LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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	42	48	58	rVB	21650	21355	1.31%	0.398%
2	1.607	73	83	94	rBV2	146488	158470	9.69%	2.953%
3	1.922	171	181	192	rBV	23782	31905	1.95%	0.594%
4	2.006	196	207	221	rVB	202151	276089	16.88%	5.144%
5	2.218	262	273	287	rVB3	53177	106640	6.52%	1.987%
6	2.330	297	308	323	rBV	43768	64549	3.95%	1.203%
7	2.427	323	338	345	rVV	24276	36985	2.26%	0.689%
8	2.478	345	354	373	rVB	74580	117786	7.20%	2.195%
9	2.578	373	385	405	rBV2	43721	76153	4.65%	1.419%
10	3.054	513	533	541	rBV7	24863	69931	4.27%	1.303%
11	3.153	555	564	588	rVB3	31147	69656	4.26%	1.298%
12	3.378	619	634	650	rBV2	17278	37327	2.28%	0.696%
13	3.999	816	827	844	rVB3	7630	17259	1.05%	0.322%
14	4.552	983	999	1014	rBV3	36806	88853	5.43%	1.656%
15	4.655	1014	1031	1069	rVV	56281	188625	11.53%	3.515%
16	5.083	1149	1164	1181	rBV	50760	109913	6.72%	2.048%
17	5.404	1249	1264	1277	rBV3	31509	69283	4.24%	1.291%
18	5.478	1277	1287	1300	rVB6	9747	22201	1.36%	0.414%
19	5.742	1349	1369	1372	rBV3	94040	210559	12.87%	3.923%
20	5.790	1373	1384	1400	rVB	807228	1635954	100.00%	30.482%
21	5.909	1414	1421	1436	rVB5	13102	32849	2.01%	0.612%
22	6.263	1516	1531	1555	rBV	90202	173797	10.62%	3.238%
23	6.703	1652	1668	1681	rBV2	64169	124690	7.62%	2.323%
24	7.391	1870	1882	1900	rBV6	10313	22544	1.38%	0.420%
25	7.574	1926	1939	1951	rBV2	29180	49949	3.05%	0.931%
26	7.906	2028	2042	2054	rBV	99440	168931	10.33%	3.148%
27	8.185	2118	2129	2148	rBV2	18531	30923	1.89%	0.576%
28	8.639	2258	2270	2315	rBV	205180	364489	22.28%	6.791%
29	9.420	2501	2513	2530	rBV	107807	176434	10.78%	3.287%
30	9.571	2550	2560	2573	rVB	11889	18573	1.14%	0.346%
31	9.697	2586	2599	2617	rBV	123419	203225	12.42%	3.787%
32	10.754	2917	2928	2940	rBV	47627	75556	4.62%	1.408%
33	10.902	2962	2974	2985	rBV	13359	20160	1.23%	0.376%
34	10.996	2990	3003	3021	rBV	19653	43128	2.64%	0.804%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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	11.288	3084	3094	3105	rBV2	23527	34601	2.12%	0.645%
36	11.806	3243	3255	3270	rVB	109167	173663	10.62%	3.236%
37	11.889	3270	3281	3291	rBV2	15295	22651	1.38%	0.422%
38	12.089	3333	3343	3359	rBV2	31088	48670	2.98%	0.907%
39	12.185	3361	3373	3389	rVB	106654	172598	10.55%	3.216%

Sum of corrected areas: 5366924

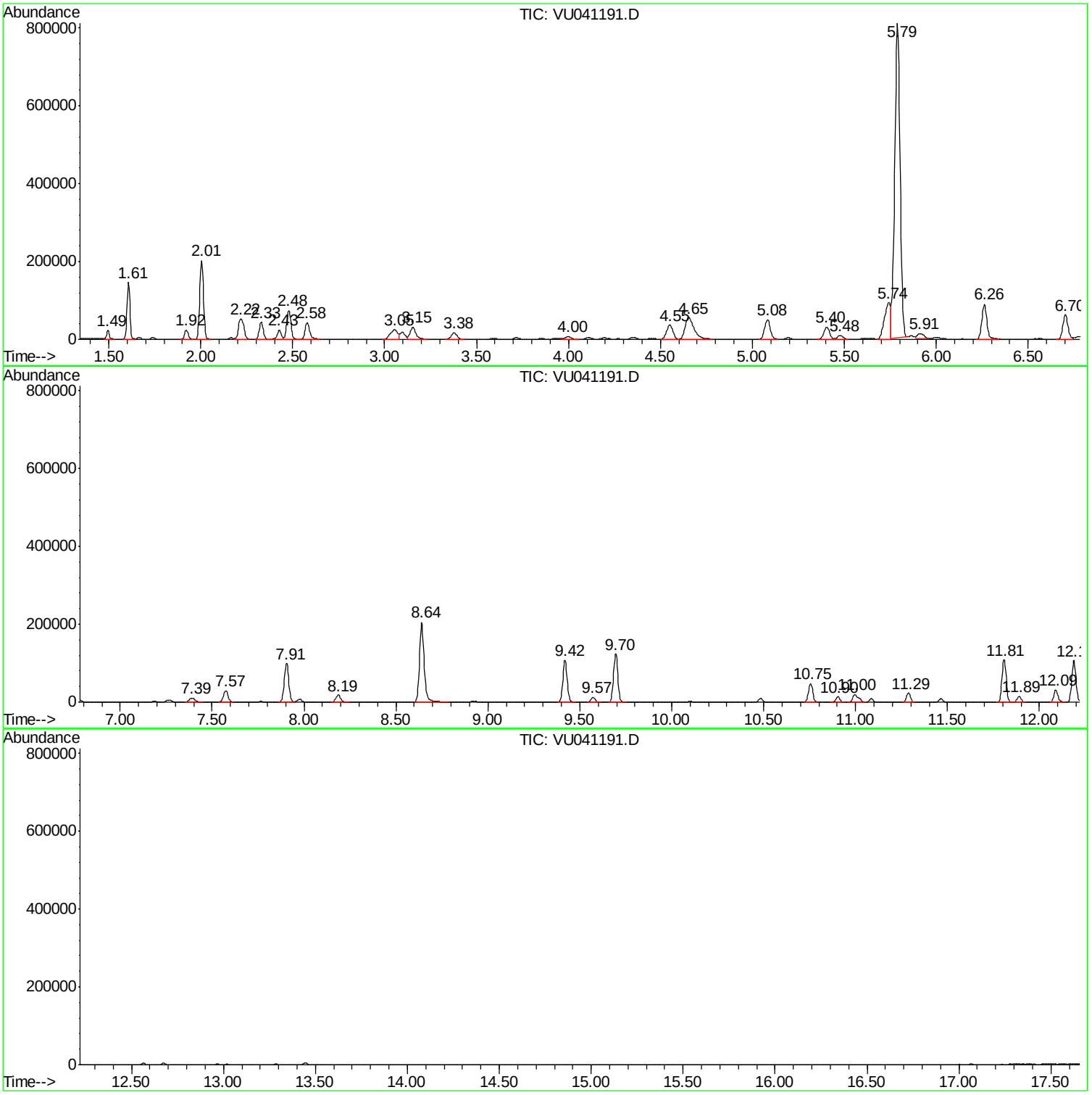
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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 : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

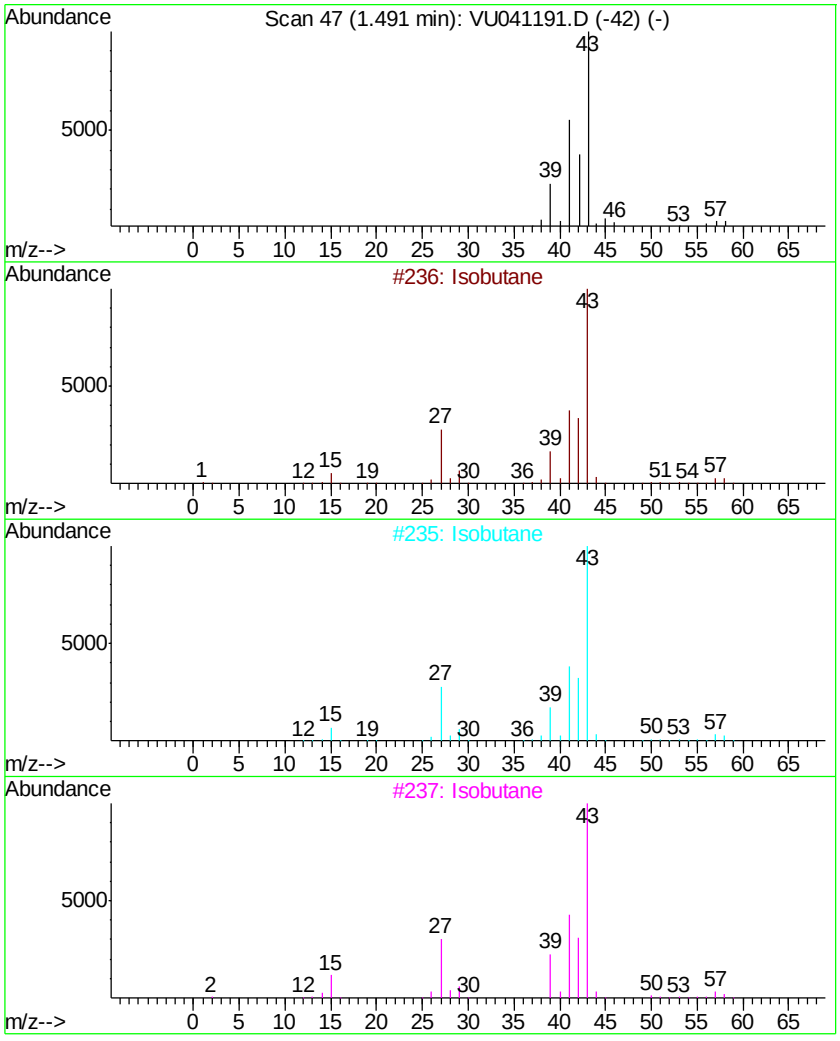
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

