LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

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\SOMUTR041420WMA.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	1.617	76	86	100	rBV2	251122	293991	5.35%	0.810%
2	1.929	175	183	195	rVB	107437	139926	2.55%	0.385%
3	2.591	377	389	405	rBV2	188139	328206	5.97%	0.904%
4	3.073	518	539	541	rBV2	232667	385236	7.01%	1.061%
5	3.112	543	551	573	rVB	753041	1521272	27.67%	4.190%
6	3.395	620	639	672	rBV	2047747	4562354	82.99%	12.567%
7	3.736	725	745	769	rBV	1320254	2942637	53.53%	8.105%
8	3.912	769	800	822	rBV2	73963	268334	4.88%	0.739%
9	4.019	822	833	849	rVB2	46330	112417	2.04%	0.310%
10	4.131	849	868	882	rBV3	40974	102021	1.86%	0.281%
11	4.337	913	932	939	rBV	68839	195967	3.56%	0.540%
12	4.472	960	974	986	rBV2	61161	144991	2.64%	0.399%
13	4.572	986	1005	1022	rBV	2289100	5497439	100.00%	15.143%
14	4.668	1022	1035	1039	rBV	211163	426829	7.76%	1.176%
15	5.102	1155	1170	1189	rBV	167285	383546	6.98%	1.056%
16	5.353	1231	1248	1259	rBV	293941	659110	11.99%	1.816%
17	5.424	1259	1270	1286	rVB2	248957	556256	10.12%	1.532%
18	5.761	1352	1375	1404	rBV2	371645	946303	17.21%	2.607%
19	6.282	1520	1537	1558	rBV	337625	631029	11.48%	1.738%
20	6.723	1660	1674	1693	rBV	240679	462900	8.42%	1.275%
21	7.591	1931	1944	1959	rBV2	134314	236500	4.30%	0.651%
22	7.922	2033	2047	2058	rBV	465874	795918	14.48%	2.192%
23	7.993	2058	2069	2085	rVB	1024444	1714995	31.20%	4.724%
24	8.202	2121	2134	2146	rBV	86752	144345	2.63%	0.398%
25	8.655	2261	2275	2308	rBV	725645	1278461	23.26%	3.521%
26	9.436	2505	2518	2524	rBV	491115	848160	15.43%	2.336%
27	9.591	2553	2566	2585	rBV	222805	358431	6.52%	0.987%
28	9.713	2591	2604	2619	rBV	373123	609314	11.08%	1.678%
29	10.118	2713	2730	2745	rBV	208591	331958	6.04%	0.914%
30	10.501	2838	2849	2862	rBV	78106	120324	2.19%	0.331%
31	10.774	2920	2934	2951	rBV	175889	278584	5.07%	0.767%
32	10.922	2961	2980	2996	rBV	225155	349021	6.35%	0.961%
33	11.012	2996	3008	3013	rBV	494757	805224	14.65%	2.218%
34	11.102	3027	3036	3056	rVB	281983	433077	7.88%	1.193%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

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\SOMUTR041420WMA.M
Title : TRACE VOA SOM01.0

35	11.247	3064	3081	3091	rBV	1067218	1580923	28.76%	4.355%
36	11.304	3091	3099	3118	rVB	426049	660437	12.01%	1.819%
37	11.481	3141	3154	3170	rBV	1110417	1697966	30.89%	4.677%
38	11.571	3171	3182	3193	rBV2	88690	137041	2.49%	0.377%
39	11.761	3229	3241	3250	rBV	86340	137311	2.50%	0.378%
40	11.825	3250	3261	3277	rVV2	517657	1024223	18.63%	2.821%
41	11.909	3277	3287	3299	rVB	303666	469202	8.53%	1.292%
42	12.108	3336	3349	3366	rBV	201471	334315	6.08%	0.921%
43	12.208	3366	3380	3397	rVB	486638	869075	15.81%	2.394%
44	12.587	3486	3498	3507	rBV	59041	89950	1.64%	0.248%
45	13.047	3632	3641	3653	rVB	62718	94652	1.72%	0.261%
46	13.478	3764	3775	3789	rVB4	60053	102495	1.86%	0.282%
47	13.867	3885	3896	3911	rBV3	52390	84311	1.53%	0.232%
48	14.115	3959	3973	3988	rBV	96675	157543	2.87%	0.434%

Sum of corrected areas: 36304520

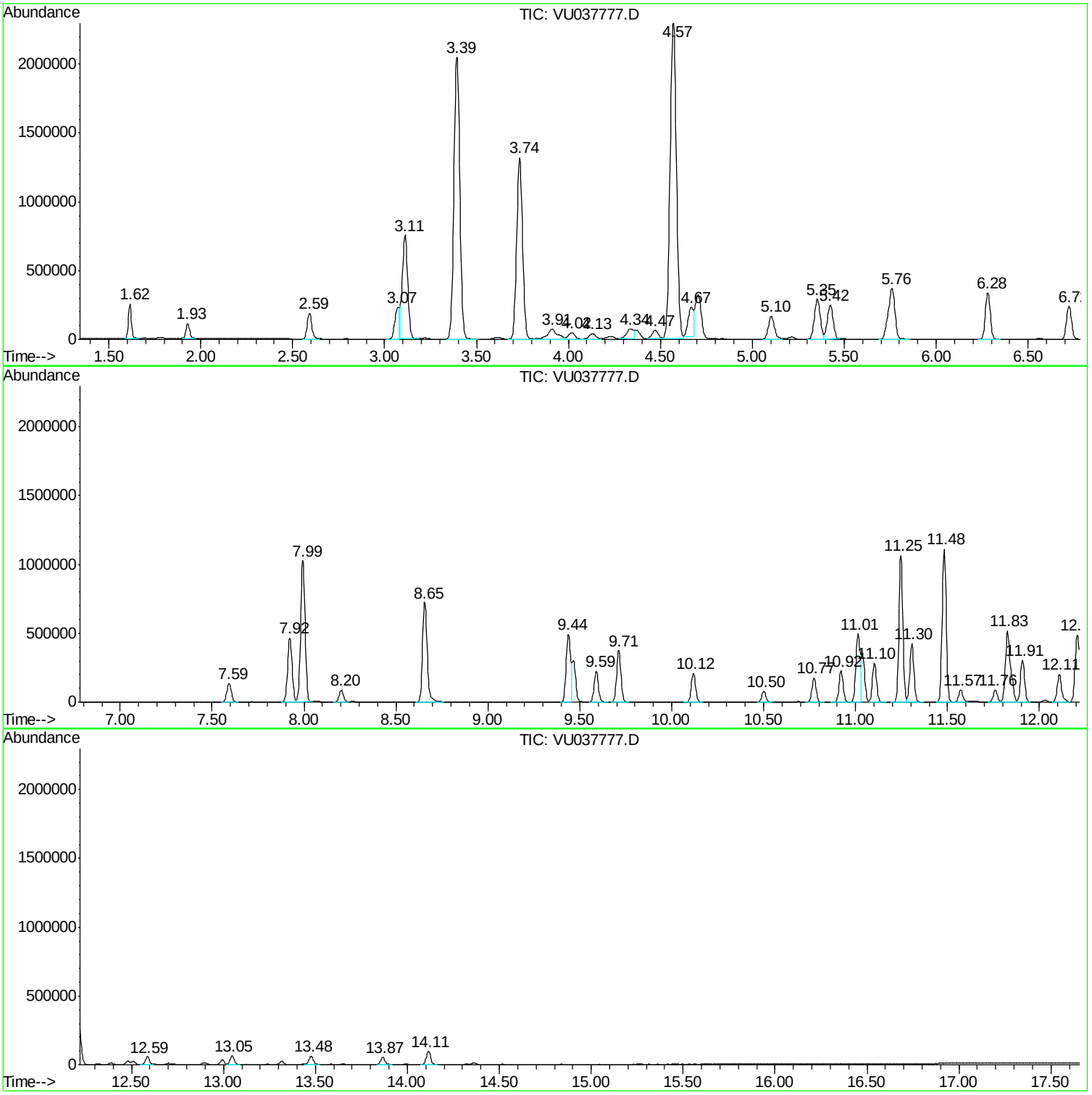
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.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\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

