LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

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\SOMUTR102620WMA.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	1.494	41	48	59	rVB	11514	12456	2.05%	0.402%
2	1.607	75	83	94	rVB2	87139	93895	15.47%	3.030%
3	1.922	173	181	191	rBV	22031	27594	4.55%	0.891%
4	2.006	197	207	219	rBV	96203	132811	21.89%	4.287%
5	2.215	262	272	288	rVB3	17924	34913	5.75%	1.127%
6	2.327	299	307	316	rVB2	11047	15528	2.56%	0.501%
7	2.427	330	338	345	rBV	5067	7165	1.18%	0.231%
8	2.478	345	354	365	rVB	22025	33513	5.52%	1.082%
9	2.581	375	386	406	rBV	38325	64539	10.64%	2.083%
10	3.057	515	534	541	rBV6	12003	28526	4.70%	0.921%
11	3.150	554	563	581	rVB2	12287	26260	4.33%	0.848%
12	3.379	621	634	646	rBV3	6520	13791	2.27%	0.445%
13	3.999	815	827	840	rBB5	2960	6787	1.12%	0.219%
14	4.549	985	998	1014	rBB3	13620	32333	5.33%	1.044%
15	4.652	1015	1030	1063	rBV2	42229	136651	22.52%	4.410%
16	5.083	1149	1164	1182	rBV	45374	98076	16.16%	3.165%
17	5.401	1251	1263	1278	rBV4	11841	25777	4.25%	0.832%
18	5.742	1348	1369	1374	rBV3	81691	205363	33.85%	6.628%
19	5.790	1374	1384	1400	rVB	296086	606759	100.00%	19.583%
20	6.263	1517	1531	1551	rBV	78308	145340	23.95%	4.691%
21	6.703	1655	1668	1682	rBV2	56680	107594	17.73%	3.473%
22	7.575	1927	1939	1954	rBB2	26558	44773	7.38%	1.445%
23	7.906	2028	2042	2057	rBV	90035	152451	25.13%	4.920%
24	8.185	2119	2129	2144	rBV2	17481	28913	4.77%	0.933%
25	8.639	2257	2270	2292	rBV	184533	326473	53.81%	10.537%
26	9.420	2500	2513	2528	rBV	109569	178057	29.35%	5.747%
27	9.571	2551	2560	2569	rVB2	4569	6396	1.05%	0.206%
28	9.697	2586	2599	2610	rBV2	29571	46917	7.73%	1.514%
29	10.754	2917	2928	2942	rVB	49166	77468	12.77%	2.500%
30	10.906	2963	2975	2983	rBV3	4701	7257	1.20%	0.234%
31	11.288	3086	3094	3103	rBV2	8005	10673	1.76%	0.344%
32	11.465	3140	3149	3158	rVB3	4289	6206	1.02%	0.200%
33	11.809	3244	3256	3268	rBV	105070	165774	27.32%	5.350%
34	12.089	3334	3343	3352	rBV2	13584	20303	3.35%	0.655%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

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\SOMUTR102620WMA.M
Title : TRACE VOA SOM01.0

