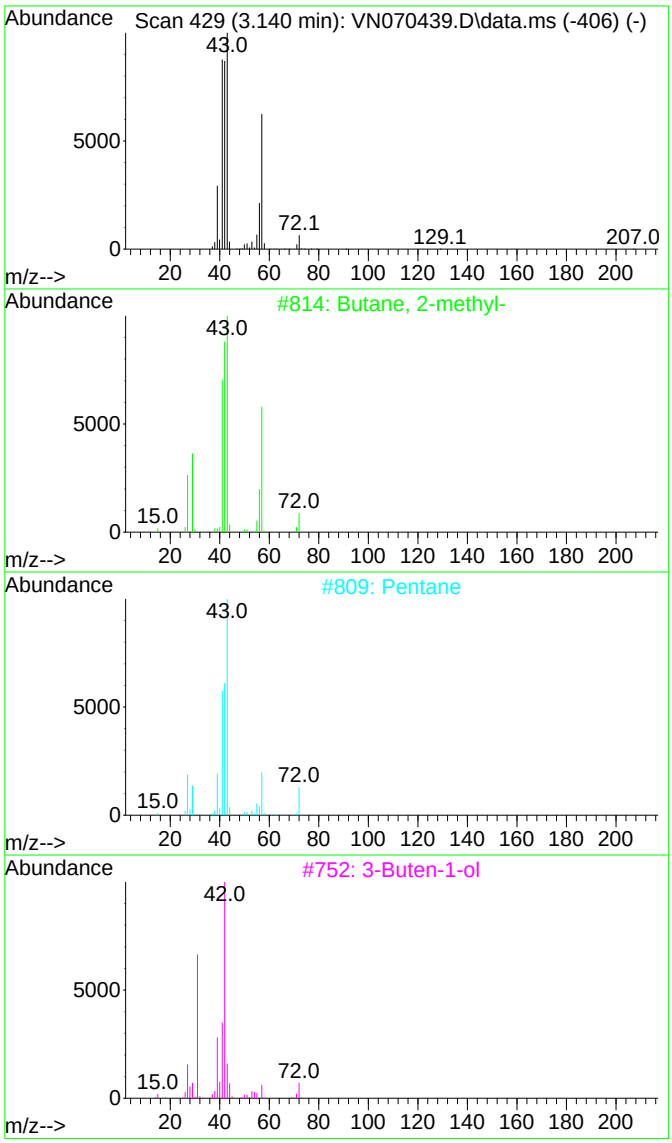
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

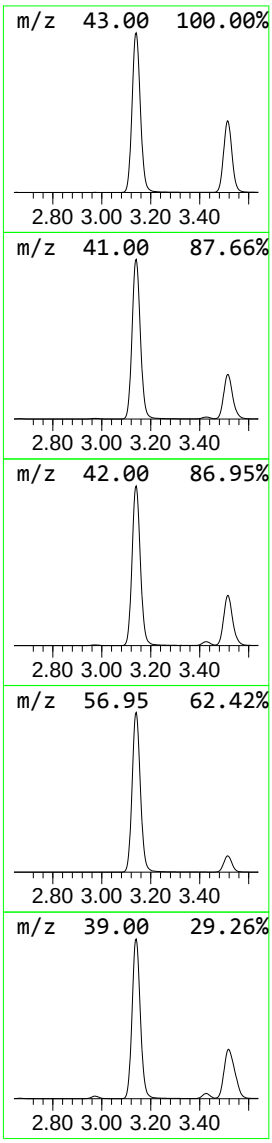
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	409.41 ug/l	70853300	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-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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

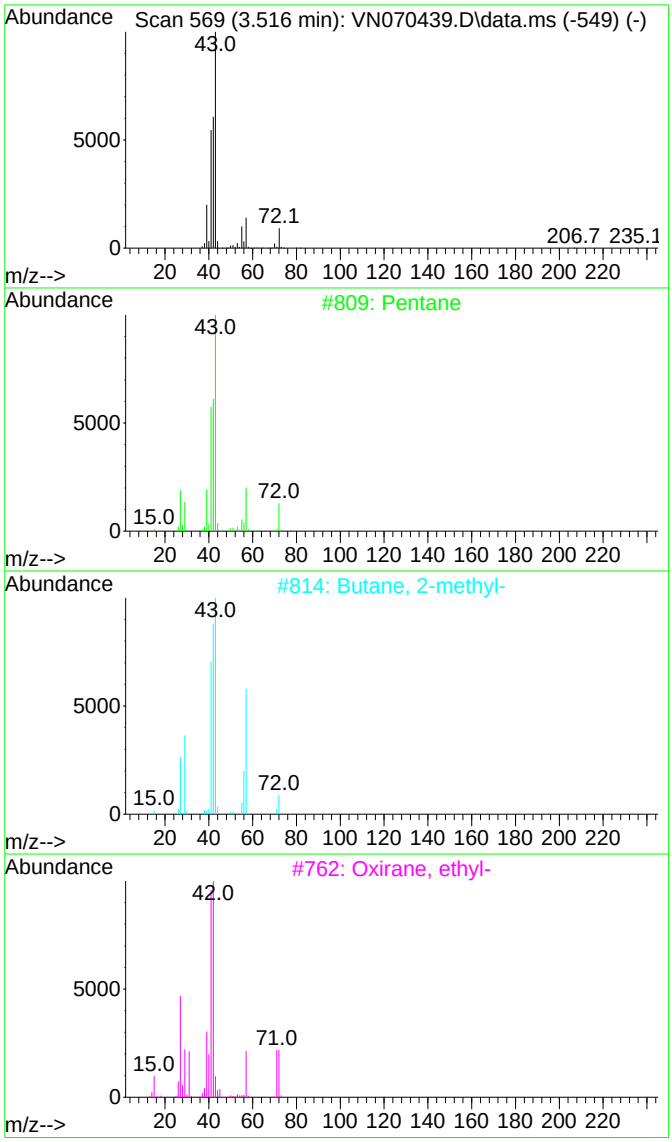
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