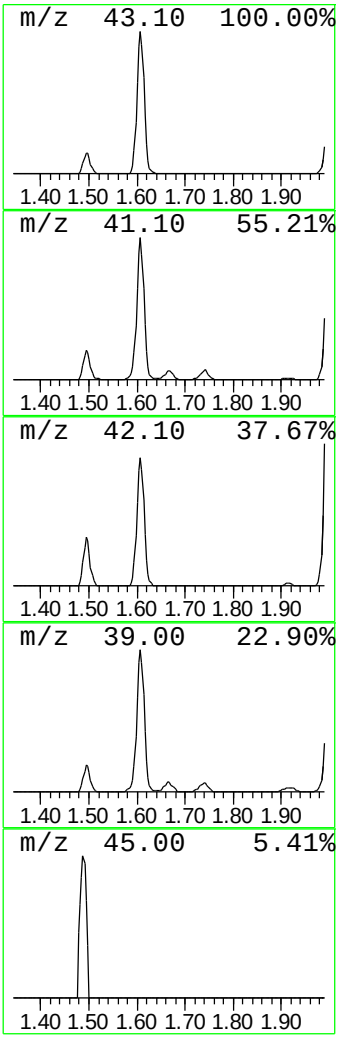
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	0.61 ug/L	21355	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	50
4	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
5	Propene	42	C3H6	000115-07-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

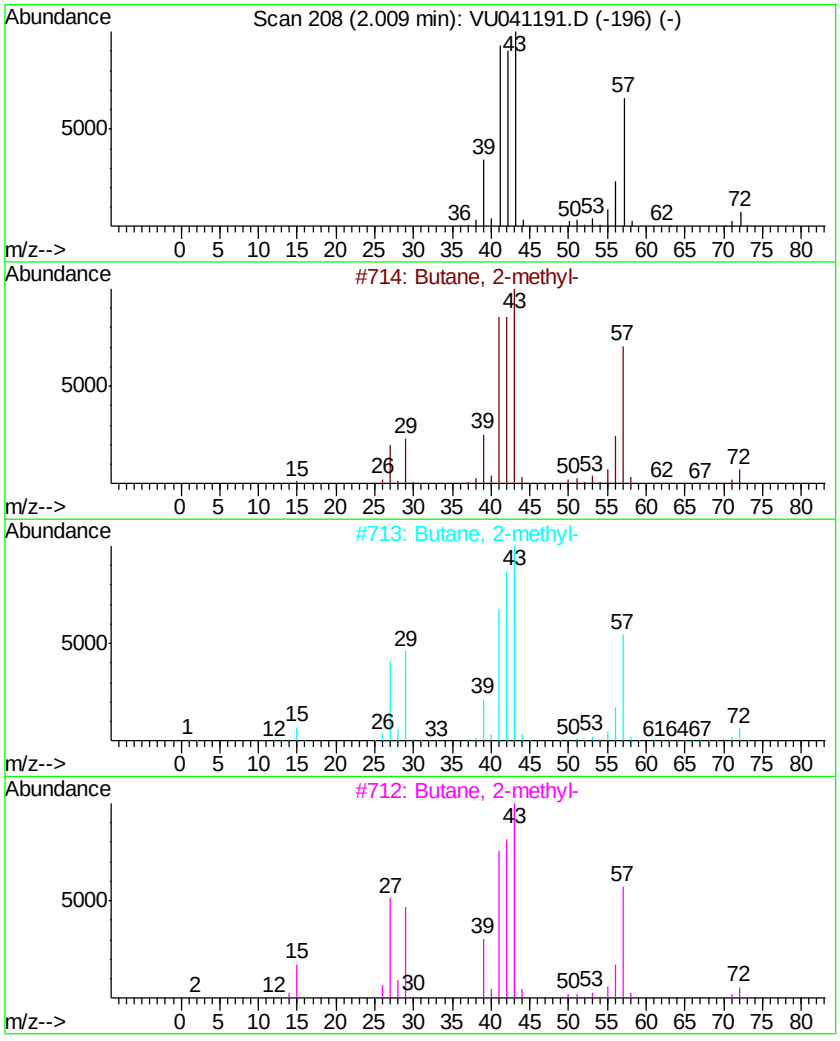
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

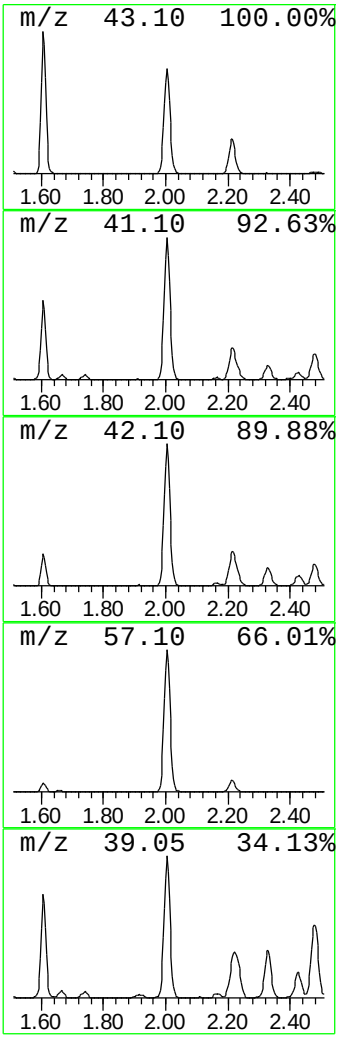
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	7.94 ug/L	276089	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
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	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

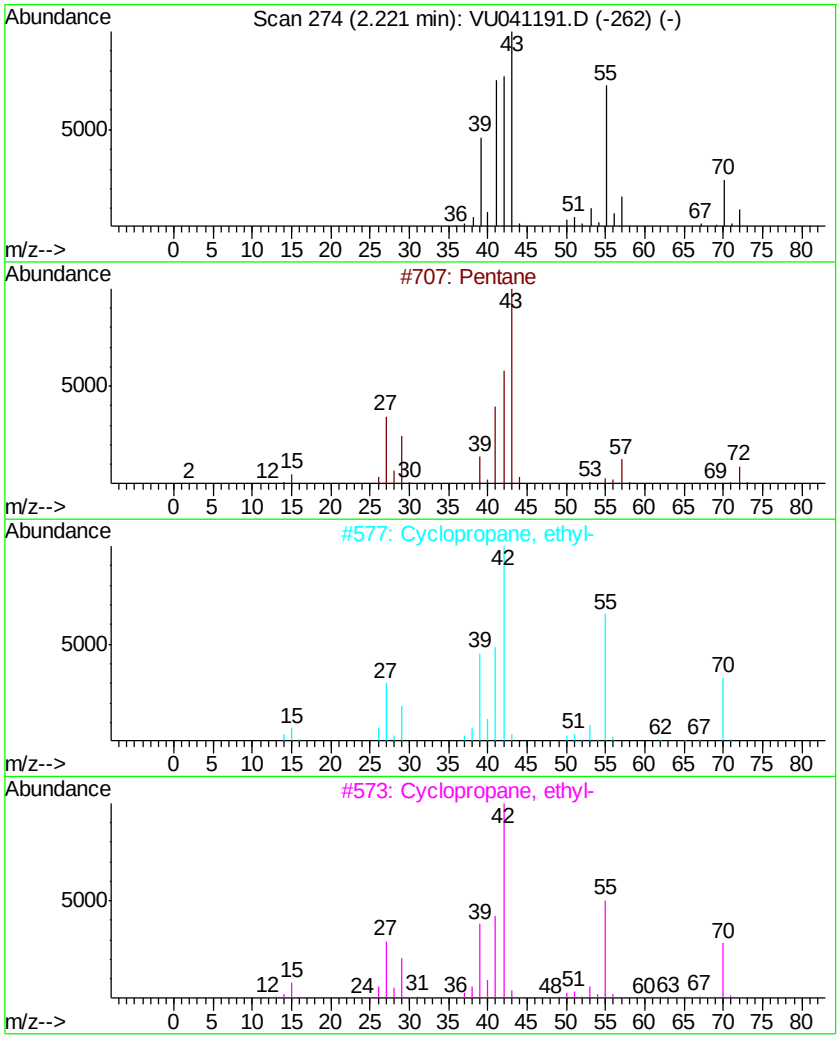
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

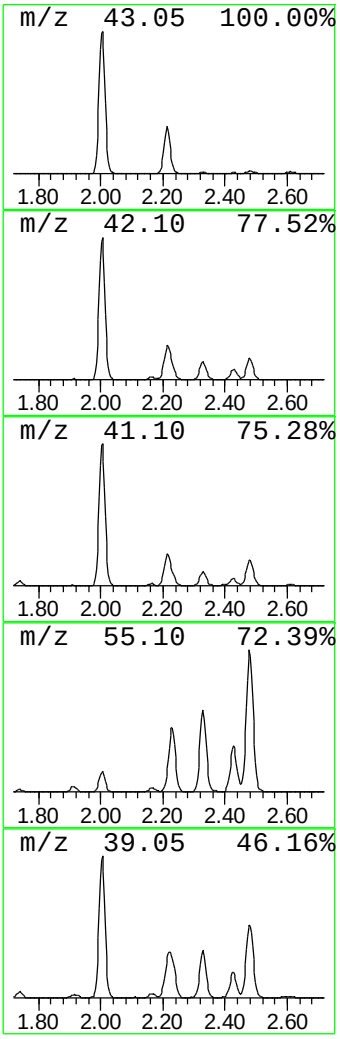
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.07 ug/L	106640	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	53
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	47
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	46
4	Pentane	72	C5H12	000109-66-0	45
5	1-Pentene	70	C5H10	000109-67-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

