LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR072120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	3	8	26	rVB	1375314	1338828	100.00%	13.432%
2	1.498	40	49	62	rVB2	46553	51908	3.88%	0.521%
3	1.594	70	79	96	rBV2	827343	1127651	84.23%	11.313%
4	1.668	96	102	107	rVV	34551	41938	3.13%	0.421%
5	1.697	107	111	117	rVV	19951	24519	1.83%	0.246%
6	1.742	117	125	138	rVB	148632	176133	13.16%	1.767%
7	1.919	170	180	194	rVB3	97798	150588	11.25%	1.511%
8	2.006	196	207	224	rVB	58639	84987	6.35%	0.853%
9	2.166	246	257	266	rBV	248579	341239	25.49%	3.424%
10	2.231	266	277	295	rVB4	183527	347473	25.95%	3.486%
11	2.330	297	308	319	rVB	27980	41158	3.07%	0.413%
12	2.427	326	338	348	rBV2	78543	132354	9.89%	1.328%
13	2.482	348	355	367	rVB2	22784	36206	2.70%	0.363%
14	2.581	369	386	398	rBV	85450	146543	10.95%	1.470%
15	2.649	398	407	418	rBV3	17702	30791	2.30%	0.309%
16	2.816	447	459	467	rBV6	6928	16027	1.20%	0.161%
17	2.874	467	477	492	rVB	32605	61558	4.60%	0.618%
18	2.993	499	514	522	rBV8	23972	65208	4.87%	0.654%
19	3.150	555	563	572	rBV2	9336	19765	1.48%	0.198%
20	3.202	574	579	597	rVB	12942	26676	1.99%	0.268%
21	3.385	624	636	648	rVB4	12715	28403	2.12%	0.285%
22	3.604	688	704	724	rVB4	87632	218890	16.35%	2.196%
23	3.719	724	740	758	rVB3	18108	42062	3.14%	0.422%
24	3.848	765	780	793	rBV3	19915	48823	3.65%	0.490%
25	3.925	793	804	816	rVV4	11387	28209	2.11%	0.283%
26	4.112	848	862	876	rBV9	5099	13753	1.03%	0.138%
27	4.218	876	895	909	rBV4	28501	76207	5.69%	0.765%
28	4.359	923	939	952	rVB3	6761	15986	1.19%	0.160%
29	4.472	958	974	987	rBV7	7081	17722	1.32%	0.178%
30	4.652	1012	1030	1068	rBV3	124791	379300	28.33%	3.805%
31	4.826	1068	1084	1109	rBV	466513	1056151	78.89%	10.596%
32	5.083	1146	1164	1184	rVB	80951	227436	16.99%	2.282%
33	5.202	1189	1201	1212	rBV5	11336	27536	2.06%	0.276%
34	5.324	1235	1239	1250	rVB6	8546	14151	1.06%	0.142%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR072120WMA.M
Title : TRACE VOA SOM01.0

35	5.469	1271	1284	1294	rBV6	10097	25408	1.90%	0.255%
36	5.610	1317	1328	1342	rVB5	8038	17384	1.30%	0.174%
37	5.745	1342	1370	1381	rBV2	155305	424912	31.74%	4.263%
38	5.986	1431	1445	1452	rBV3	17468	35124	2.62%	0.352%
39	6.041	1452	1462	1483	rVB4	31892	82084	6.13%	0.824%
40	6.147	1483	1495	1504	rBV4	13167	26226	1.96%	0.263%
41	6.266	1519	1532	1543	rBV	143339	278730	20.82%	2.796%
42	6.571	1611	1627	1642	rVB6	20099	41115	3.07%	0.412%
43	6.706	1653	1669	1683	rBV	100393	199018	14.87%	1.997%
44	6.883	1710	1724	1738	rBV8	8925	20683	1.54%	0.208%
45	7.276	1837	1846	1855	rBV7	8029	15108	1.13%	0.152%
46	7.578	1926	1940	1951	rBV2	55110	97533	7.28%	0.979%
47	7.906	2023	2042	2055	rBV	194828	344494	25.73%	3.456%
48	7.977	2055	2064	2073	rVV2	43618	70183	5.24%	0.704%
49	8.047	2082	2086	2096	rVB6	12826	18121	1.35%	0.182%
50	8.189	2120	2130	2138	rBV2	29909	49577	3.70%	0.497%
51	8.642	2253	2271	2297	rBV	271472	511751	38.22%	5.134%
52	8.793	2311	2318	2329	rVB6	8885	13861	1.04%	0.139%
53	8.922	2349	2358	2382	rBV4	12938	33214	2.48%	0.333%
54	9.182	2431	2439	2457	rVB4	5367	13756	1.03%	0.138%
55	9.423	2501	2514	2528	rBV	201208	341399	25.50%	3.425%
56	9.575	2553	2561	2568	rBV	12017	19037	1.42%	0.191%
57	9.694	2584	2598	2608	rBV3	13604	26092	1.95%	0.262%
58	10.102	2717	2725	2739	rBV6	7847	16919	1.26%	0.170%
59	10.758	2918	2929	2943	rVB2	80841	129618	9.68%	1.300%
60	11.809	3243	3256	3271	rBV	200974	324832	24.26%	3.259%
61	12.057	3322	3333	3340	rBV3	8478	14905	1.11%	0.150%
62	12.189	3362	3374	3387	rVB	193445	320204	23.92%	3.212%

Sum of corrected areas: 9967467

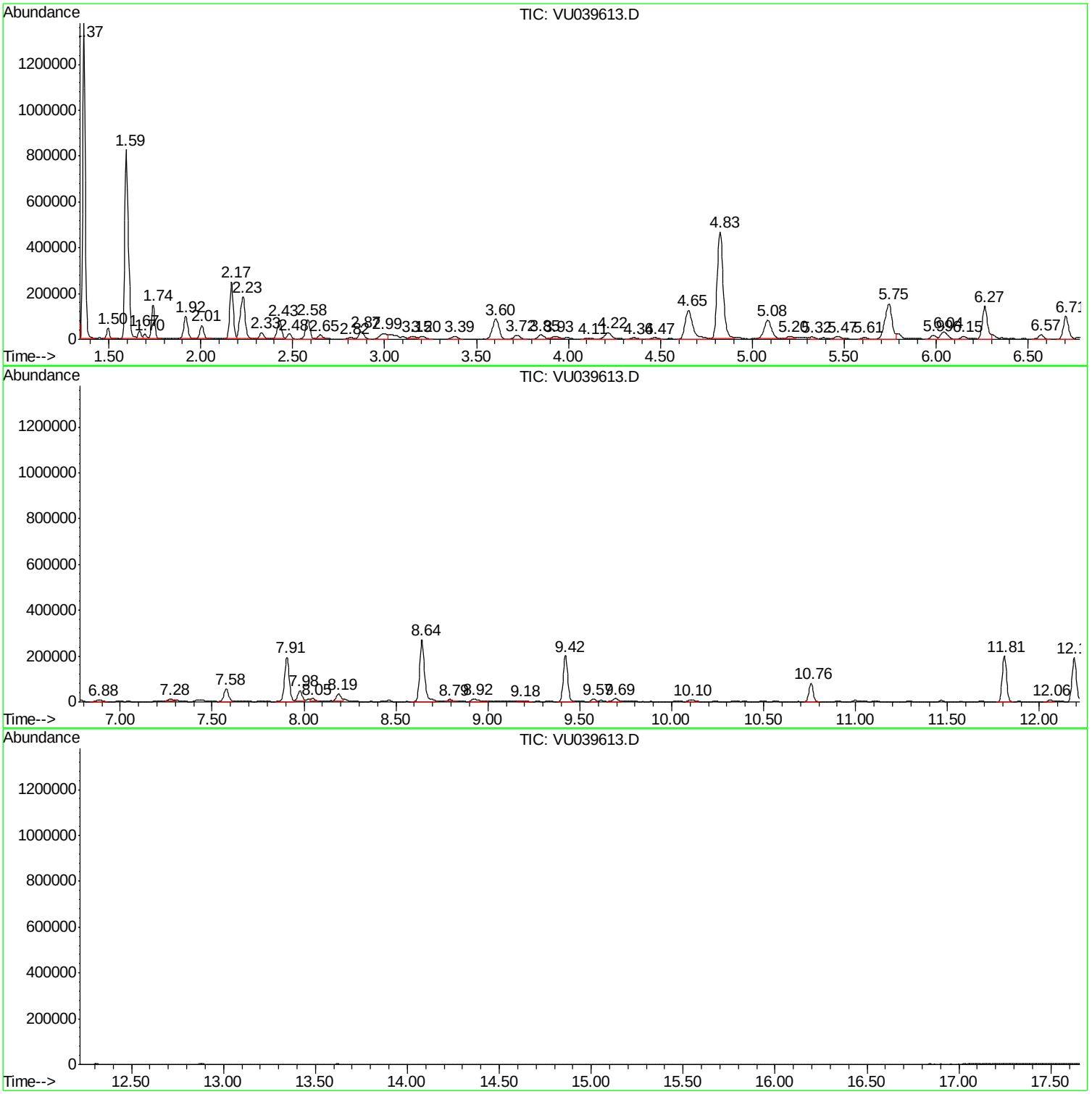
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

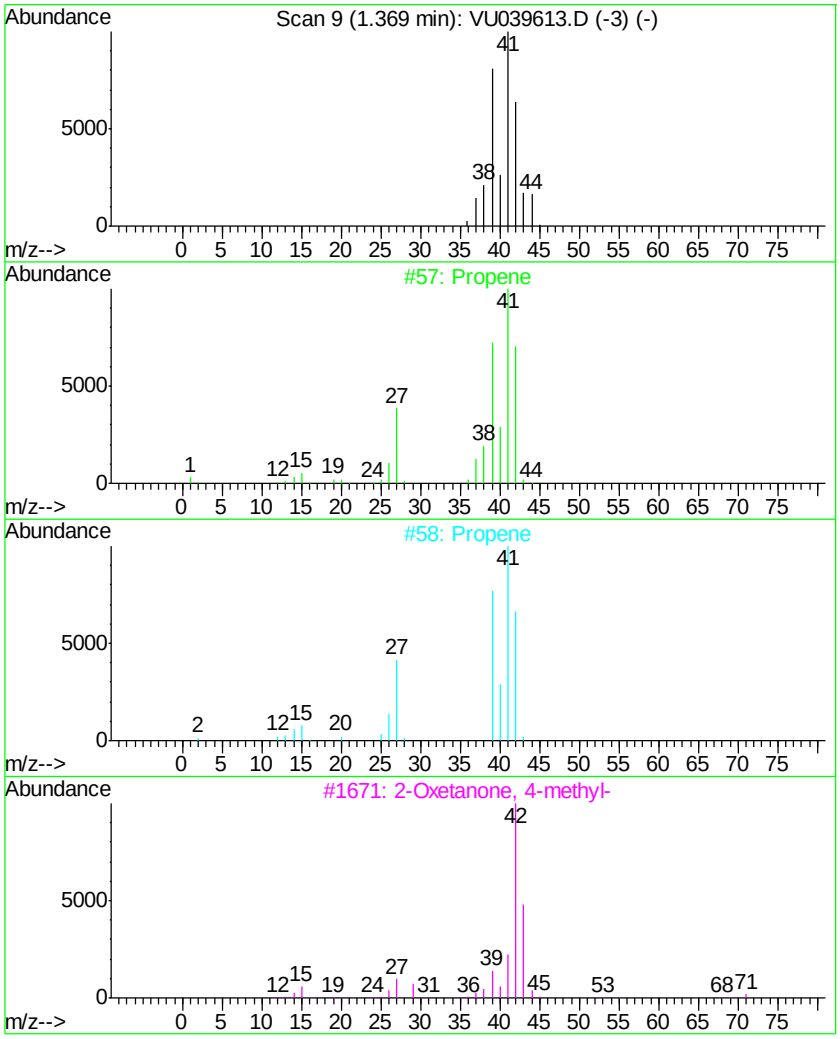
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

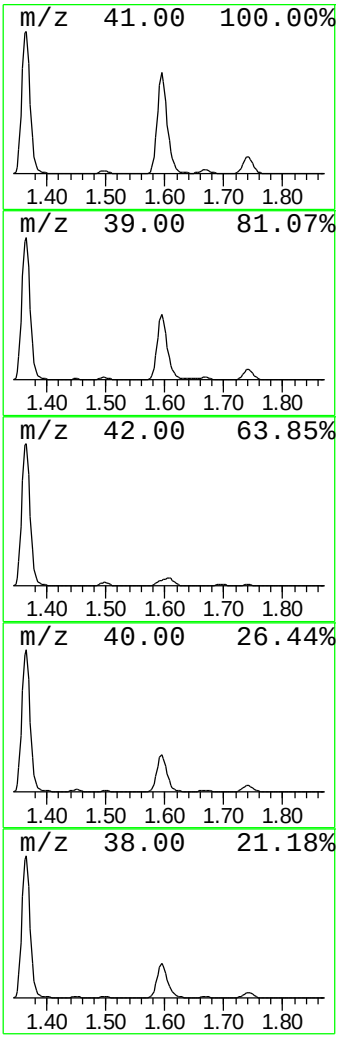
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	24.02 ug/L	1338830	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