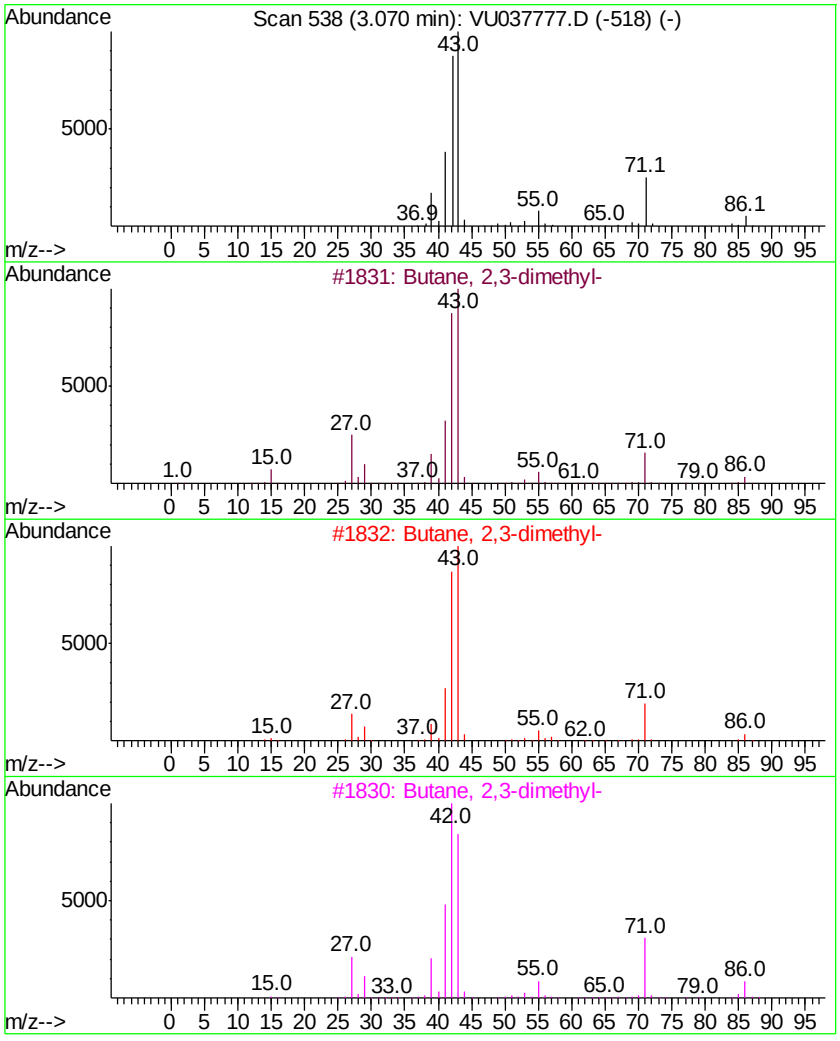
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

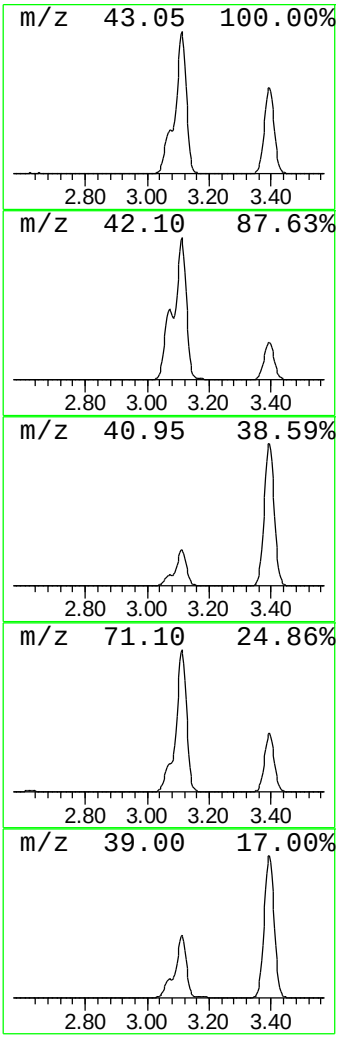
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	3.05 ug/L	385236	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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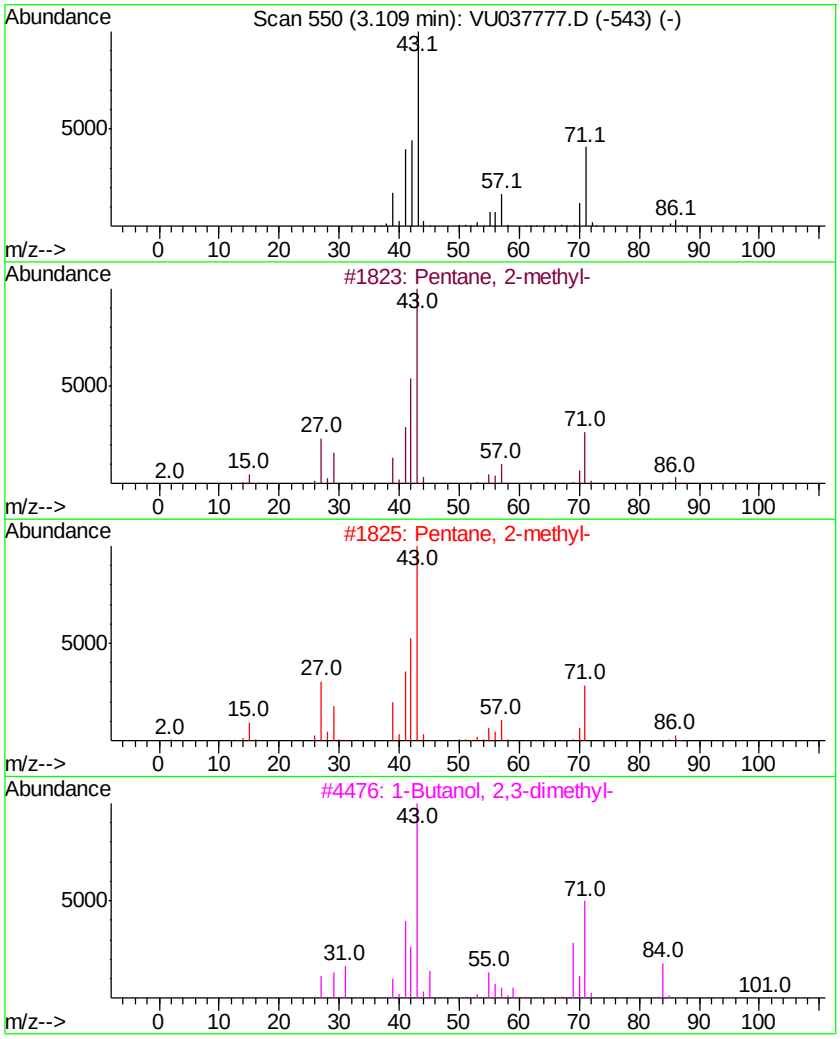
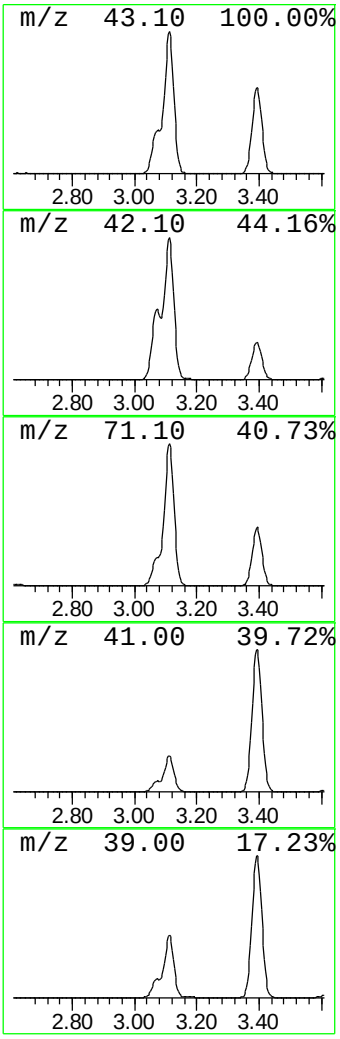
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	12.05 ug/L	1521270	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	32
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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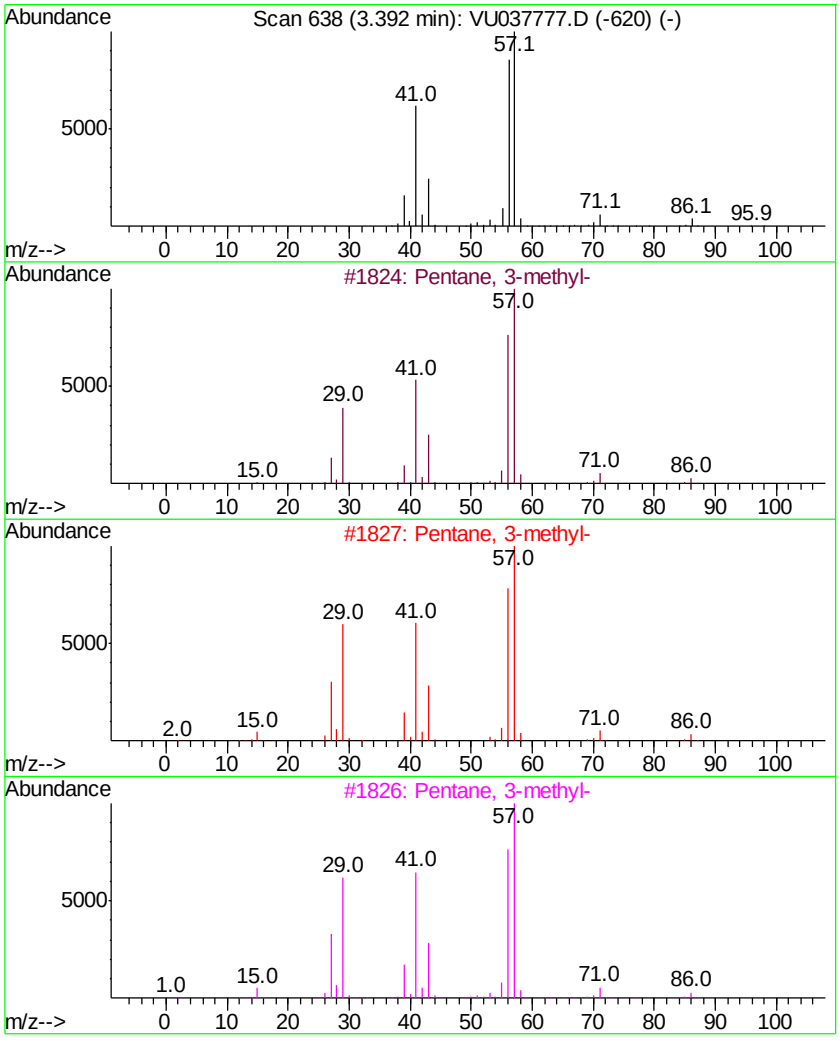
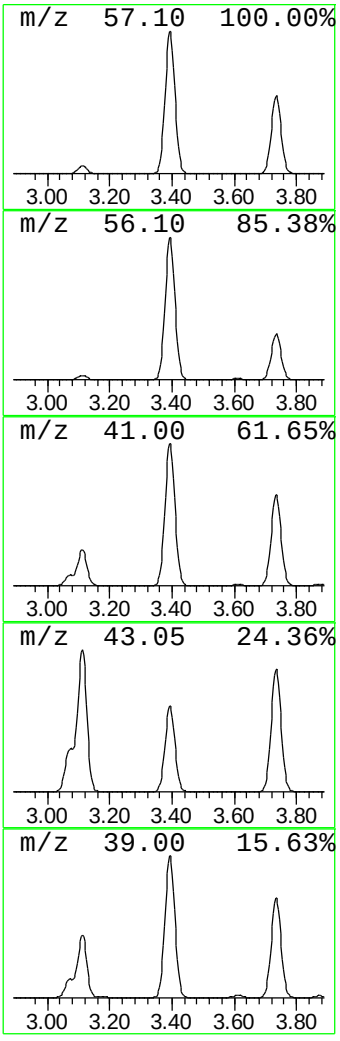
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	36.15 ug/L	4562350	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