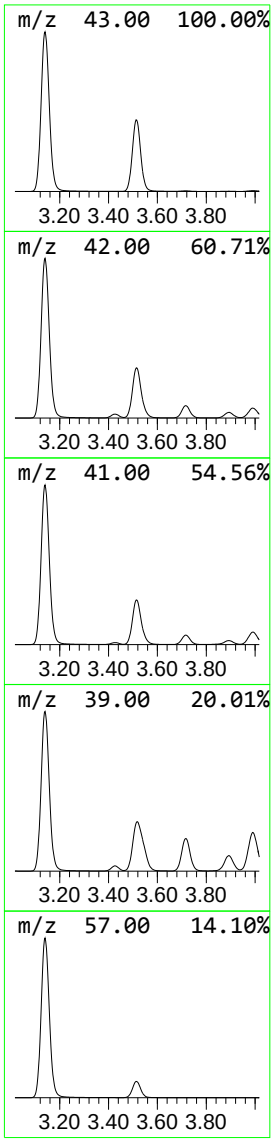
****

Peak Number 3 Pentane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.516	146.54 ug/l	25359600	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9
5	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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

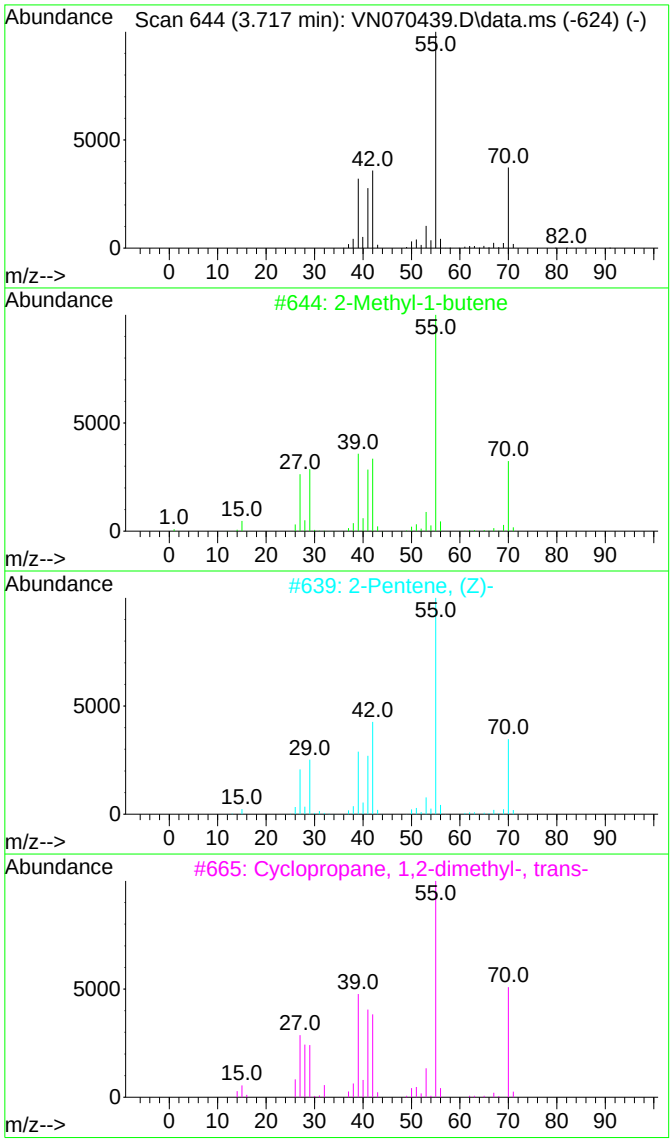
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

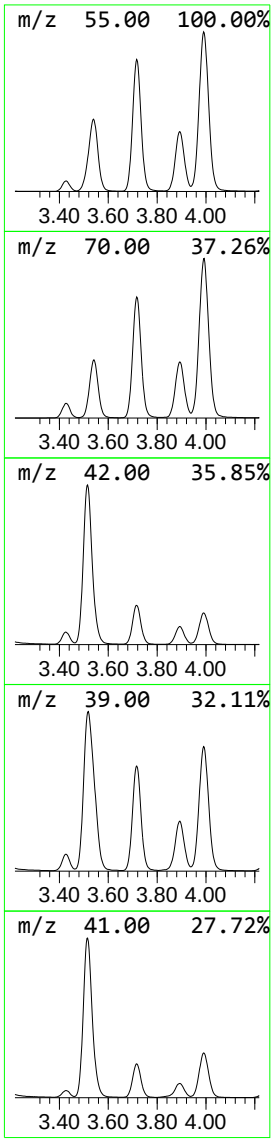
****

Peak Number 4 2-Methyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.717	51.84 ug/l	8971050	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
5	2-Pentene	70	C5H10	000109-68-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

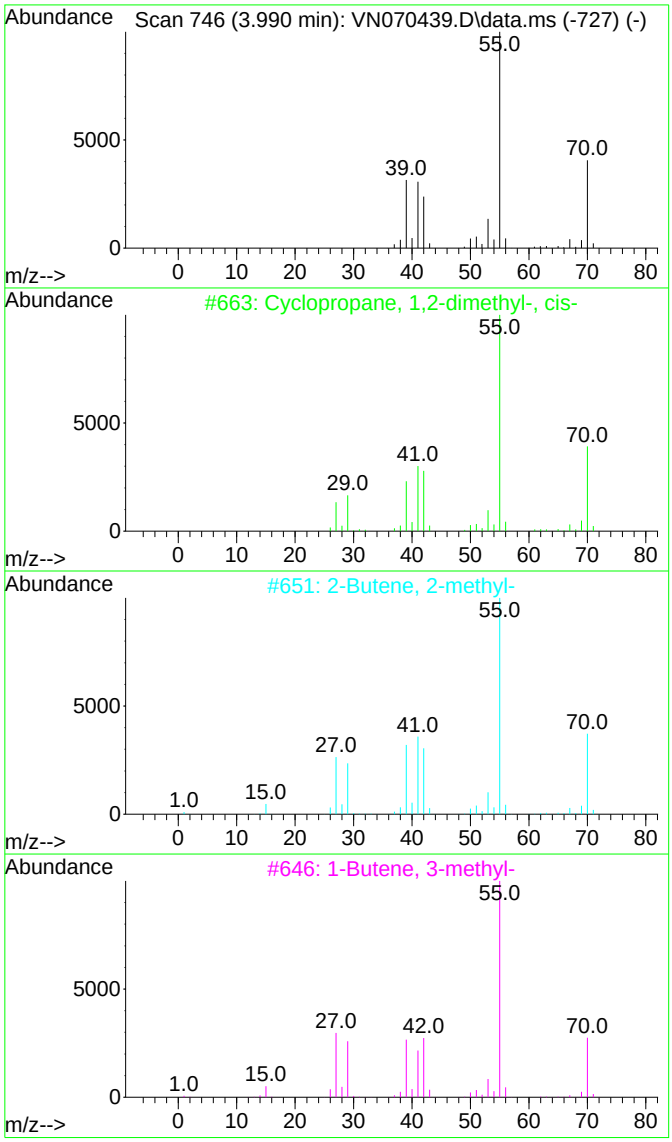
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