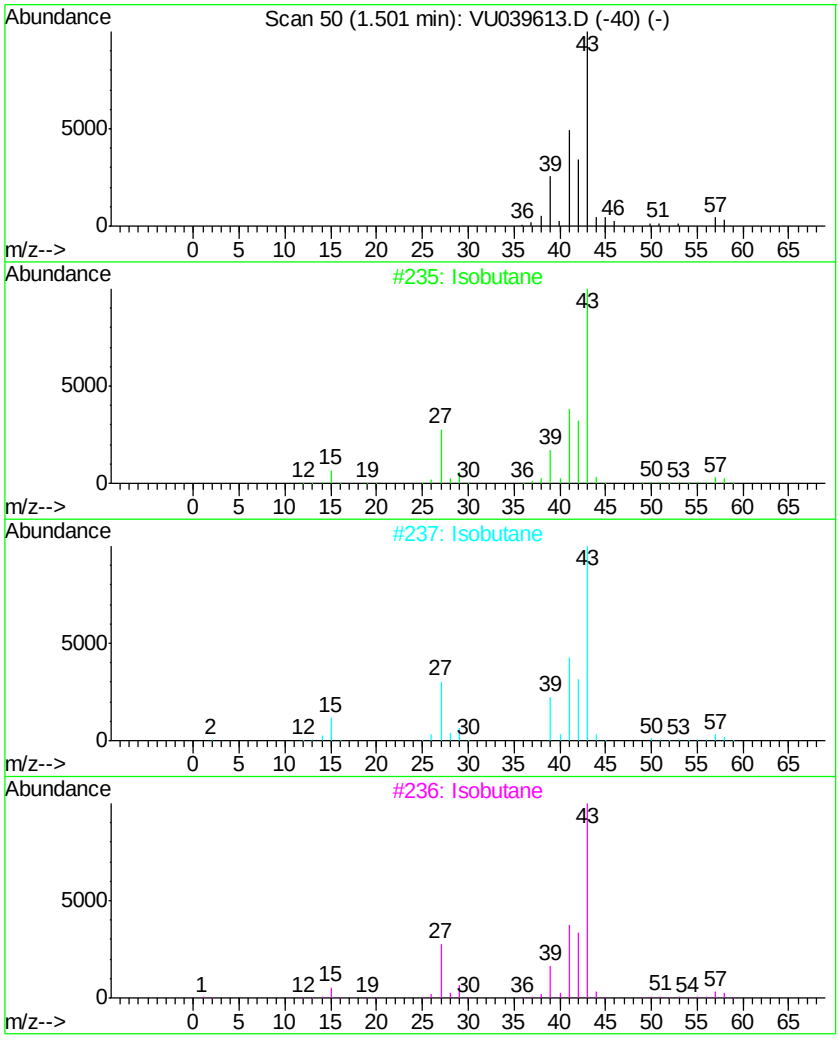
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

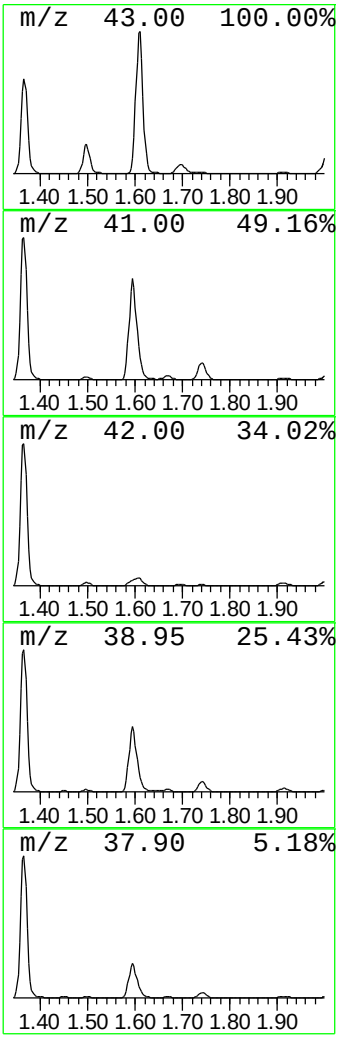
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.93 ug/L	51908	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	42
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

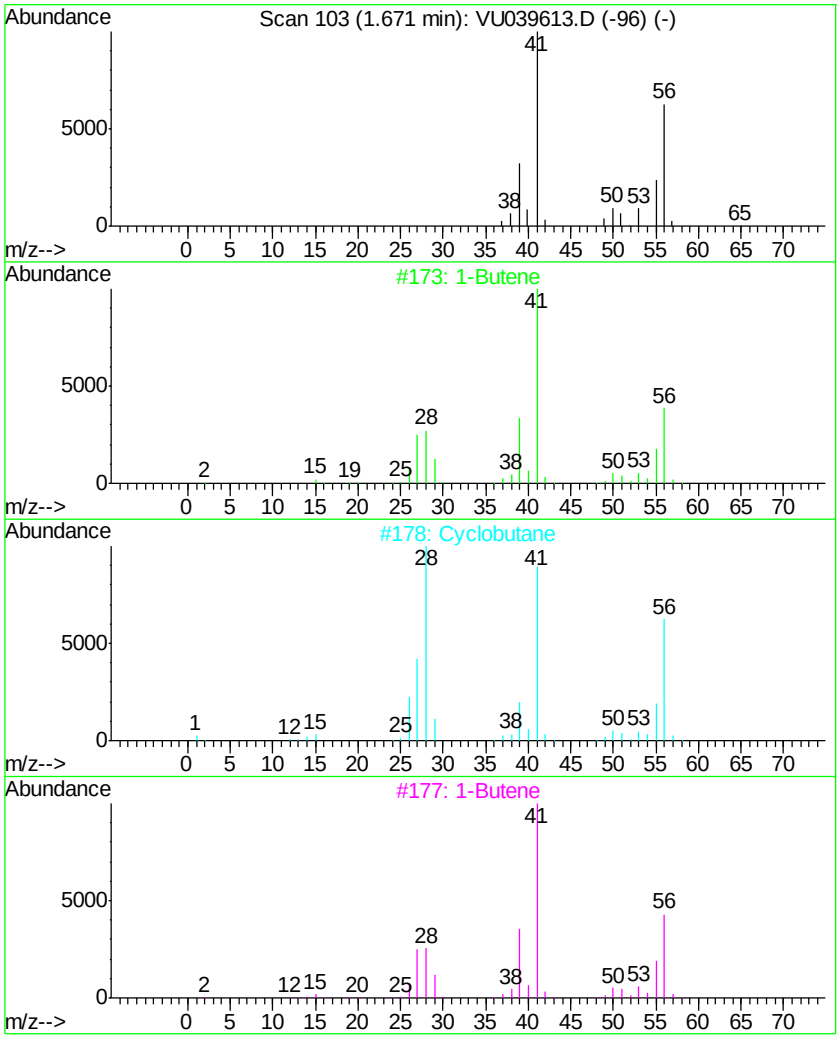
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

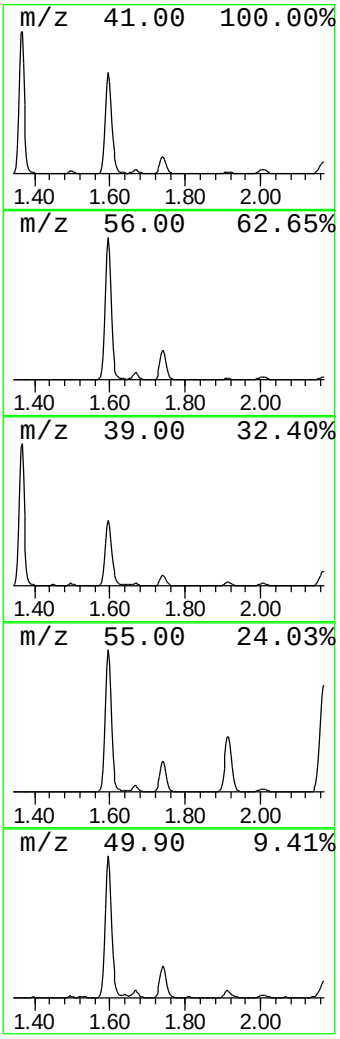
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.67	0.75 ug/L	41938	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	86
2	Cyclobutane	56	C4H8	000287-23-0	86
3	1-Butene	56	C4H8	000106-98-9	80
4	1-Butene	56	C4H8	000106-98-9	80
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

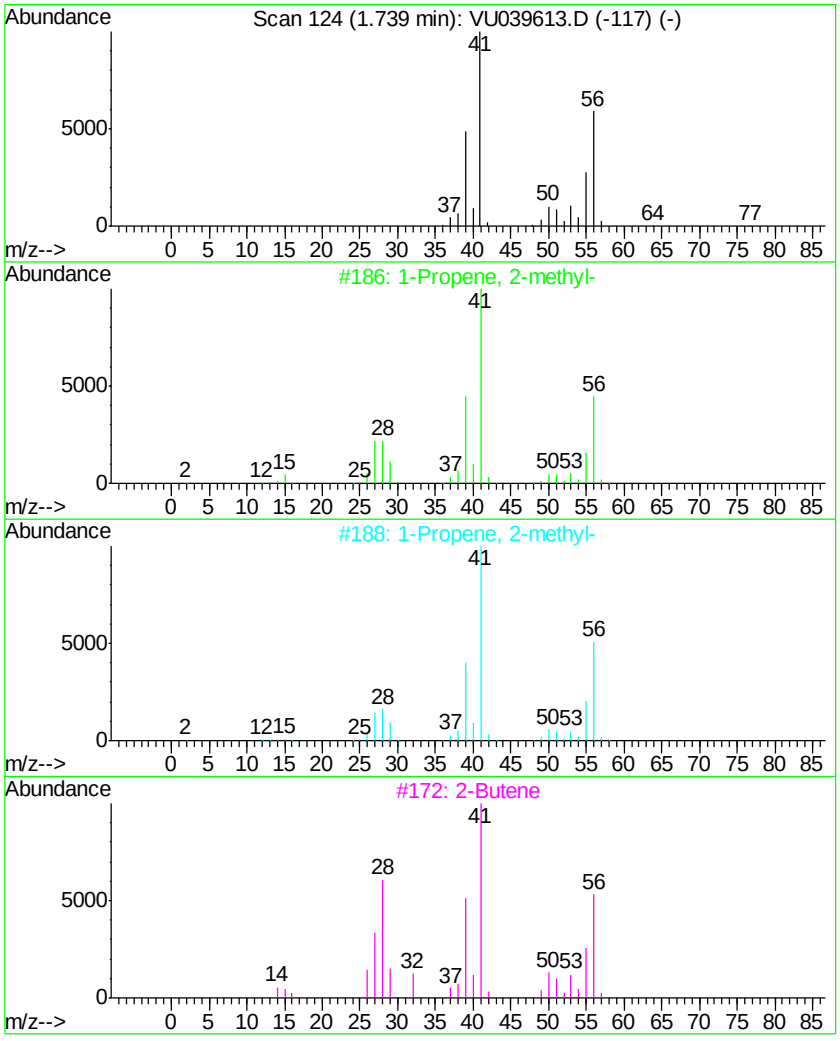
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

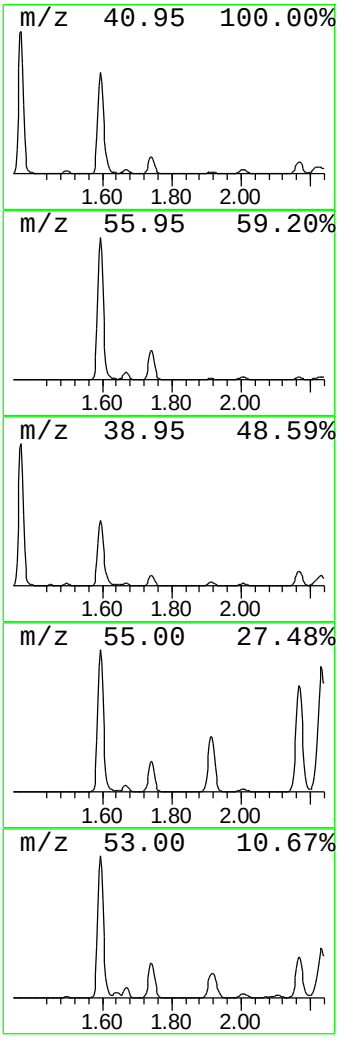
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	3.16 ug/L	176133	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	86
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3	2-Butene	56	C4H8	000107-01-7	72
4	2-Butene, (Z)-	56	C4H8	000590-18-1	72
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

