LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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	98	rBV2	817967	930949	3.18%	0.569%
2	2.594	376	390	420	rVB3	236380	502584	1.71%	0.307%
3	3.073	522	539	541	rBV	1242794	2043744	6.97%	1.250%
4	3.112	542	551	597	rVB	4147140	8677852	29.61%	5.307%
5	3.395	617	639	669	rBV	11179799	24654132	84.12%	15.079%
6	3.735	725	745	770	rBV	7202849	15898078	54.25%	9.723%
7	3.909	773	799	822	rBV2	374872	1389679	4.74%	0.850%
8	4.018	822	833	851	rVB	245698	590851	2.02%	0.361%
9	4.131	851	868	882	rBV	215783	539276	1.84%	0.330%
10	4.337	912	932	938	rBV	366936	978445	3.34%	0.598%
11	4.472	960	974	986	rBV2	316066	749838	2.56%	0.459%
12	4.571	986	1005	1022	rVV	12339706	29307682	100.00%	17.925%
13	4.706	1023	1047	1075	rVB2	1526916	4191179	14.30%	2.563%
14	5.102	1156	1170	1183	rBV	164108	368004	1.26%	0.225%
15	5.353	1230	1248	1259	rBV	1535719	3422828	11.68%	2.093%
16	5.423	1259	1270	1287	rVB	1313327	2902448	9.90%	1.775%
17	5.761	1355	1375	1403	rVB2	356227	929700	3.17%	0.569%
18	6.282	1522	1537	1553	rBV	340889	632888	2.16%	0.387%
19	6.722	1660	1674	1689	rBV	228060	442419	1.51%	0.271%
20	7.925	2026	2048	2057	rBV	457488	790302	2.70%	0.483%
21	7.996	2057	2070	2084	rVB	5355022	8885044	30.32%	5.434%
22	8.658	2260	2276	2314	rBV	721418	1228784	4.19%	0.752%
23	9.468	2506	2528	2544	rBV2	1462169	3150649	10.75%	1.927%
24	9.591	2553	2566	2586	rVB	1186173	1878463	6.41%	1.149%
25	9.713	2590	2604	2634	rVB	2004312	3273253	11.17%	2.002%
26	10.118	2717	2730	2756	rVB	1105399	1747961	5.96%	1.069%
27	10.504	2834	2850	2862	rBV	409424	643769	2.20%	0.394%
28	10.922	2960	2980	2996	rBV	1247690	1906832	6.51%	1.166%
29	11.015	2996	3009	3014	rBV	2754477	4527336	15.45%	2.769%
30	11.105	3027	3037	3054	rVB	1536066	2343587	8.00%	1.433%
31	11.250	3064	3082	3091	rBV	5905805	8721698	29.76%	5.334%
32	11.307	3091	3100	3124	rVB	2185085	3411055	11.64%	2.086%
33	11.484	3132	3155	3171	rBV	6082786	9224980	31.48%	5.642%
34	11.574	3171	3183	3193	rBV	494783	761495	2.60%	0.466%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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	11.761	3229	3241	3251	rBV	461077	721893	2.46%	0.442%
36	11.851	3251	3269	3278	rVV2	762769	1971255	6.73%	1.206%
37	11.909	3278	3287	3300	rVB	1639715	2507759	8.56%	1.534%
38	12.108	3336	3349	3367	rBV	1057556	1801588	6.15%	1.102%
39	12.208	3367	3380	3399	rVB5	668133	1482461	5.06%	0.907%
40	12.590	3486	3499	3508	rBV	326202	503085	1.72%	0.308%
41	12.996	3608	3625	3633	rVV	207562	324353	1.11%	0.198%
42	13.050	3633	3642	3655	rVB	361562	557218	1.90%	0.341%
43	13.481	3765	3776	3791	rVB3	340389	585134	2.00%	0.358%
44	13.873	3886	3898	3914	rBV2	293204	487565	1.66%	0.298%
45	14.121	3960	3975	3996	rBV	558220	914226	3.12%	0.559%

Sum of corrected areas: 163504321

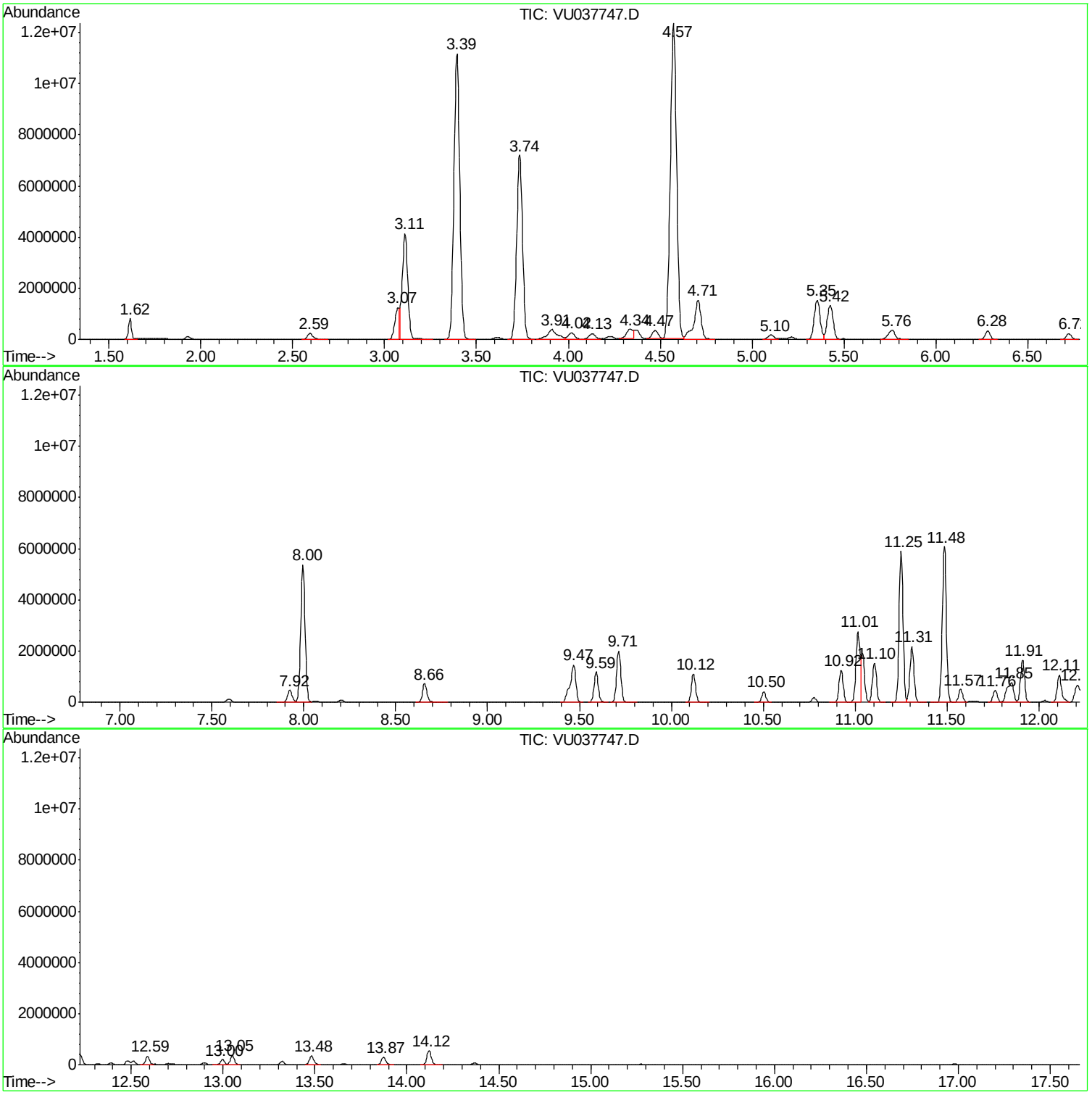
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

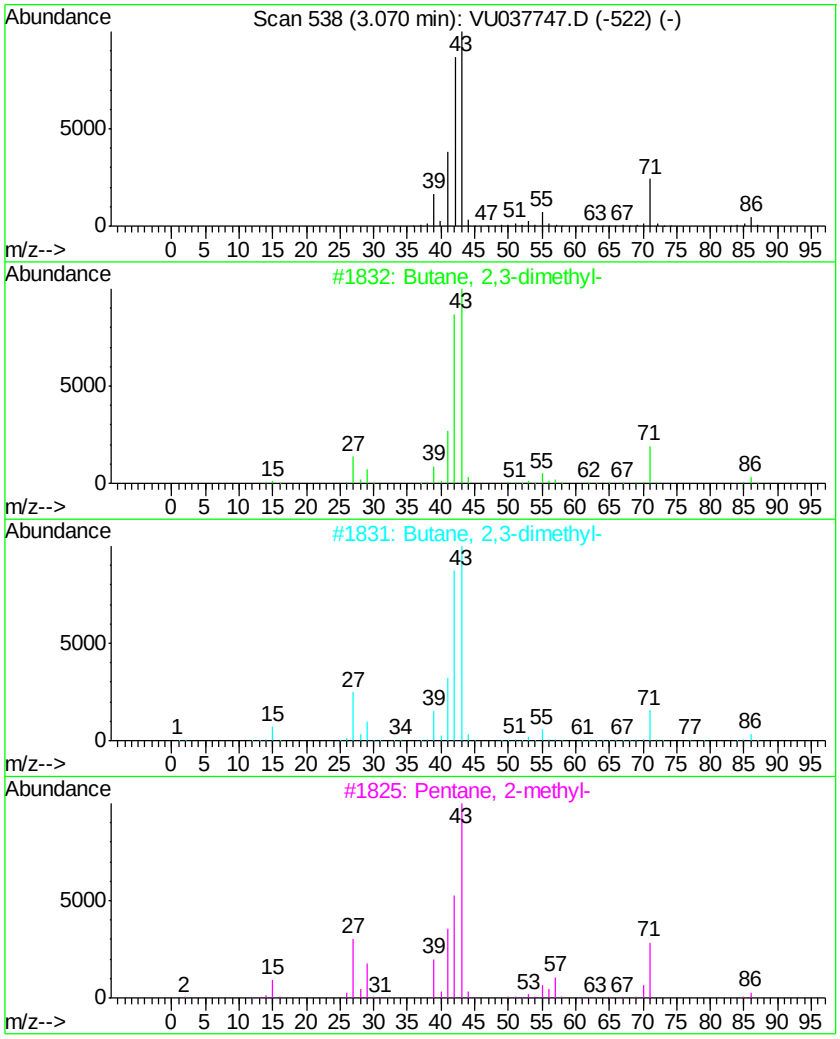
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