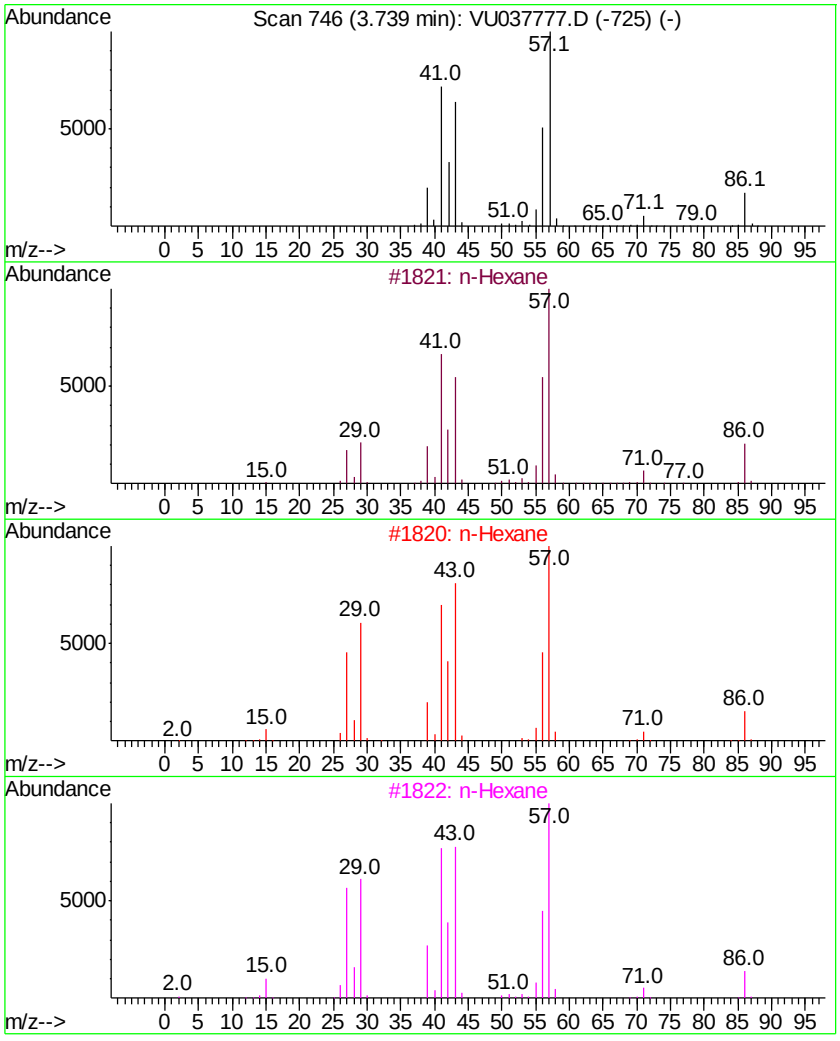
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

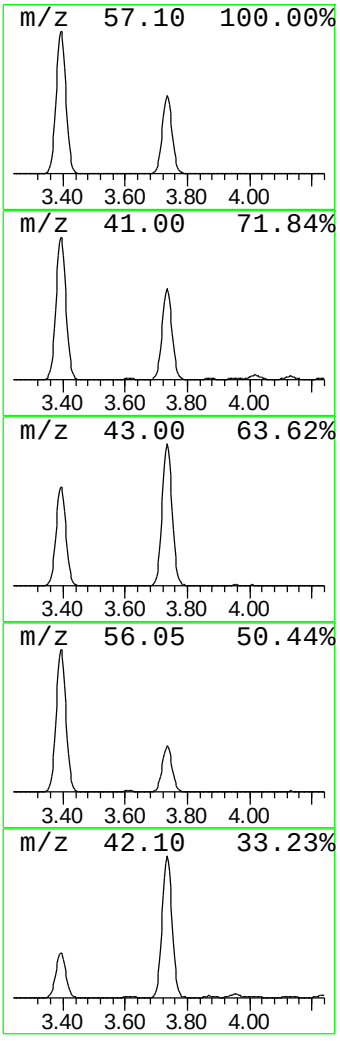
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	23.32 ug/L	2942640	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	83
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

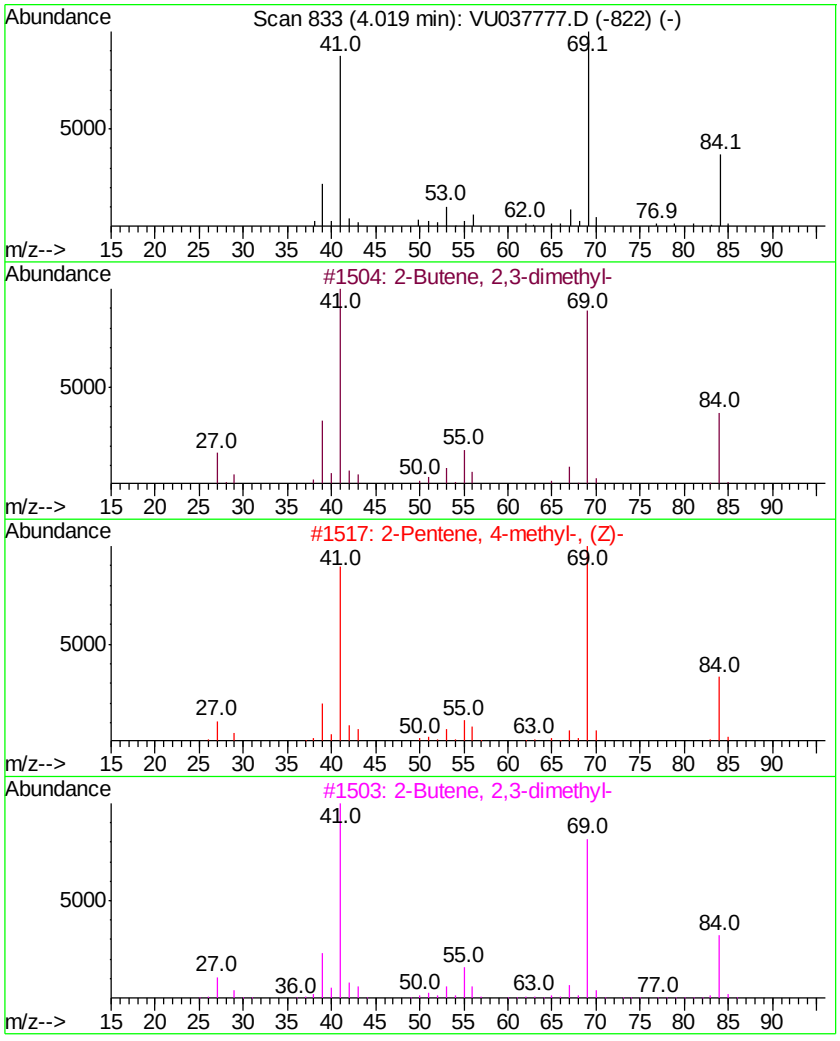
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

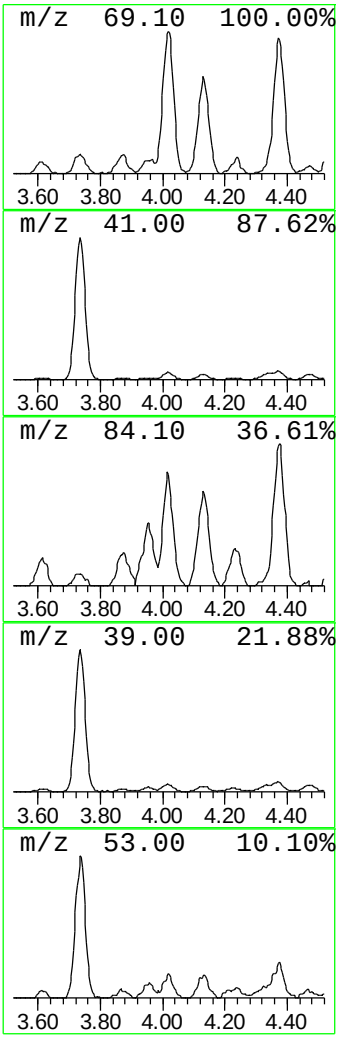
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.89 ug/L	112417	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	90
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