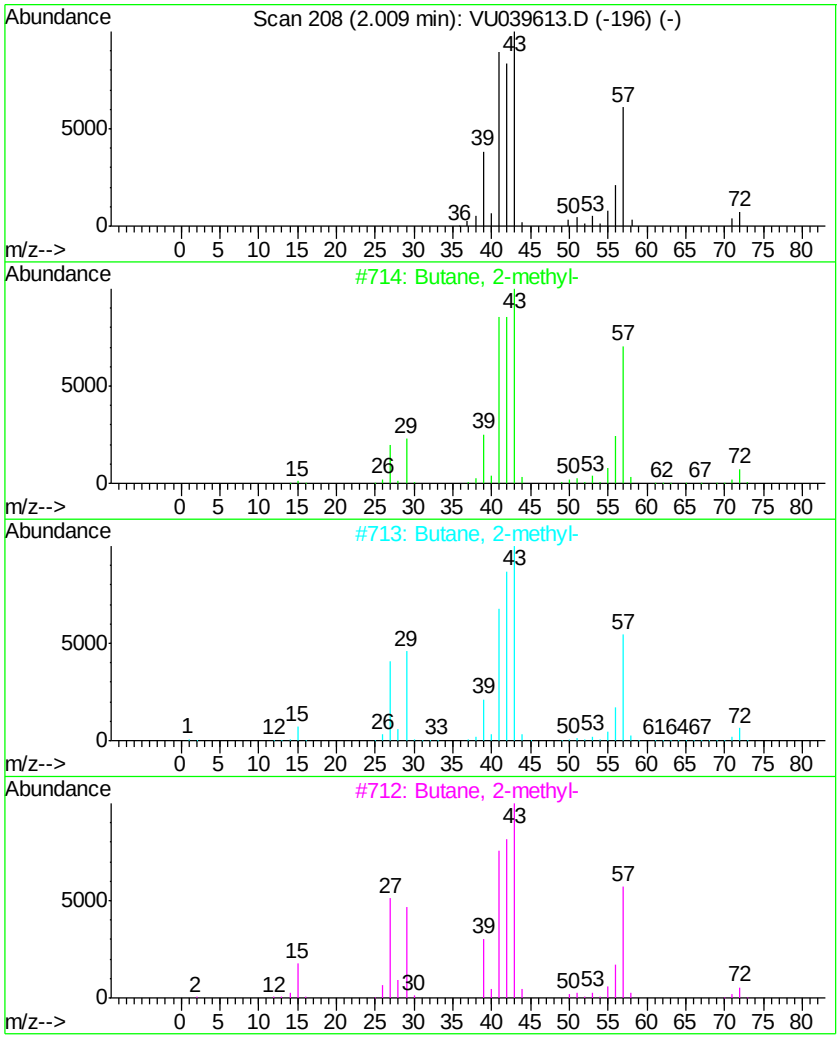
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

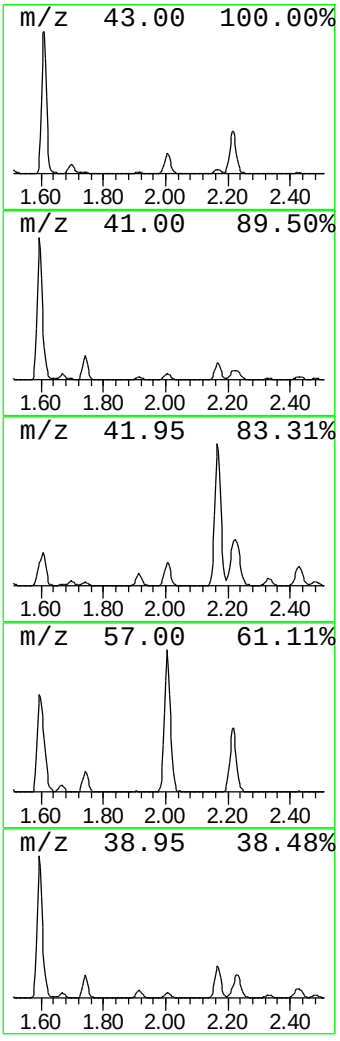
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	1.52 ug/L	84987	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	74
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	Butane, 2-methyl-	72	C5H12	000078-78-4	64
4	3-Buten-1-ol	72	C4H8O	000627-27-0	33
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

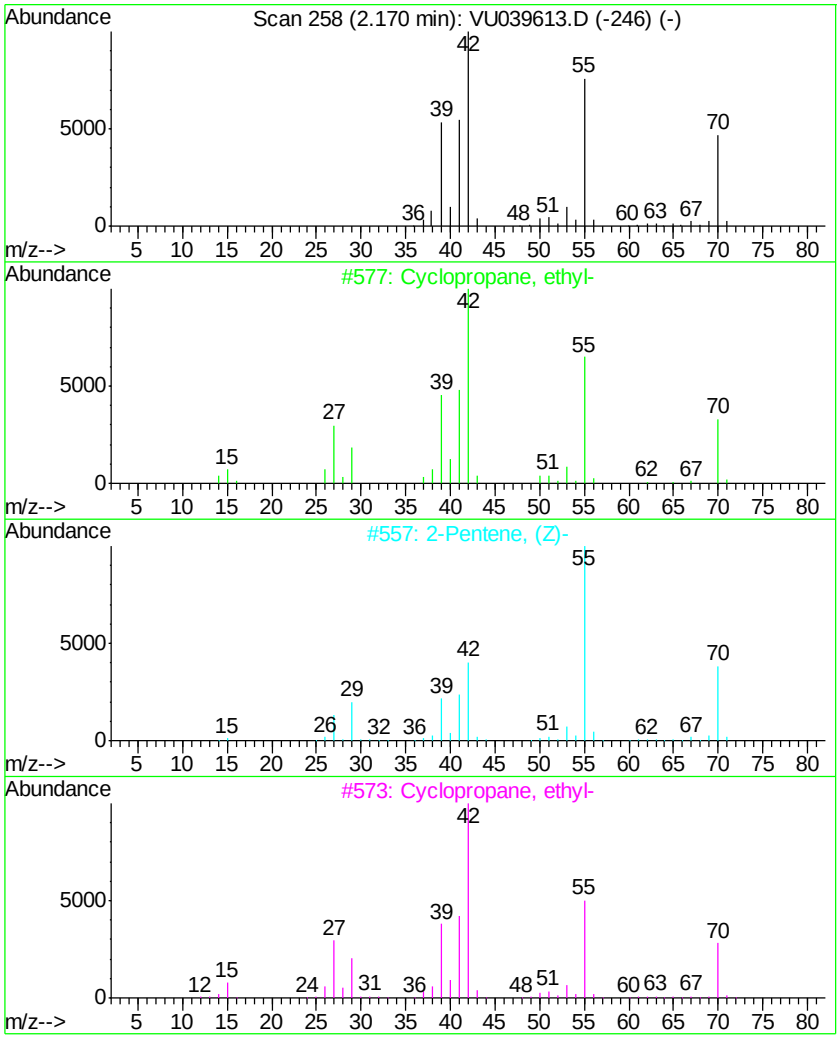
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

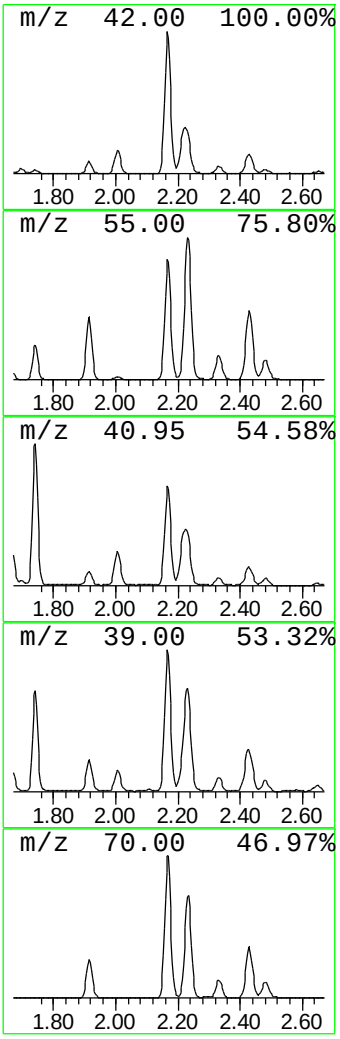
****

Peak Number 6 (DEL) Alkane: Cyclic2.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	6.12 ug/L	341239	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	74
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
4	1-Pentene	70	C5H10	000109-67-1	68
5	1-Pentene	70	C5H10	000109-67-1	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

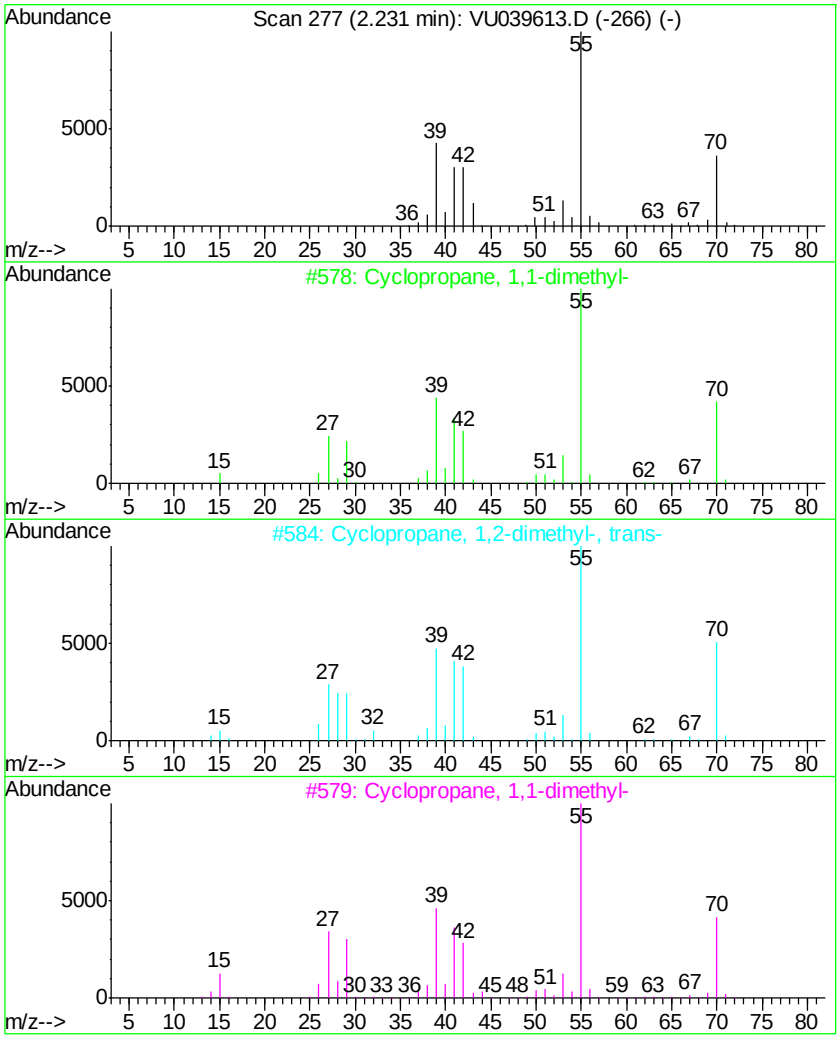
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

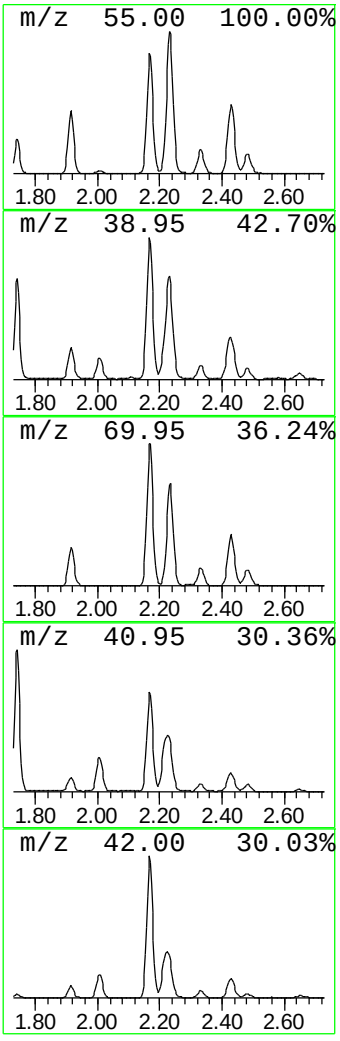
****

Peak Number 7 (DEL) Alkane: Cyclic2.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	6.23 ug/L	347473	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	90
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	83
5	2-Pentene, (E)-	70	C5H10	000646-04-8	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