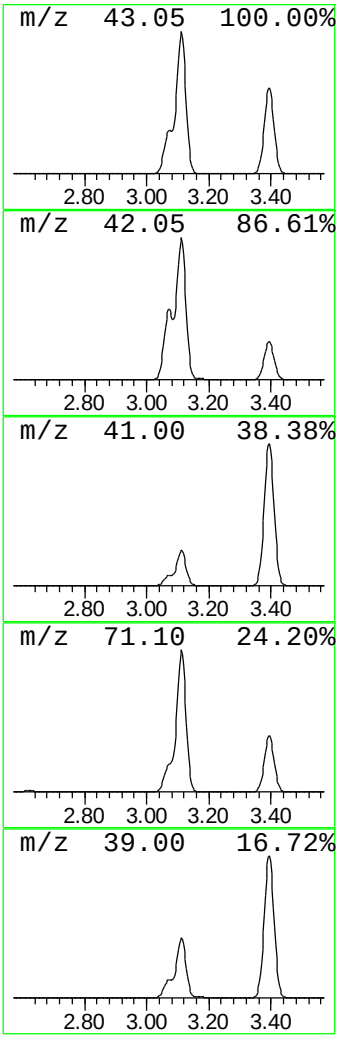
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	16.15 ug/L	2043740	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

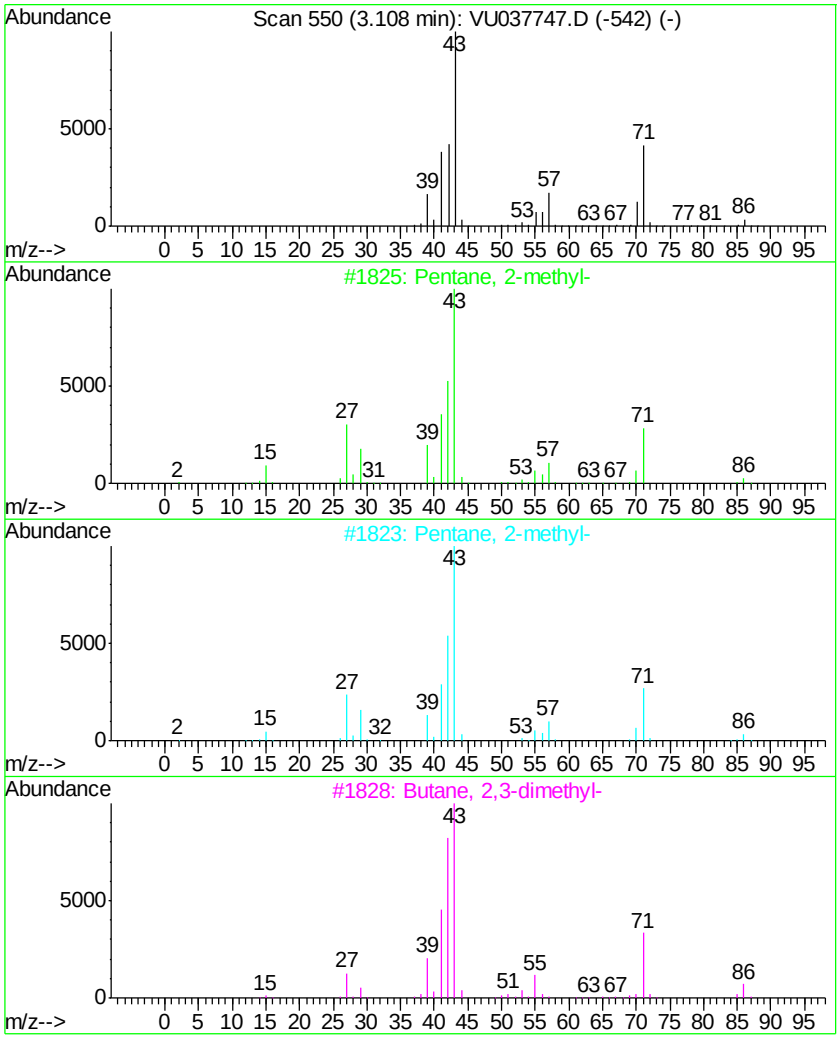
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

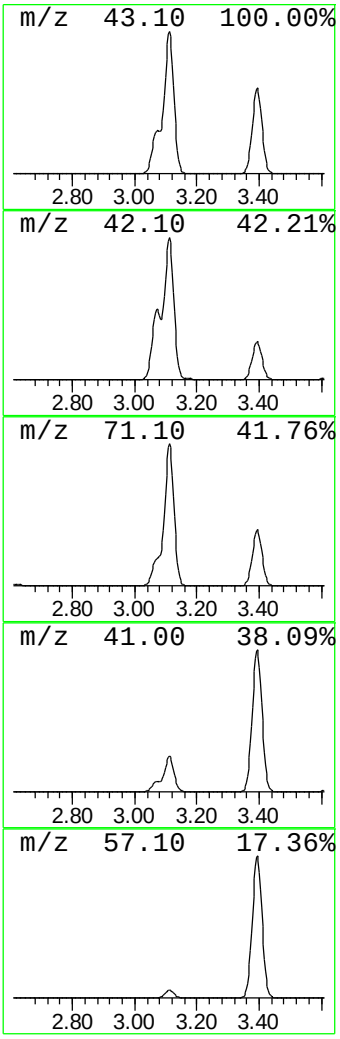
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	68.56 ug/L	8677850	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	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

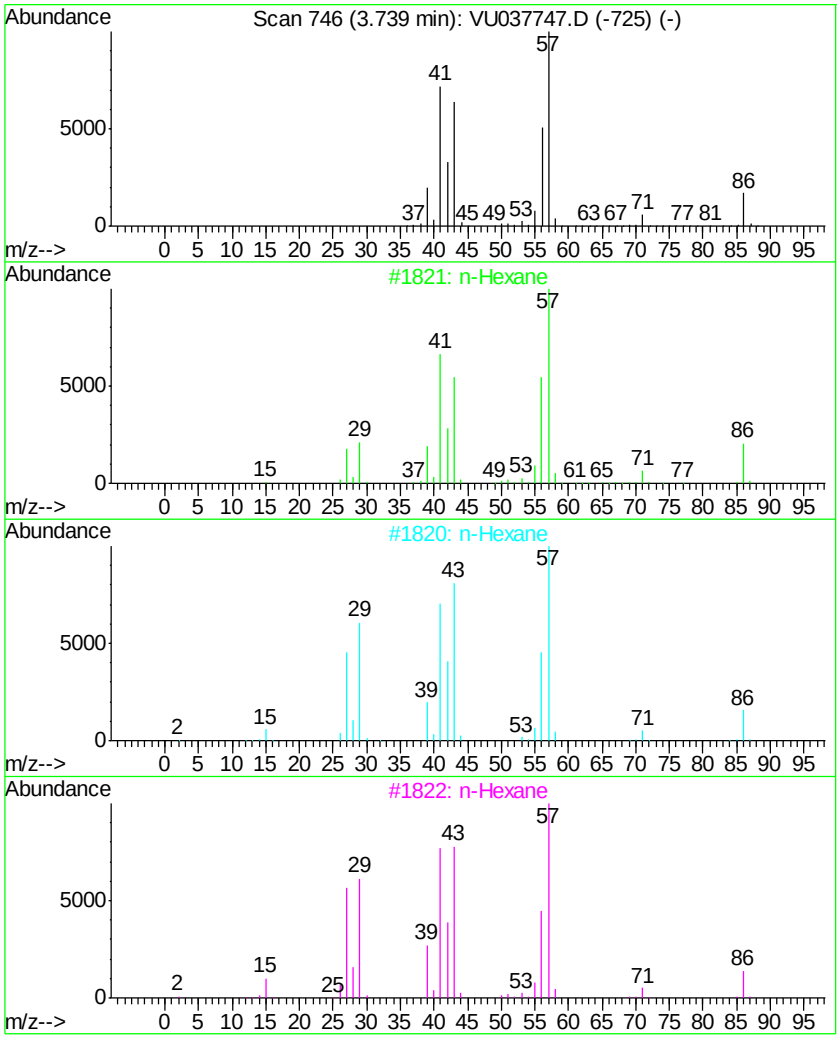
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

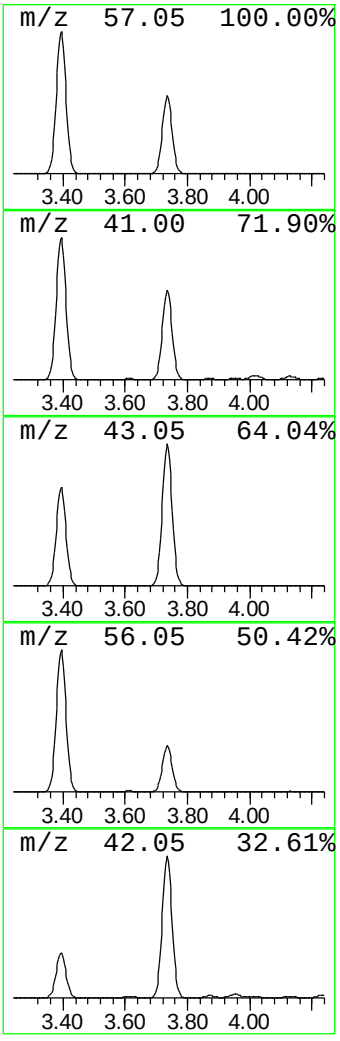
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	125.60 ug/L	15898100	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	91
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

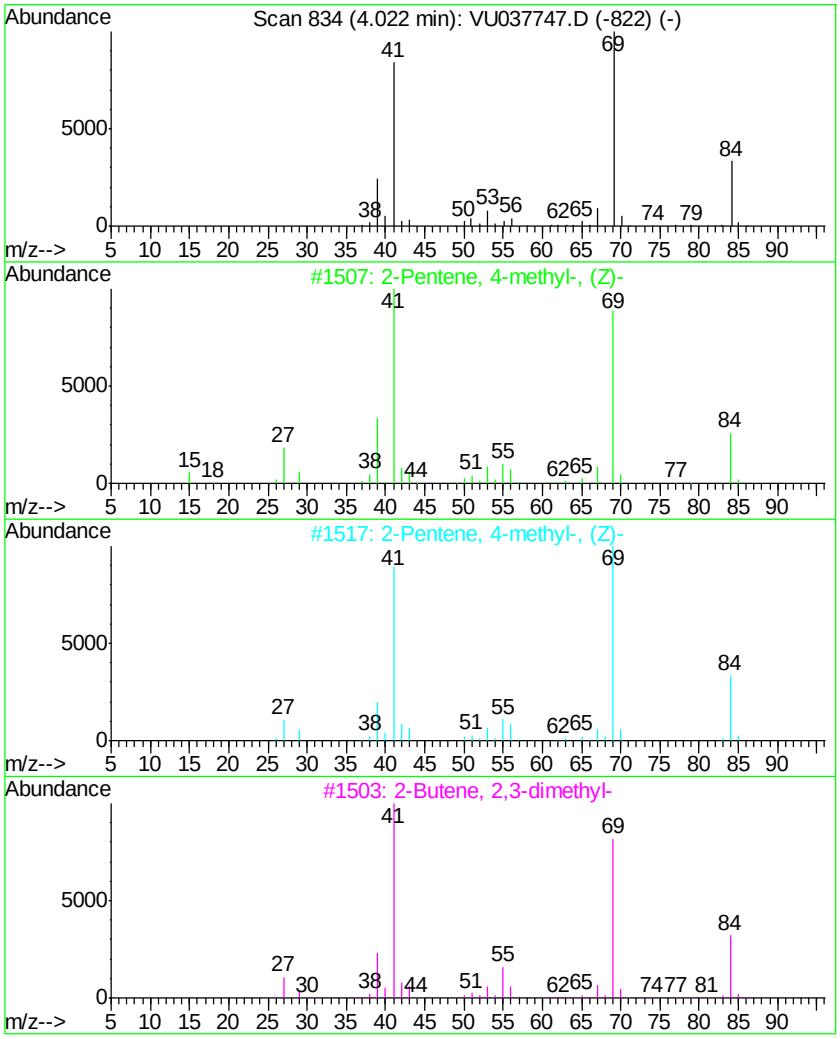
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