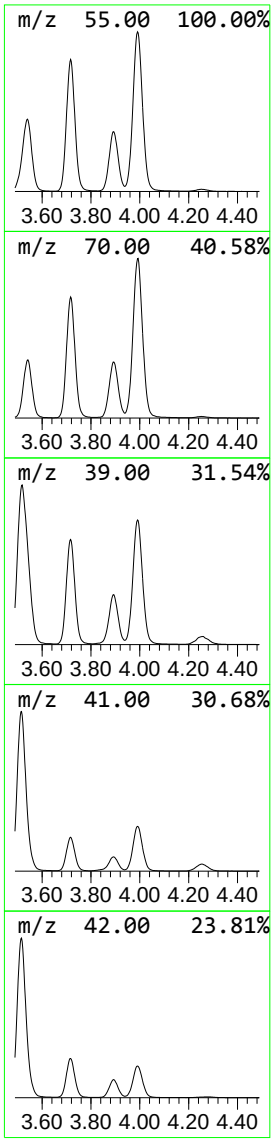
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	71.47 ug/l	12369400	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	81
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

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

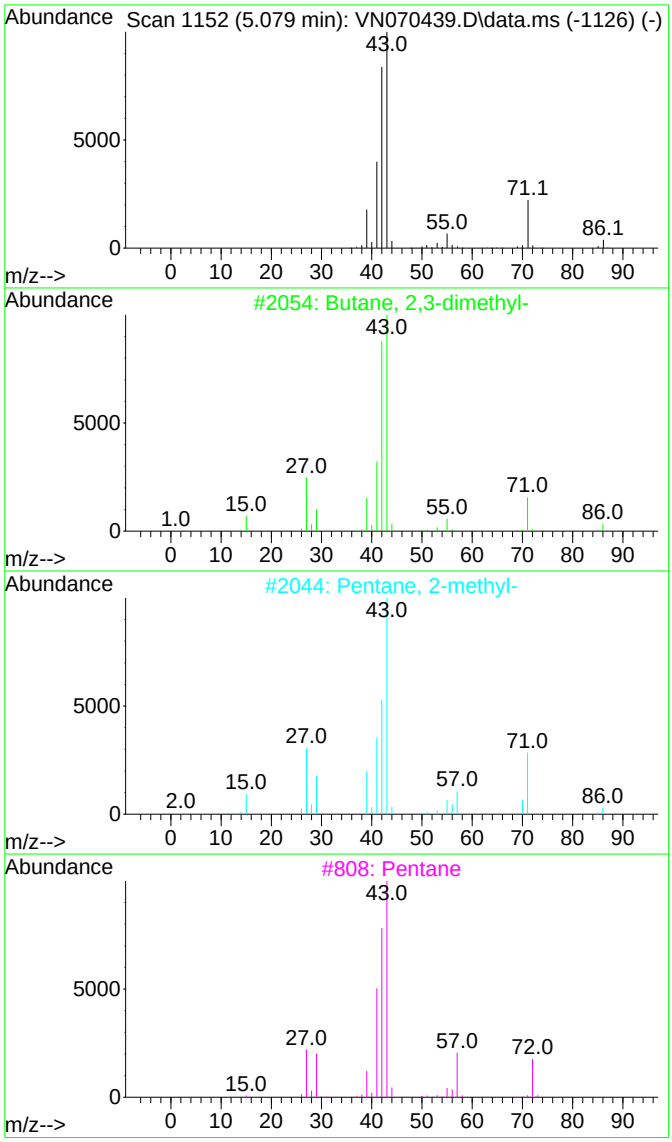
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

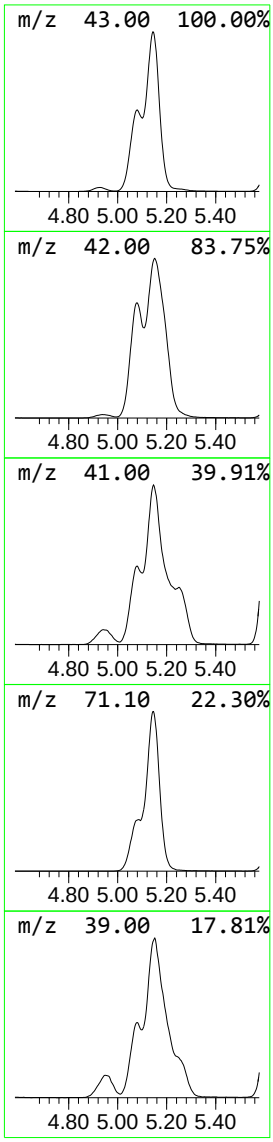
****

Peak Number 6 Butane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.079	45.97 ug/l	7955030	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, 2-methyl-	86	C6H14	000107-83-5	50
3	Pentane	72	C5H12	000109-66-0	45
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

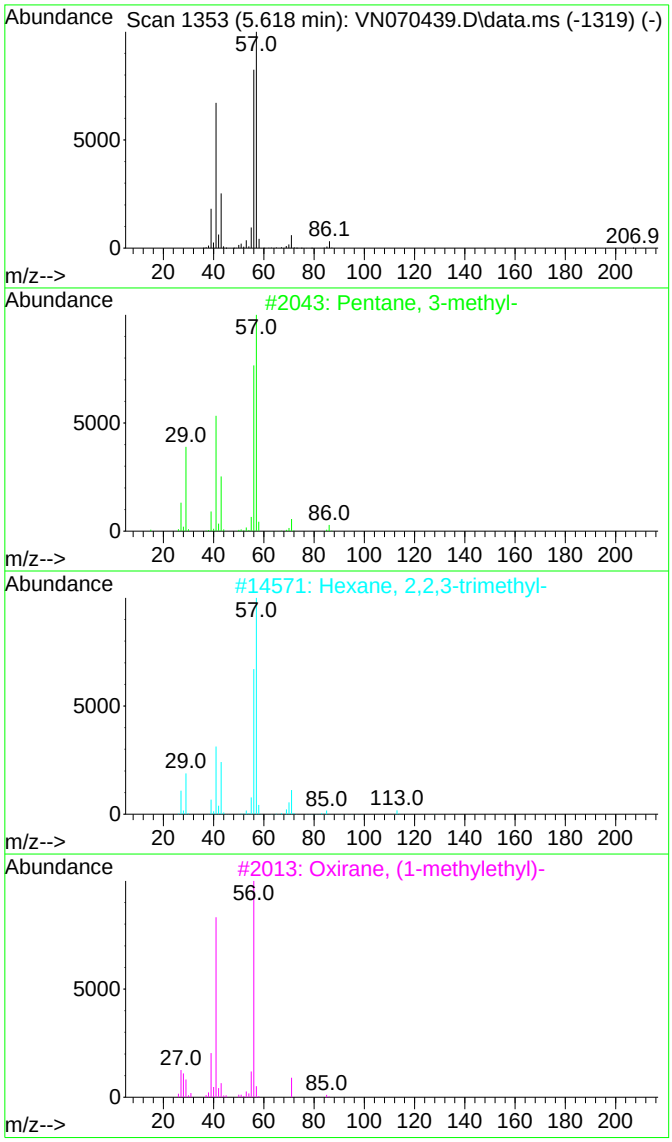
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