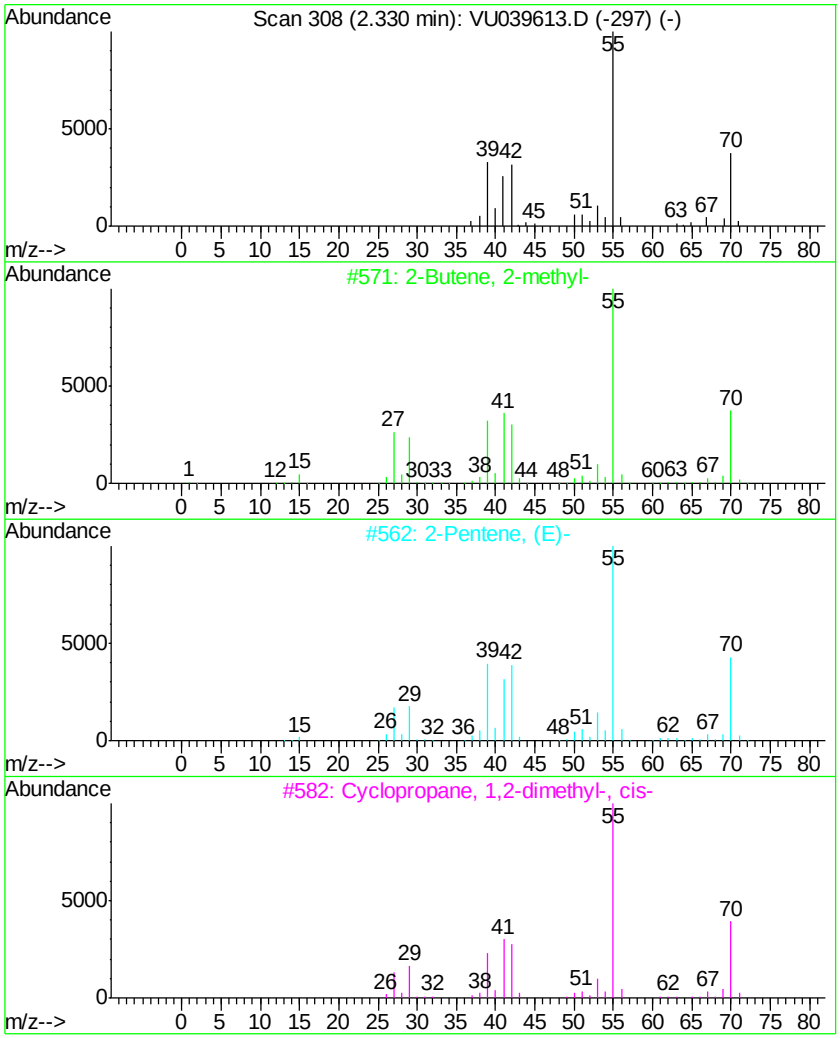
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

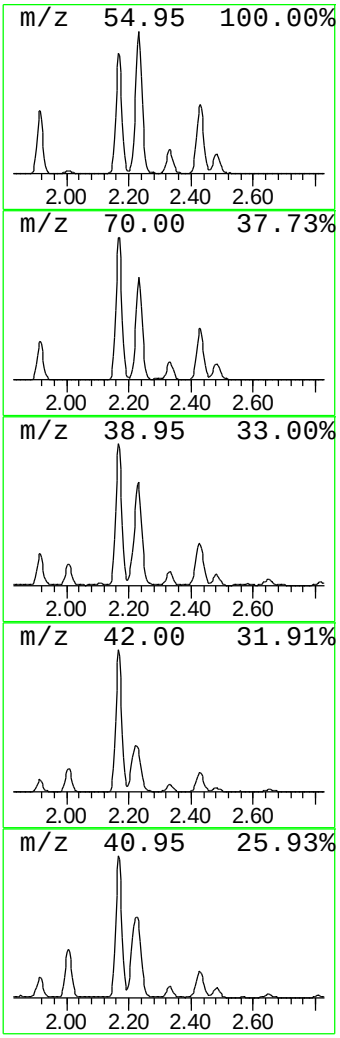
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	0.74 ug/L	41158	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

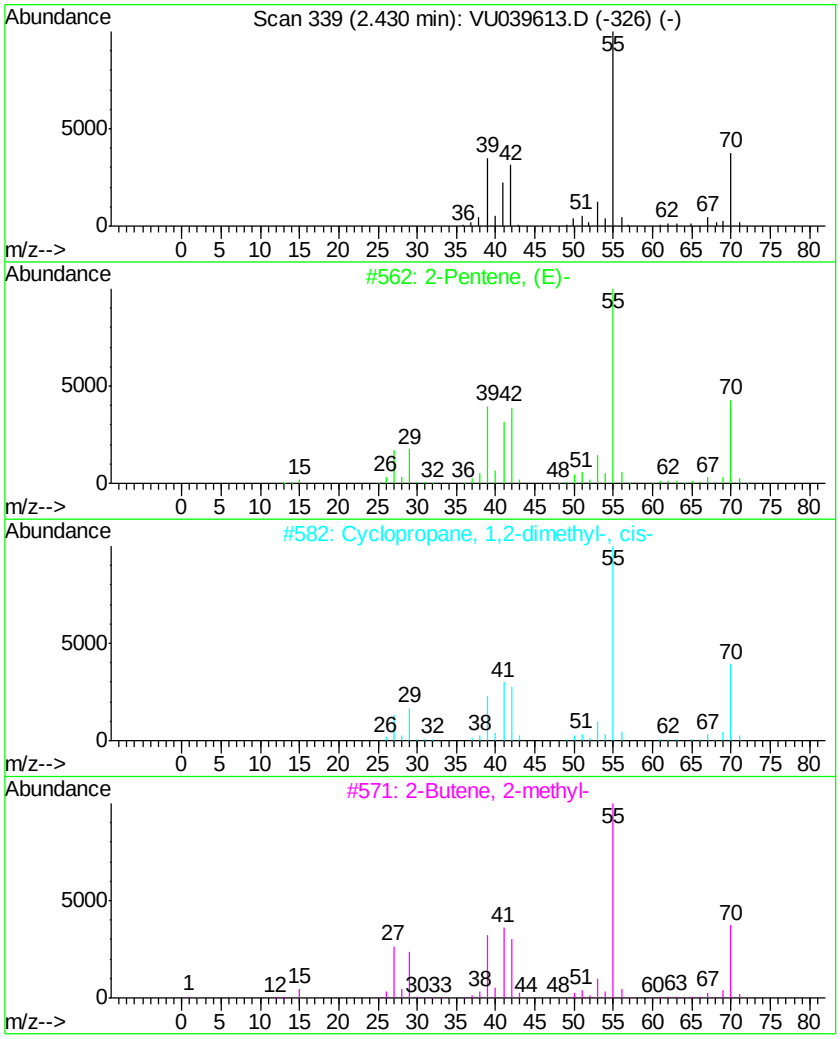
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

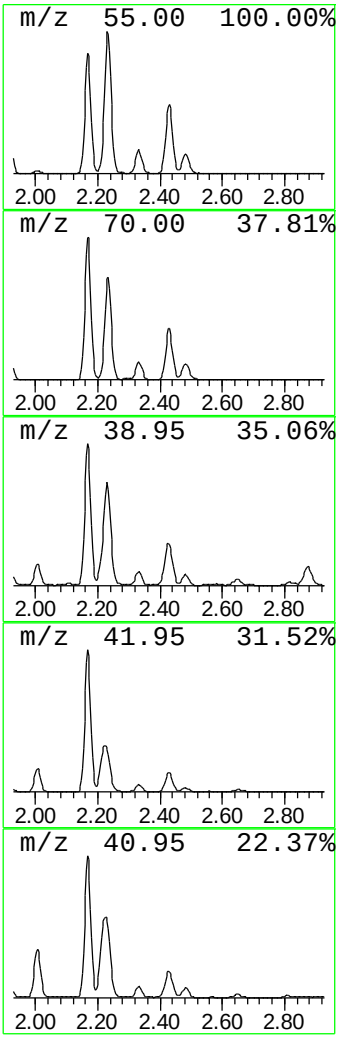
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.37 ug/L	132354	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
5	2-Pentene, (E)-	70	C5H10	000646-04-8	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

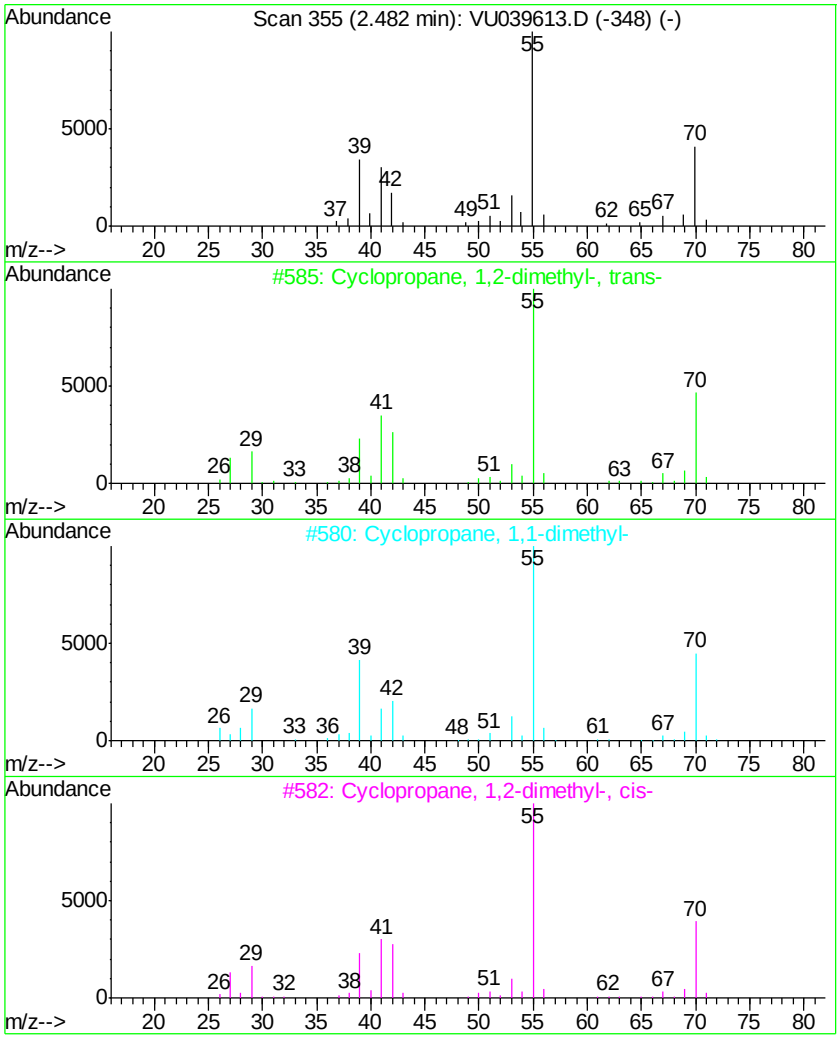
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

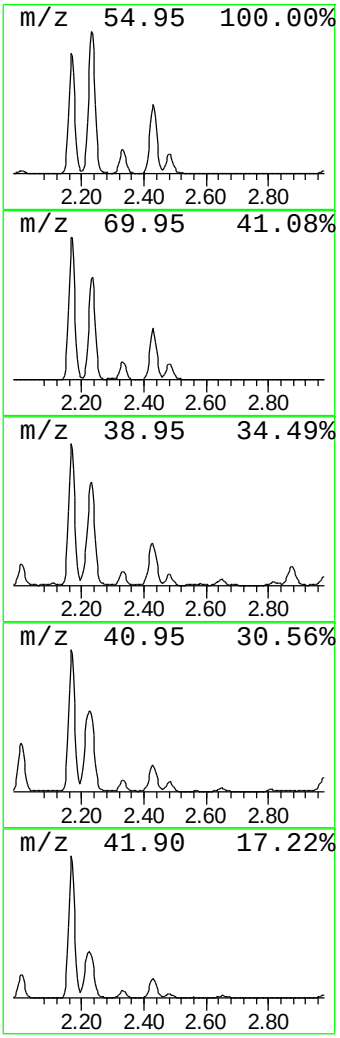
****

Peak Number 10 (DEL) Alkane: Cyclic2.48 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	0.65 ug/L	36206	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	90
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	80
4	2-Methyl-1-butene	70	C5H10	000563-46-2	80
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

