LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82U061318W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.088	141	155	177	rBV	1078571	1251825	100.00%	12.616%
2	1.449	258	267	270	rBV	22633	37648	3.01%	0.379%
3	2.323	530	539	552	rVB	63055	98101	7.84%	0.989%
4	2.445	567	577	596	rVB	39577	69227	5.53%	0.698%
5	3.005	739	751	765	rVB4	5786	13183	1.05%	0.133%
6	3.805	987	1000	1020	rBV2	24566	55532	4.44%	0.560%
7	4.272	1133	1145	1168	rBV	27109	65845	5.26%	0.664%
8	4.571	1225	1238	1258	rBV2	11095	29359	2.35%	0.296%
9	4.889	1316	1337	1353	rBV2	185045	417836	33.38%	4.211%
10	4.989	1354	1368	1388	rVB	245165	537362	42.93%	5.416%
11	5.313	1454	1469	1492	rBV	182227	388948	31.07%	3.920%
12	5.892	1634	1649	1668	rBV	360177	707813	56.54%	7.133%
13	6.304	1767	1777	1790	rBV3	8815	17967	1.44%	0.181%
14	6.426	1803	1815	1829	rVB4	9714	20304	1.62%	0.205%
15	7.468	2128	2139	2151	rBV2	17013	31001	2.48%	0.312%
16	7.570	2151	2171	2190	rBV	657856	1180668	94.32%	11.899%
17	7.921	2268	2280	2292	rBV5	8867	17877	1.43%	0.180%
18	8.169	2345	2357	2370	rBV2	37601	66260	5.29%	0.668%
19	8.641	2499	2504	2516	rVB3	8177	13831	1.10%	0.139%
20	9.095	2632	2645	2667	rBV	509533	851338	68.01%	8.580%
21	9.371	2712	2731	2737	rBV	5476	14346	1.15%	0.145%
22	9.728	2828	2842	2854	rBV	6053	17366	1.39%	0.175%
23	9.931	2889	2905	2909	rBV4	9504	17946	1.43%	0.181%
24	9.956	2910	2913	2923	rVB5	10924	13823	1.10%	0.139%
25	10.049	2932	2942	2951	rBV7	10342	22821	1.82%	0.230%
26	10.168	2969	2979	2991	rBV2	26654	41001	3.28%	0.413%
27	10.310	3005	3023	3040	rBV	486534	794834	63.49%	8.010%
28	10.493	3073	3080	3089	rVB7	10673	17380	1.39%	0.175%
29	10.593	3102	3111	3119	rBV	29275	44037	3.52%	0.444%
30	10.988	3222	3234	3247	rBV	8106	19264	1.54%	0.194%
31	11.101	3253	3269	3278	rBV7	8168	20811	1.66%	0.210%
32	11.294	3312	3329	3332	rBV4	12640	24806	1.98%	0.250%
33	11.329	3333	3340	3354	rVB2	33281	58897	4.70%	0.594%
34	11.487	3378	3389	3404	rBV	566530	892747	71.32%	8.997%

LSC Area Percent Report

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Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82U061318W.M
Title : SW846 8260

35	11.750	3461	3471	3496	rBV3	95029	271485	21.69%	2.736%
36	11.869	3498	3508	3526	rVB10	24994	69676	5.57%	0.702%
37	11.985	3537	3544	3557	rVB3	18633	28336	2.26%	0.286%
38	12.255	3613	3628	3634	rBV	68767	108394	8.66%	1.092%
39	12.291	3635	3639	3650	rVB5	26280	39587	3.16%	0.399%
40	12.358	3651	3660	3681	rBV3	47933	122952	9.82%	1.239%
41	12.512	3698	3708	3711	rBV6	9520	16219	1.30%	0.163%
42	12.541	3712	3717	3730	rVB	22304	33667	2.69%	0.339%
43	12.654	3733	3752	3764	rVB2	56410	115264	9.21%	1.162%
44	12.728	3767	3775	3783	rVB10	9131	13716	1.10%	0.138%
45	12.789	3786	3794	3806	rVB3	17252	27024	2.16%	0.272%
46	12.882	3808	3823	3830	rBV2	14498	26494	2.12%	0.267%
47	12.934	3831	3839	3845	rBV4	15716	25551	2.04%	0.258%
48	13.123	3885	3898	3907	rBV3	150079	241203	19.27%	2.431%
49	13.458	3996	4002	4010	rVB3	16788	24986	2.00%	0.252%
50	13.512	4010	4019	4027	rBV3	43914	66972	5.35%	0.675%
51	13.583	4028	4041	4044	rBV6	18136	34463	2.75%	0.347%
52	13.612	4047	4050	4057	rVB	15276	17733	1.42%	0.179%
53	13.744	4077	4091	4100	rBV2	44915	89639	7.16%	0.903%
54	13.789	4100	4105	4118	rVB2	20691	33331	2.66%	0.336%
55	13.860	4118	4127	4141	rBV4	26094	51580	4.12%	0.520%
56	13.959	4143	4158	4169	rBV6	30775	67025	5.35%	0.675%
57	14.020	4170	4177	4185	rVB6	10765	16596	1.33%	0.167%
58	14.155	4210	4219	4224	rBV2	11398	20069	1.60%	0.202%
59	14.352	4266	4280	4294	rBV6	45954	103866	8.30%	1.047%
60	14.480	4313	4320	4330	rVB2	13575	22186	1.77%	0.224%
61	14.548	4330	4341	4352	rVB6	18292	36563	2.92%	0.368%
62	14.609	4353	4360	4372	rBV5	9212	15269	1.22%	0.154%
63	14.680	4373	4382	4400	rBV4	40633	78909	6.30%	0.795%
64	14.882	4433	4445	4454	rBV3	30923	66138	5.28%	0.667%
65	14.937	4456	4462	4476	rVB5	14811	28766	2.30%	0.290%
66	15.069	4492	4503	4516	rBV5	22359	46199	3.69%	0.466%
67	15.589	4659	4665	4683	rVB6	11289	23938	1.91%	0.241%
68	15.924	4760	4769	4778	rBV5	10930	17996	1.44%	0.181%
69	16.065	4805	4813	4821	rBV3	21706	32937	2.63%	0.332%
70	16.744	5015	5024	5033	rBV3	8912	15787	1.26%	0.159%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82U061318W.M
Title : SW846 8260