35	12.188	3362	3374	3388	rBV	109027	171022	28.19%	5.520%

Sum of corrected areas: 3098354

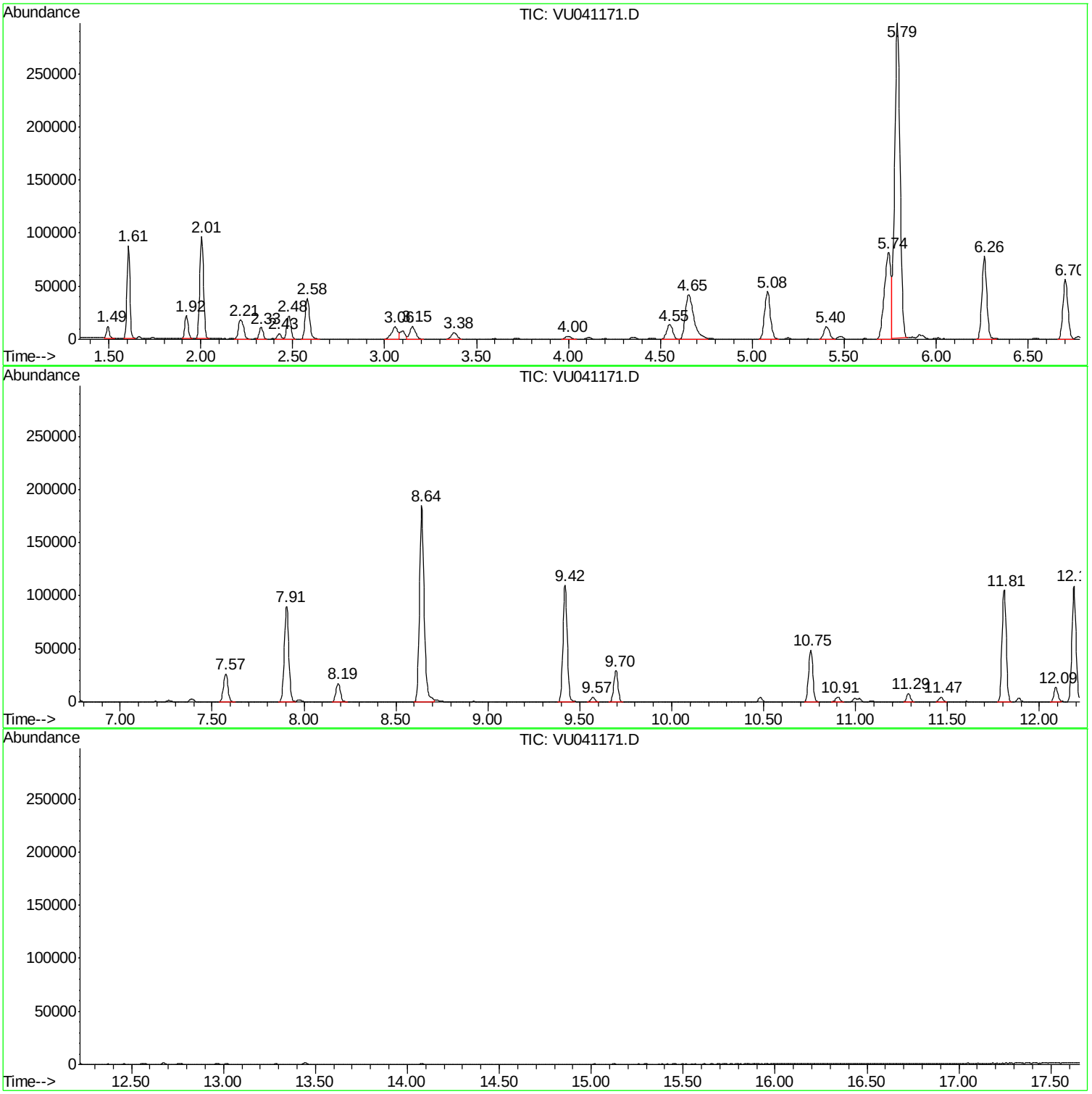
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.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\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

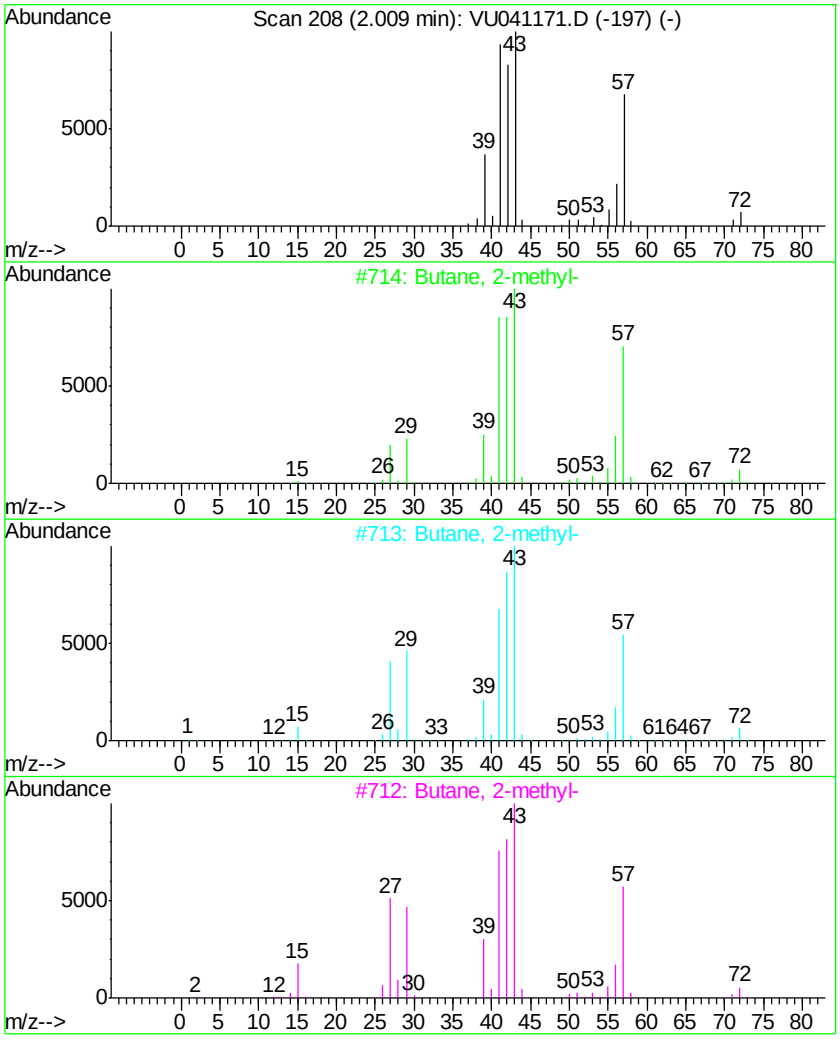
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