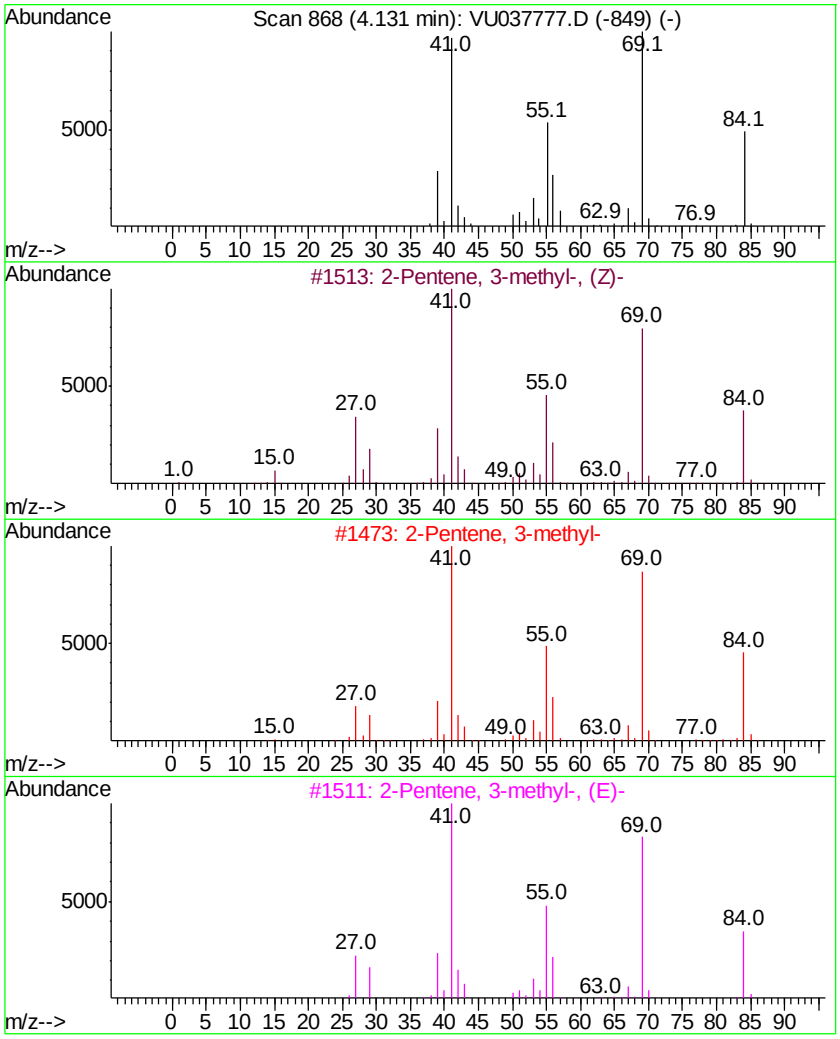
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

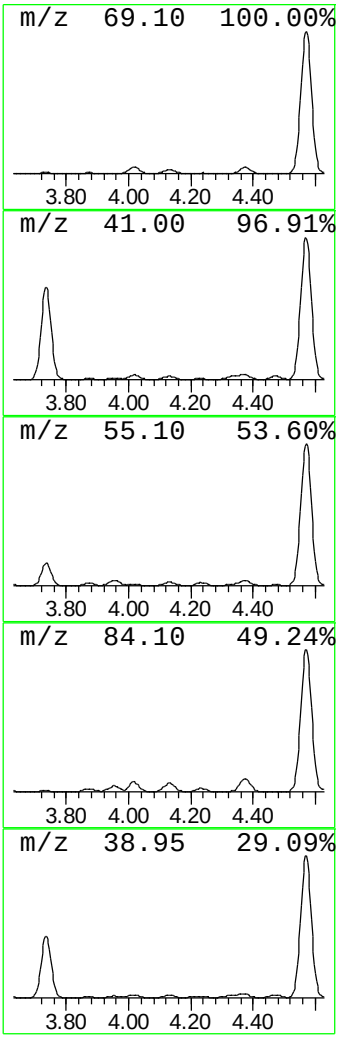
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.81 ug/L	102021	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

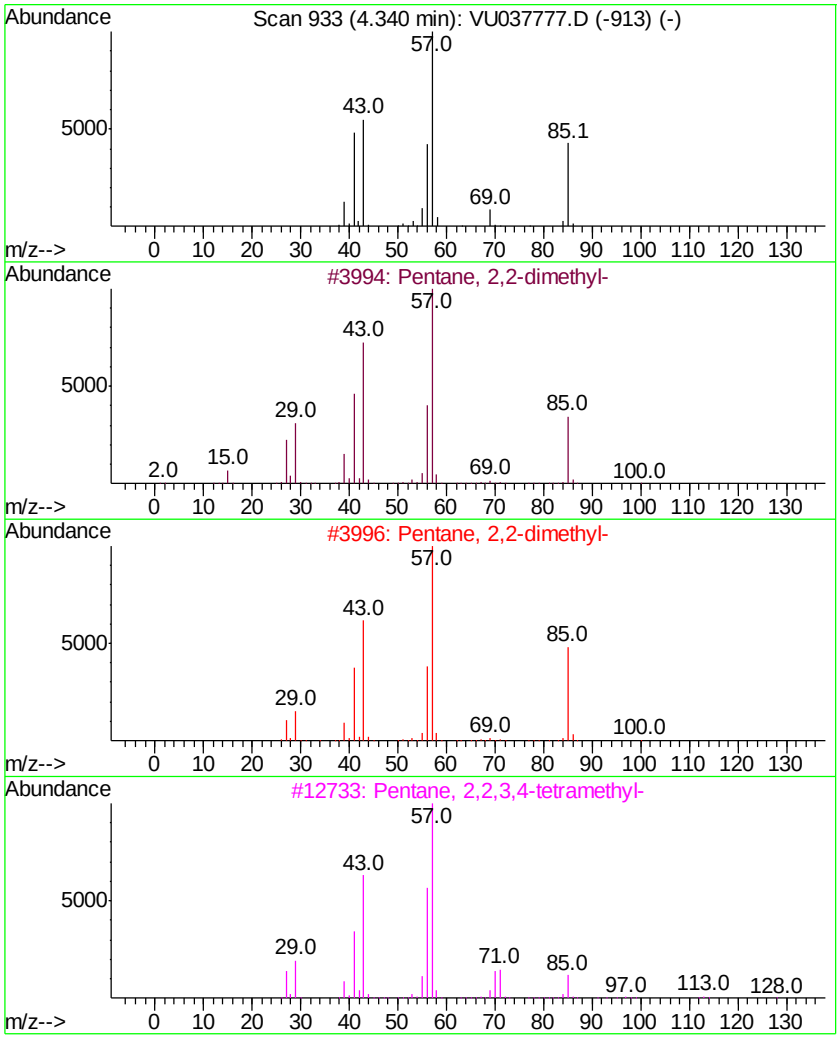
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

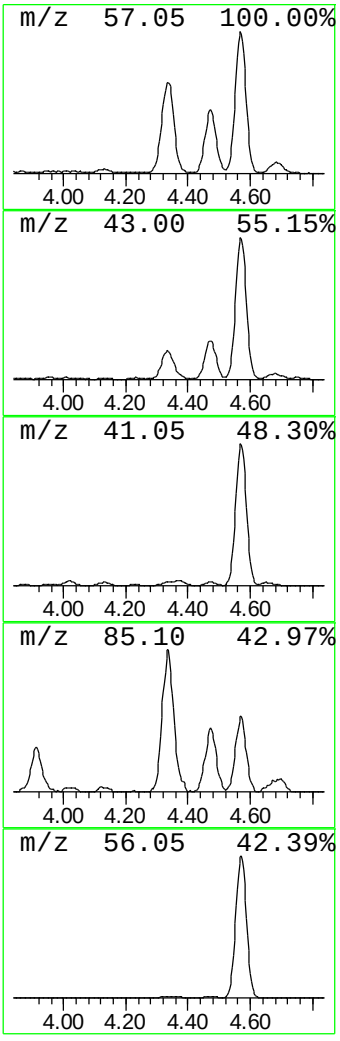
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	1.55 ug/L	195967	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	56
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