Sum of corrected areas: 9922520

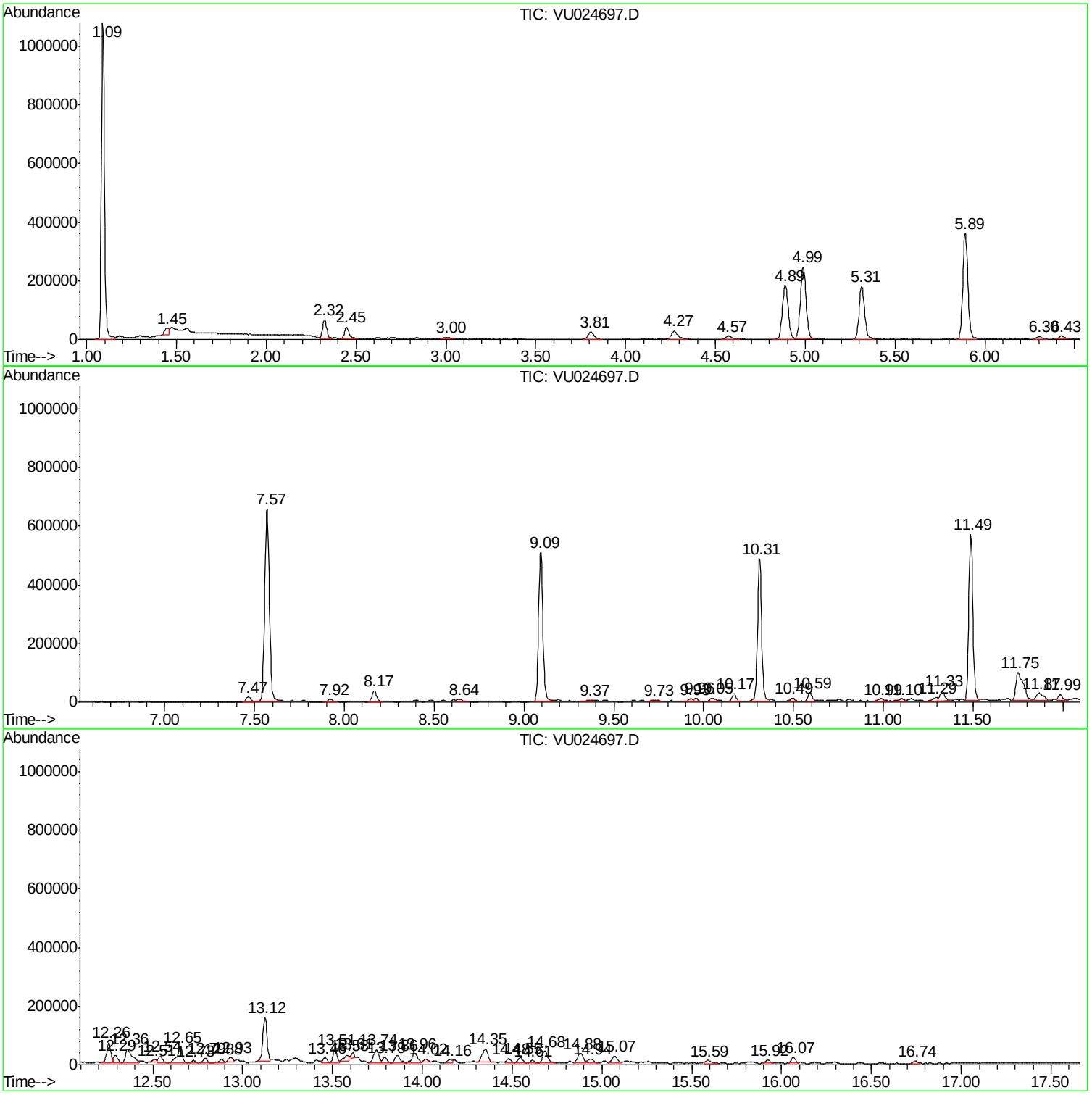
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