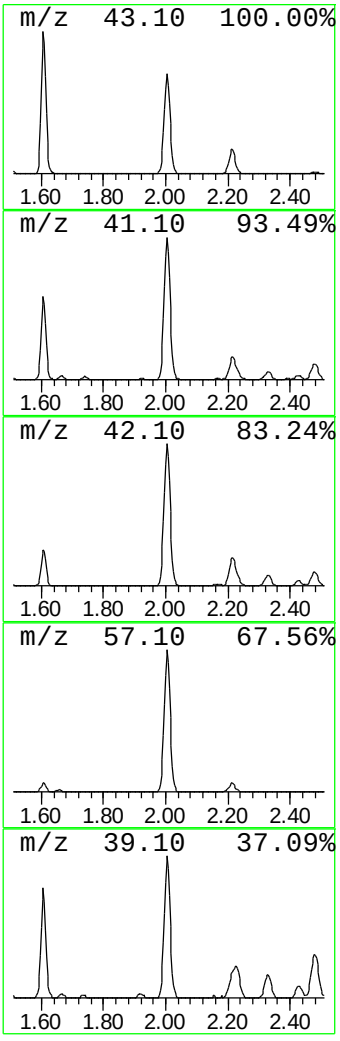
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	4.57 ug/L	132811	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

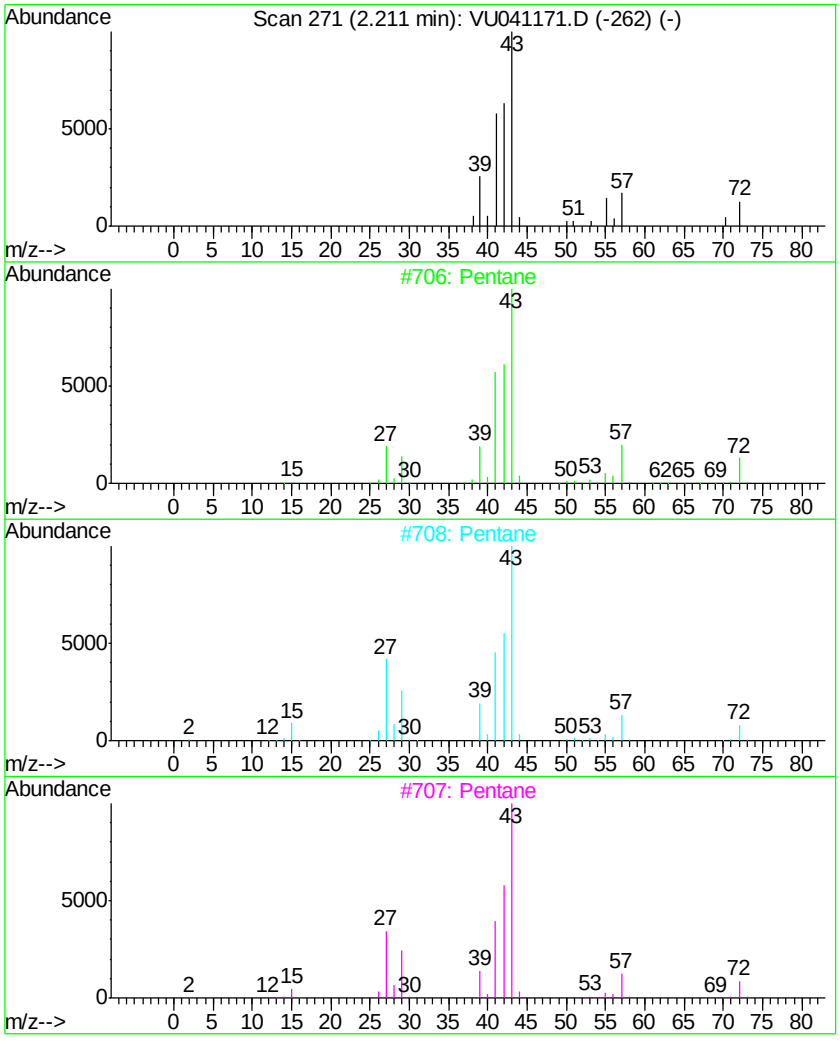
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