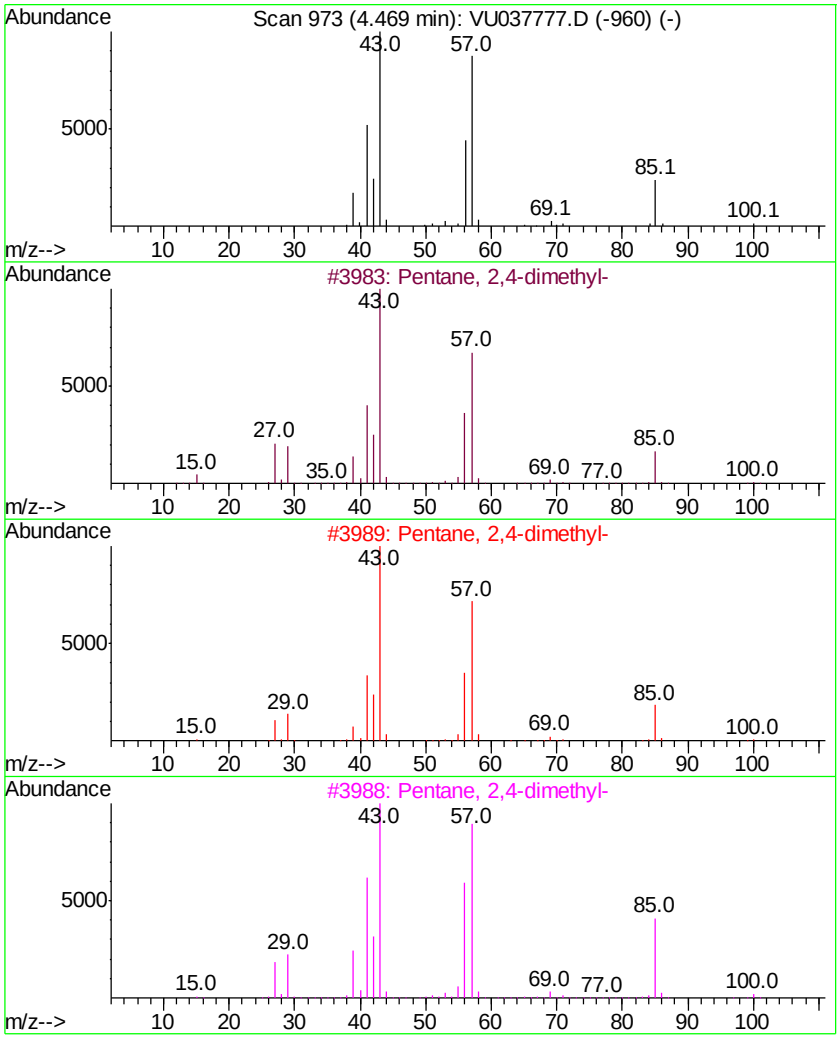
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

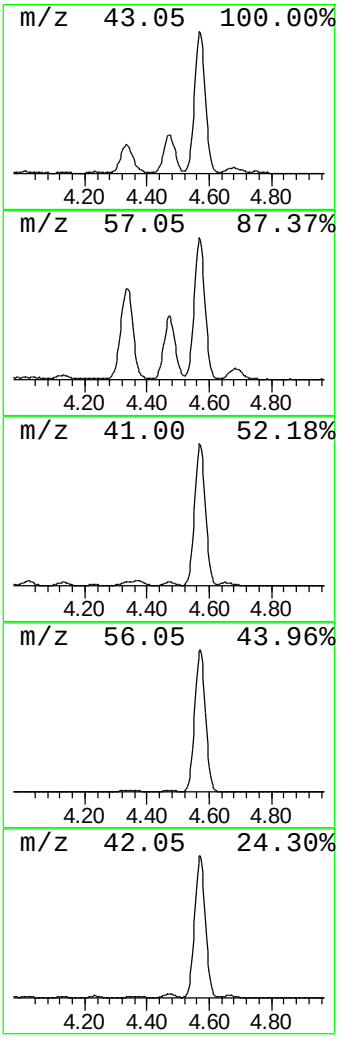
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	1.15 ug/L	144991	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

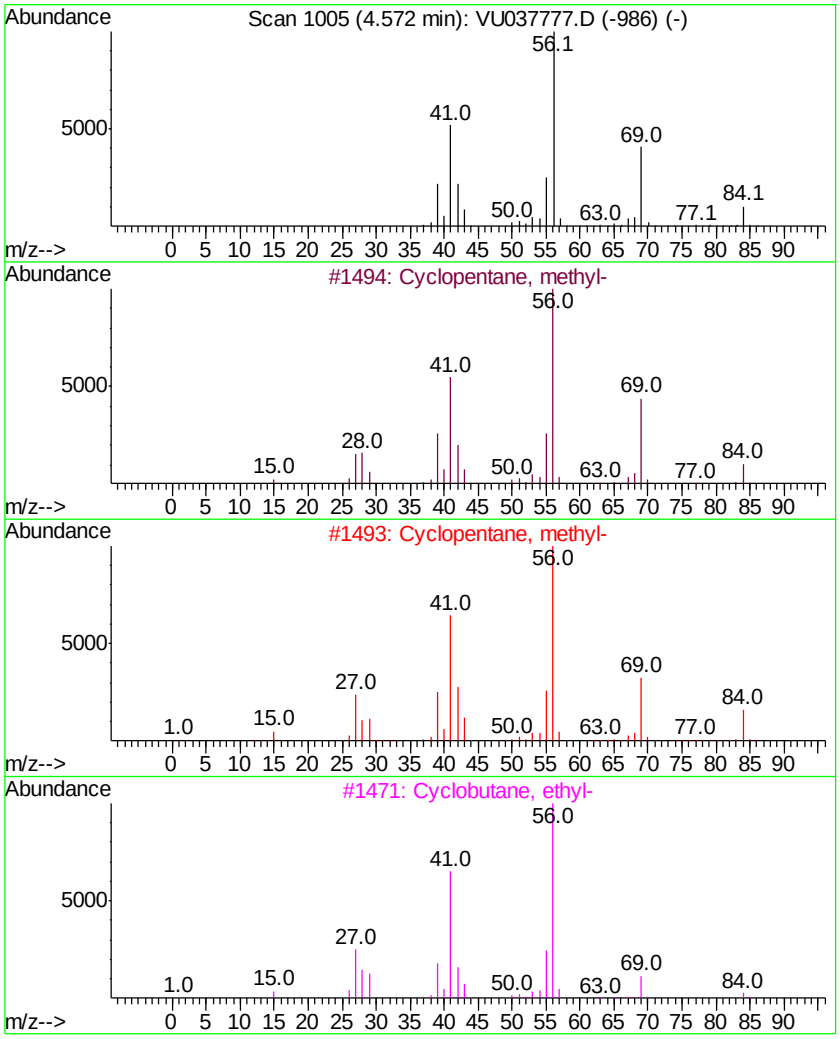
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

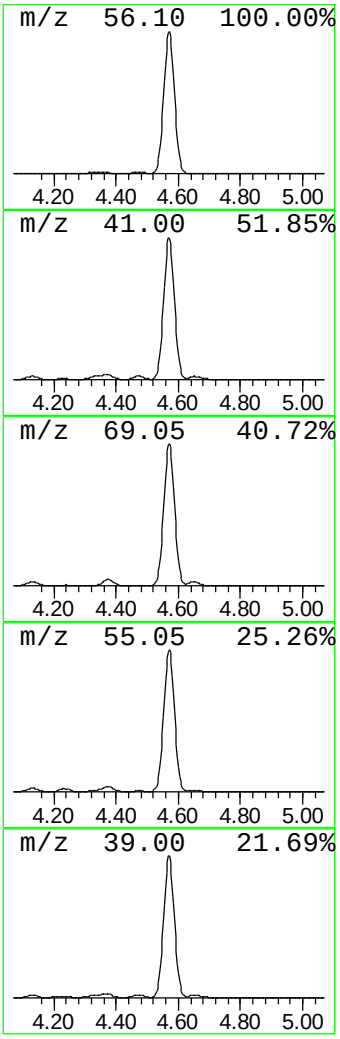
****

Peak Number 9 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	43.56 ug/L	5497440	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

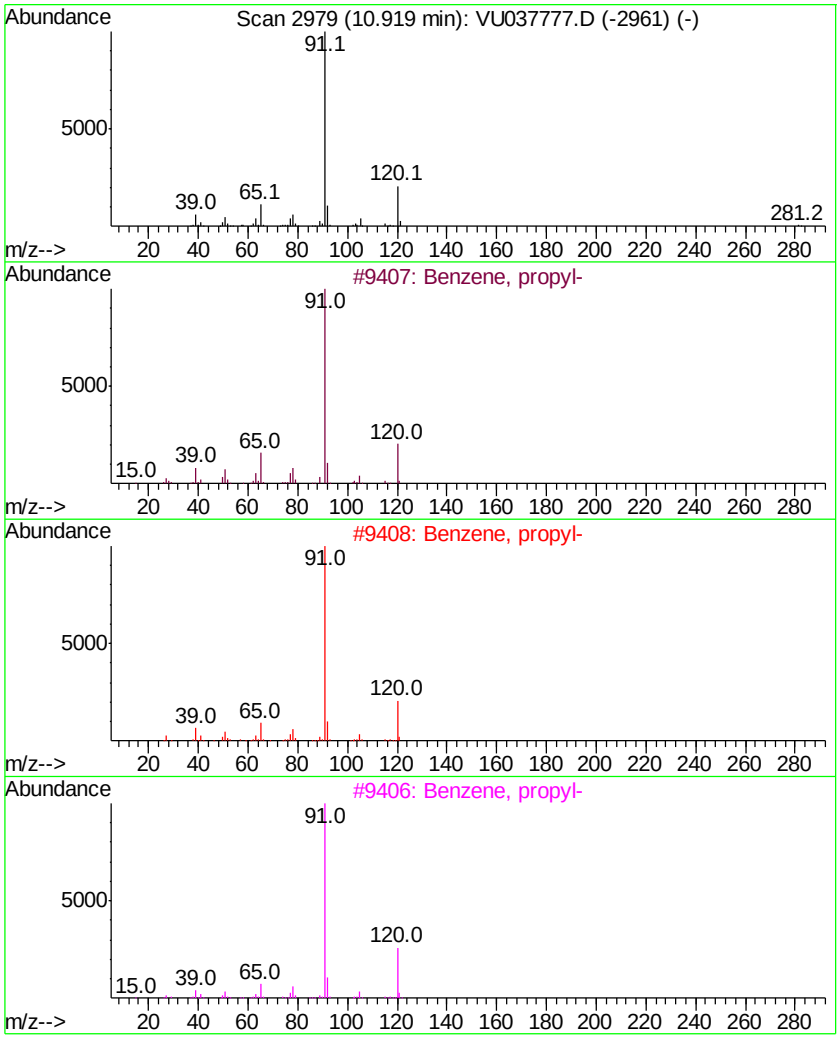
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