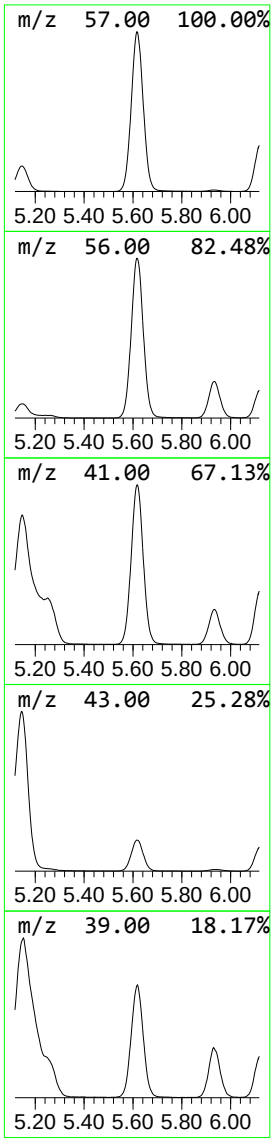
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.618	90.03 ug/l	15580200	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, 2,2,3-trimethyl-	114	C8H18	000564-02-3	40
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

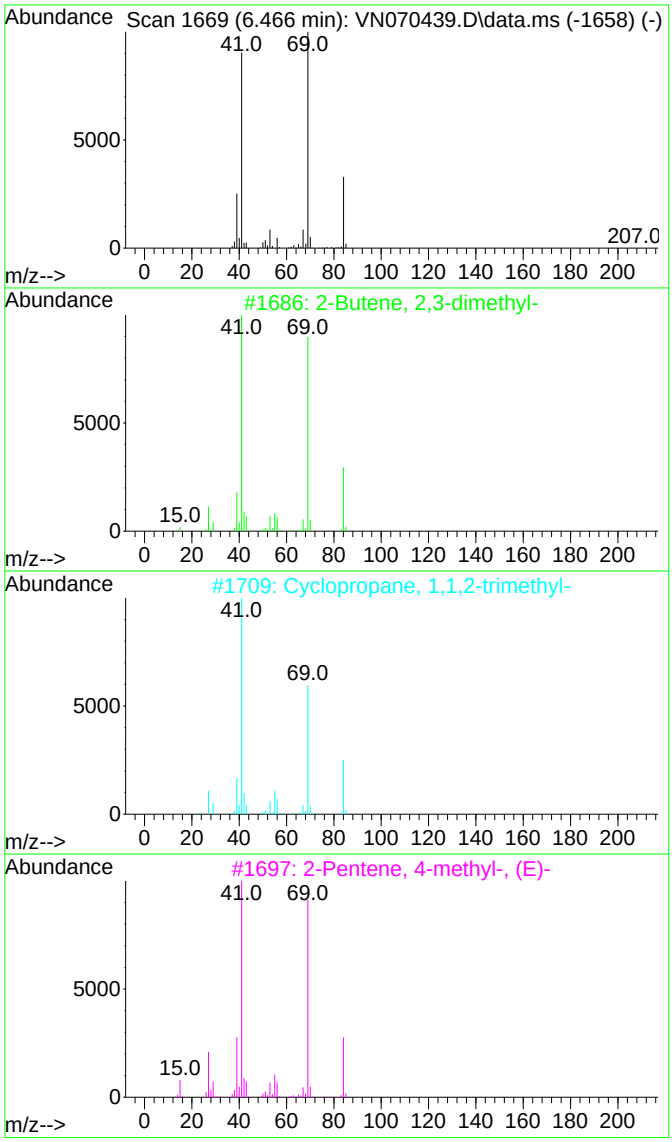
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

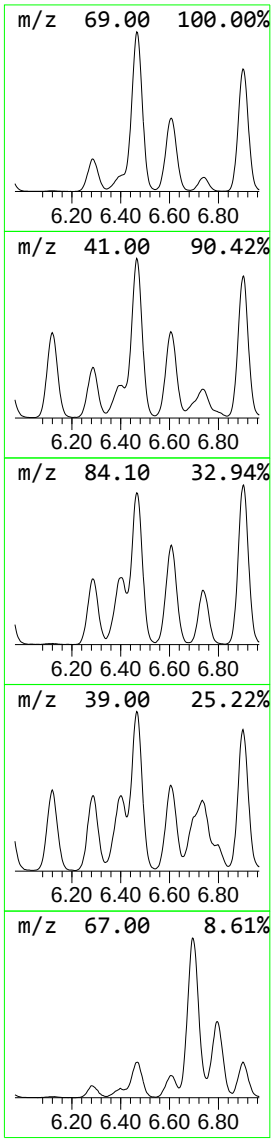
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Butene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.466	34.31 ug/l	5937440	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
3	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