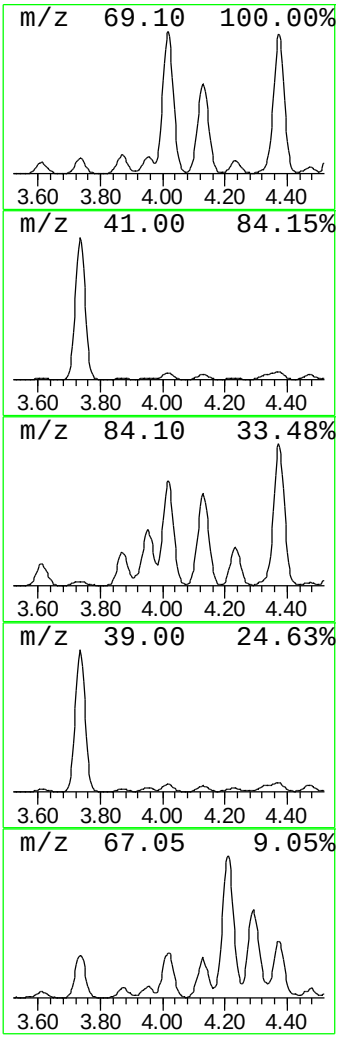
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	4.67 ug/L	590851	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	78
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

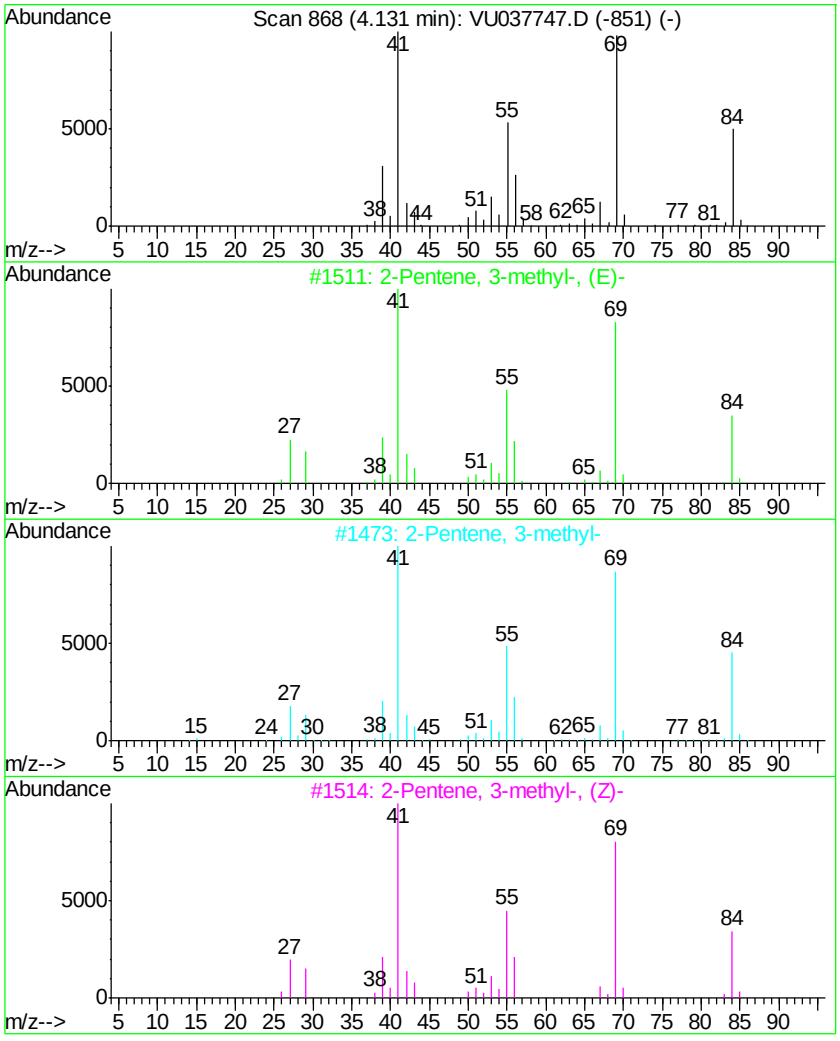
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

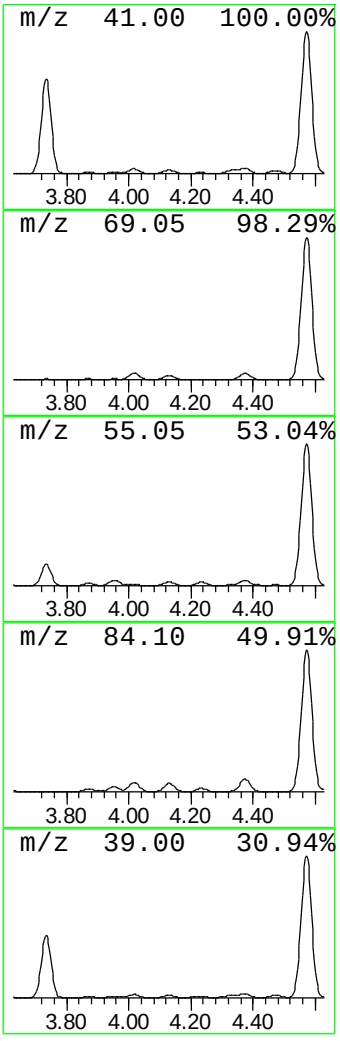
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	4.26 ug/L	539276	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	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\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

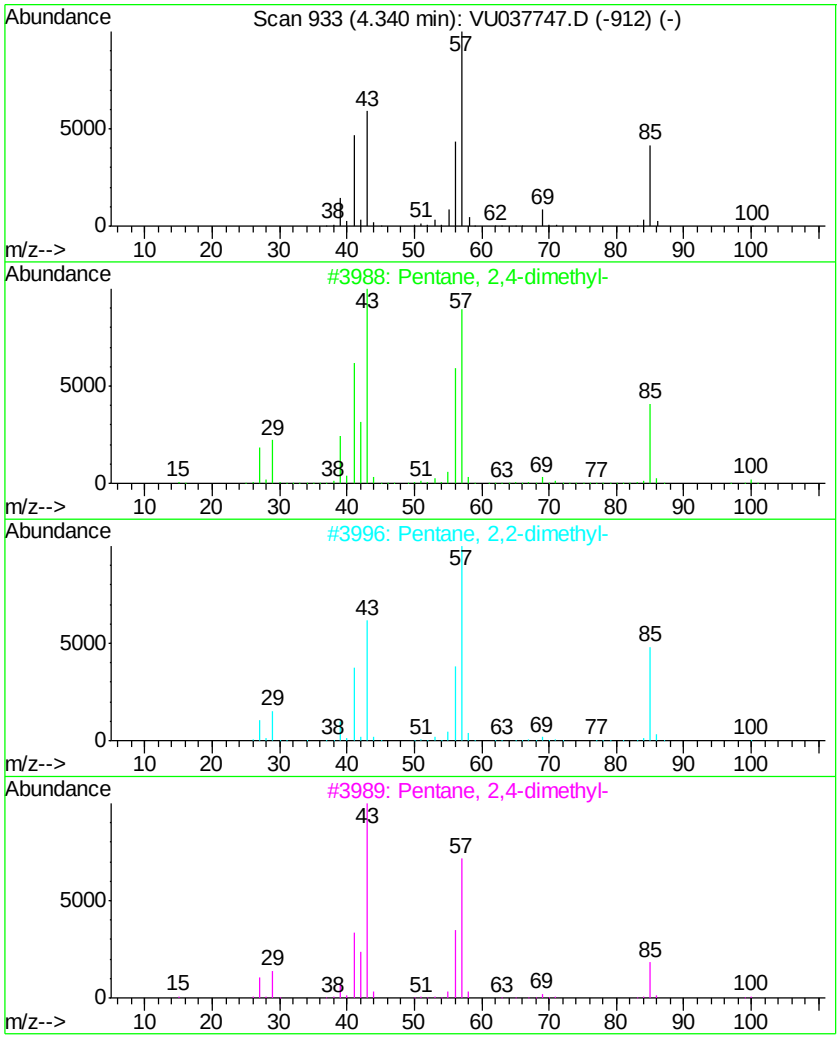
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

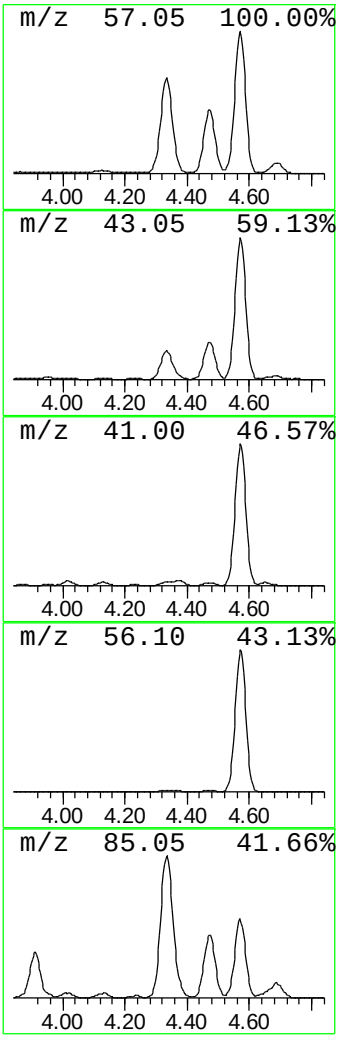
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	7.73 ug/L	978445	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