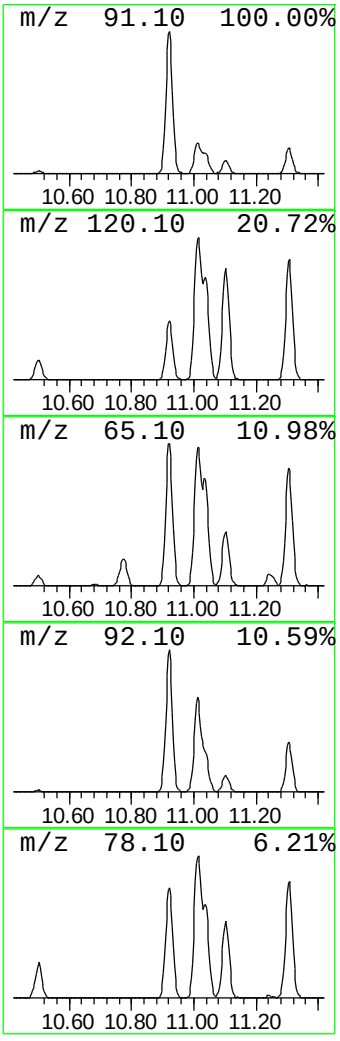
****

Peak Number 11 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	1.70 ug/L	349021	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

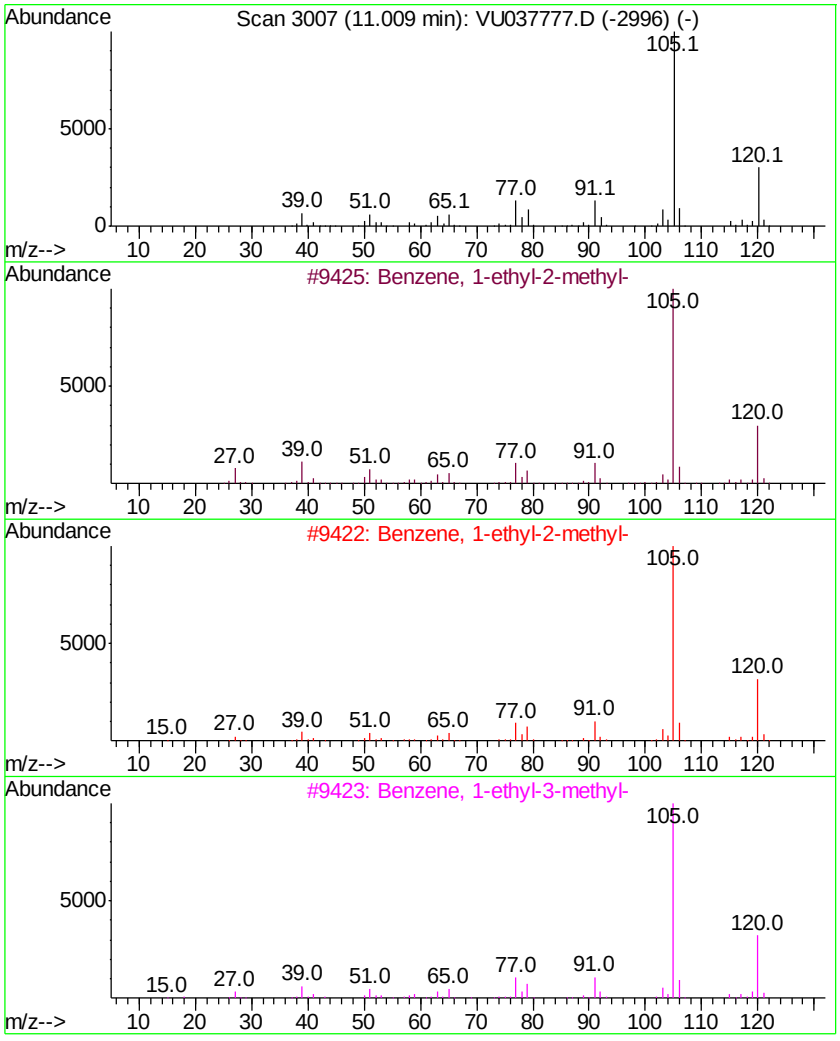
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

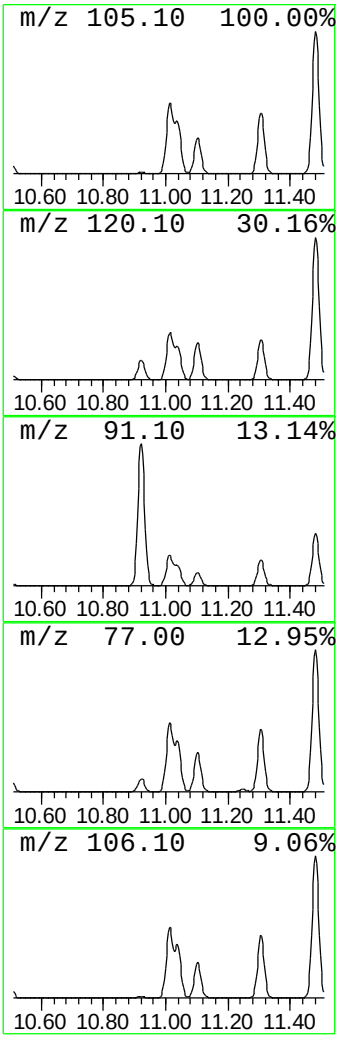
****

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.93 ug/L	805224	1,4-Dichlorobenzene-d4	11.83