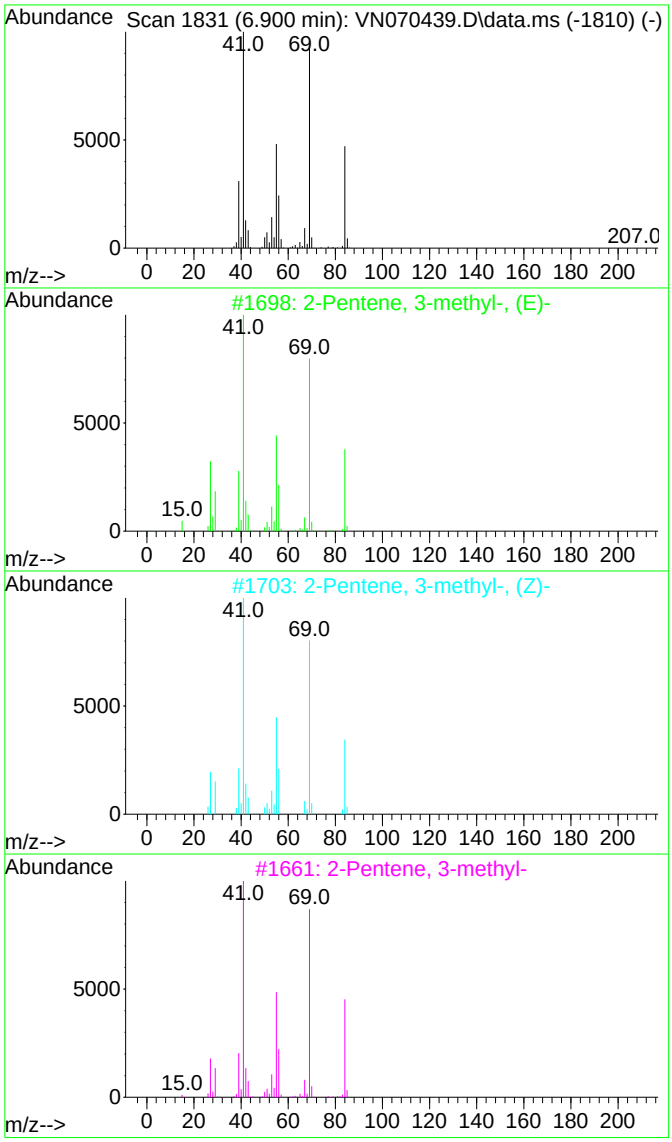
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

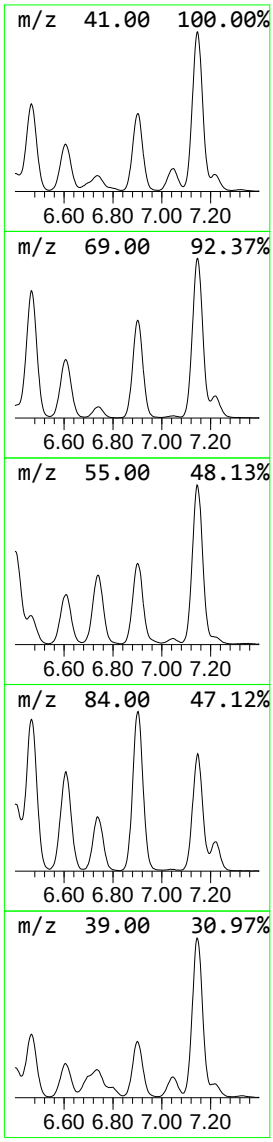
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Pentene, 3-methyl-, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.900	36.91 ug/l	6387150	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	87
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	87





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Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

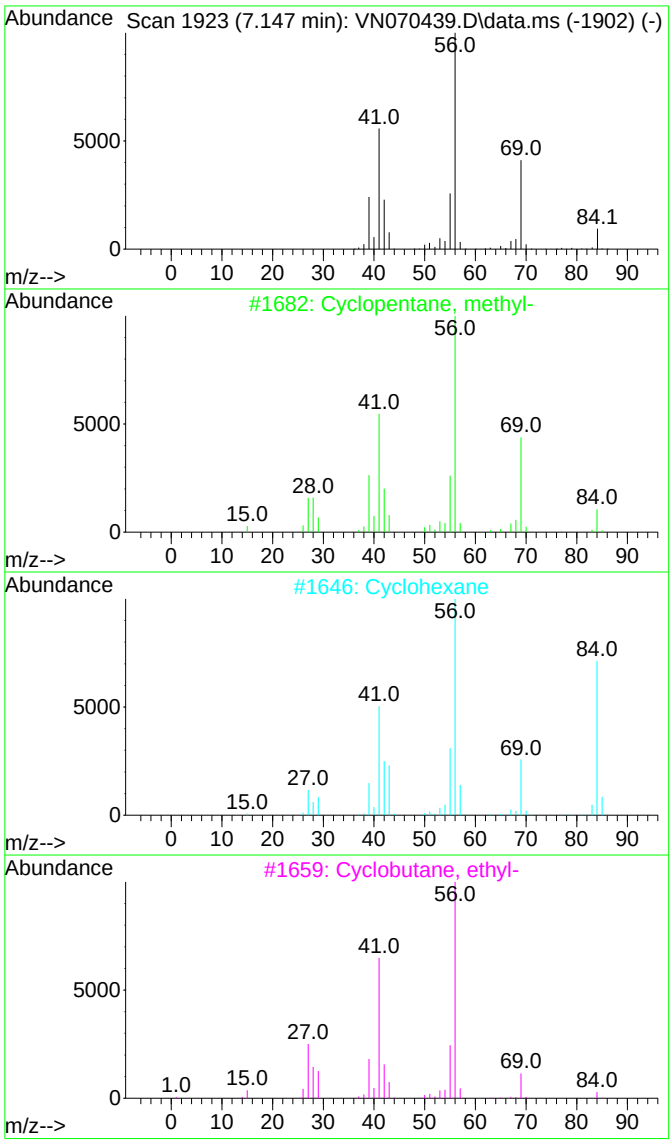
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

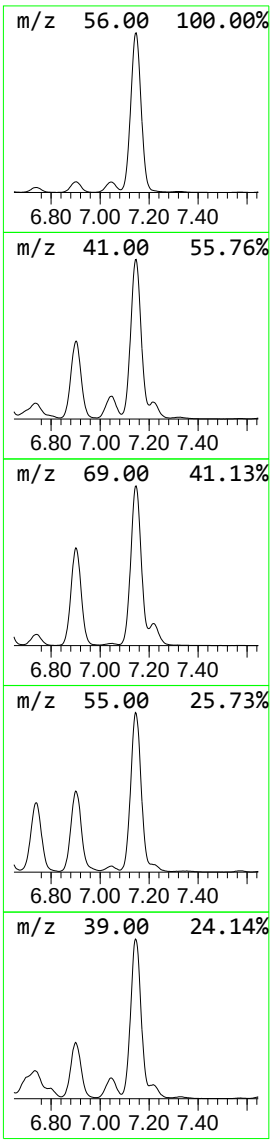
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.147	97.45 ug/l	16865000	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