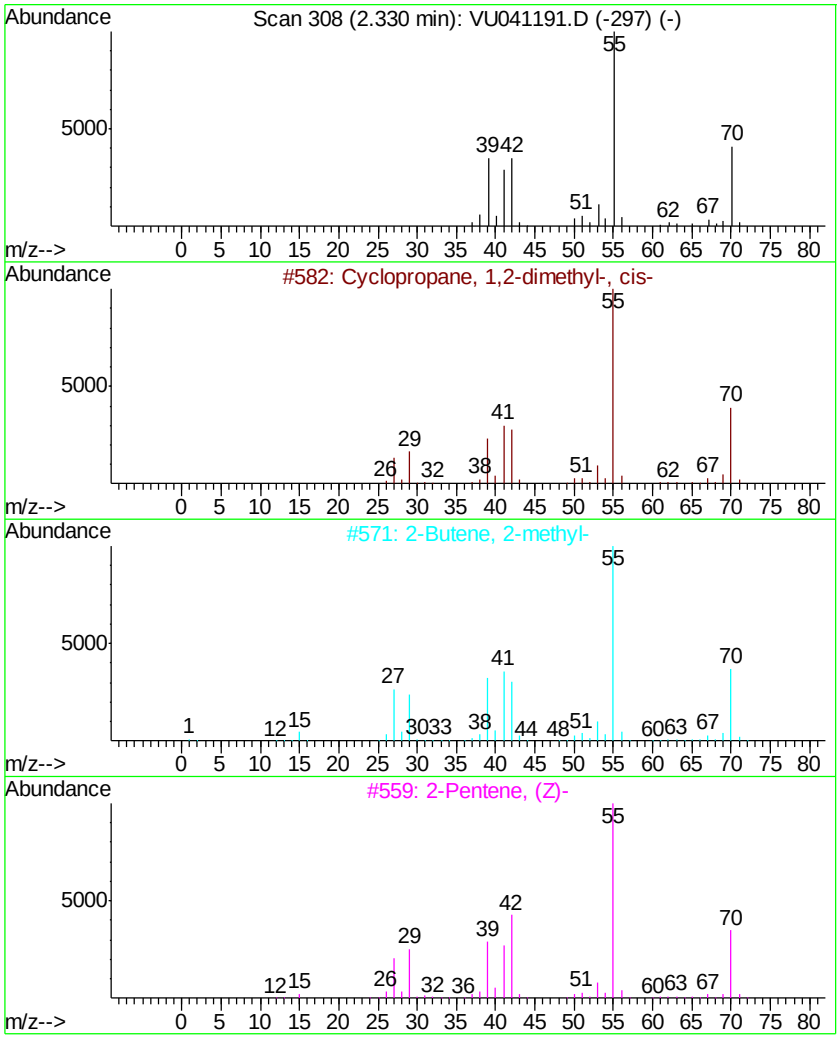
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

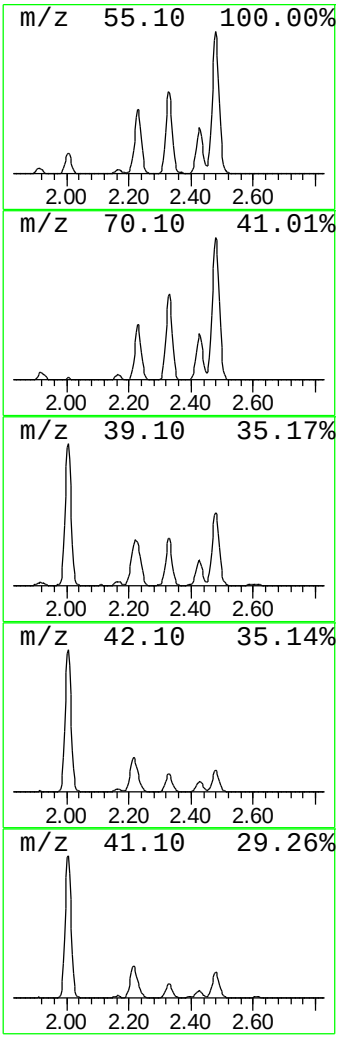
****

Peak Number 4 (DEL) Alkane: Cyclic2.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	1.86 ug/L	64549	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	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Pentene, (E)-	70	C5H10	000646-04-8	90
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

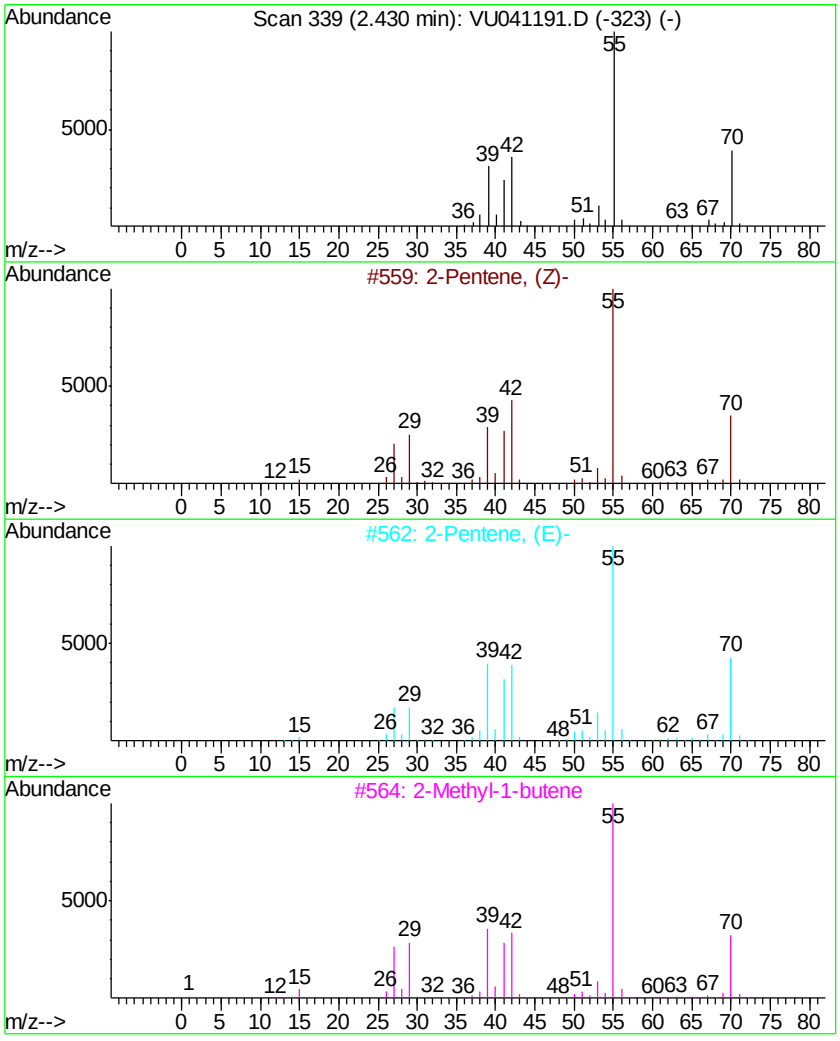
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

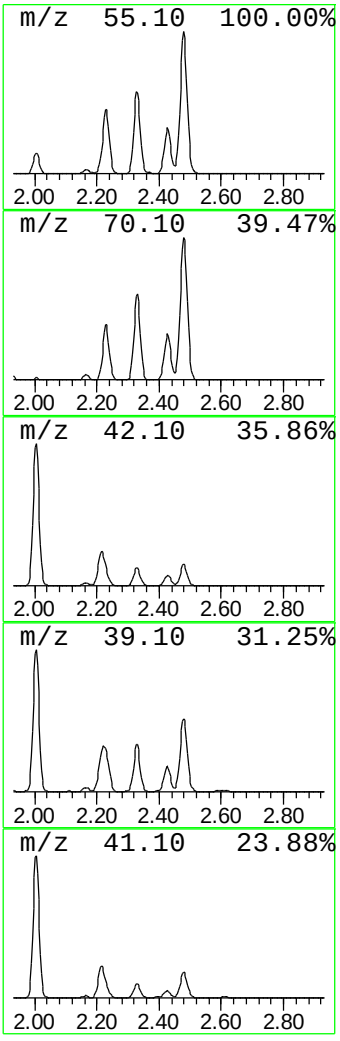
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	1.06 ug/L	36985	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	91
3	2-Methyl-1-butene	70	C5H10	000563-46-2	91
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
5	2-Pentene, (E)-	70	C5H10	000646-04-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

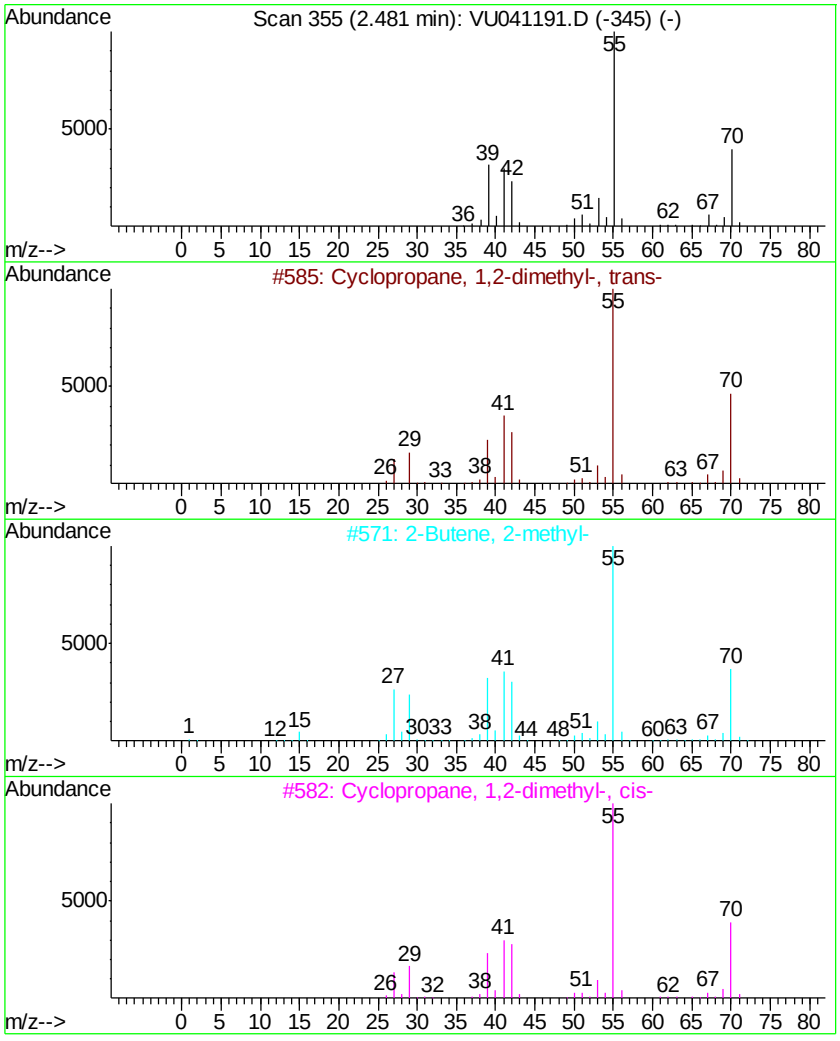
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