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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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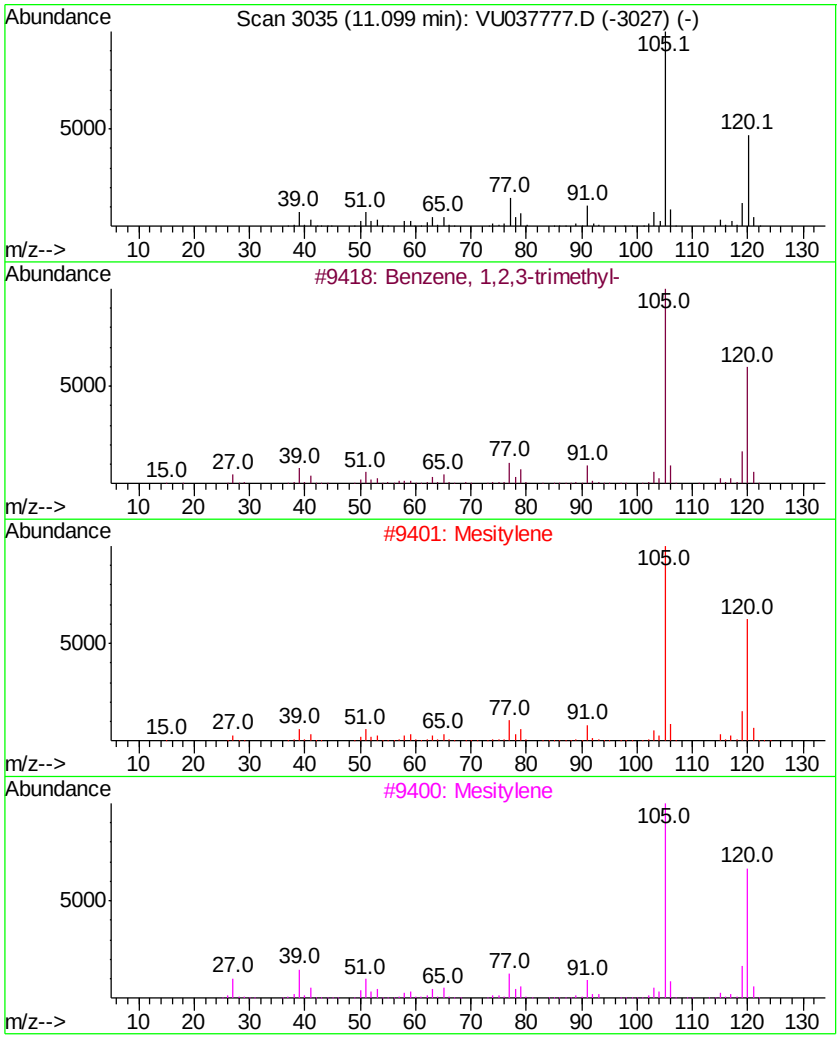
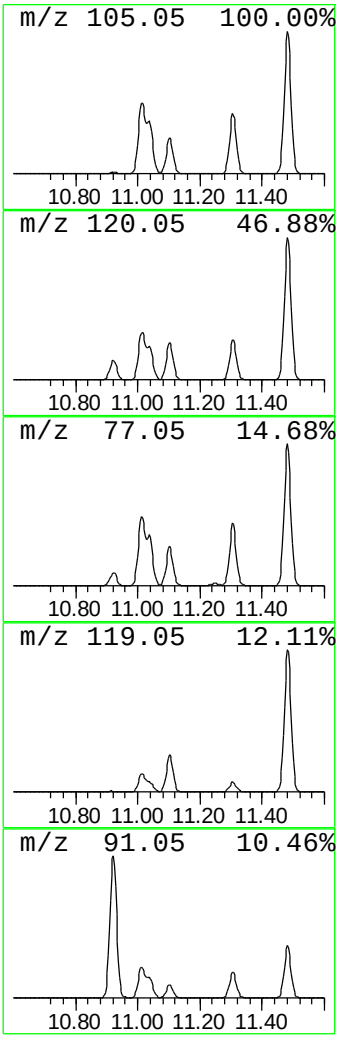
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.11 ug/L	433077	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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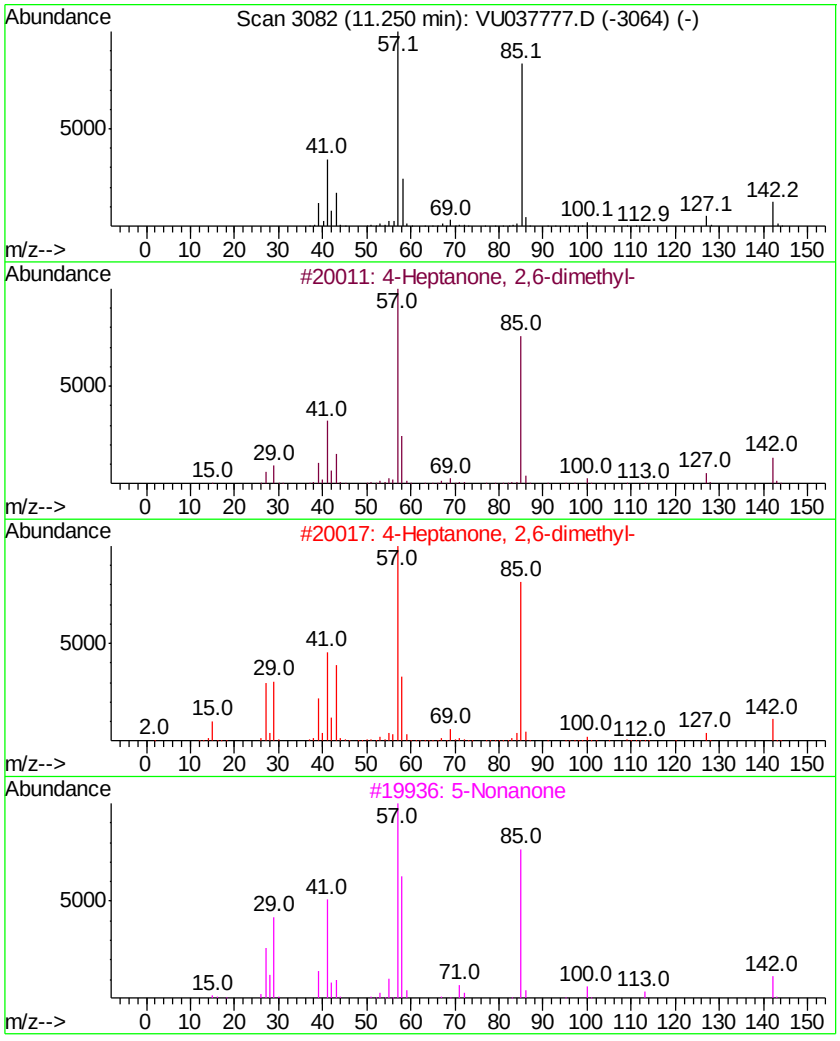
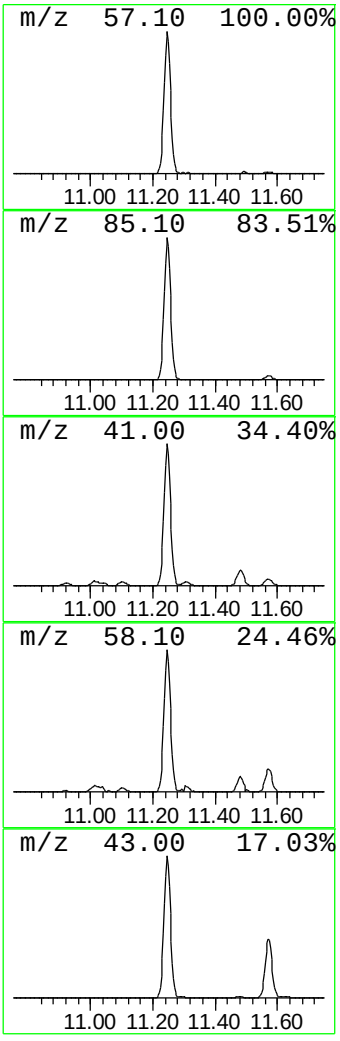
Peak Number 14 4-Heptanone, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	7.72 ug/L	1580920	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78
3	5-Nonanone	142	C9H18O	000502-56-7	64
4	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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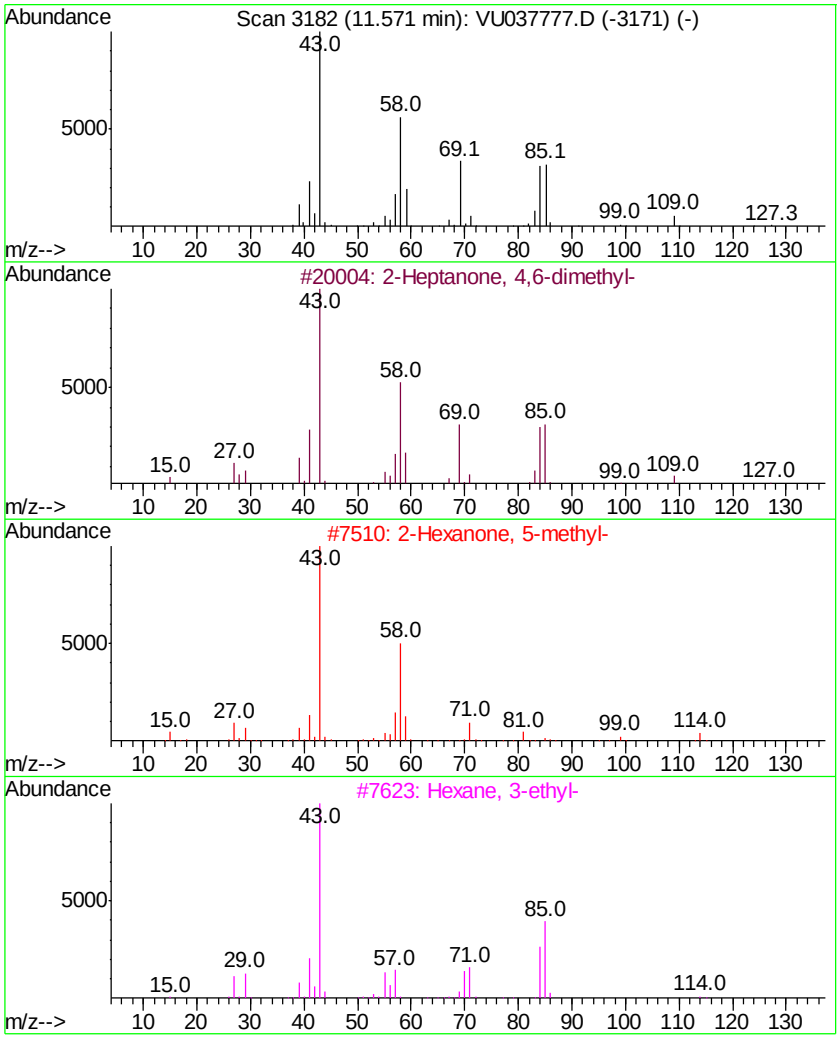
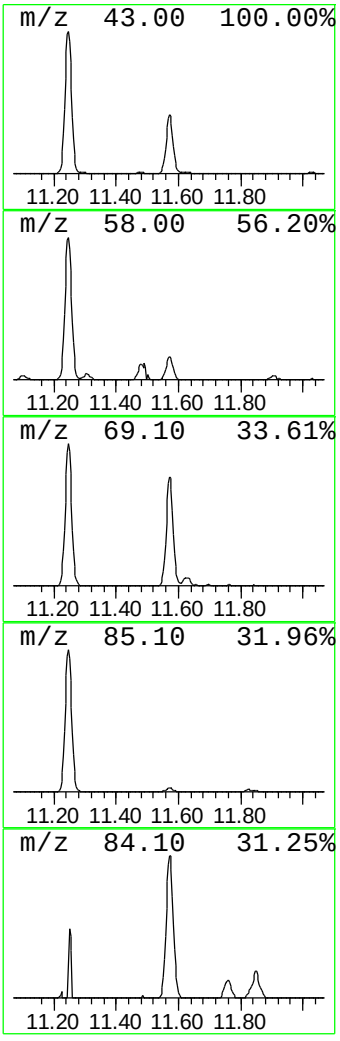
Peak Number 17 2-Heptanone, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.67 ug/L	137041	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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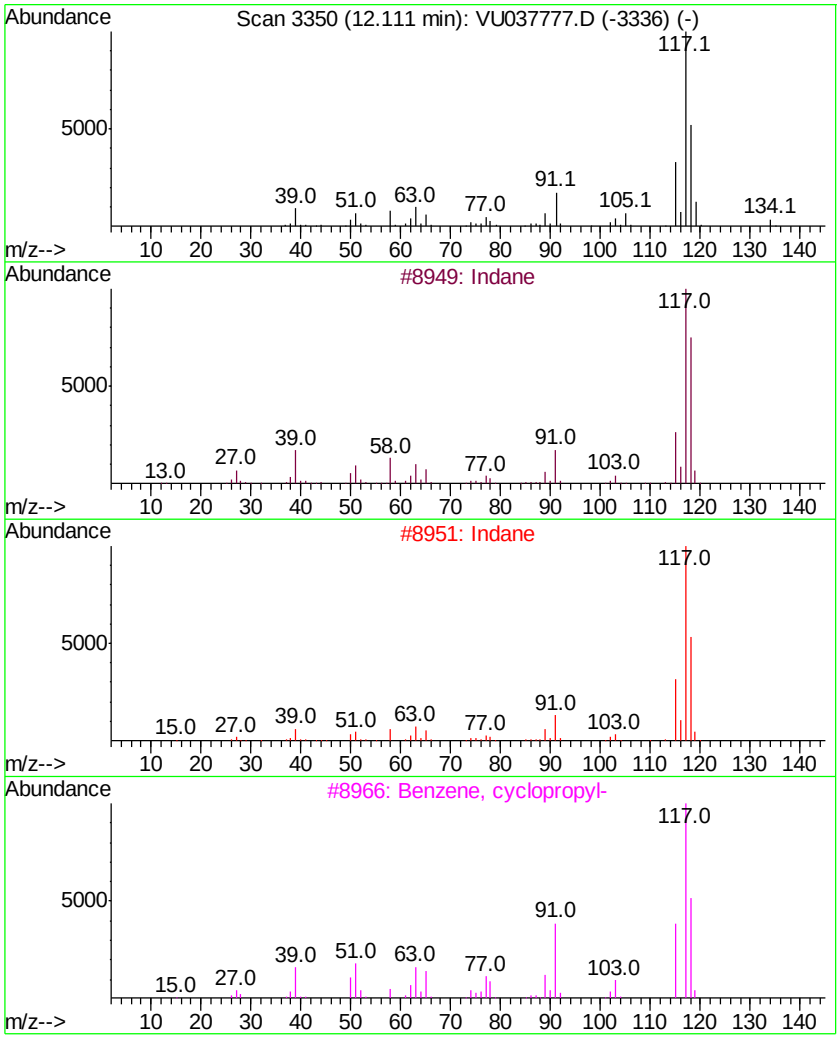
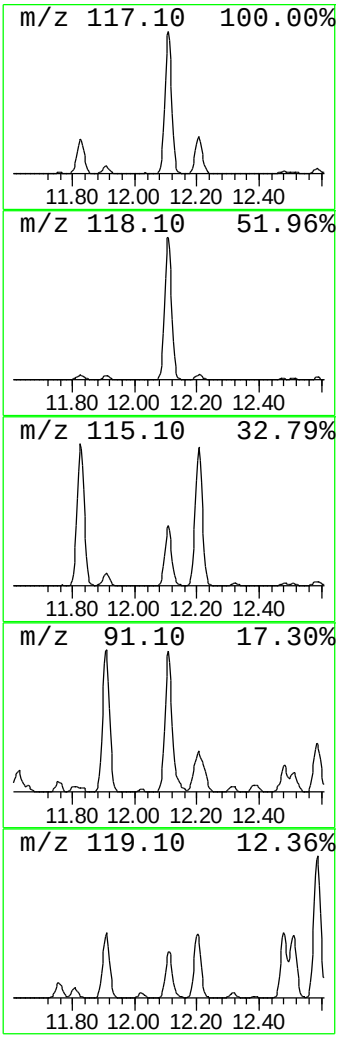
Peak Number 19 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	1.63 ug/L	334315	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