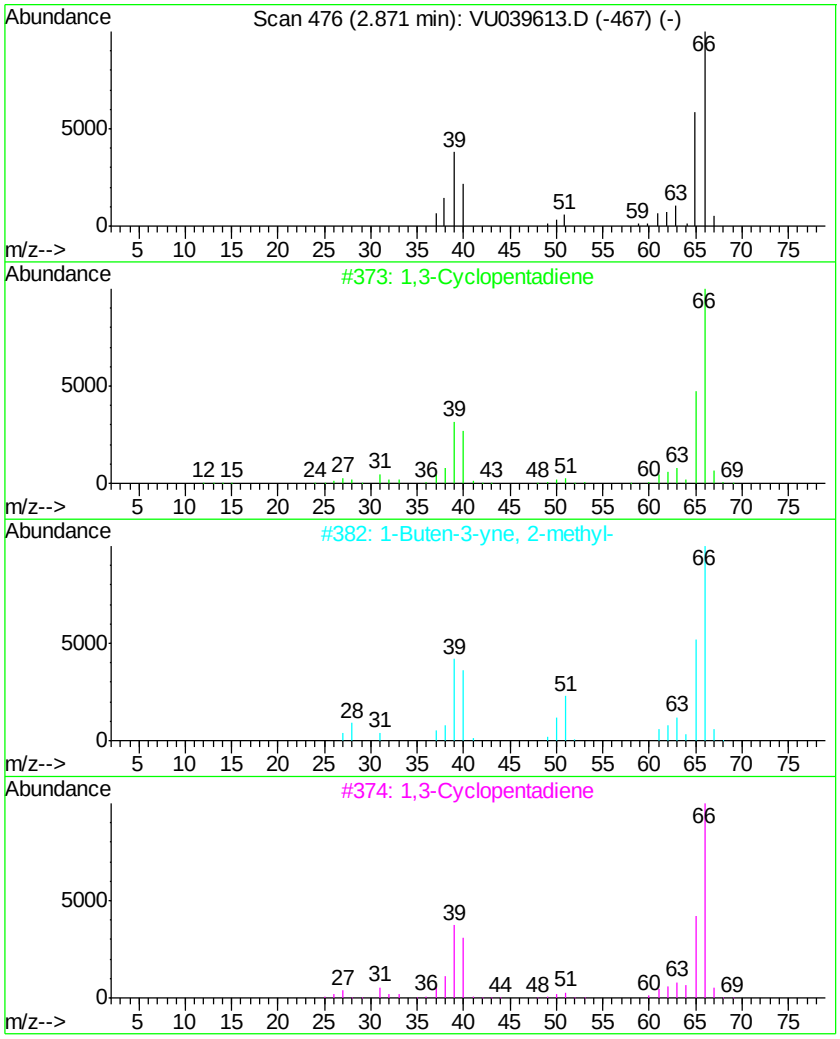
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

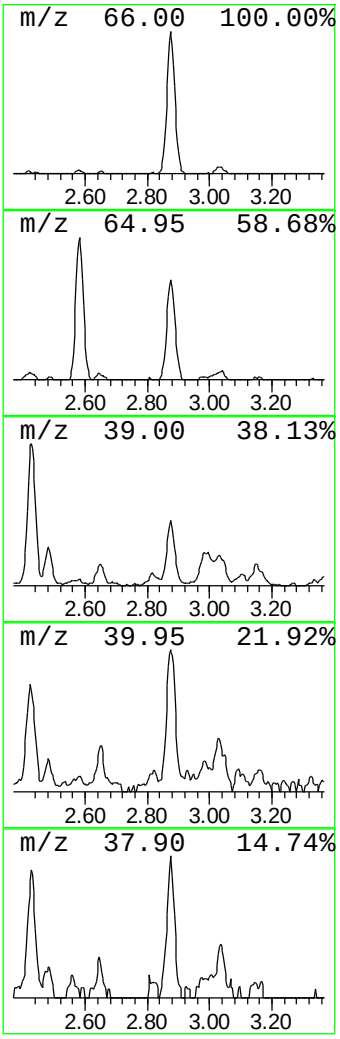
****

Peak Number 11 1,3-Cyclopentadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	1.10 ug/L	61558	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	90
3	1,3-Cyclopentadiene	66	C5H6	000542-92-7	87
4	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	83
5	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

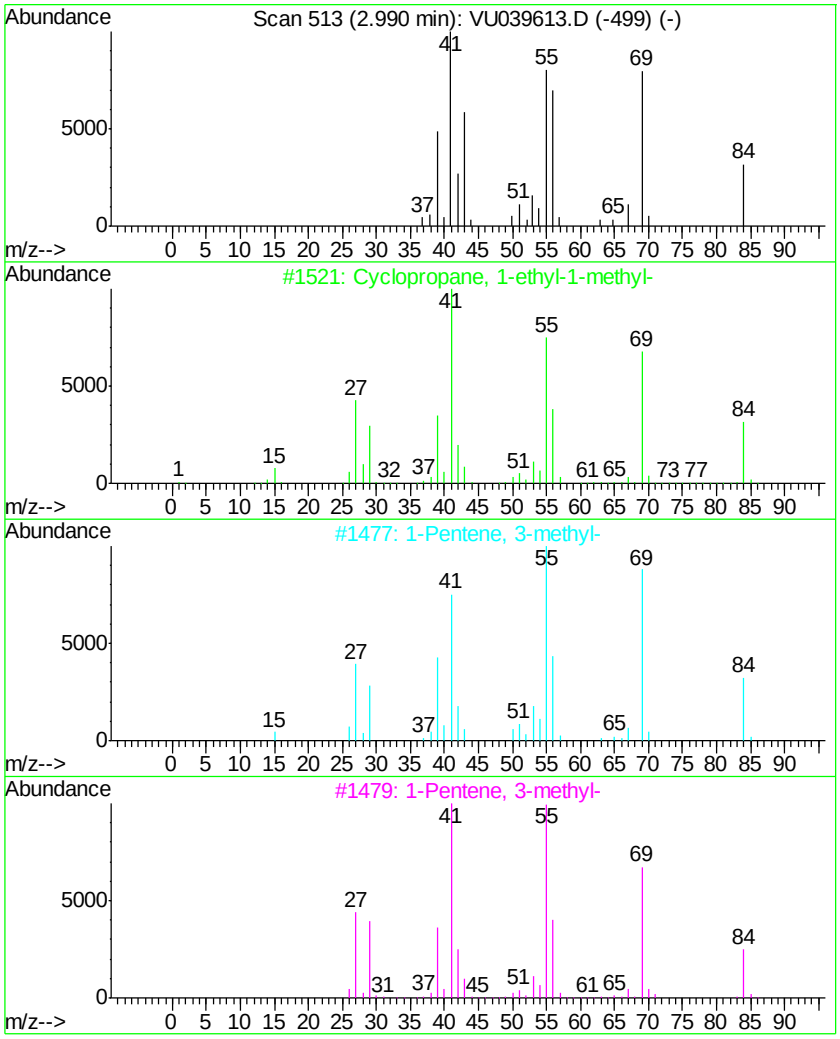
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

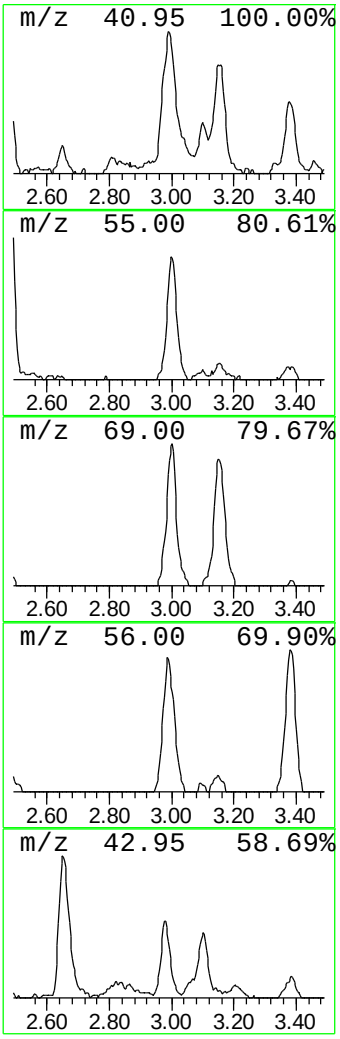
****

Peak Number 12 (DEL) Alkane: Cyclic2.99 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	1.17 ug/L	65208	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	93
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	72
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	72
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

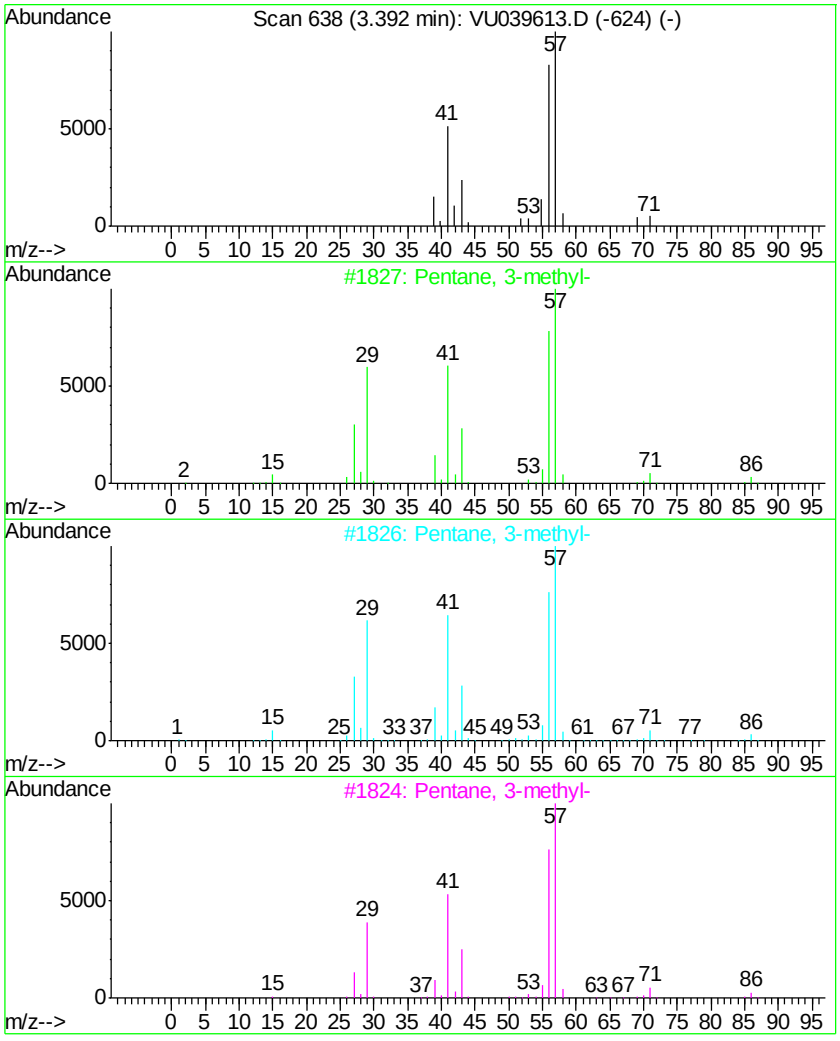
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

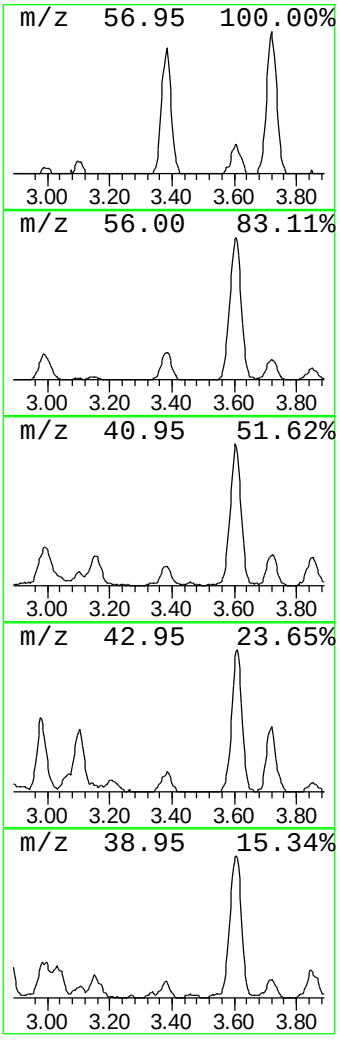
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	0.51 ug/L	28403	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	78
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	74
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