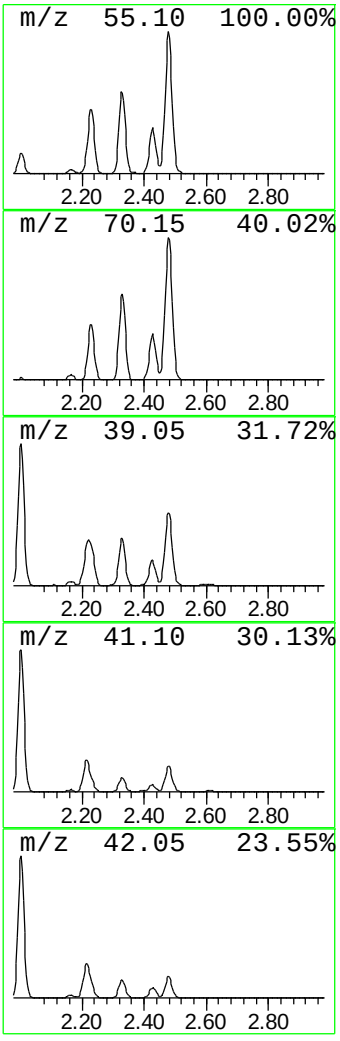
****

Peak Number 6 (DEL) Alkane: Cyclic2.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	3.39 ug/L	117786	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

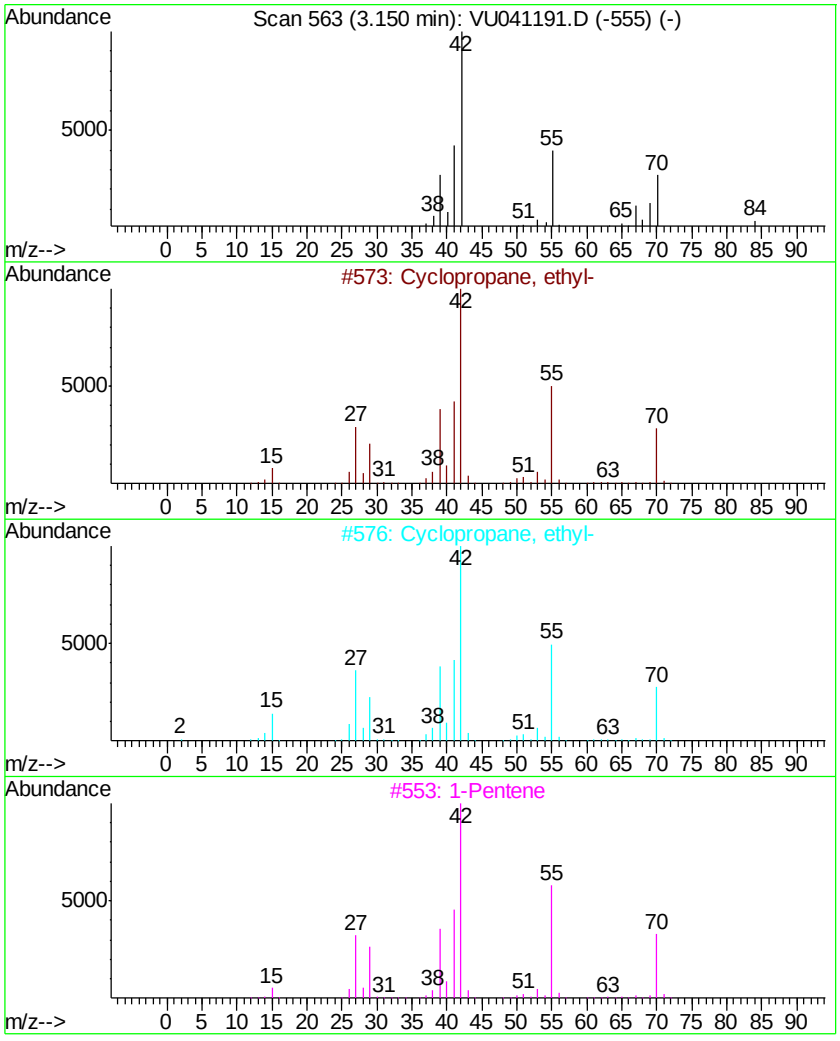
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

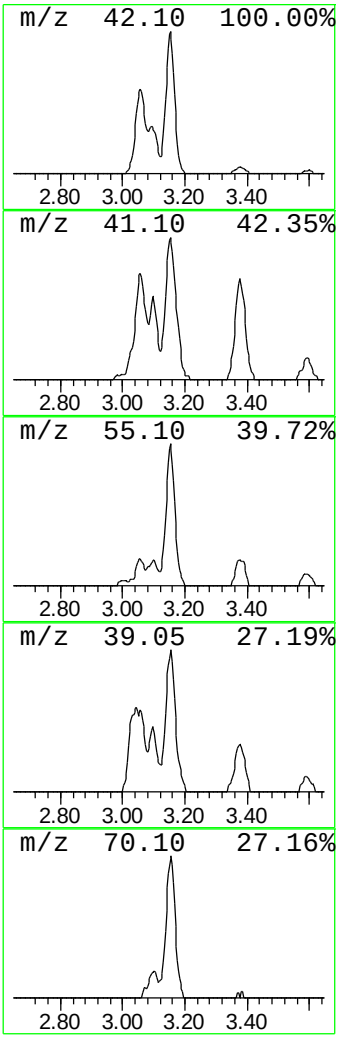
****

Peak Number 7 (DEL) Alkane: Cyclic3.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	2.00 ug/L	69656	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	1-Pentene	70	C5H10	000109-67-1	59
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	59
5	Cyclopentane	70	C5H10	000287-92-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

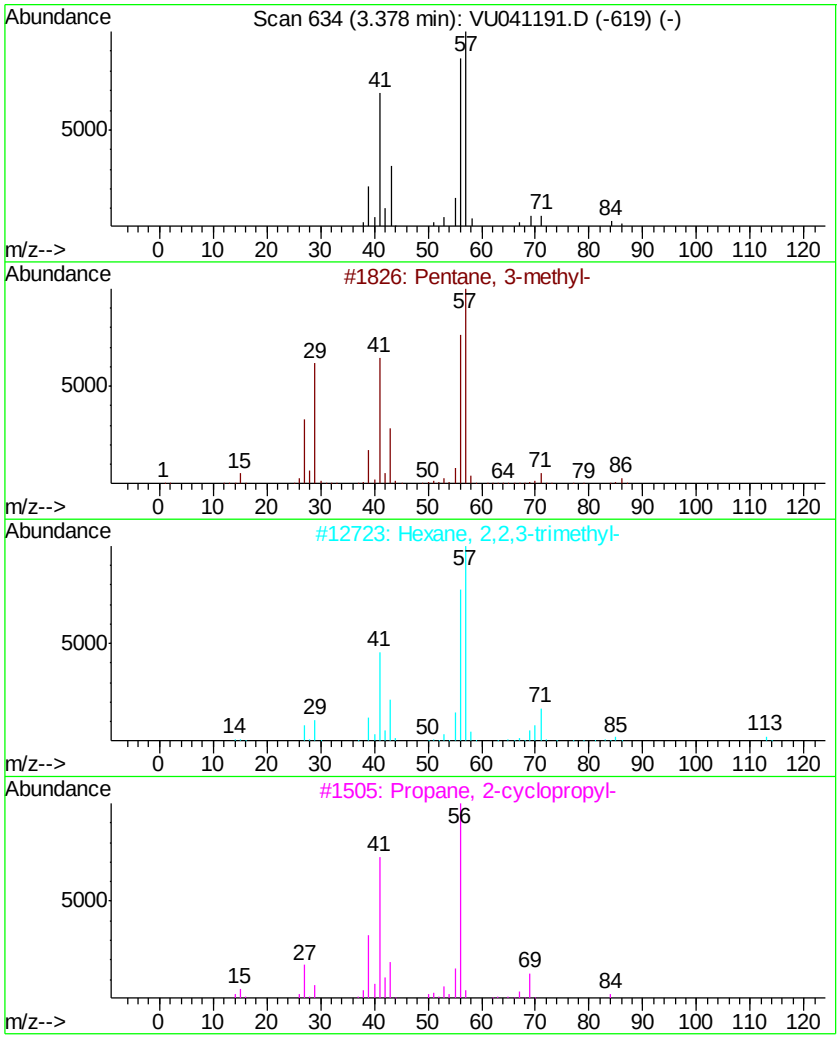
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