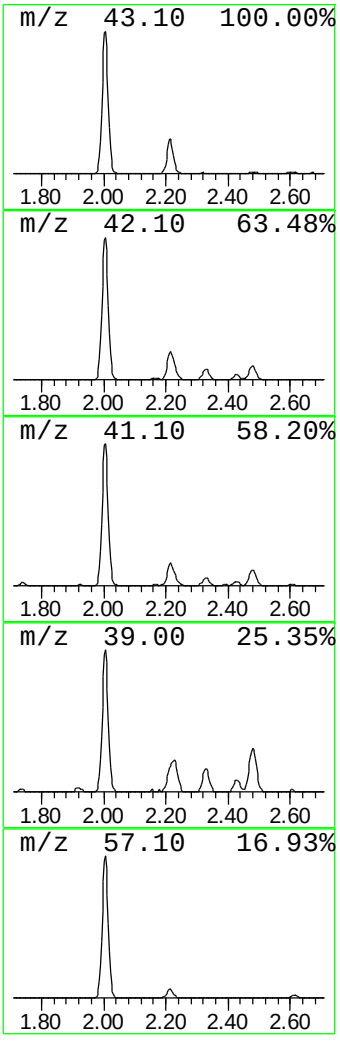
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	1.20 ug/L	34913	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	59
5	Butane, 2-methyl-	72	C5H12	000078-78-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

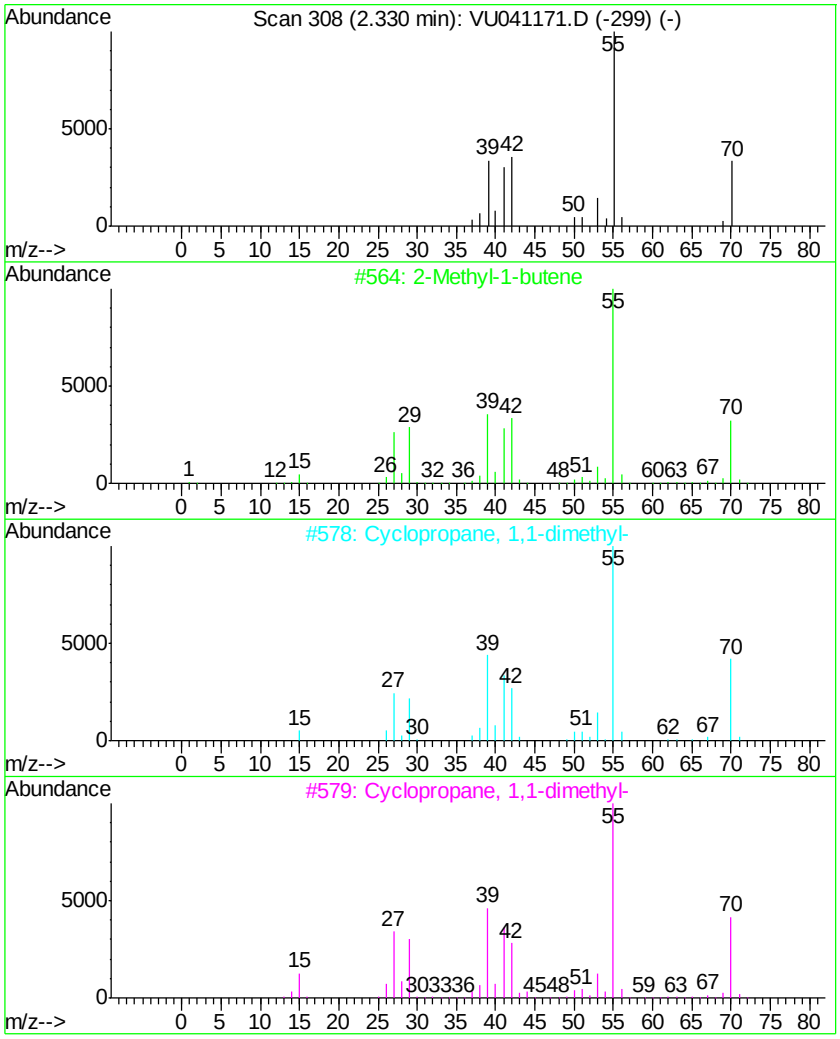
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