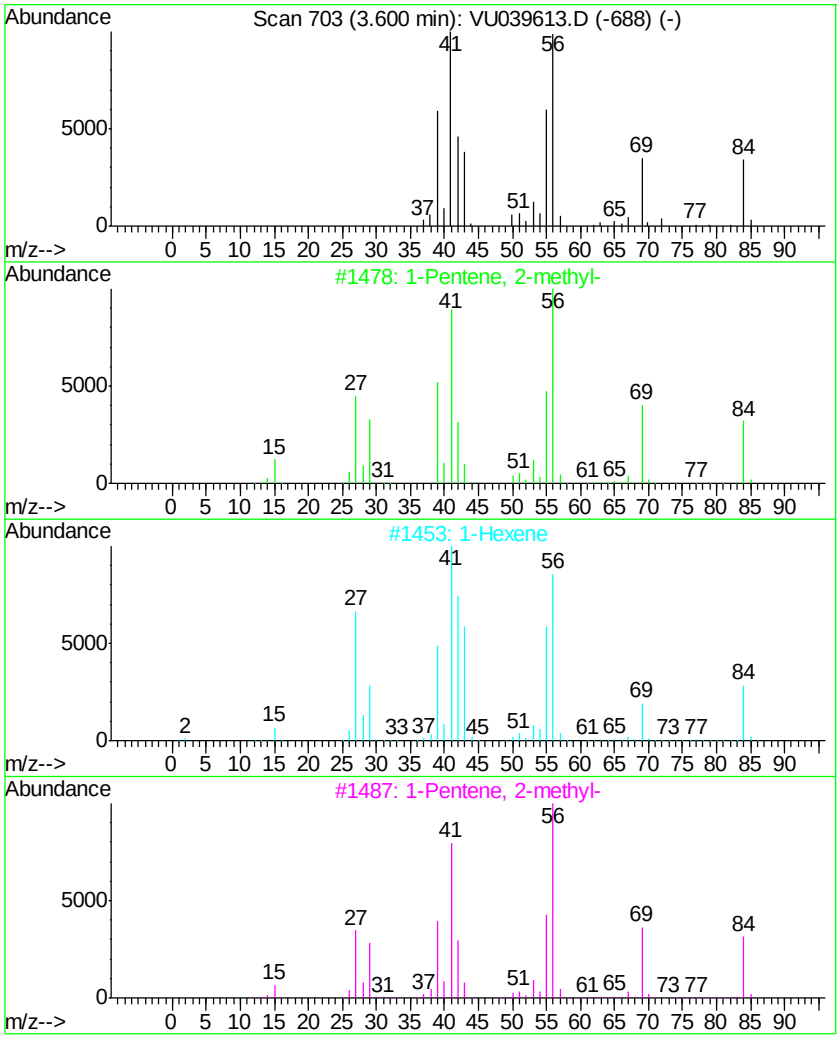
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

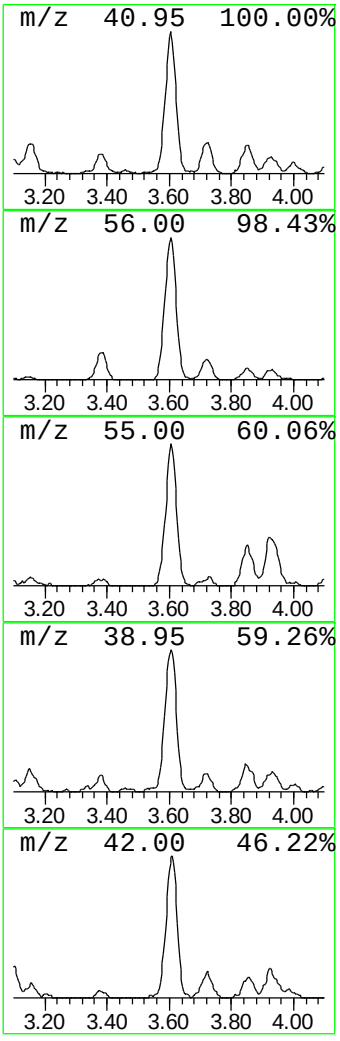
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	3.93 ug/L	218890	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	1-Hexene	84	C6H12	000592-41-6	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
4	1-Hexene	84	C6H12	000592-41-6	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

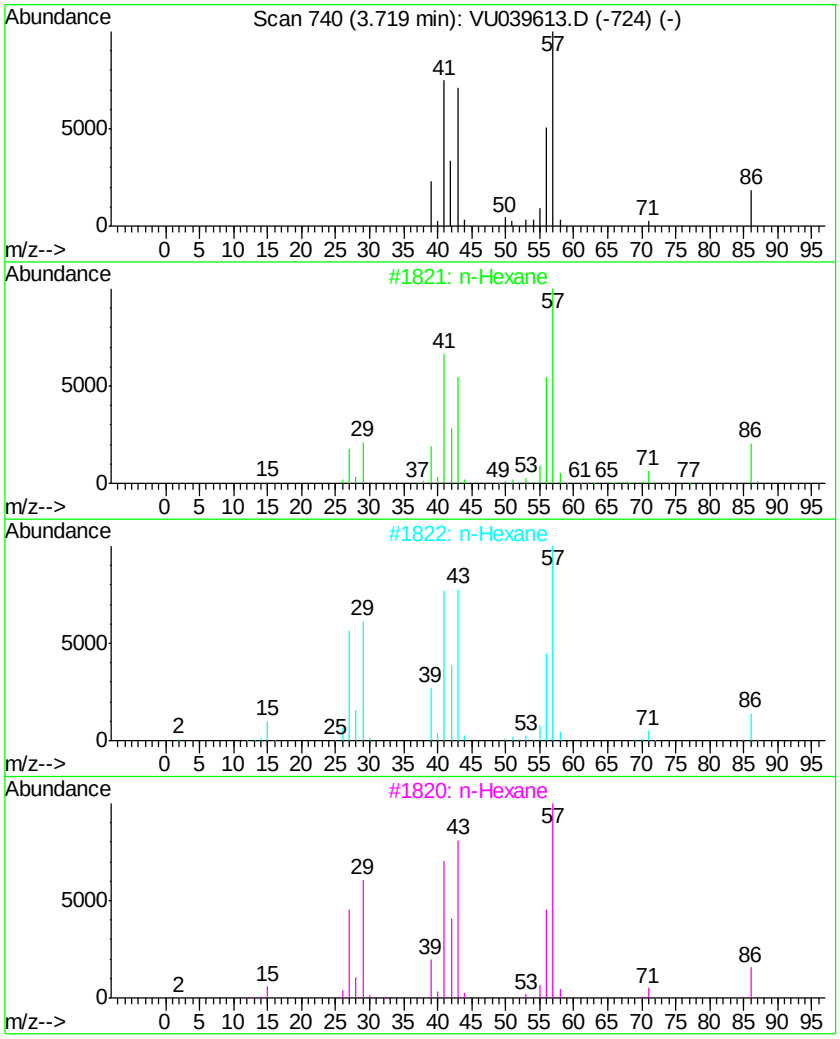
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

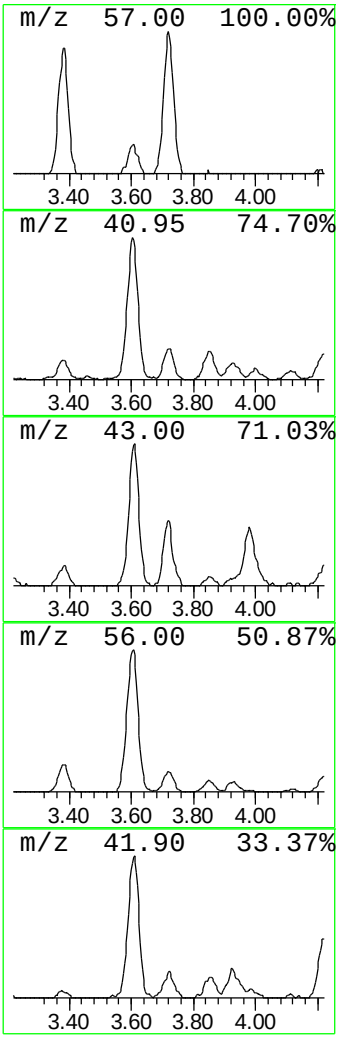
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.75 ug/L	42062	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	56
3	n-Hexane	86	C6H14	000110-54-3	38
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

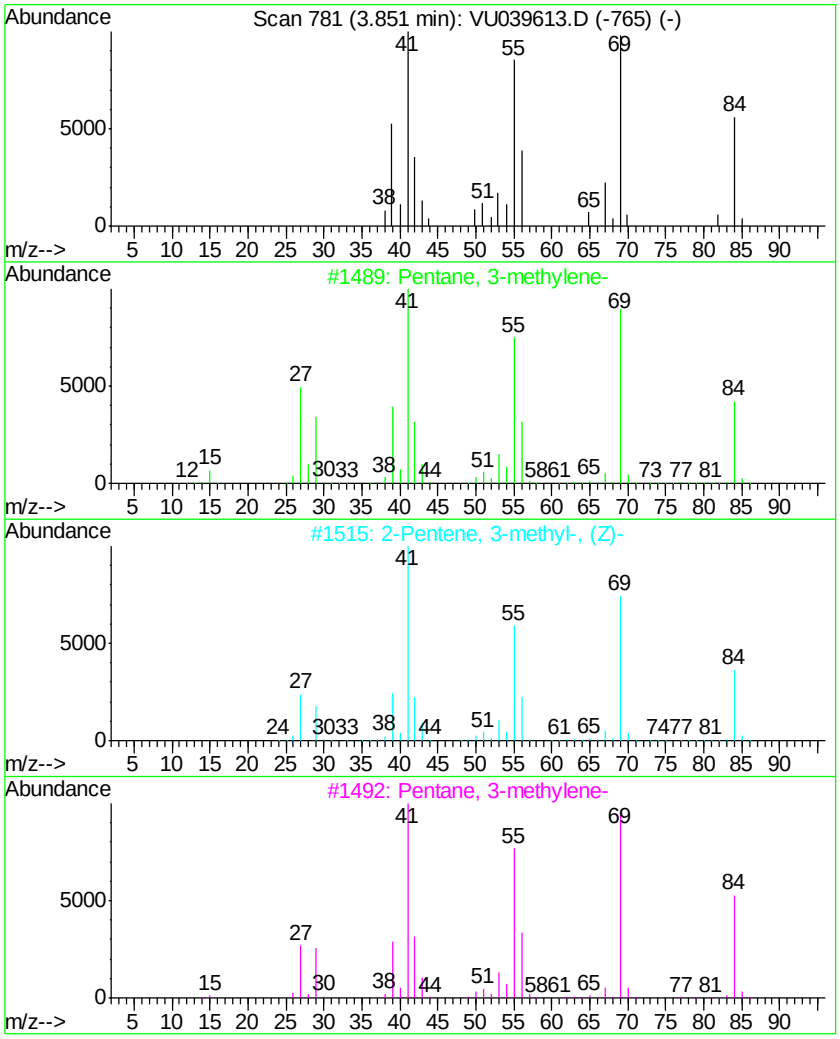
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

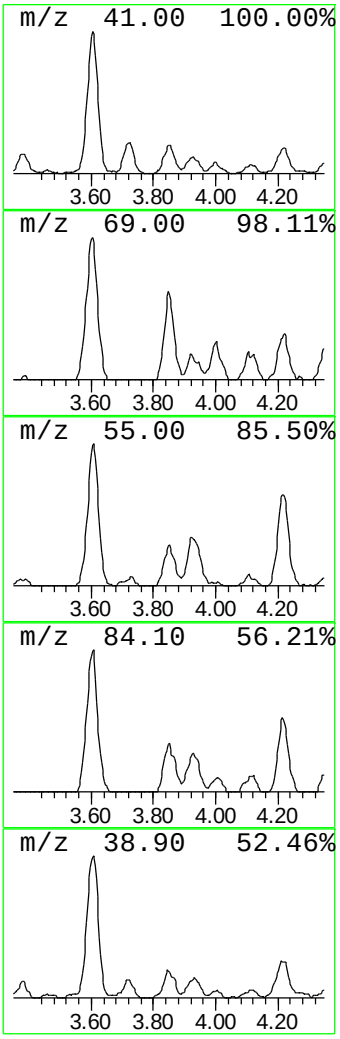
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	0.88 ug/L	48823	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	81
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	81
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	81
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

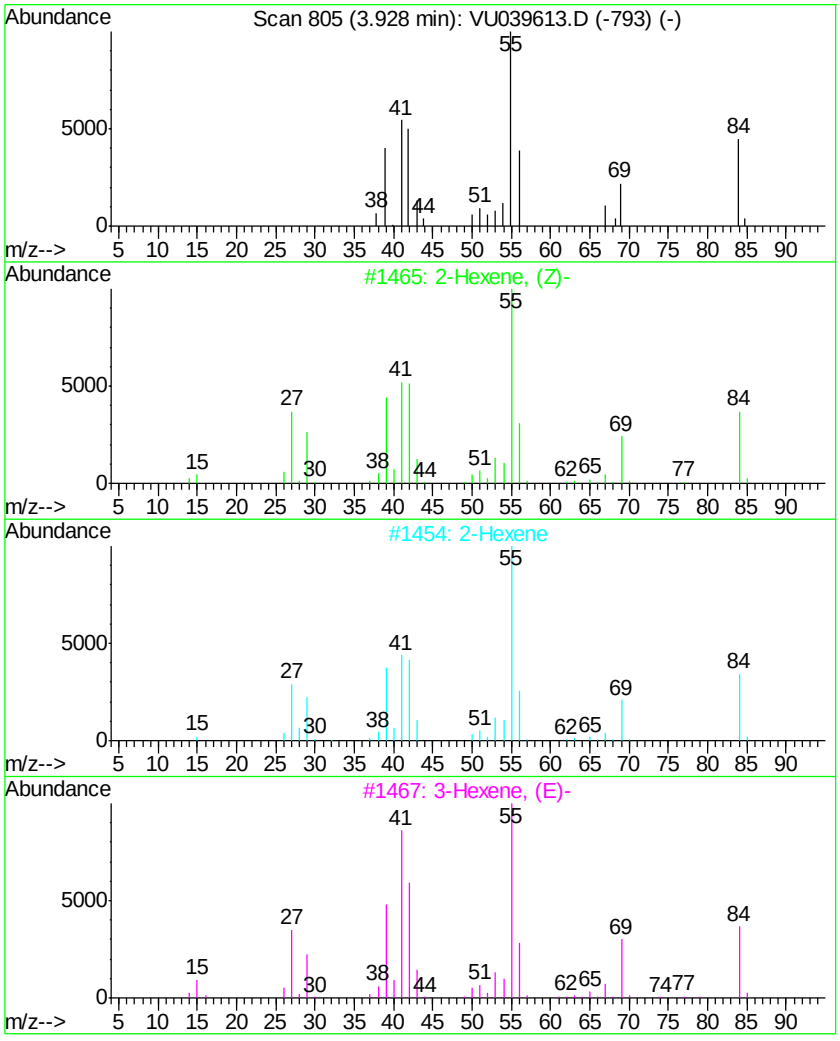
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