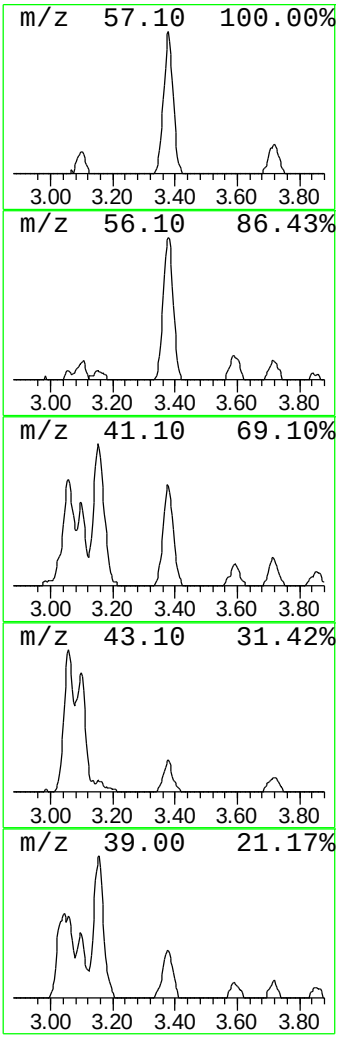
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.07 ug/L	37327	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	56
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

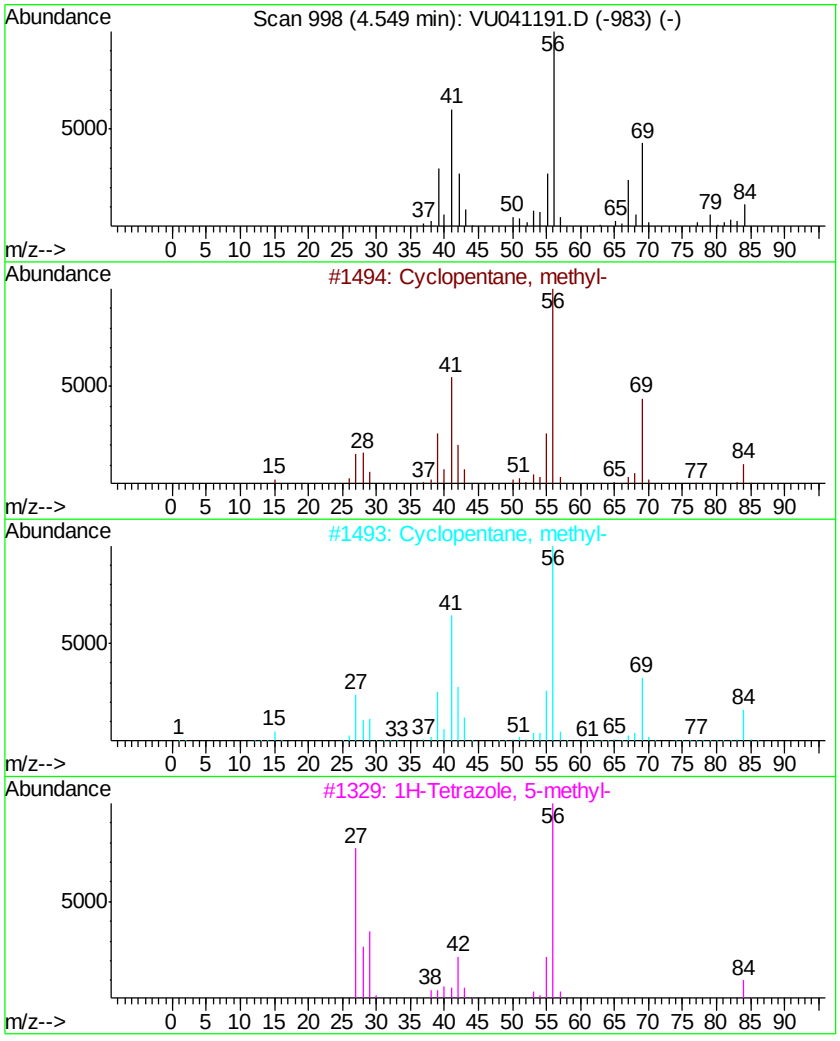
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

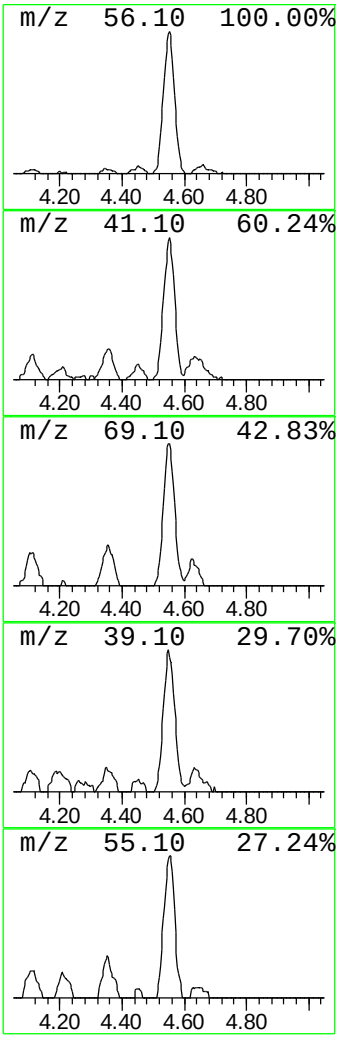
****

Peak Number 9 (DEL) Alkane: Cyclic4.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	2.56 ug/L	88853	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

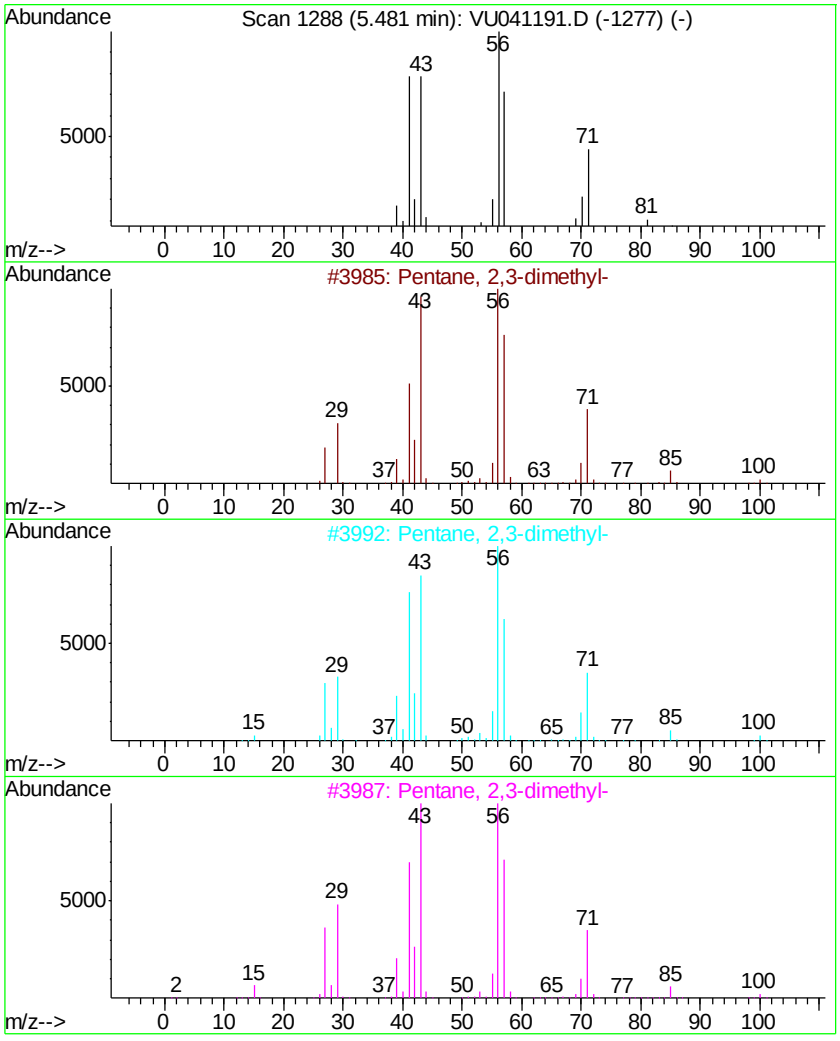
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

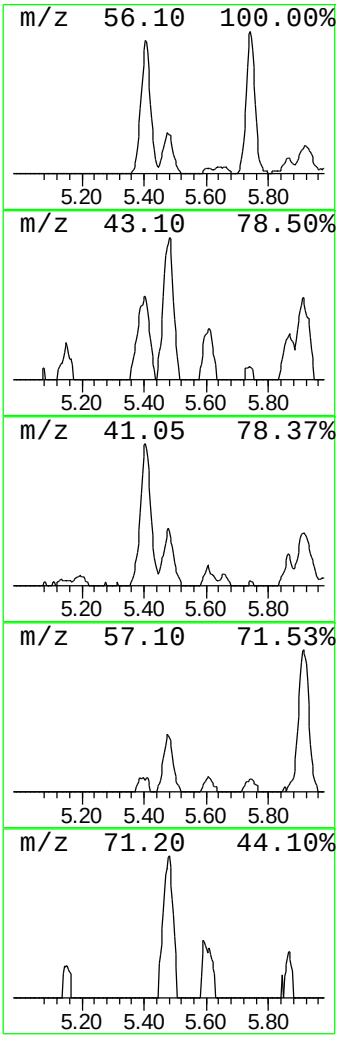
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	0.64 ug/L	22201	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	56
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	40
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	40