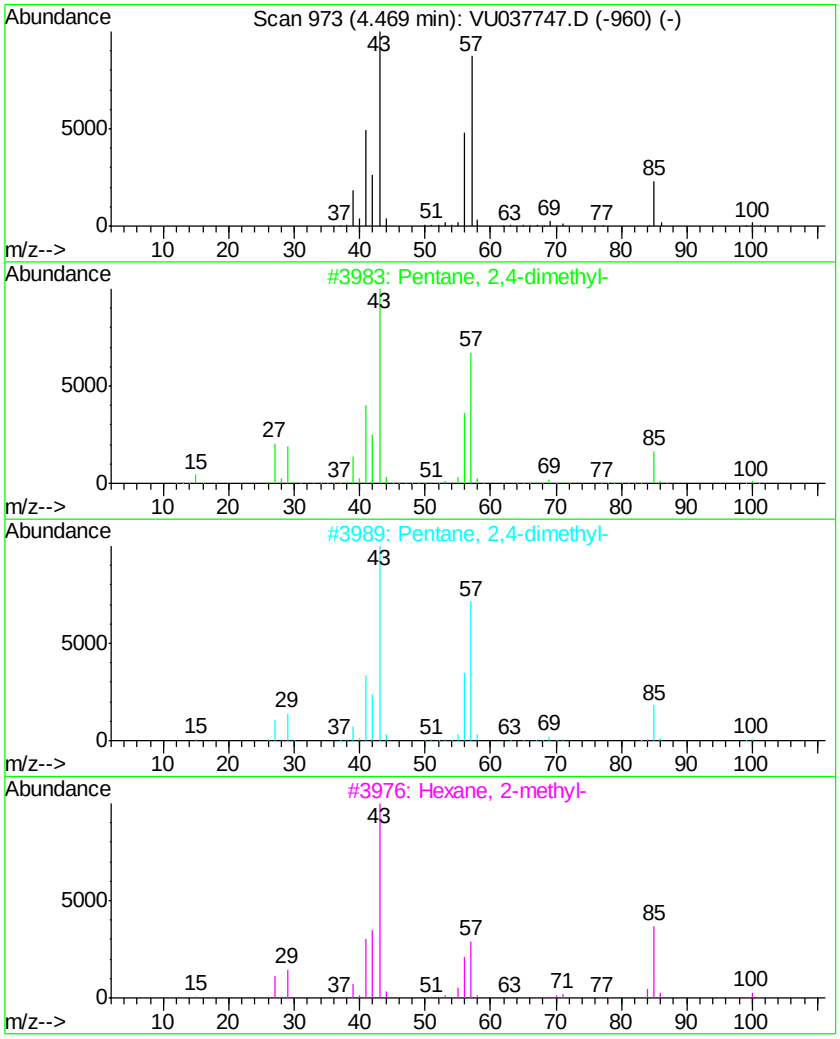
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

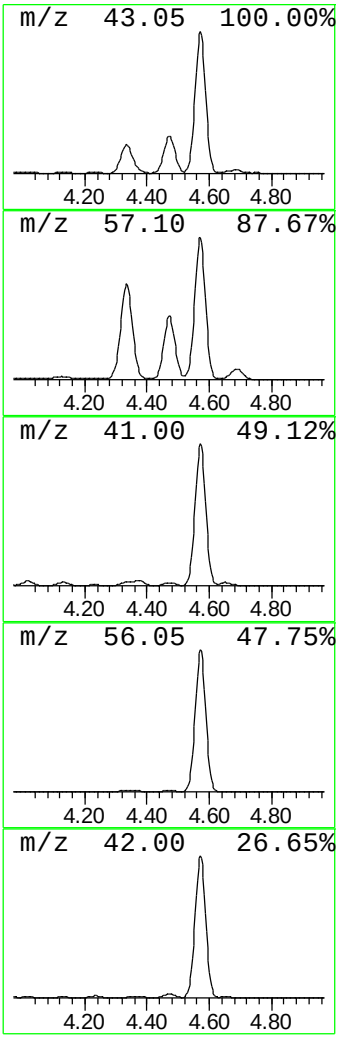
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	5.92 ug/L	749838	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

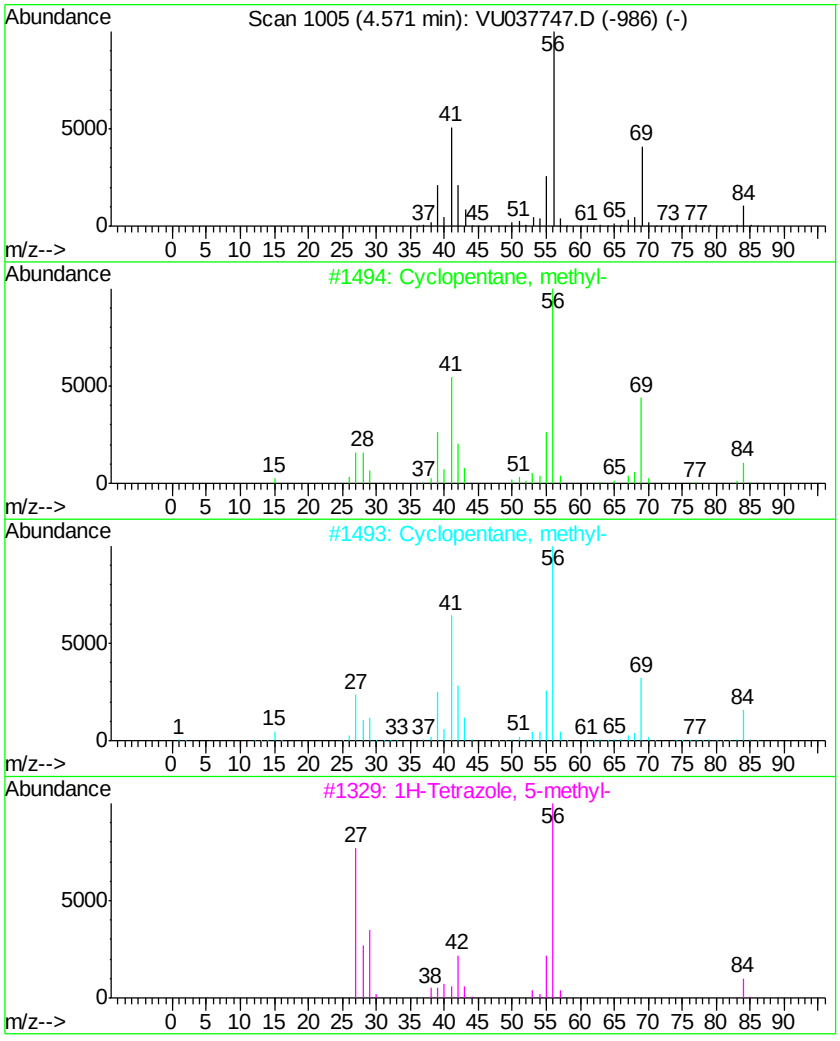
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

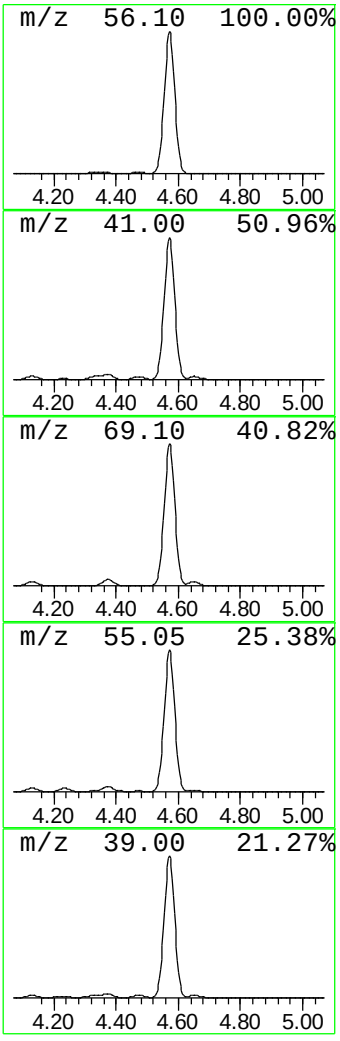
****

Peak Number 8 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	231.54 ug/L	29307700	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	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

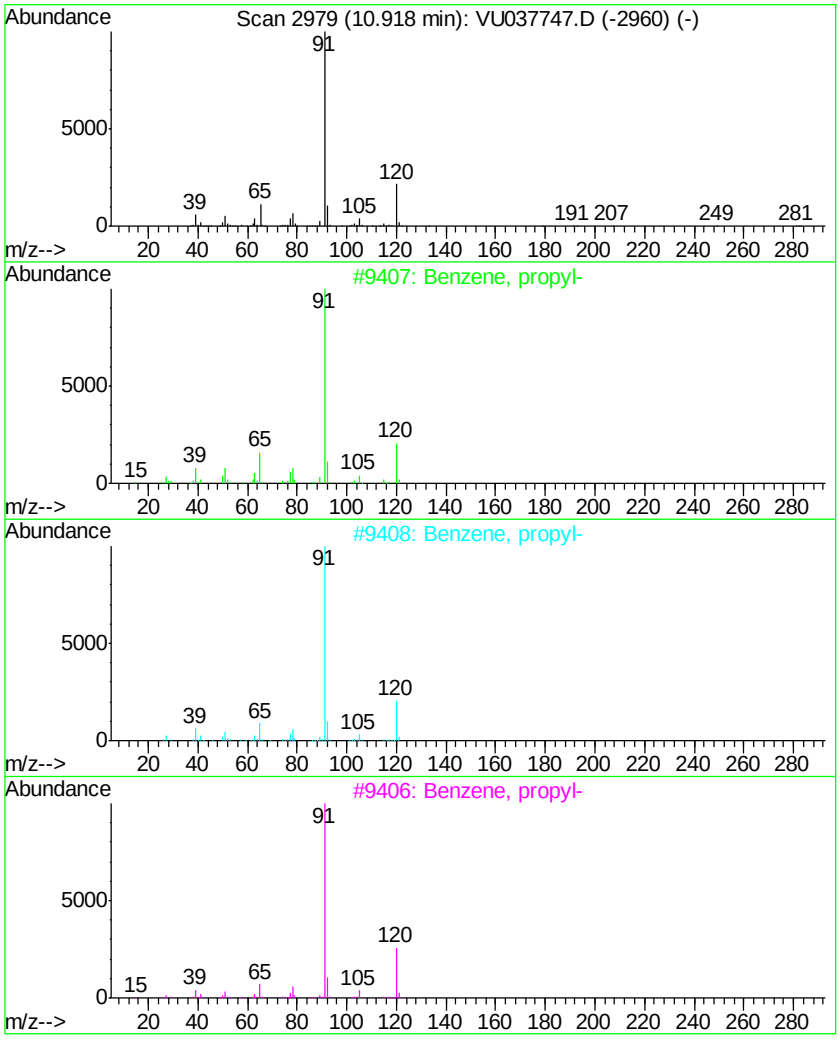
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