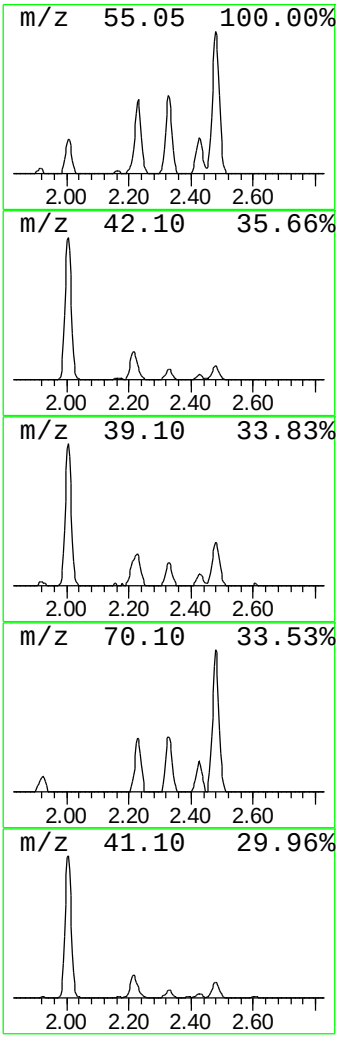
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	0.53 ug/L	15528	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	86
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

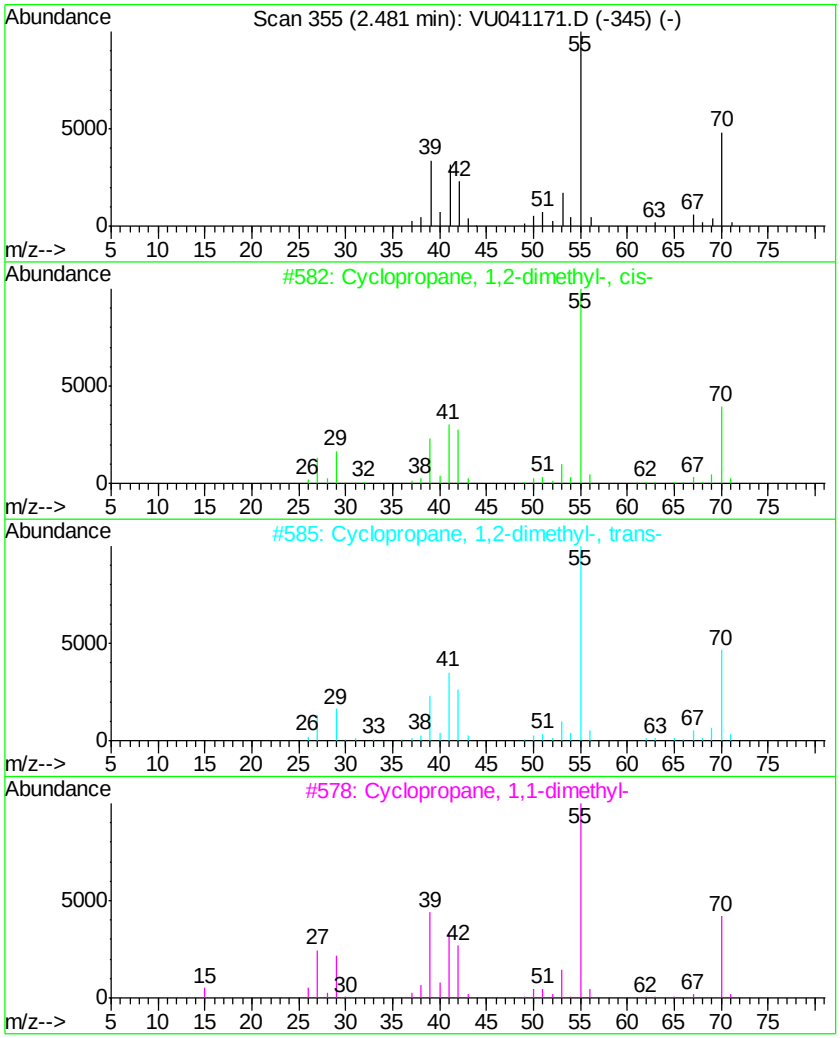
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

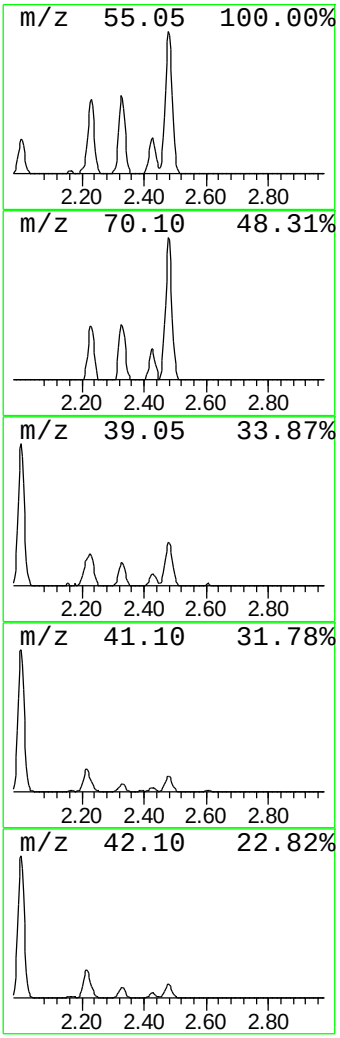
****

Peak Number 4 (DEL) Alkane: Cyclic2.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	1.15 ug/L	33513	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	78
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