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

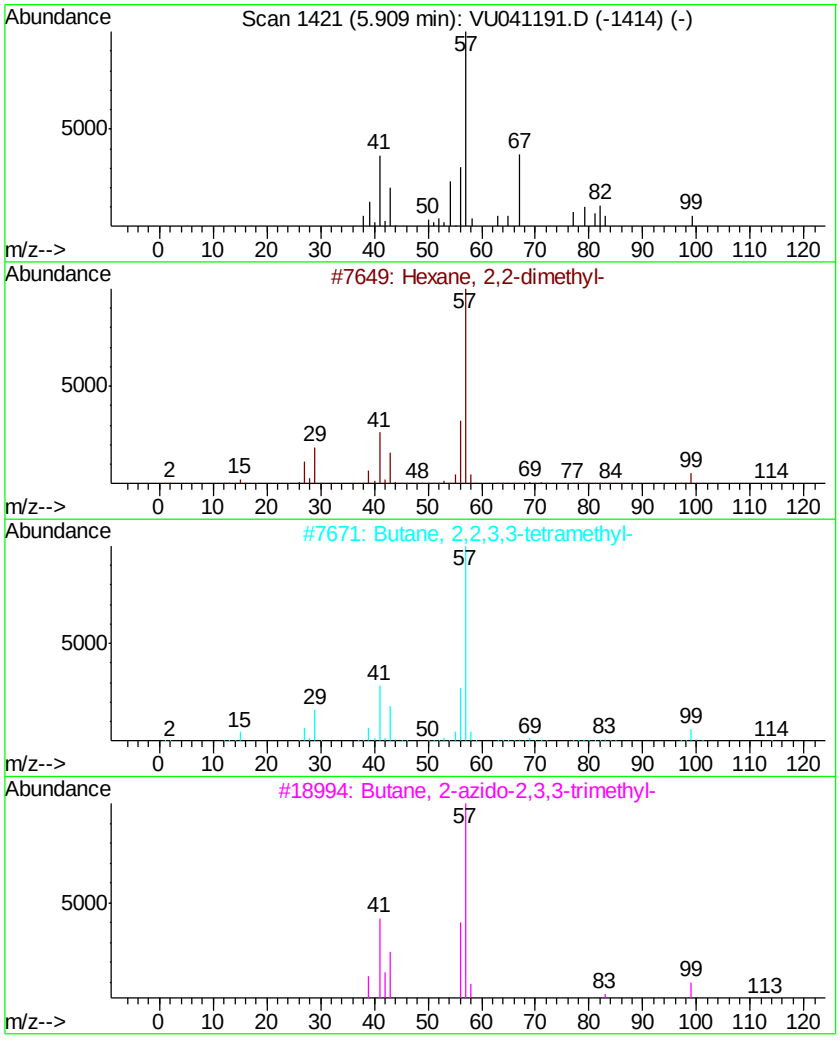
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

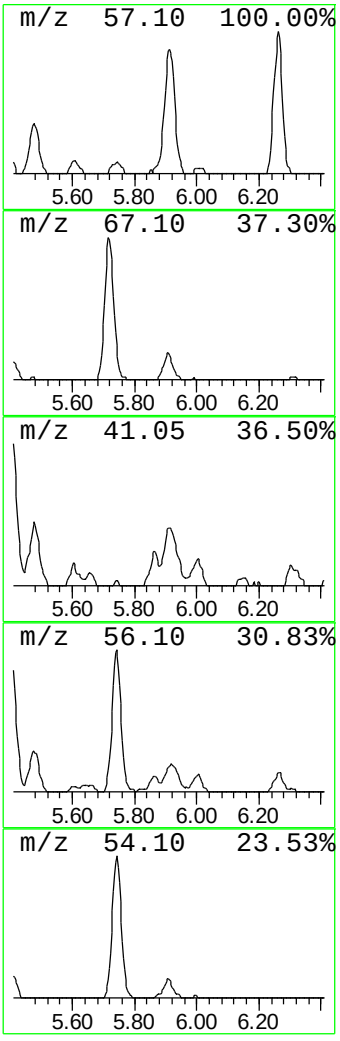
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	0.95 ug/L	32849	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	22
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	22
3	Butane, 2-azido-2,3,3-trimethyl-	141	C7H15N3	051677-41-9	16
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	12
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	10





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Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

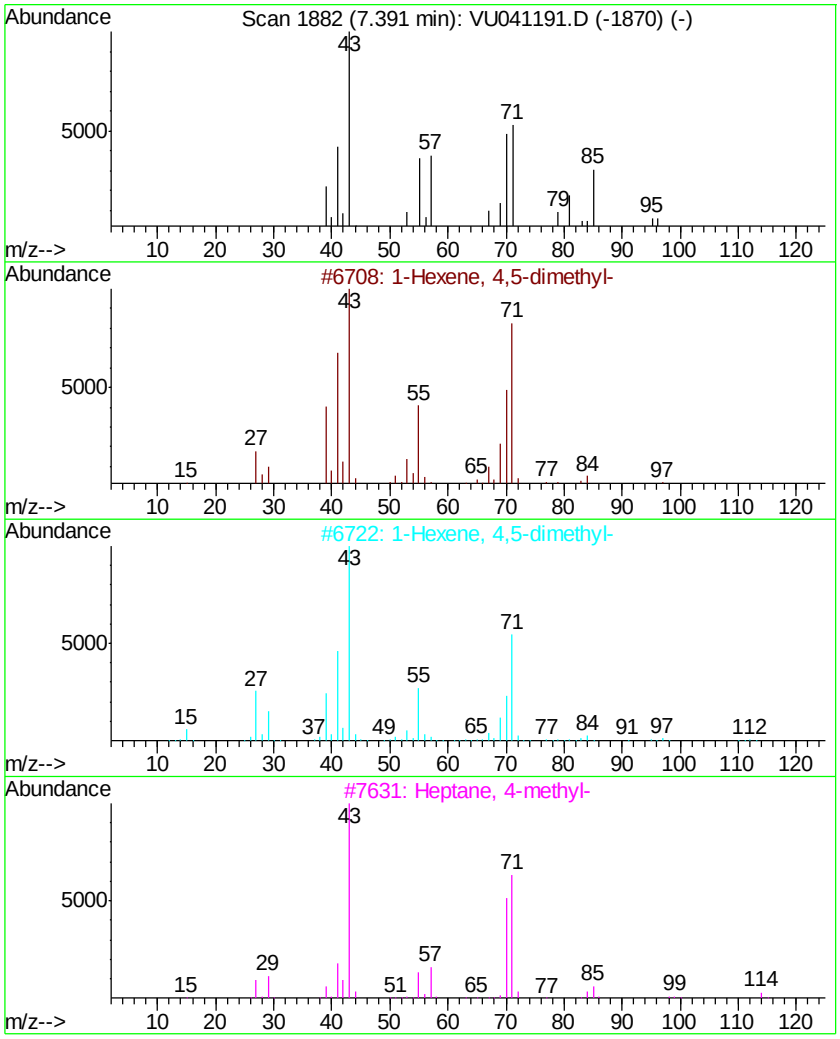
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

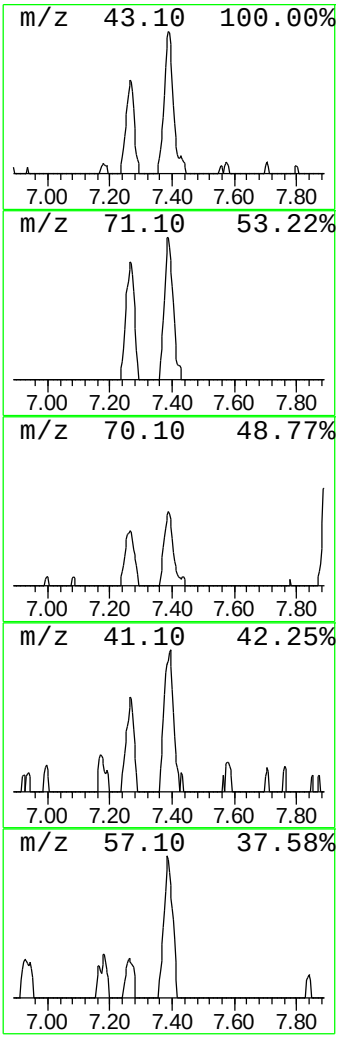
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	0.65 ug/L	22544	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	43
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	38
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	37
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	25
5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	23





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

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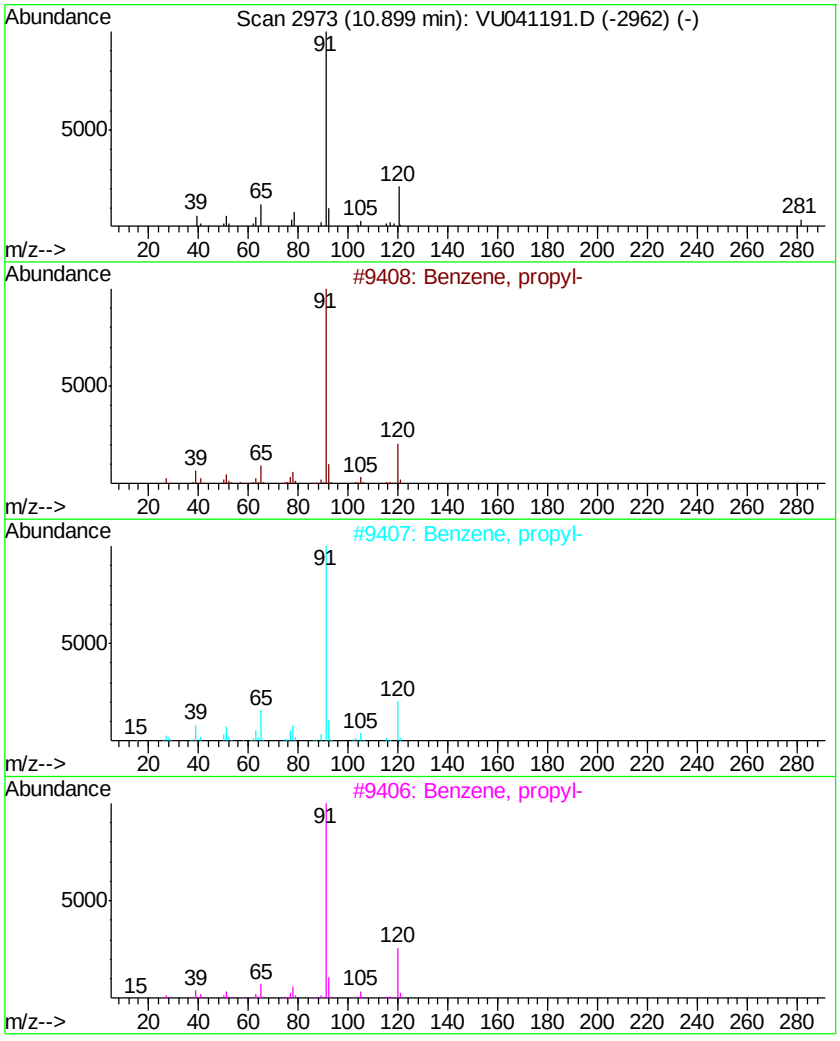
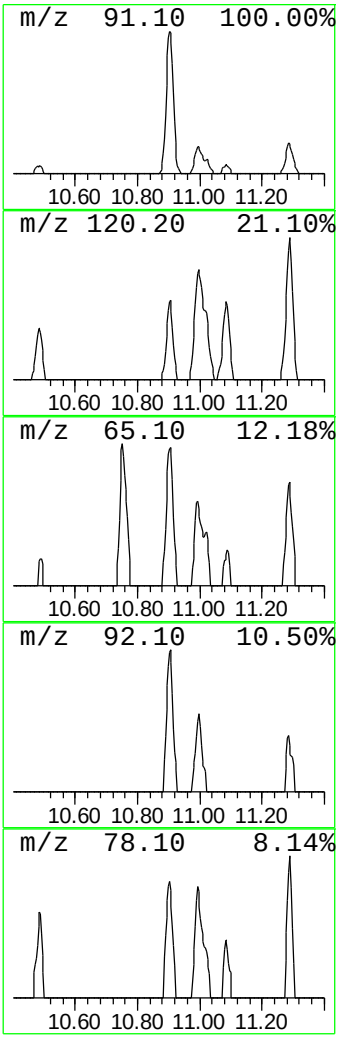
Peak Number 14 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	0.58 ug/L	20160	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