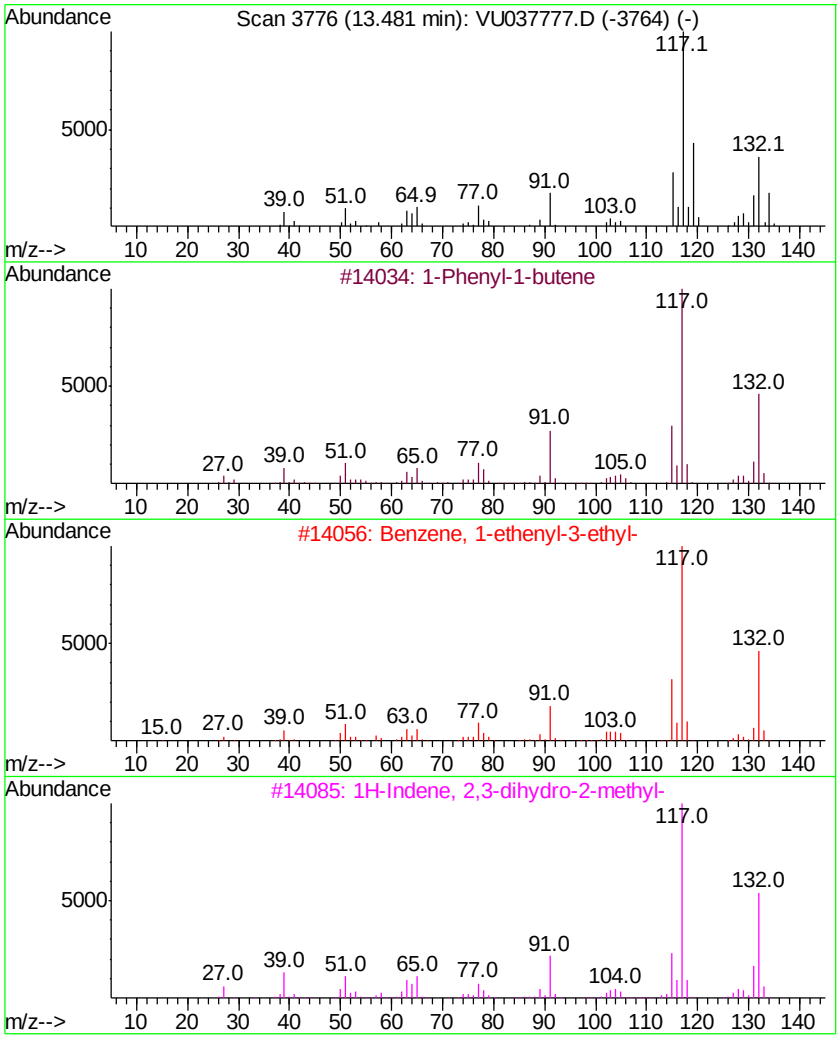
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

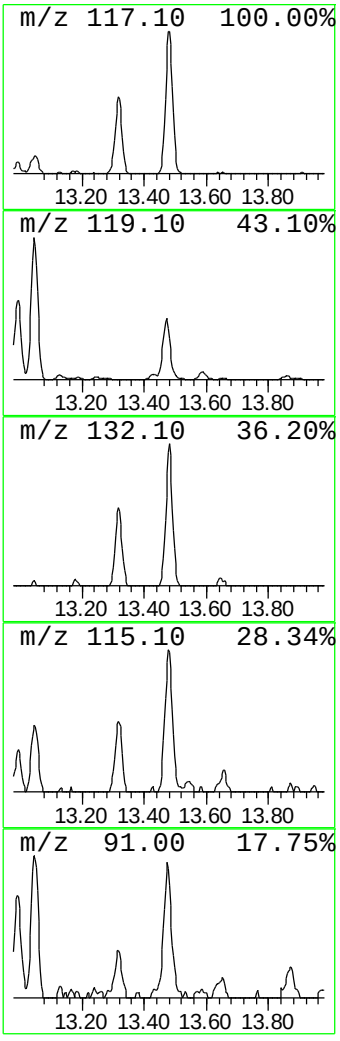
****

Peak Number 20 1-Phenyl-1-butene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	0.50 ug/L	102495	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037777.D
Acq On : 17 Apr 2020 15:55
Operator : JC/MD
Sample : L2296-03DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.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...	3.07	3.0	ug/L	385236	1	6.28	631029	5.0
(DEL) Alkane: Str...	3.11	12.1	ug/L	1521270	1	6.28	631029	5.0
(DEL) Alkane: Str...	3.39	36.1	ug/L	4562350	1	6.28	631029	5.0
(DEL) Alkane: Str...	3.74	23.3	ug/L	2942640	1	6.28	631029	5.0
(DEL) Alkane: Str...	4.02	0.9	ug/L	112417	1	6.28	631029	5.0
(DEL) Alkane: Str...	4.13	0.8	ug/L	102021	1	6.28	631029	5.0
(DEL) Alkane: Str...	4.34	1.6	ug/L	195967	1	6.28	631029	5.0
(DEL) Alkane: Str...	4.47	1.1	ug/L	144991	1	6.28	631029	5.0
(DEL) Alkane: Cyc...	4.57	43.6	ug/L	5497440	1	6.28	631029	5.0
Benzene, propyl-	10.92	1.7	ug/L	349021	3	11.83	1024220	5.0
Benzene, 1-ethyl-...	11.01	3.9	ug/L	805224	3	11.83	1024220	5.0
Benzene, 1,2,3-tr...	11.10	2.1	ug/L	433077	3	11.83	1024220	5.0
4-Heptanone, 2,6-...	11.25	7.7	ug/L	1580920	3	11.83	1024220	5.0
2-Heptanone, 4,6-...	11.57	0.7	ug/L	137041	3	11.83	1024220	5.0
Indane	12.11	1.6	ug/L	334315	3	11.83	1024220	5.0
1-Phenyl-1-butene	13.48	0.5	ug/L	102495	3	11.83	1024220	5.0