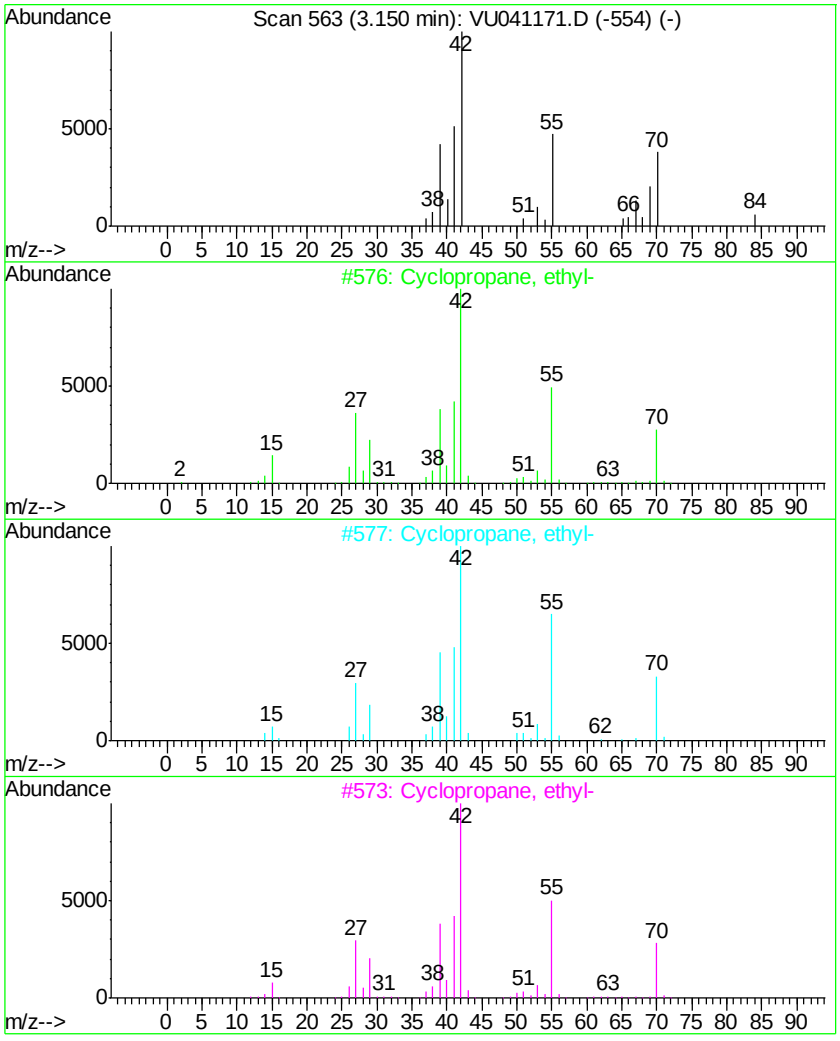
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

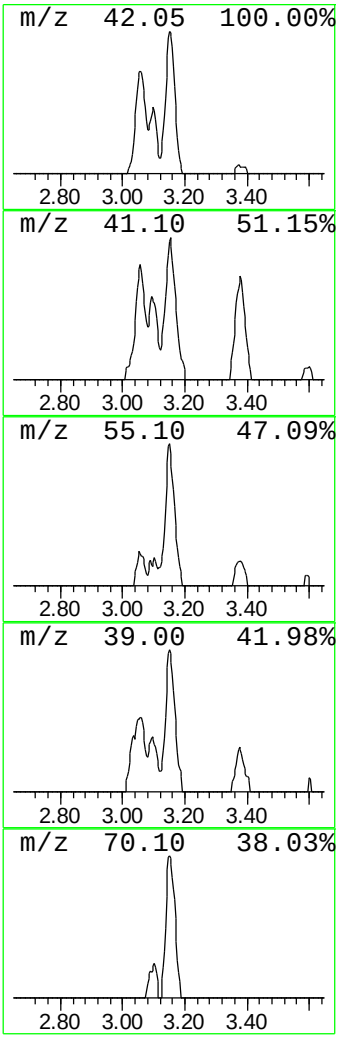
****

Peak Number 5 (DEL) Alkane: Cyclic3.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	0.90 ug/L	26260	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	52
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	50
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