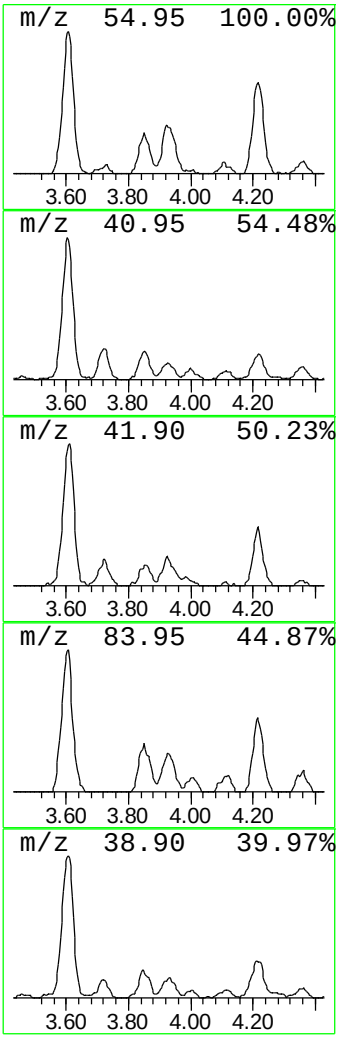
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.51 ug/L	28209	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
2	2-Hexene	84	C6H12	000592-43-8	90
3	3-Hexene, (E)-	84	C6H12	013269-52-8	87
4	2-Hexene	84	C6H12	000592-43-8	87
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

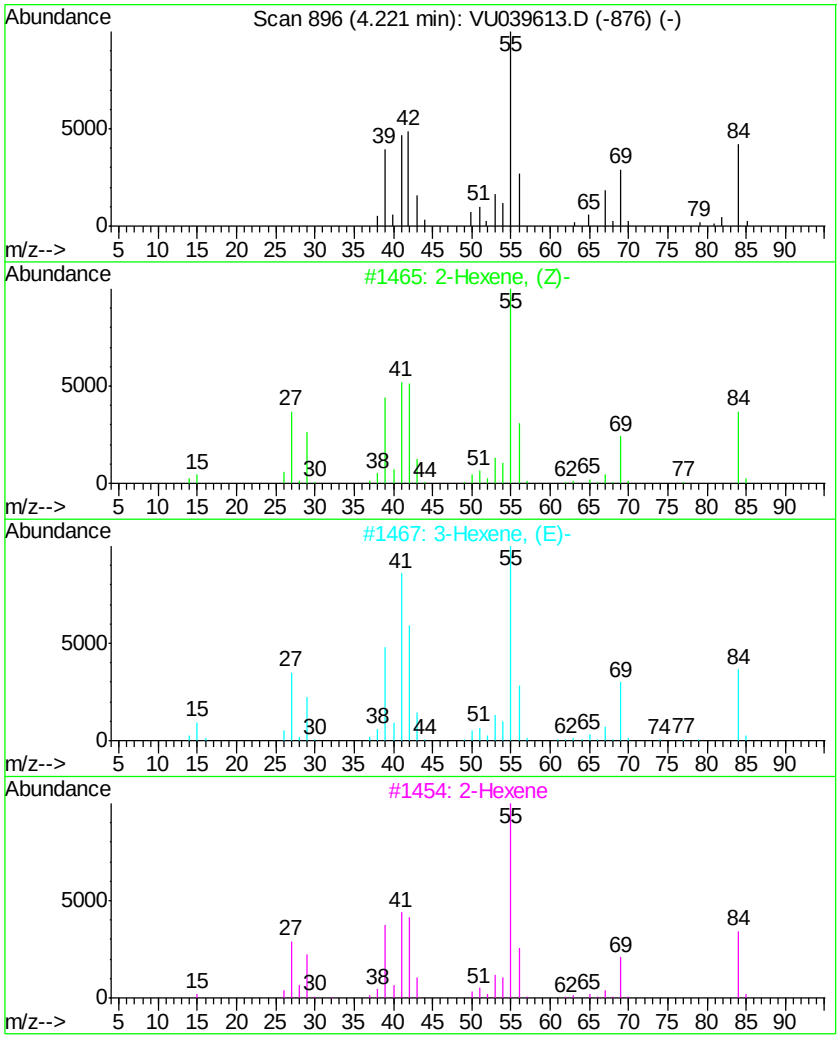
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

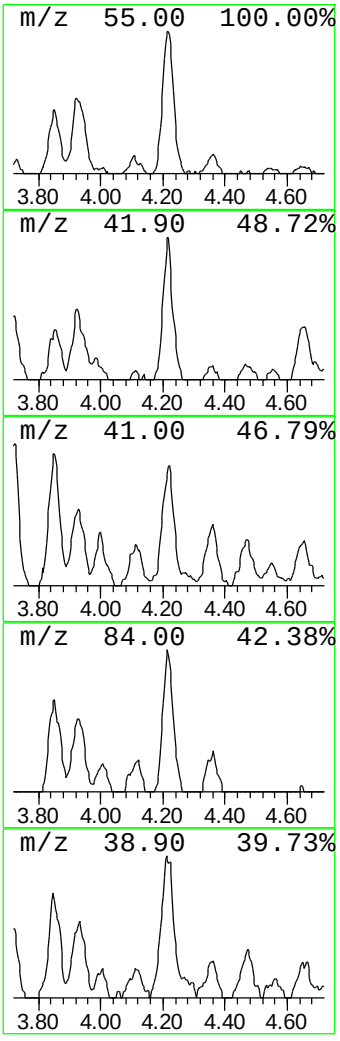
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	1.37 ug/L	76207	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
2	3-Hexene, (E)-	84	C6H12	013269-52-8	90
3	2-Hexene	84	C6H12	000592-43-8	76
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	74
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

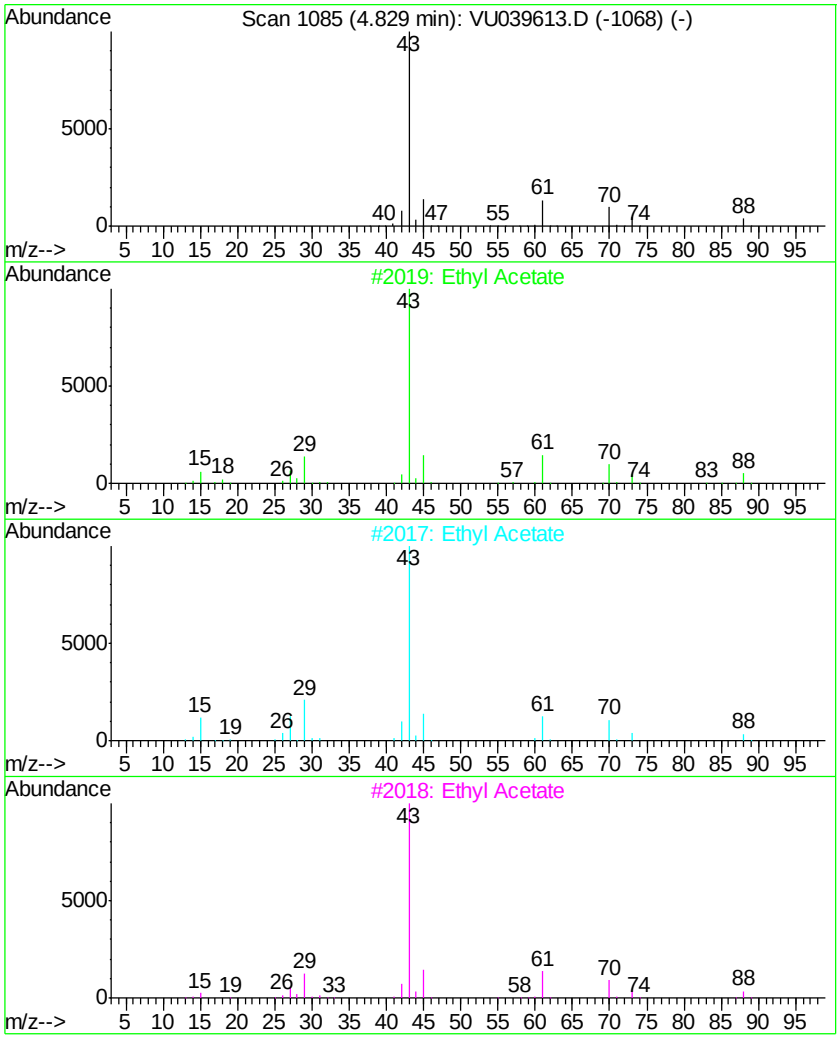
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

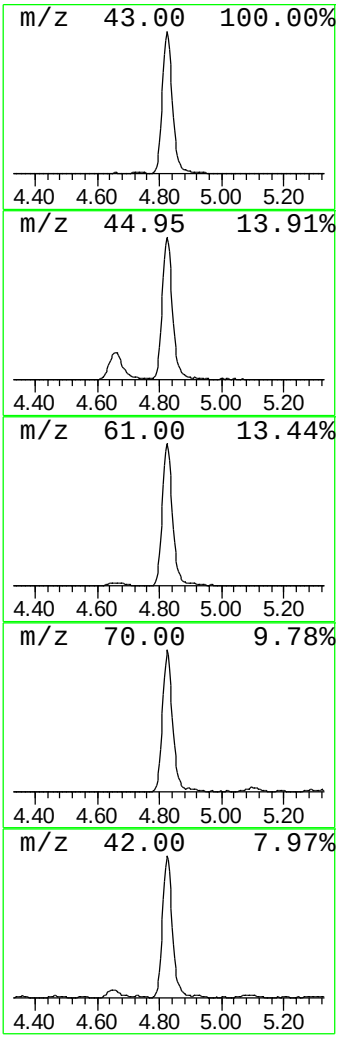
****

Peak Number 19 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	18.95 ug/L	1056150	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

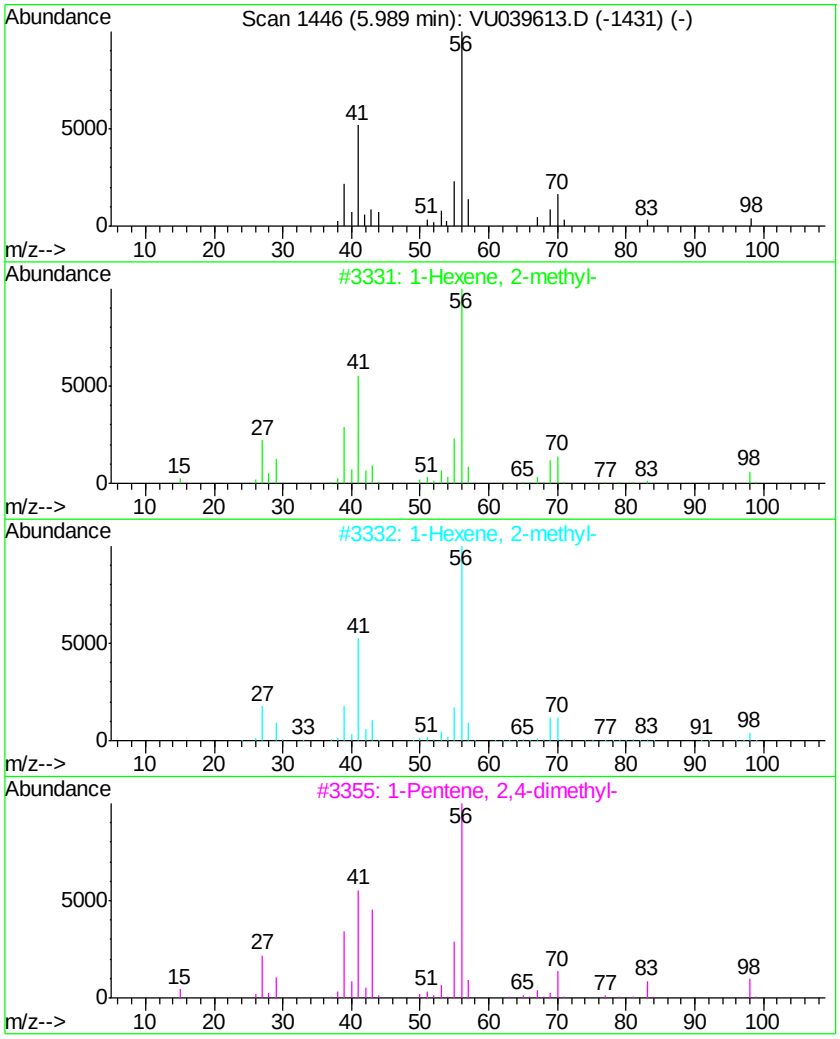
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