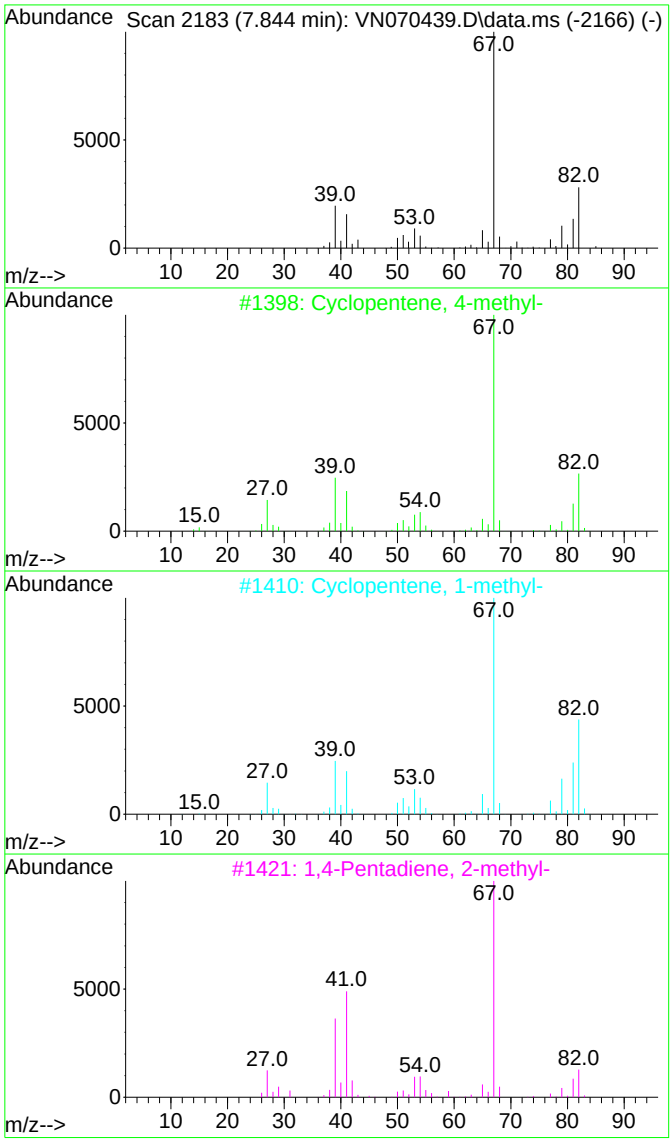
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

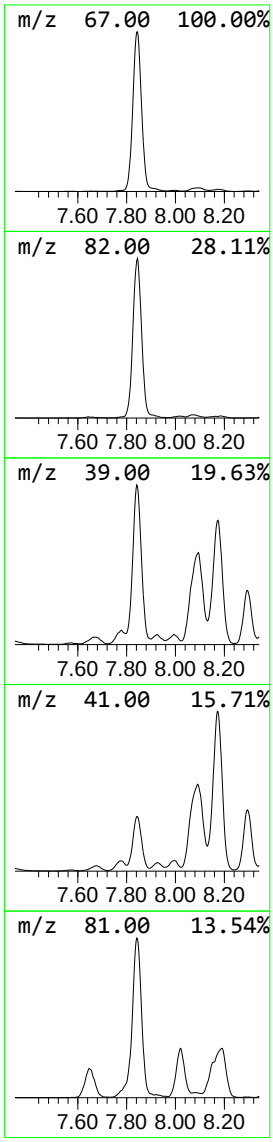
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	32.46 ug/l	5618000	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
3	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	90
4	1,4-Hexadiene	82	C6H10	000592-45-0	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





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Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

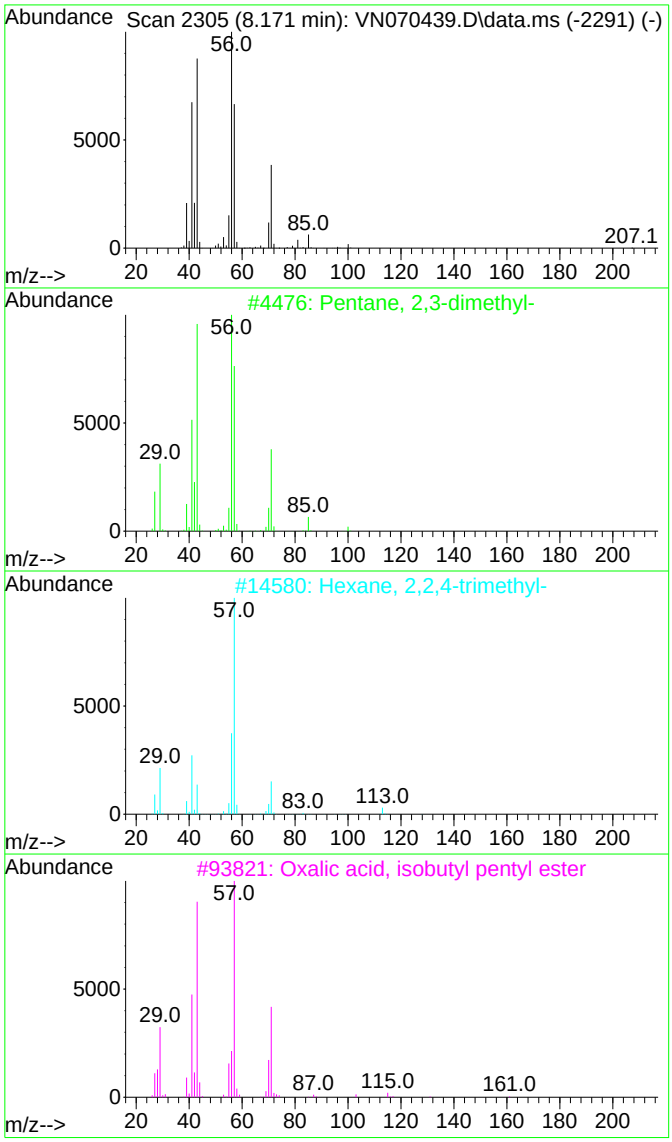
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