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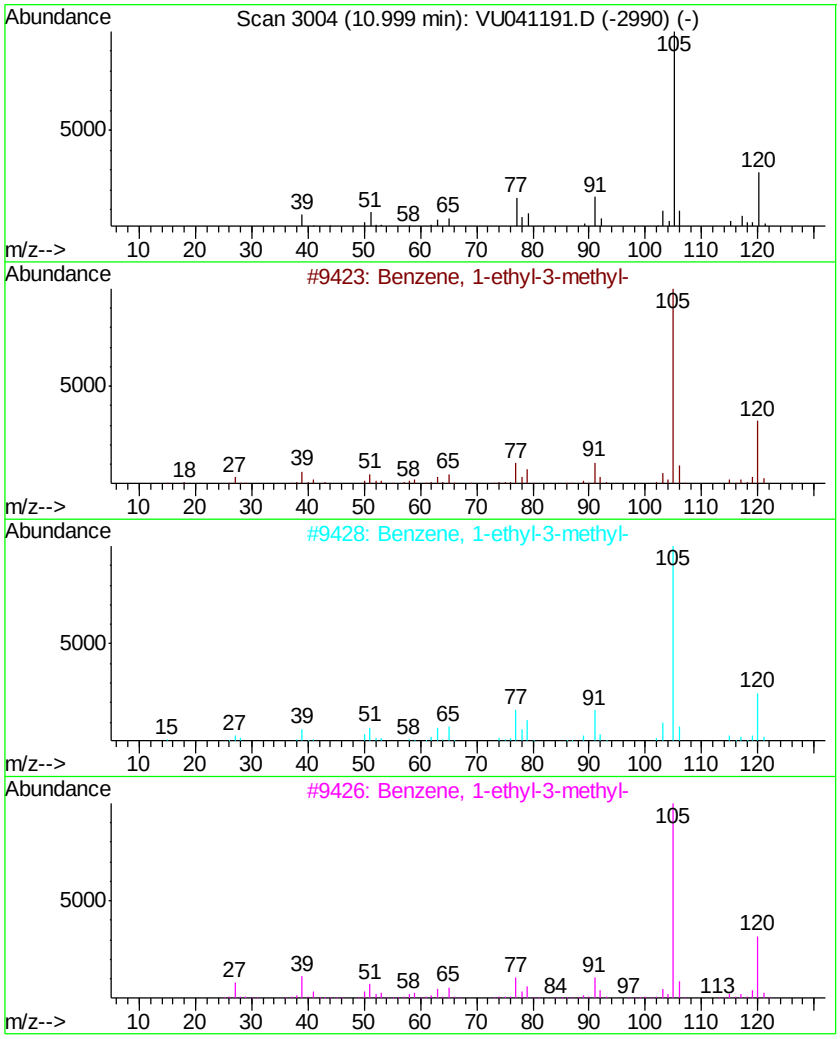
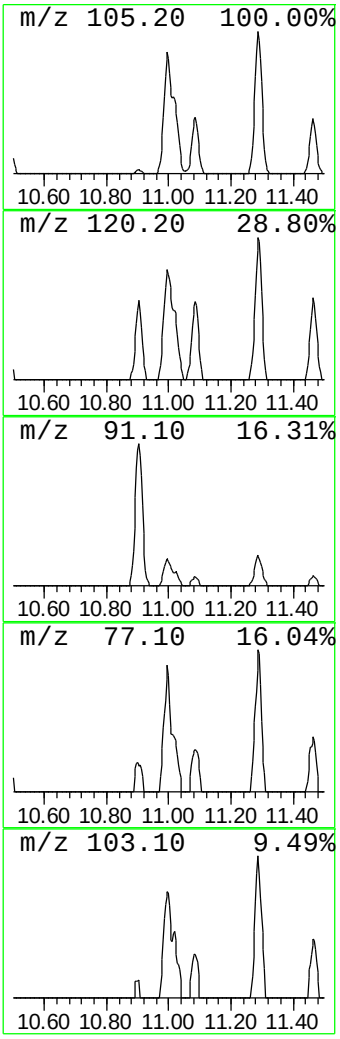
Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	1.24 ug/L	43128	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

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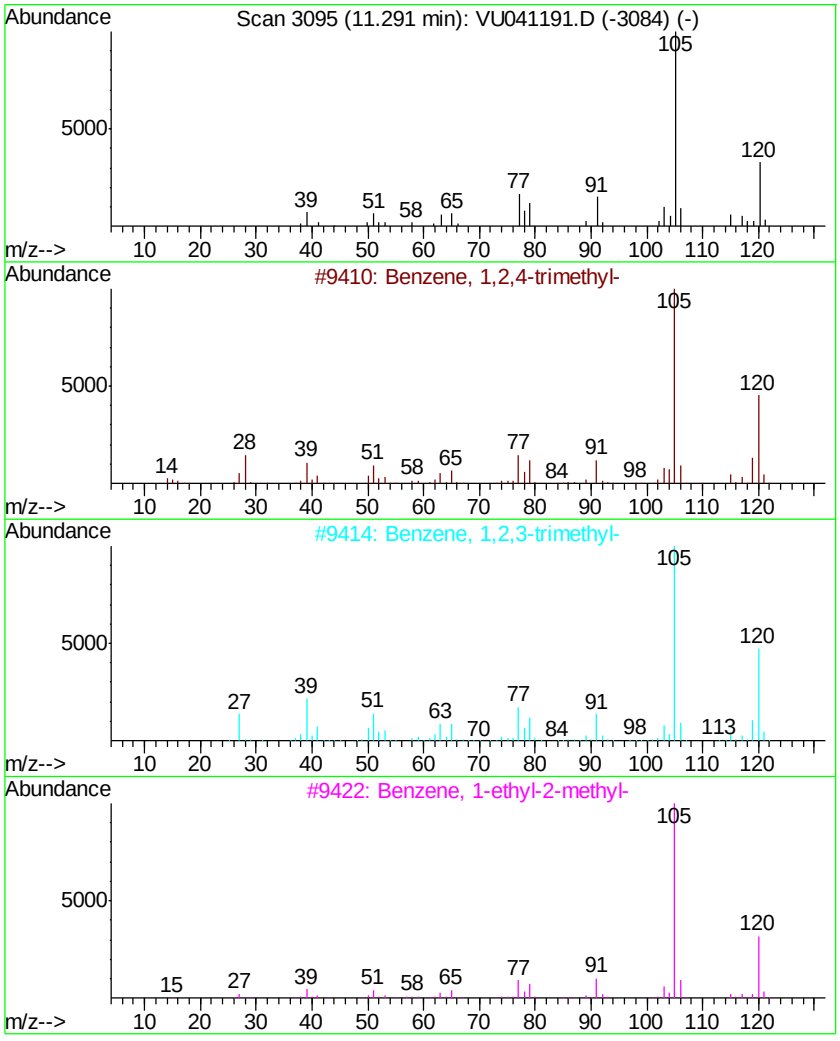
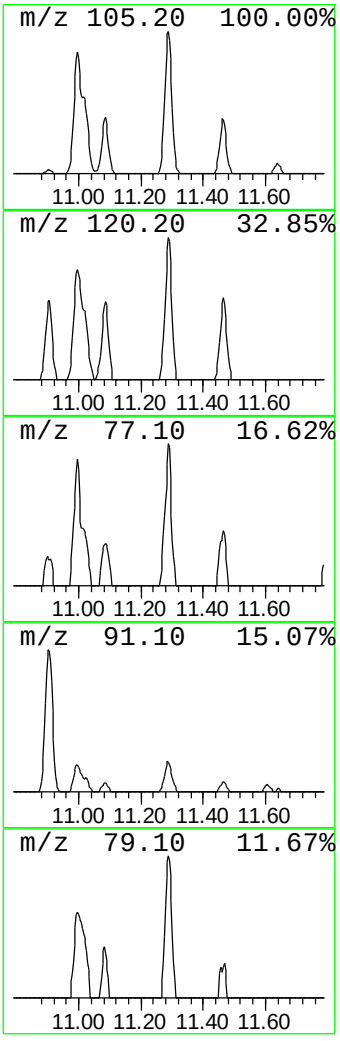
Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	1.00 ug/L	34601	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