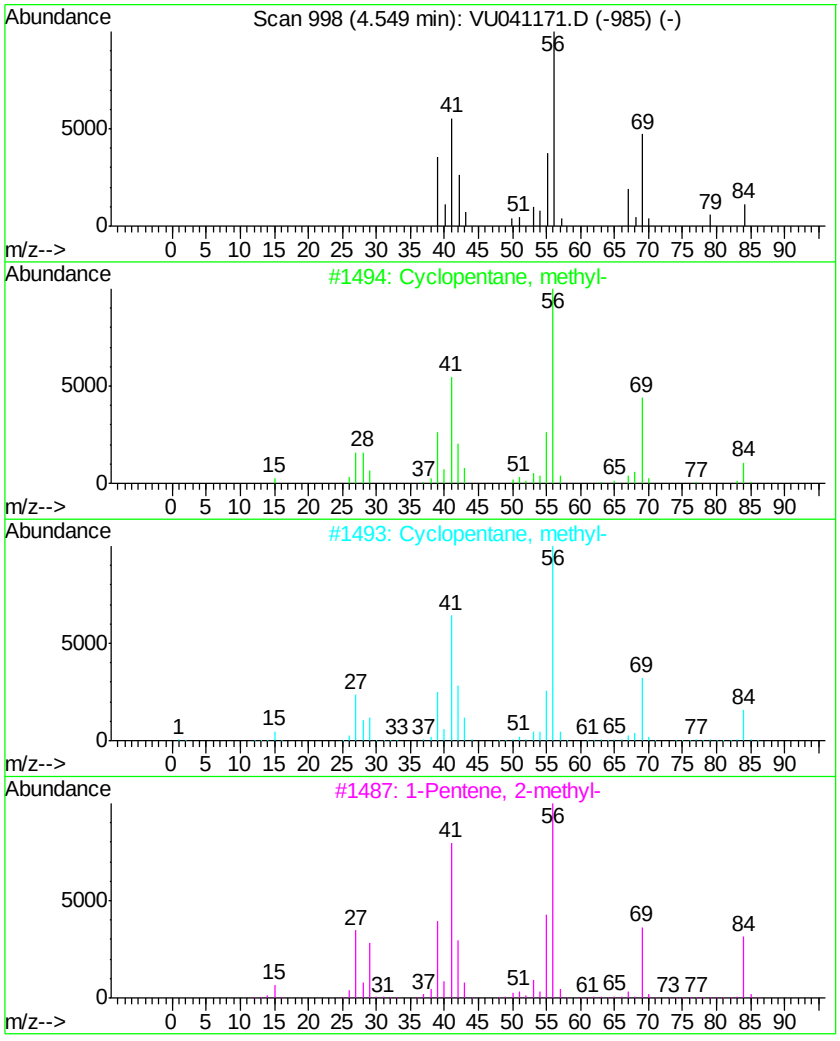
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

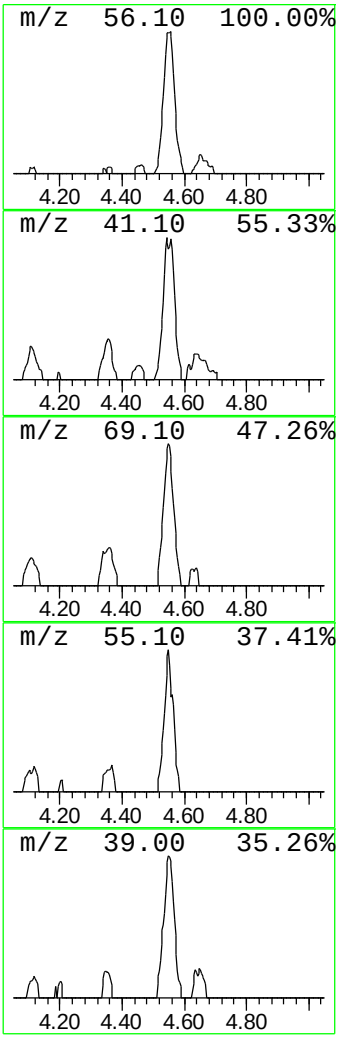
****

Peak Number 6 (DEL) Alkane: Cyclic4.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	1.11 ug/L	32333	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	53
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