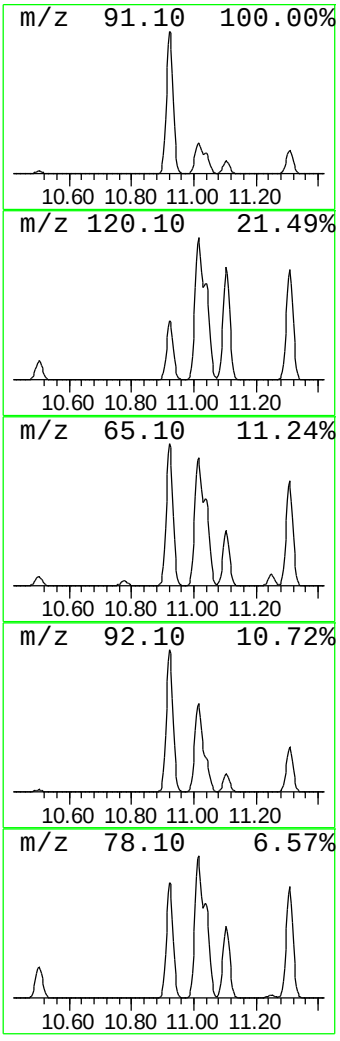
****

Peak Number 9 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.84 ug/L	1906830	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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

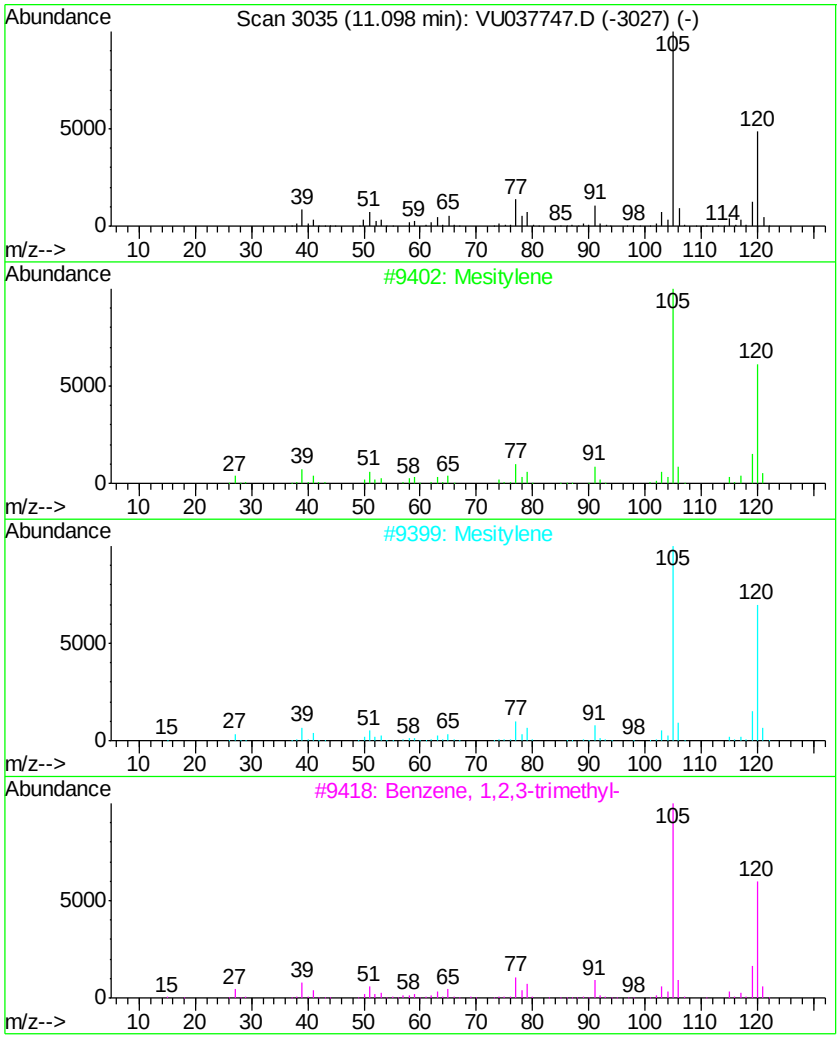
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

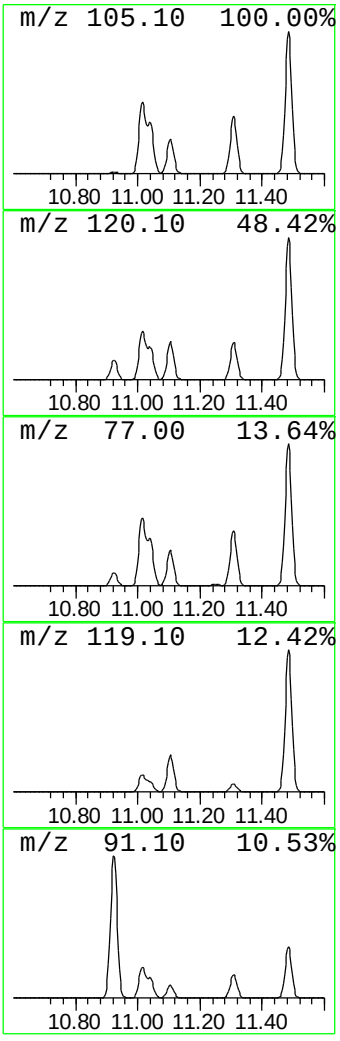
****

Peak Number 11 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	5.94 ug/L	2343590	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

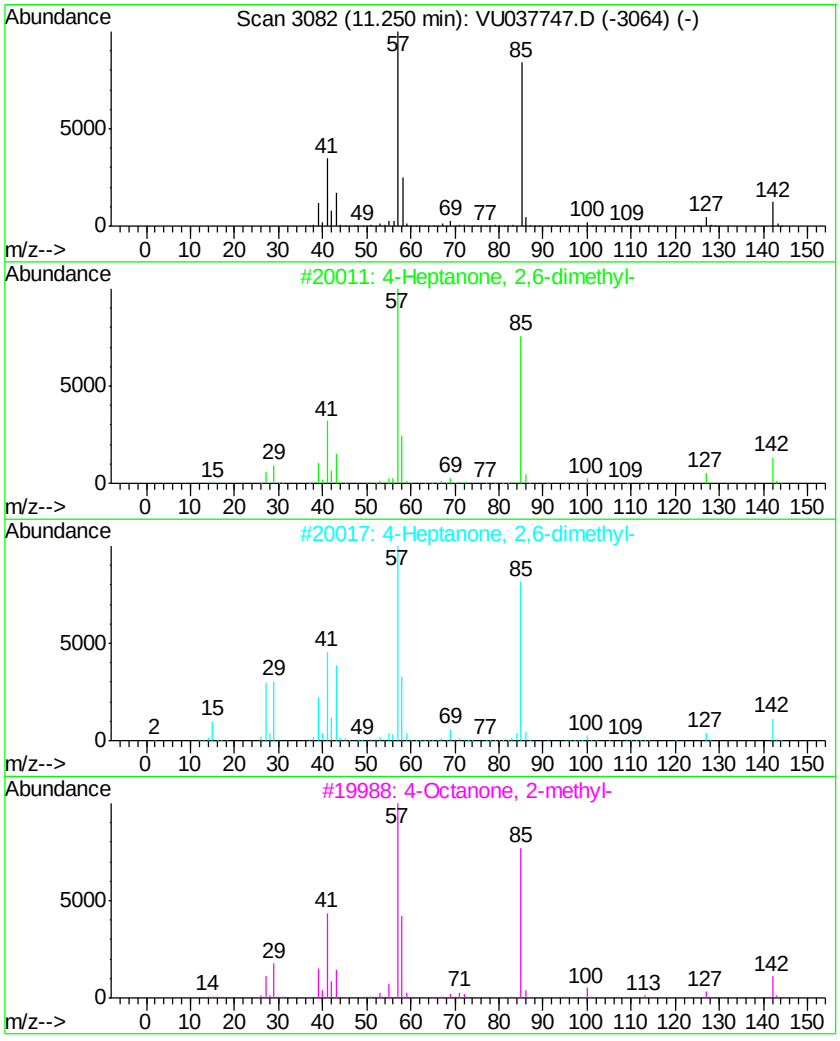
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

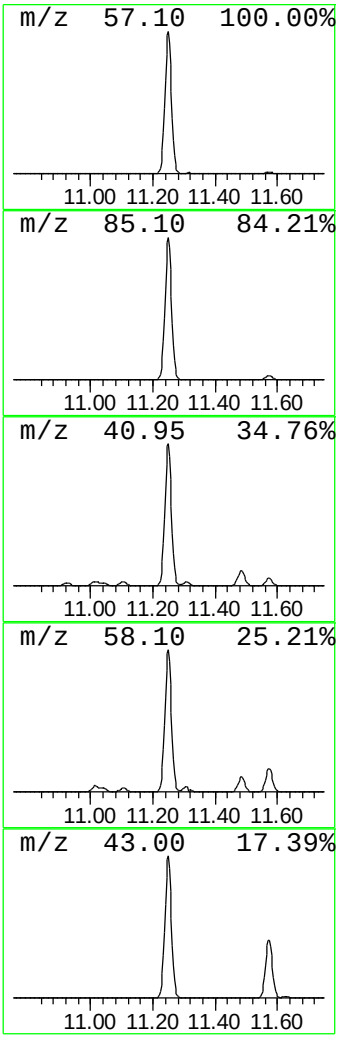
****

Peak Number 12 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	22.12 ug/L	8721700	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	72
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	5-Nonanone	142	C9H18O	000502-56-7	64
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

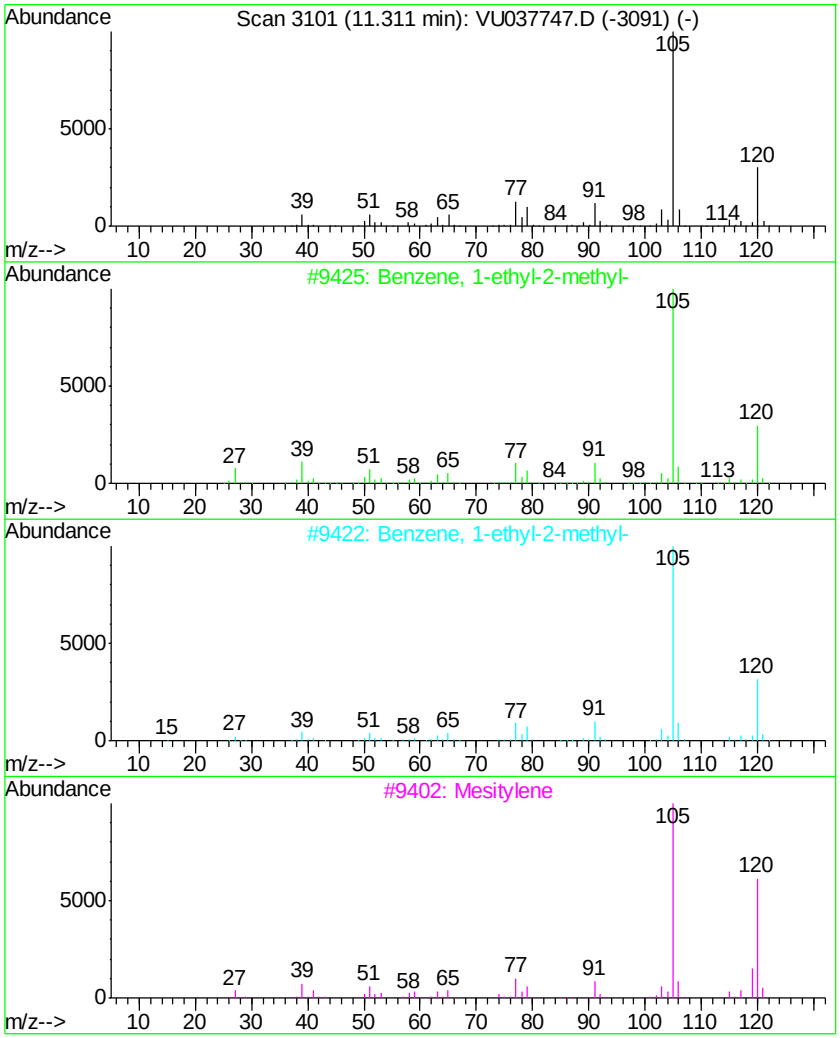
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