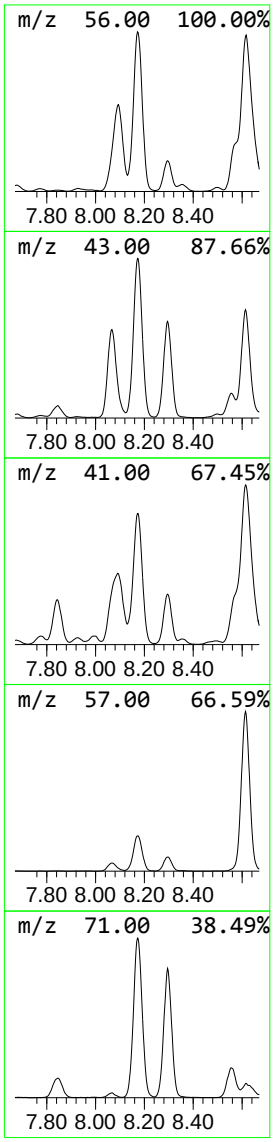
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.171	44.58 ug/l	7715100	Pentafluorobenzene	8.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	38





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Data File : VN070439.D
Acq On : 3 Jan 2022 16:01
Operator : JC/MD
Sample : M5251-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

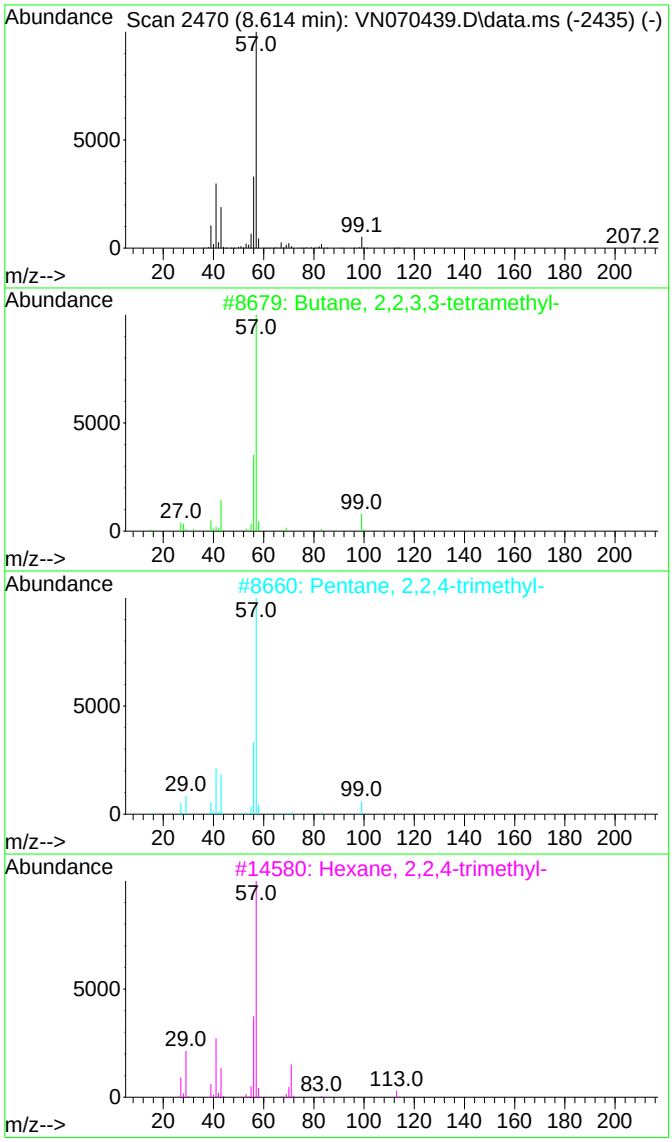
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

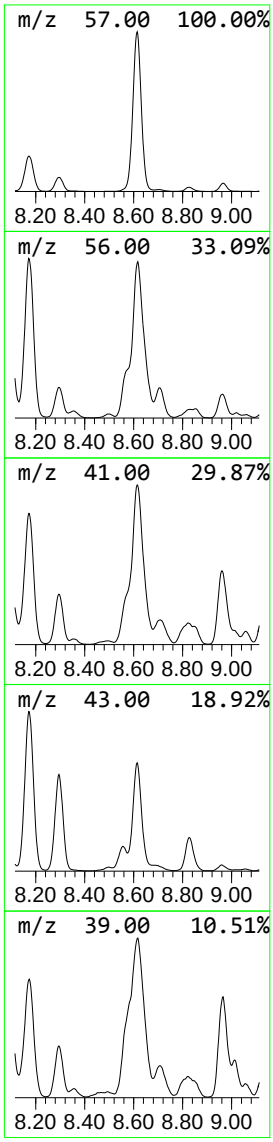
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Butane, 2,2,3,3-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	88.89 ug/l	15482100	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	72
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	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

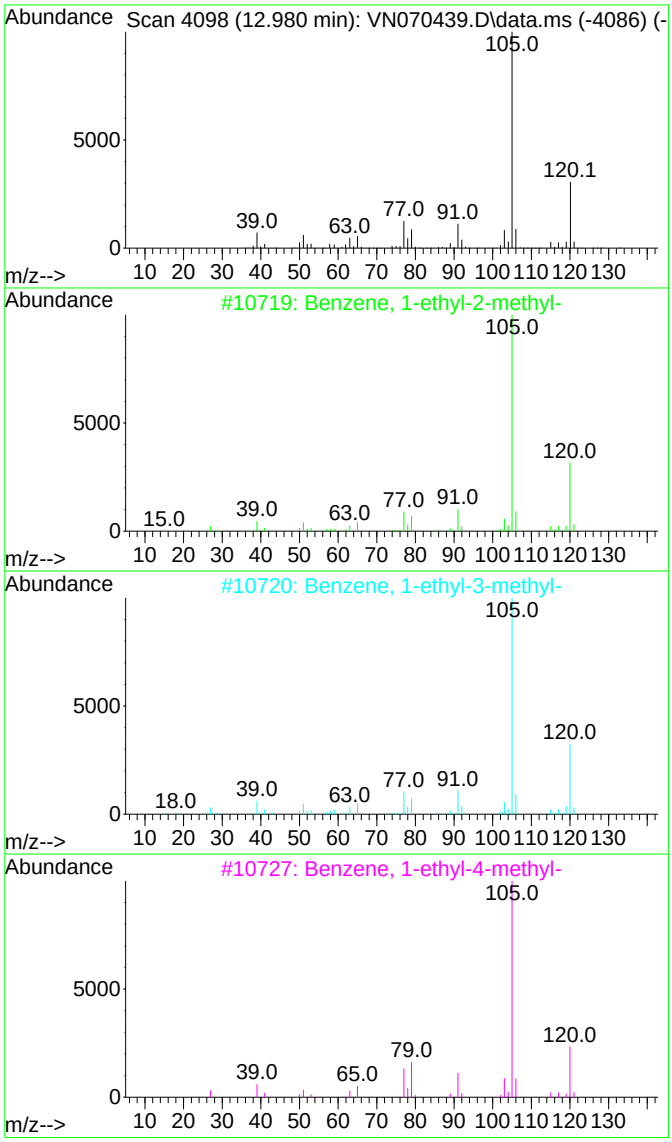
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