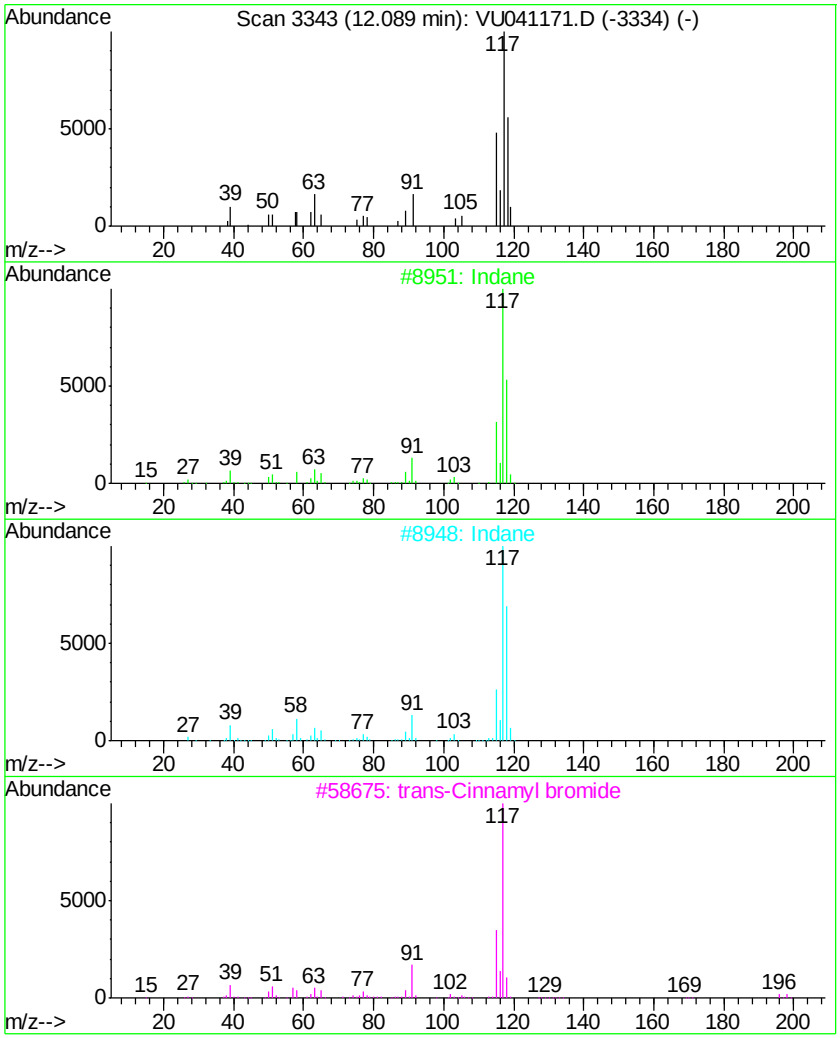
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

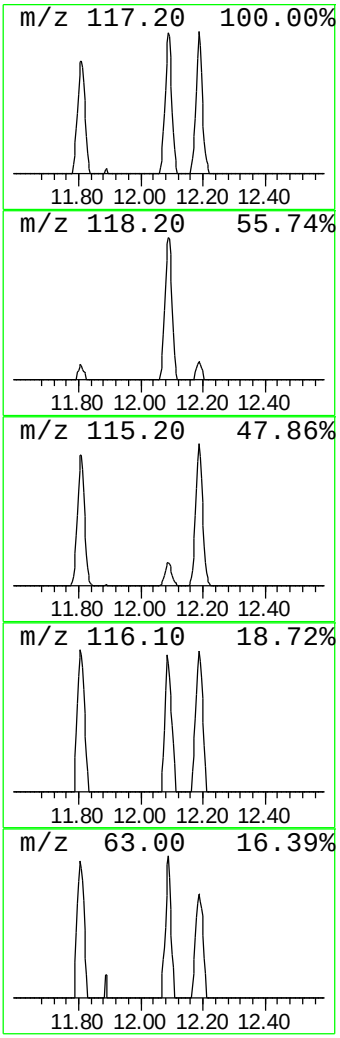
****

Peak Number 8 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	0.61 ug/L	20303	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	Indane	118	C9H10	000496-11-7	59
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	53
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041171.D
Acq On : 10 Nov 2020 12:27
Operator : SY/MD
Sample : L4646-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.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...	2.01	4.6	ug/L	132811	1	6.26	145340	5.0
(DEL) Alkane: Str...	2.21	1.2	ug/L	34913	1	6.26	145340	5.0
(DEL) Alkane: Str...	2.33	0.5	ug/L	15528	1	6.26	145340	5.0
(DEL) Alkane: Cyc...	2.48	1.1	ug/L	33513	1	6.26	145340	5.0
(DEL) Alkane: Cyc...	3.15	0.9	ug/L	26260	1	6.26	145340	5.0
(DEL) Alkane: Cyc...	4.55	1.1	ug/L	32333	1	6.26	145340	5.0
Indane	12.09	0.6	ug/L	20303	3	11.81	165774	5.0