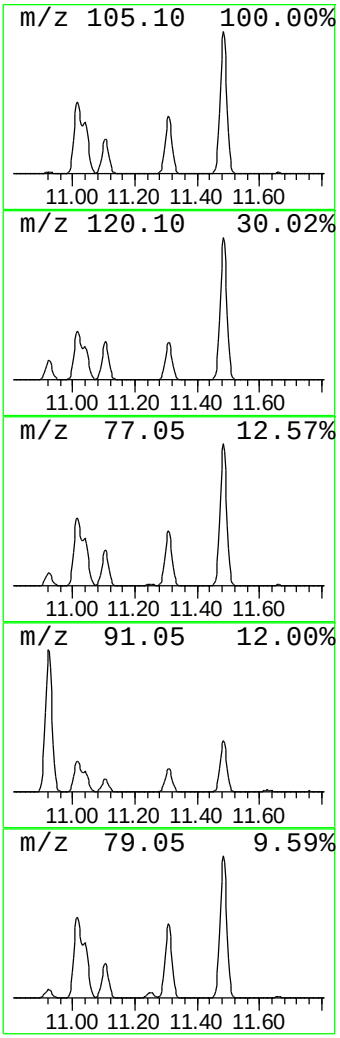
****

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	8.65 ug/L	3411060	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

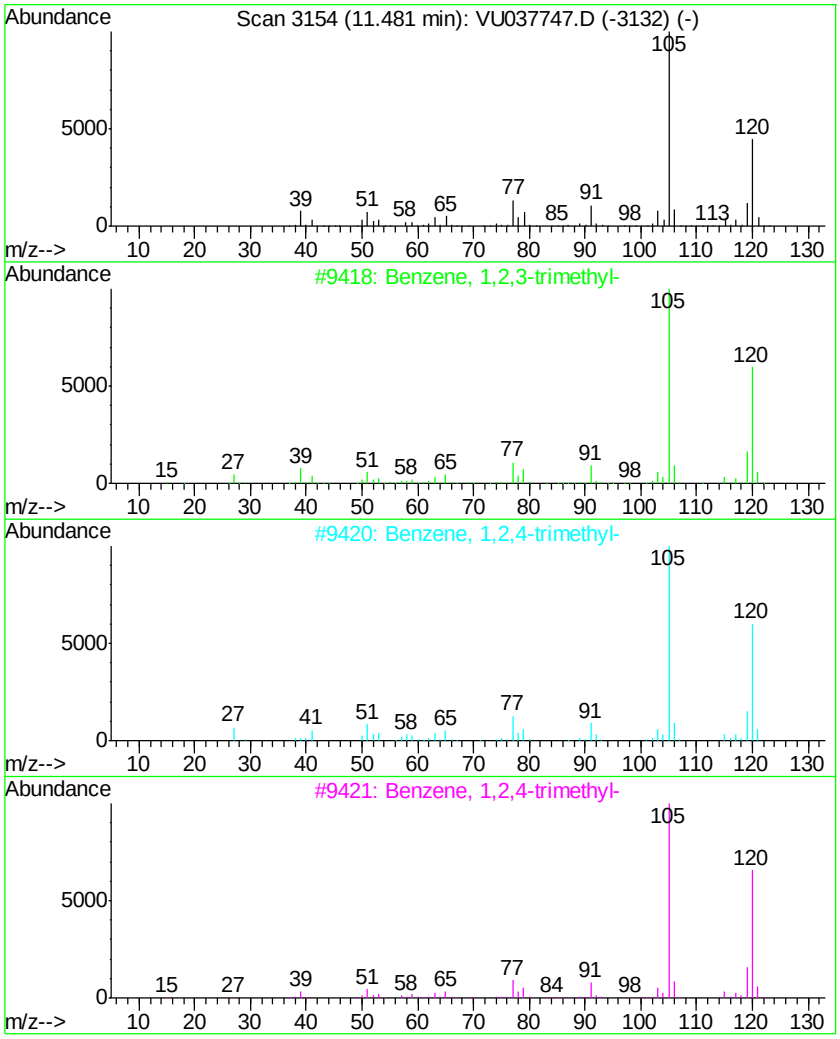
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

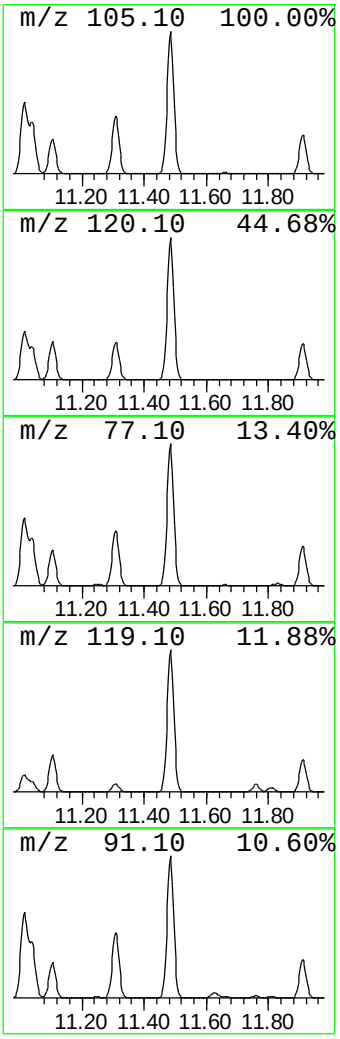
****

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	23.40 ug/L	9224980	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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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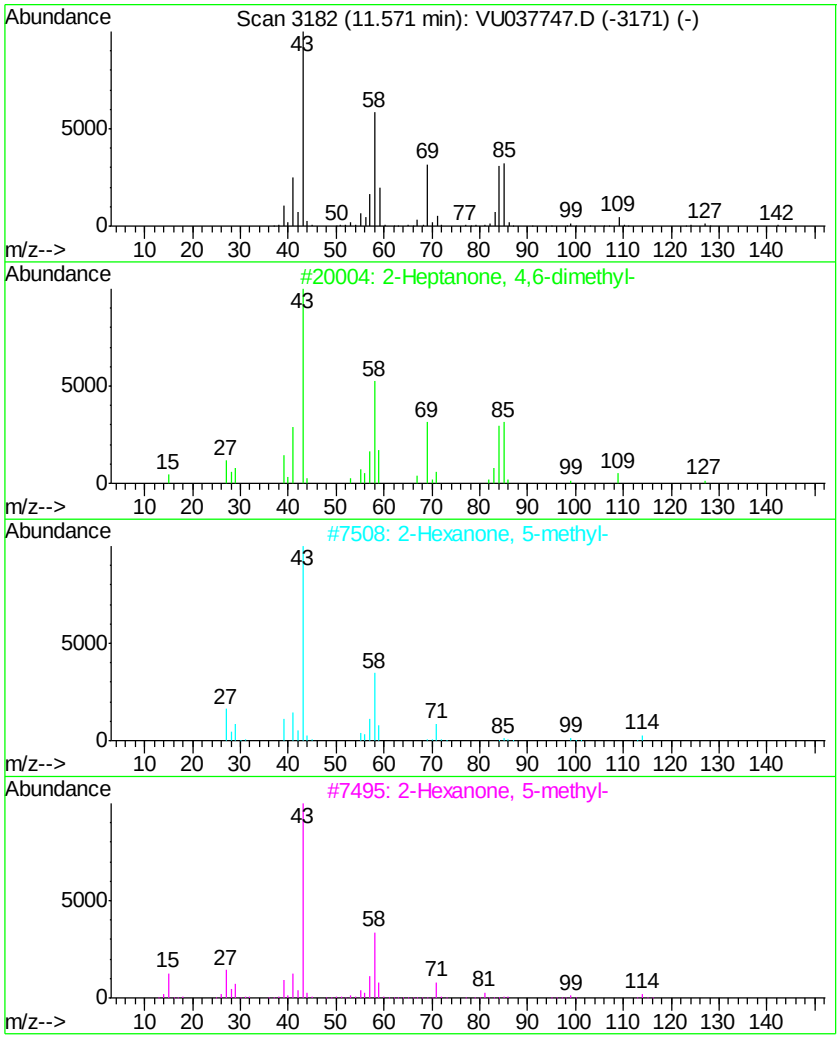
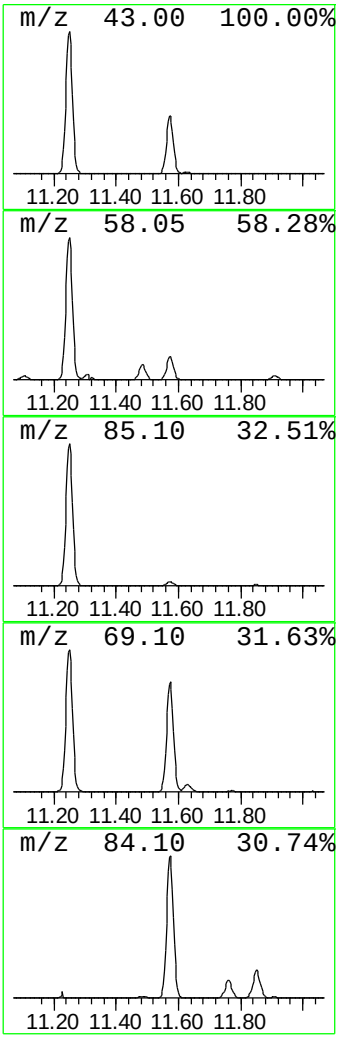
Peak Number 15 2-Heptanone, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	1.93 ug/L	761495	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	47
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	43
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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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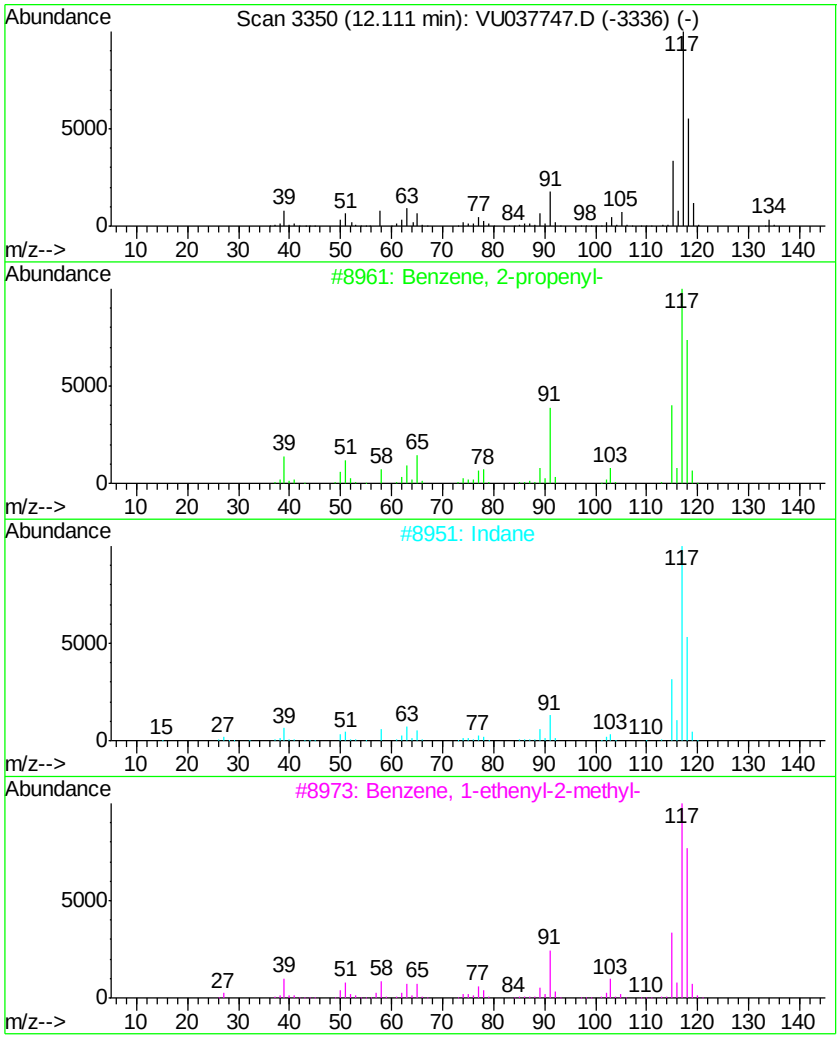
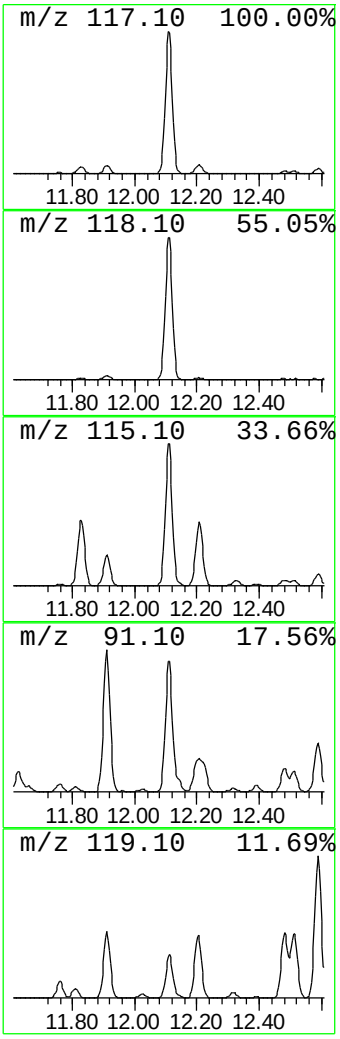
Peak Number 17 Benzene, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.57 ug/L	1801590	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Indane	118	C9H10	000496-11-7	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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