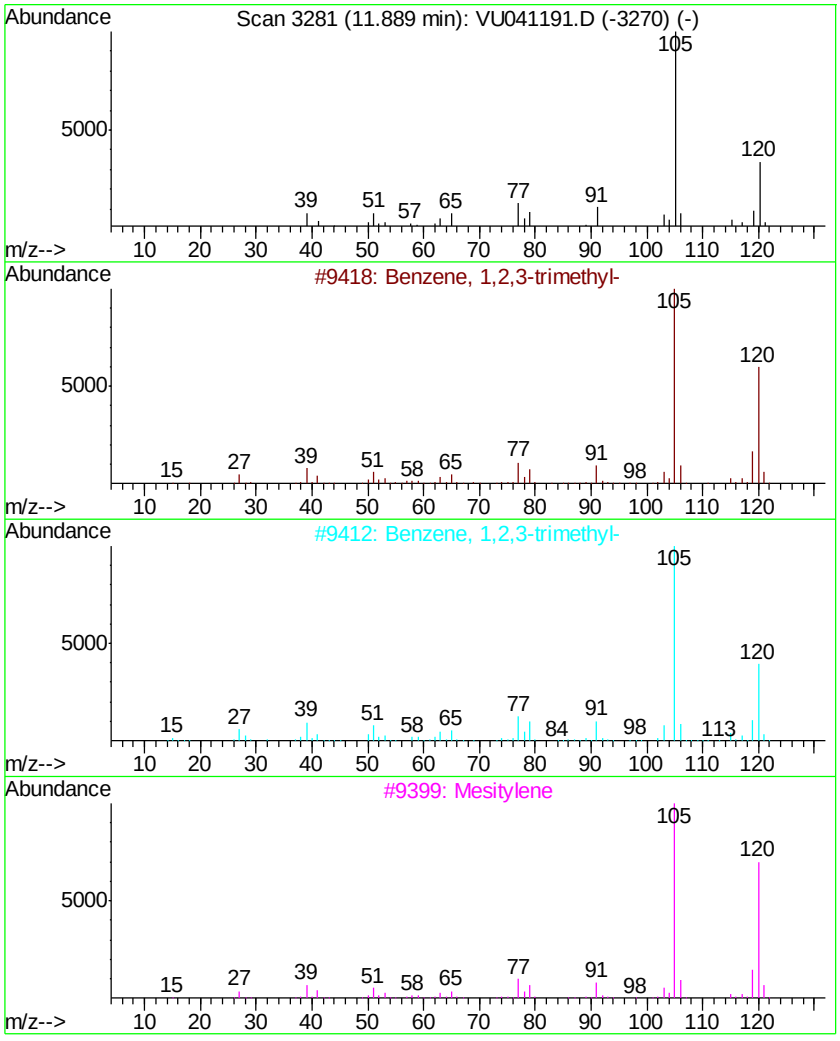
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

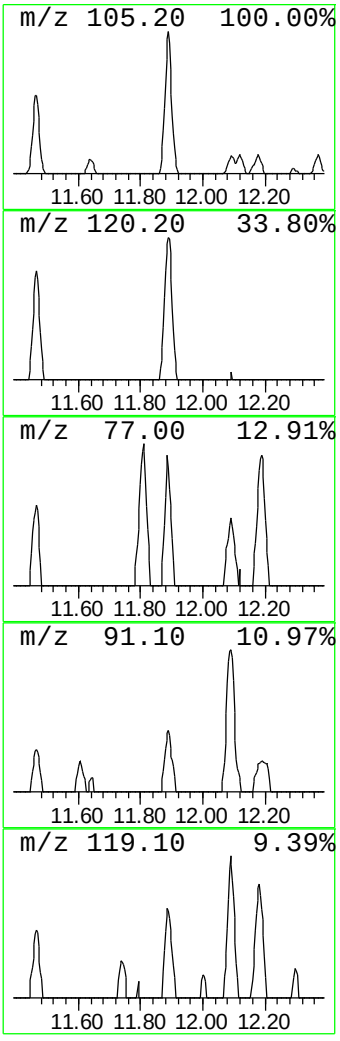
****

Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	0.65 ug/L	22651	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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

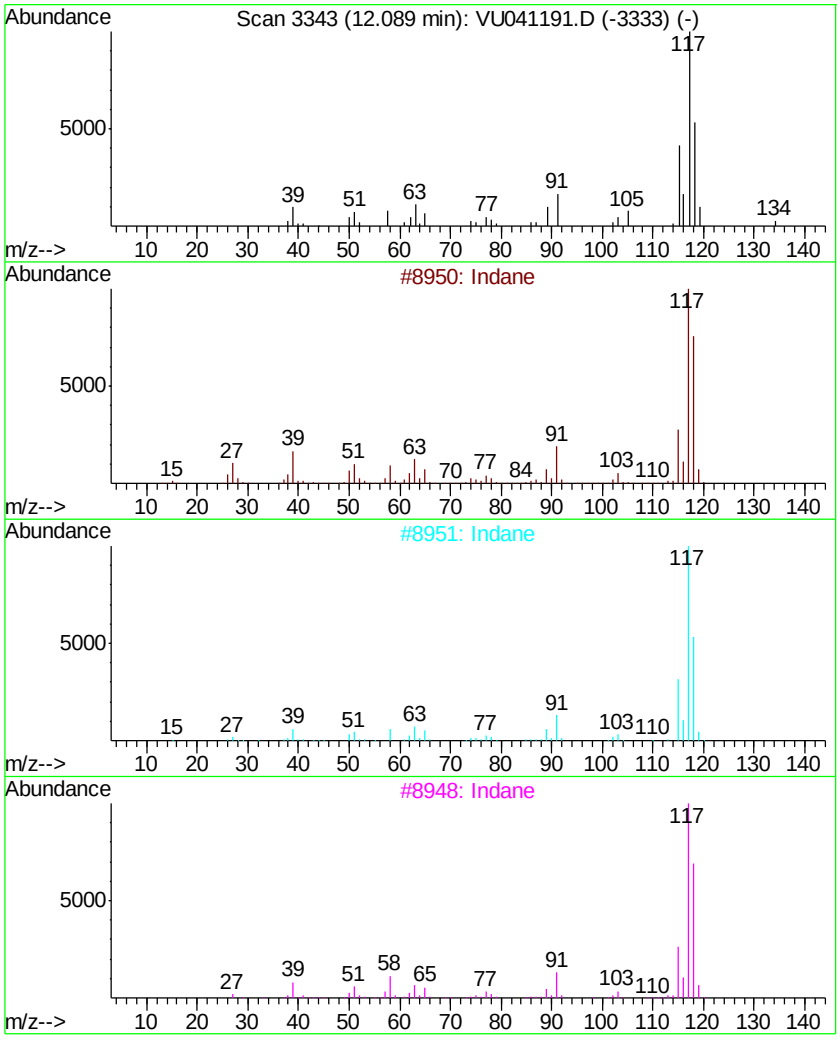
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

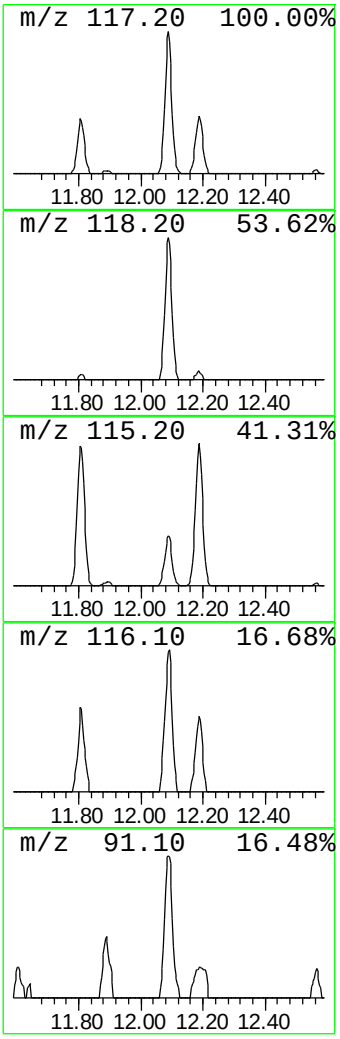
****

Peak Number 18 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	1.40 ug/L	48670	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	68
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111020\
Data File : VU041191.D
Acq On : 10 Nov 2020 20:43
Operator : SY/MD
Sample : L4646-14DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL

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...	1.49	0.6	ug/L	21355	1	6.26	173797	5.0
(DEL) Alkane: Str...	2.01	7.9	ug/L	276089	1	6.26	173797	5.0
(DEL) Alkane: Str...	2.22	3.1	ug/L	106640	1	6.26	173797	5.0
(DEL) Alkane: Cyc...	2.33	1.9	ug/L	64549	1	6.26	173797	5.0
(DEL) Alkane: Str...	2.43	1.1	ug/L	36985	1	6.26	173797	5.0
(DEL) Alkane: Cyc...	2.48	3.4	ug/L	117786	1	6.26	173797	5.0
(DEL) Alkane: Cyc...	3.15	2.0	ug/L	69656	1	6.26	173797	5.0
(DEL) Alkane: Str...	3.38	1.1	ug/L	37327	1	6.26	173797	5.0
(DEL) Alkane: Cyc...	4.55	2.6	ug/L	88853	1	6.26	173797	5.0
(DEL) Alkane: Str...	5.48	0.6	ug/L	22201	1	6.26	173797	5.0
(DEL) Alkane: Str...	5.91	0.9	ug/L	32849	1	6.26	173797	5.0
(DEL) Alkane: Str...	7.39	0.7	ug/L	22544	1	6.26	173797	5.0
Benzene, propyl-	10.90	0.6	ug/L	20160	3	11.81	173663	5.0
Benzene, 1-ethyl-...	11.00	1.2	ug/L	43128	3	11.81	173663	5.0
Benzene, 1,2,4-tr...	11.29	1.0	ug/L	34601	3	11.81	173663	5.0
Benzene, 1,2,3-tr...	11.89	0.7	ug/L	22651	3	11.81	173663	5.0
Indane	12.09	1.4	ug/L	48670	3	11.81	173663	5.0