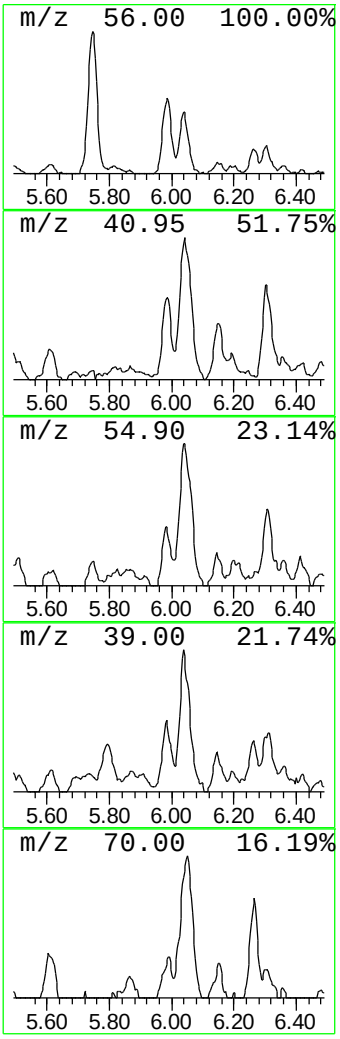
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	0.63 ug/L	35124	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	87
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	80
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	80
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	80
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

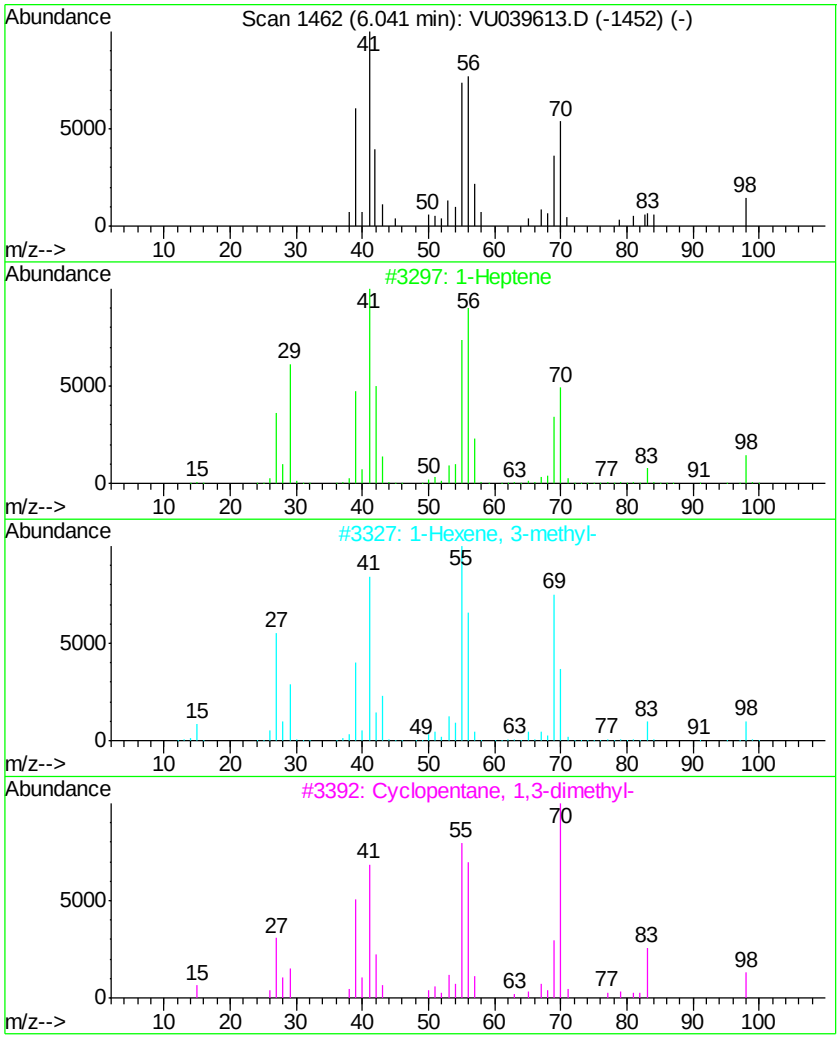
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

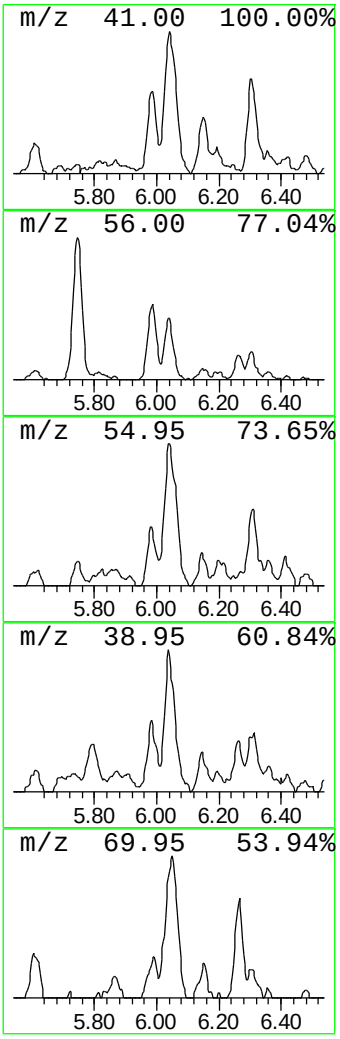
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	1.47 ug/L	82084	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene	98	C7H14	000592-76-7	93
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	74
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58
4	1-Heptanol	116	C7H16O	000111-70-6	58
5	Isopropylcyclobutane	98	C7H14	000872-56-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

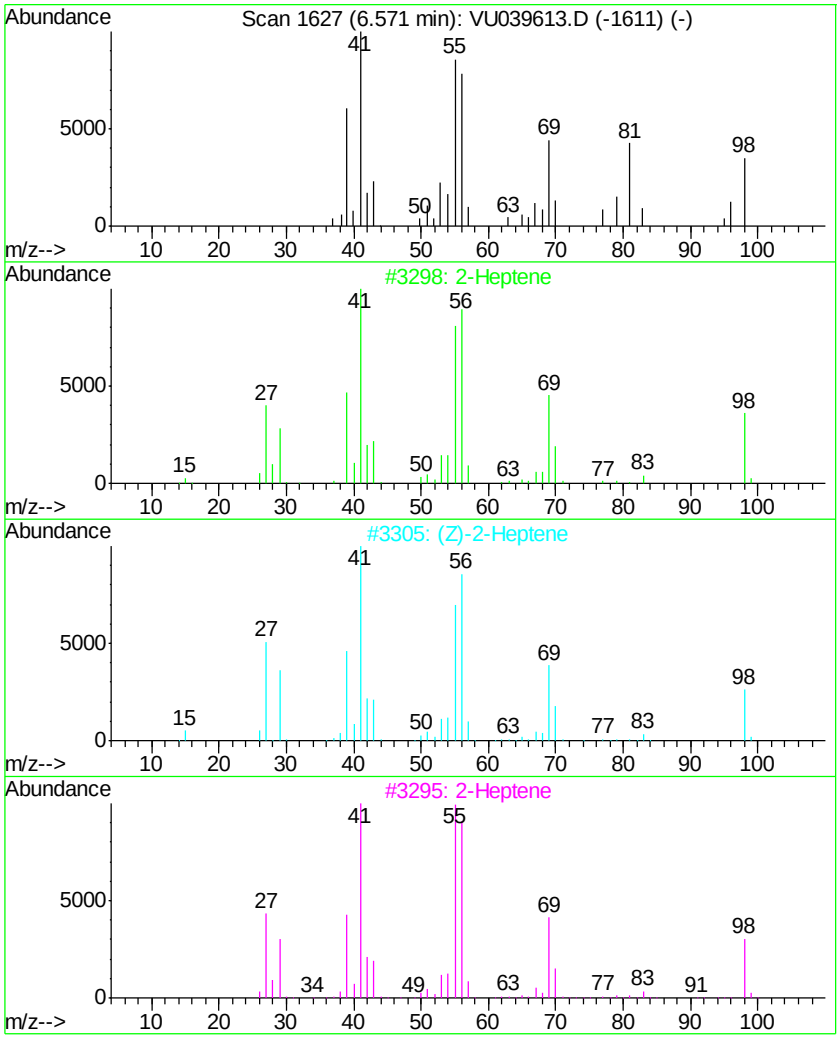
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

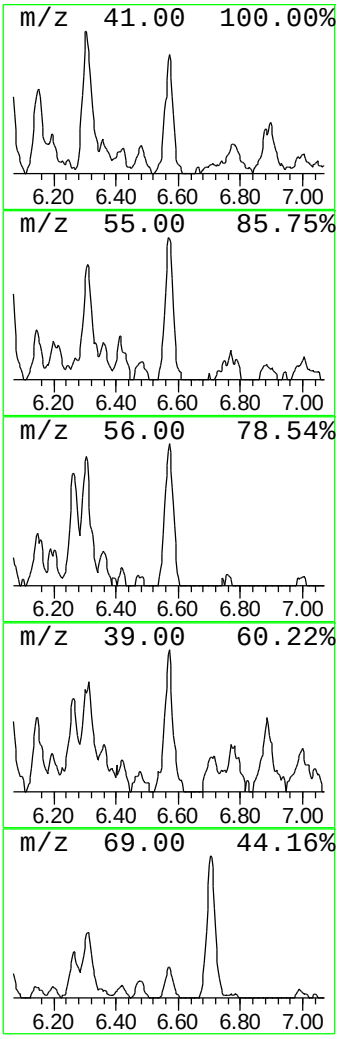
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.74 ug/L	41115	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene	98	C7H14	000592-77-8	76
2	(Z)-2-Heptene	98	C7H14	006443-92-1	64
3	2-Heptene	98	C7H14	000592-77-8	53
4	1-Heptene	98	C7H14	000592-76-7	53
5	2-Heptene, (E)-	98	C7H14	014686-13-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039613.D
Acq On : 21 Jul 2020 21:33
Operator : SY/MD
Sample : L3347-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAY01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	24.0	ug/L	1338830	1	6.27	278730	5.0
(DEL) Alkane: Str...	1.50	0.9	ug/L	51908	1	6.27	278730	5.0
(DEL) Alkane: Str...	1.67	0.8	ug/L	41938	1	6.27	278730	5.0
(DEL) Alkane: Str...	1.74	3.2	ug/L	176133	1	6.27	278730	5.0
(DEL) Alkane: Str...	2.01	1.5	ug/L	84987	1	6.27	278730	5.0
(DEL) Alkane: Cyc...	2.17	6.1	ug/L	341239	1	6.27	278730	5.0
(DEL) Alkane: Cyc...	2.23	6.2	ug/L	347473	1	6.27	278730	5.0
(DEL) Alkane: Str...	2.33	0.7	ug/L	41158	1	6.27	278730	5.0
(DEL) Alkane: Str...	2.43	2.4	ug/L	132354	1	6.27	278730	5.0
(DEL) Alkane: Cyc...	2.48	0.7	ug/L	36206	1	6.27	278730	5.0
1,3-Cyclopentadiene	2.87	1.1	ug/L	61558	1	6.27	278730	5.0
(DEL) Alkane: Cyc...	2.99	1.2	ug/L	65208	1	6.27	278730	5.0
(DEL) Alkane: Str...	3.39	0.5	ug/L	28403	1	6.27	278730	5.0
(DEL) Alkane: Str...	3.60	3.9	ug/L	218890	1	6.27	278730	5.0
(DEL) Alkane: Str...	3.72	0.8	ug/L	42062	1	6.27	278730	5.0
(DEL) Alkane: Str...	3.85	0.9	ug/L	48823	1	6.27	278730	5.0
(DEL) Alkane: Str...	3.93	0.5	ug/L	28209	1	6.27	278730	5.0
(DEL) Alkane: Str...	4.22	1.4	ug/L	76207	1	6.27	278730	5.0
Ethyl Acetate	4.83	18.9	ug/L	1056150	1	6.27	278730	5.0
(DEL) Alkane: Str...	5.99	0.6	ug/L	35124	1	6.27	278730	5.0
(DEL) Alkane: Str...	6.04	1.5	ug/L	82084	1	6.27	278730	5.0
(DEL) Alkane: Str...	6.57	0.7	ug/L	41115	1	6.27	278730	5.0