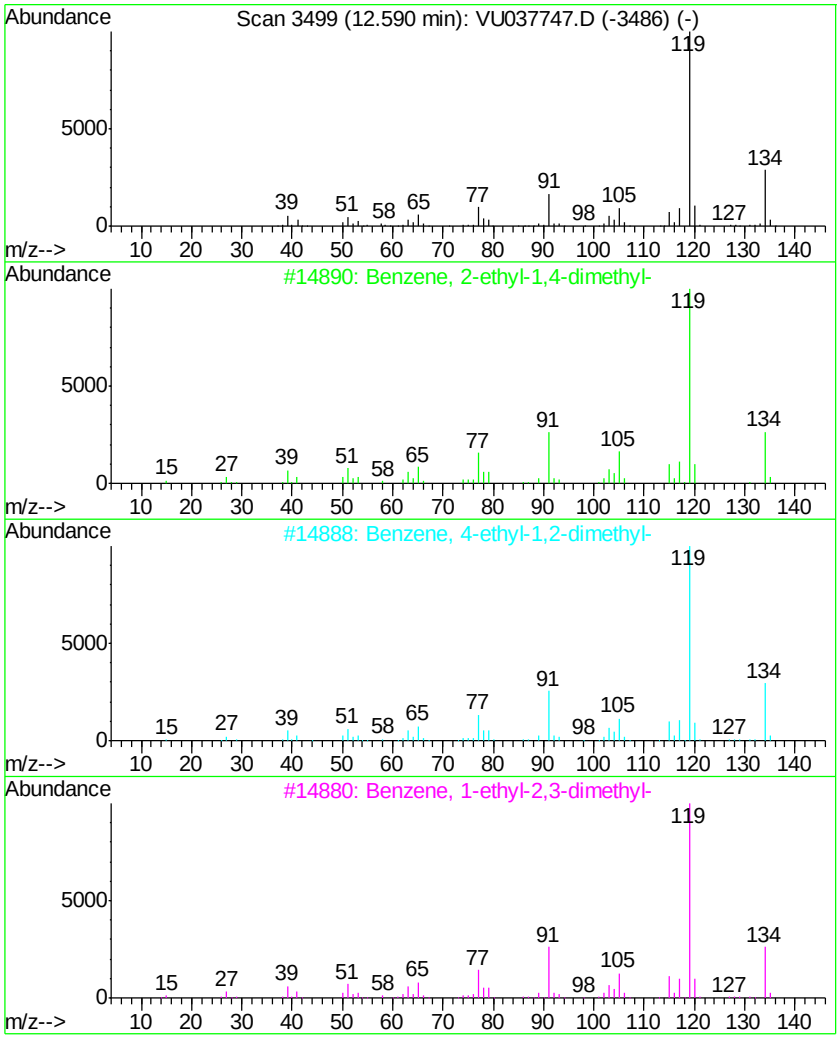
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