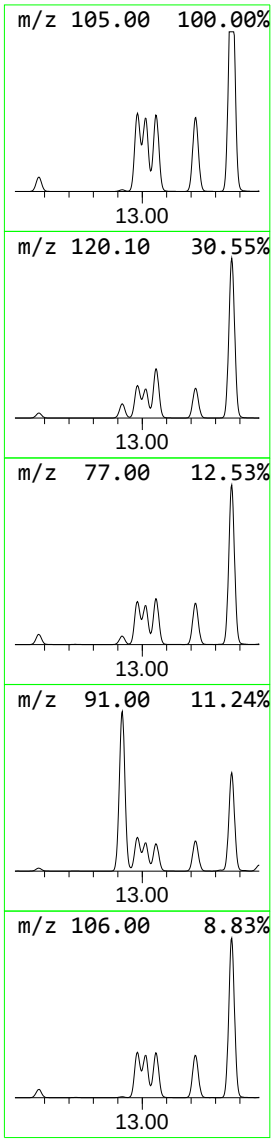
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	40.78 ug/l	17419500	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

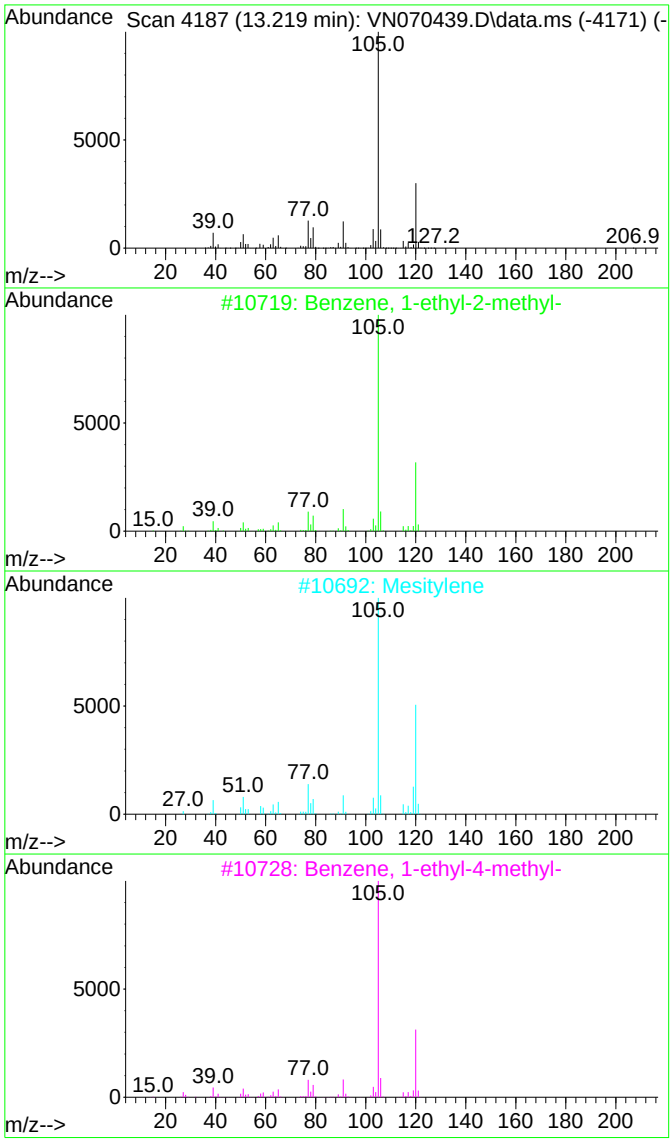
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

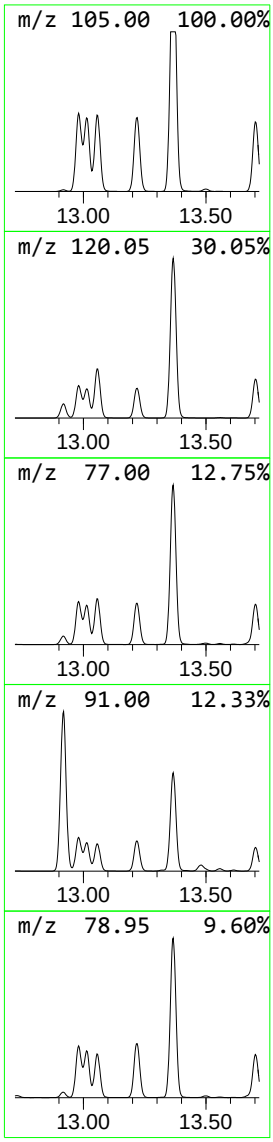
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	39.12 ug/l	16708700	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	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Tentatively Identified Compound (LSC) summary

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2D

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
Butane	2.445	93.7	ug/l	16217700	1	8.083	8653030	50.0
Butane, 2-methyl-	3.140	409.4	ug/l	70853300	1	8.083	8653030	50.0
Pentane	3.516	146.5	ug/l	25359600	1	8.083	8653030	50.0
2-Methyl-1-butene	3.717	51.8	ug/l	8971050	1	8.083	8653030	50.0
Cyclopropane, 1...	3.990	71.5	ug/l	12369400	1	8.083	8653030	50.0
Butane, 2,3-dim...	5.079	46.0	ug/l	7955030	1	8.083	8653030	50.0
Pentane, 3-methyl-	5.618	90.0	ug/l	15580200	1	8.083	8653030	50.0
2-Butene, 2,3-d...	6.466	34.3	ug/l	5937440	1	8.083	8653030	50.0
2-Pentene, 3-me...	6.900	36.9	ug/l	6387150	1	8.083	8653030	50.0
Cyclopentane, m...	7.147	97.5	ug/l	16865000	1	8.083	8653030	50.0
Cyclopentene, 4...	7.844	32.5	ug/l	5618000	1	8.083	8653030	50.0
Pentane, 2,3-di...	8.171	44.6	ug/l	7715100	1	8.083	8653030	50.0
Butane, 2,2,3,3...	8.614	88.9	ug/l	15482100	2	8.965	8708180	50.0
Benzene, 1-ethy...	12.980	40.8	ug/l	17419500	4	13.672	21356700	50.0
Benzene, 1-ethy...	13.219	39.1	ug/l	16708700	4	13.672	21356700	50.0