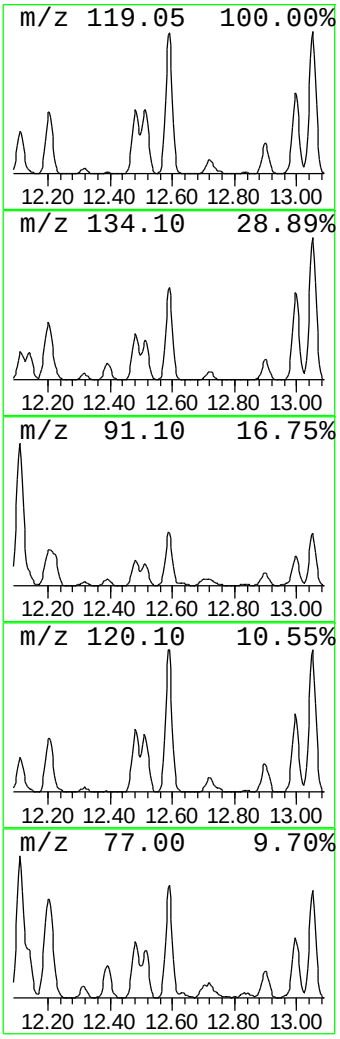
****

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	1.28 ug/L	503085	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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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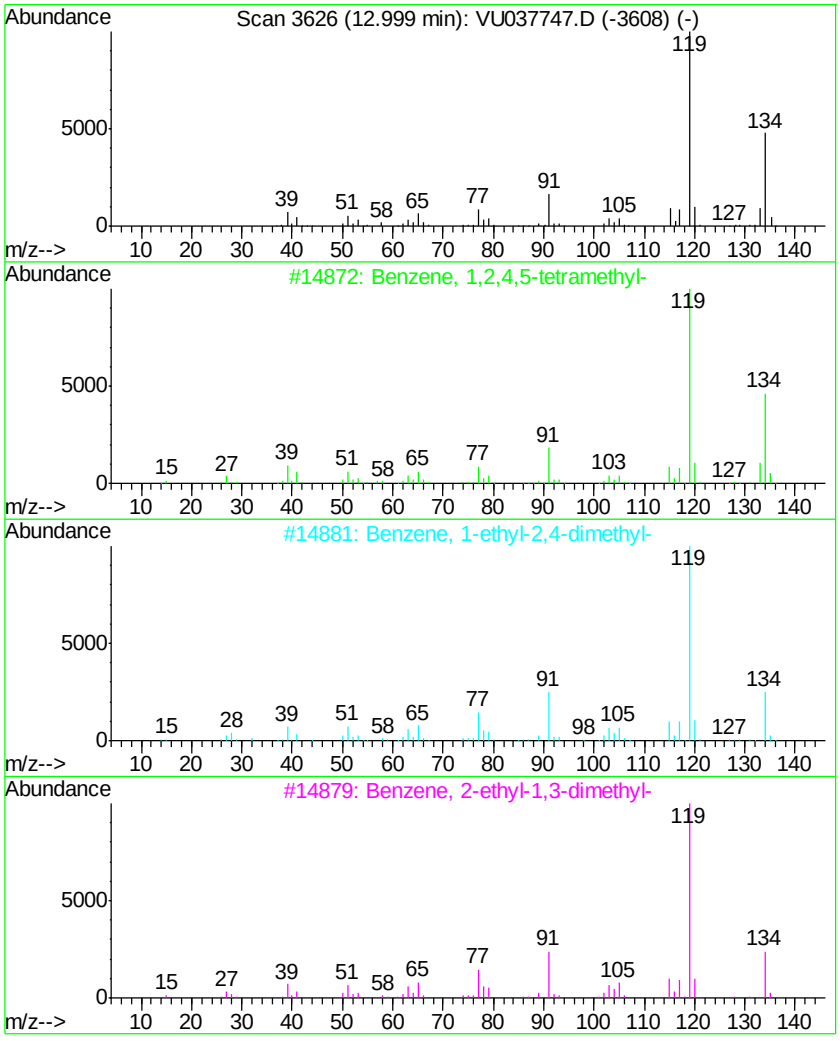
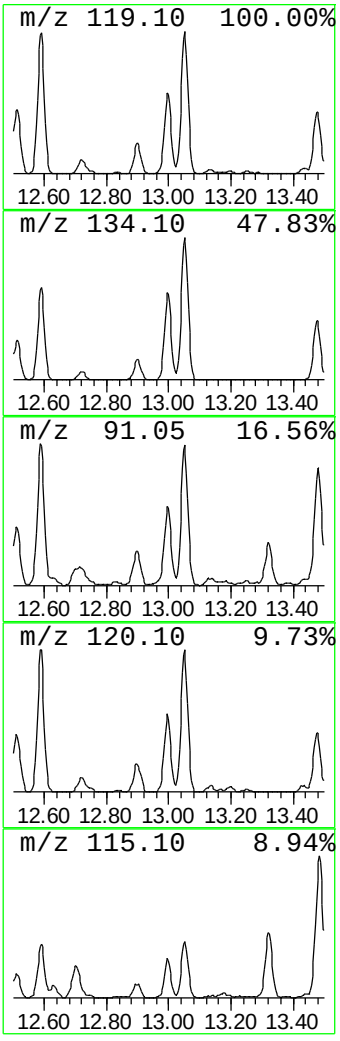
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	0.82 ug/L	324353	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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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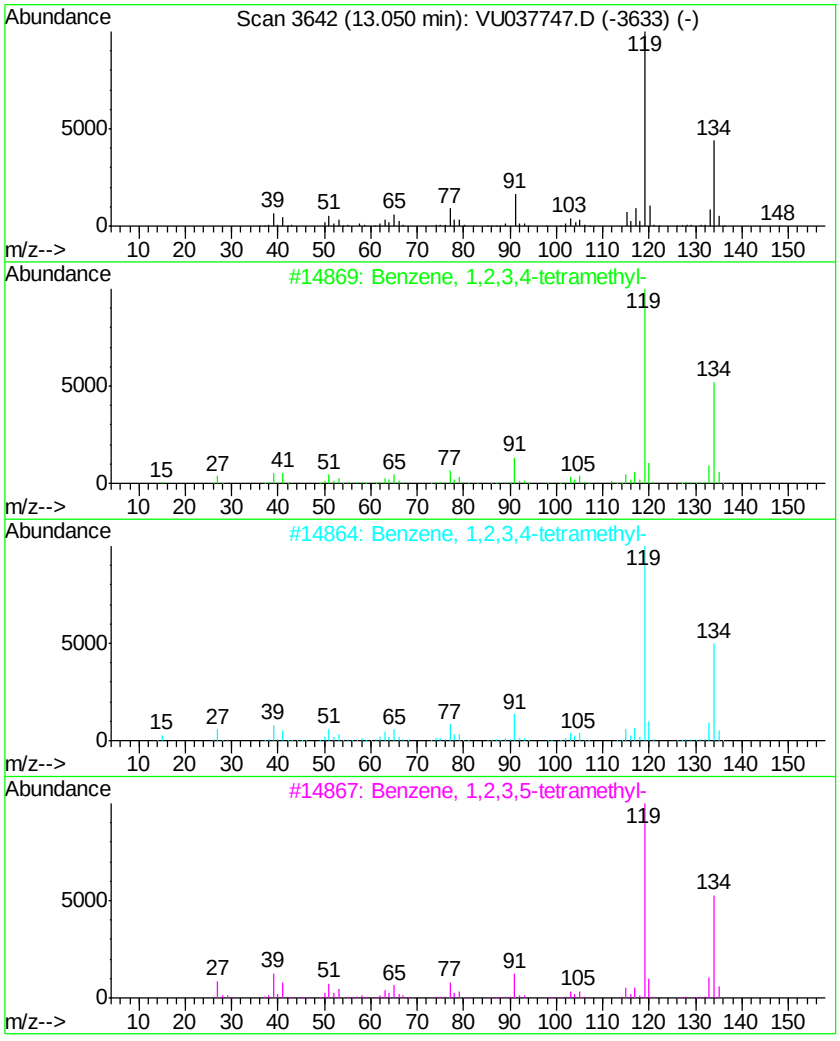
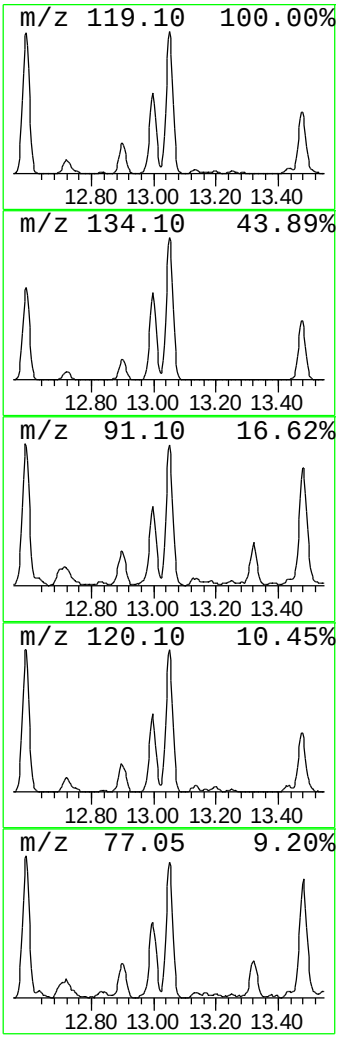
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	1.41 ug/L	557218	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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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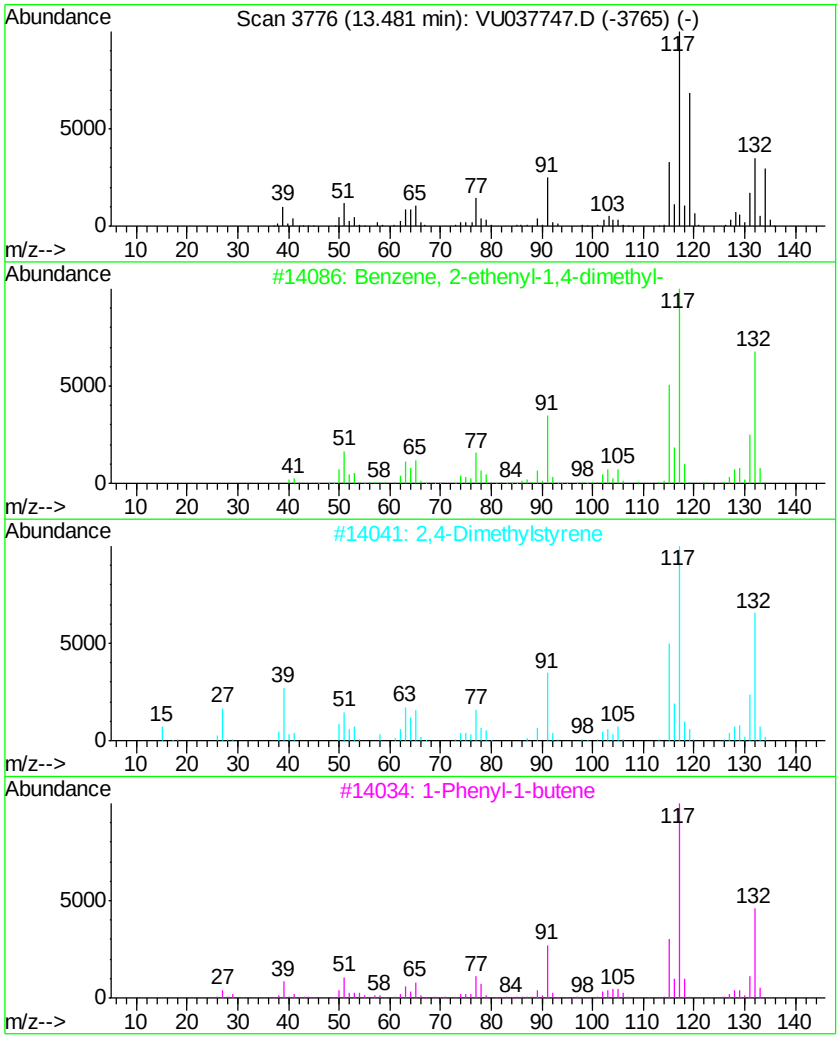
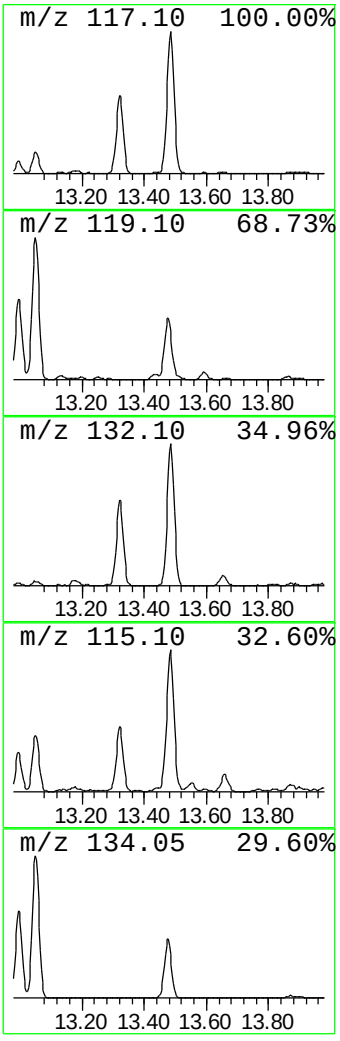
Peak Number 21 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.48 ug/L	585134	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037747.D
Acq On : 16 Apr 2020 12:07
Operator : JC/MD
Sample : L2296-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS89

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	16.1	ug/L	2043740	1	6.28	632888	5.0
(DEL) Alkane: Str...	3.11	68.6	ug/L	8677850	1	6.28	632888	5.0
(DEL) Alkane: Str...	3.74	125.6	ug/L	15898100	1	6.28	632888	5.0
(DEL) Alkane: Str...	4.02	4.7	ug/L	590851	1	6.28	632888	5.0
(DEL) Alkane: Str...	4.13	4.3	ug/L	539276	1	6.28	632888	5.0
(DEL) Alkane: Str...	4.34	7.7	ug/L	978445	1	6.28	632888	5.0
(DEL) Alkane: Str...	4.47	5.9	ug/L	749838	1	6.28	632888	5.0
(DEL) Alkane: Cyc...	4.57	231.5	ug/L	29307700	1	6.28	632888	5.0
Benzene, propyl-	10.92	4.8	ug/L	1906830	3	11.83	1971260	5.0
Mesitylene	11.10	5.9	ug/L	2343590	3	11.83	1971260	5.0
4-Heptanone, 2,6-...	11.25	22.1	ug/L	8721700	3	11.83	1971260	5.0
Benzene, 1-ethyl-...	11.31	8.7	ug/L	3411060	3	11.83	1971260	5.0
Benzene, 1,2,3-tr...	11.48	23.4	ug/L	9224980	3	11.83	1971260	5.0
2-Heptanone, 4,6-...	11.57	1.9	ug/L	761495	3	11.83	1971260	5.0
Benzene, 2-propenyl-	12.11	4.6	ug/L	1801590	3	11.83	1971260	5.0
Benzene, 2-ethyl-...	12.59	1.3	ug/L	503085	3	11.83	1971260	5.0
Benzene, 1,2,4,5-...	13.00	0.8	ug/L	324353	3	11.83	1971260	5.0
Benzene, 1,2,3,4-...	13.05	1.4	ug/L	557218	3	11.83	1971260	5.0
Benzene, 2-etheny...	13.48	1.5	ug/L	585134	3	11.83	1971260	5.0