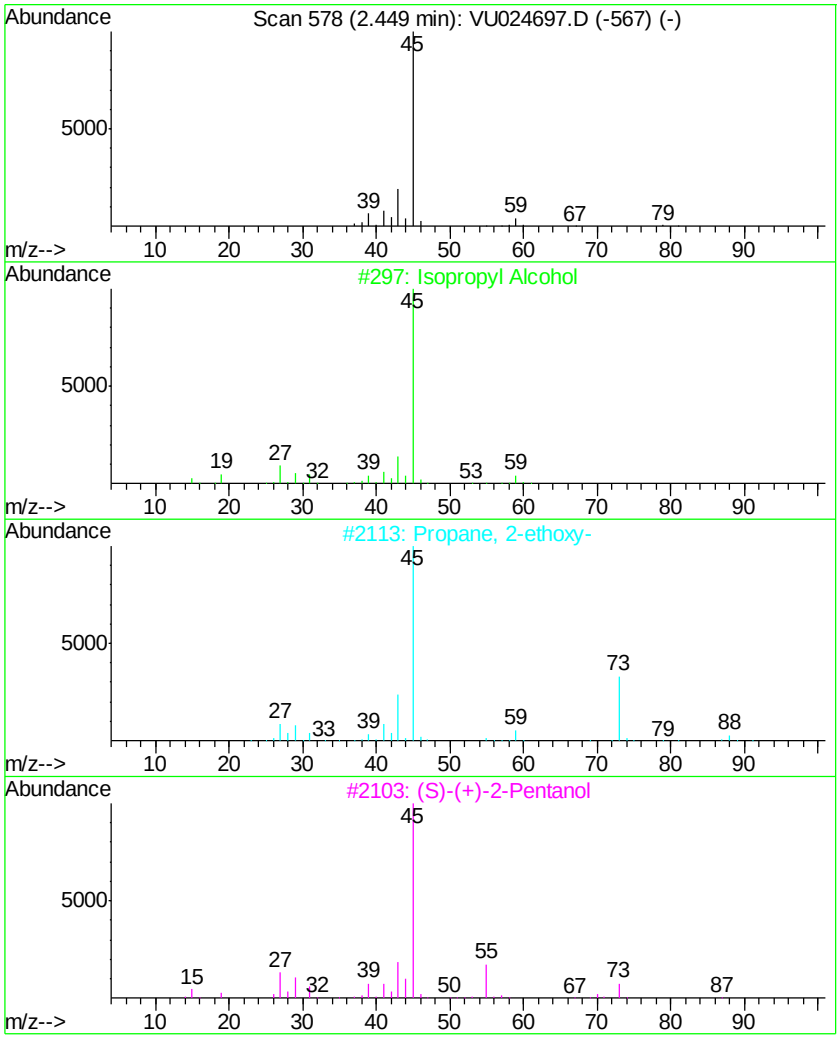
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

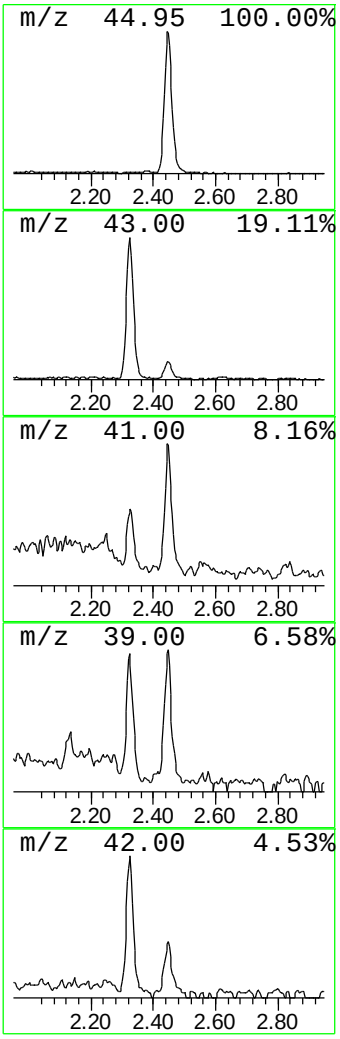
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	6.44 ug/l	69227	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9
4	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

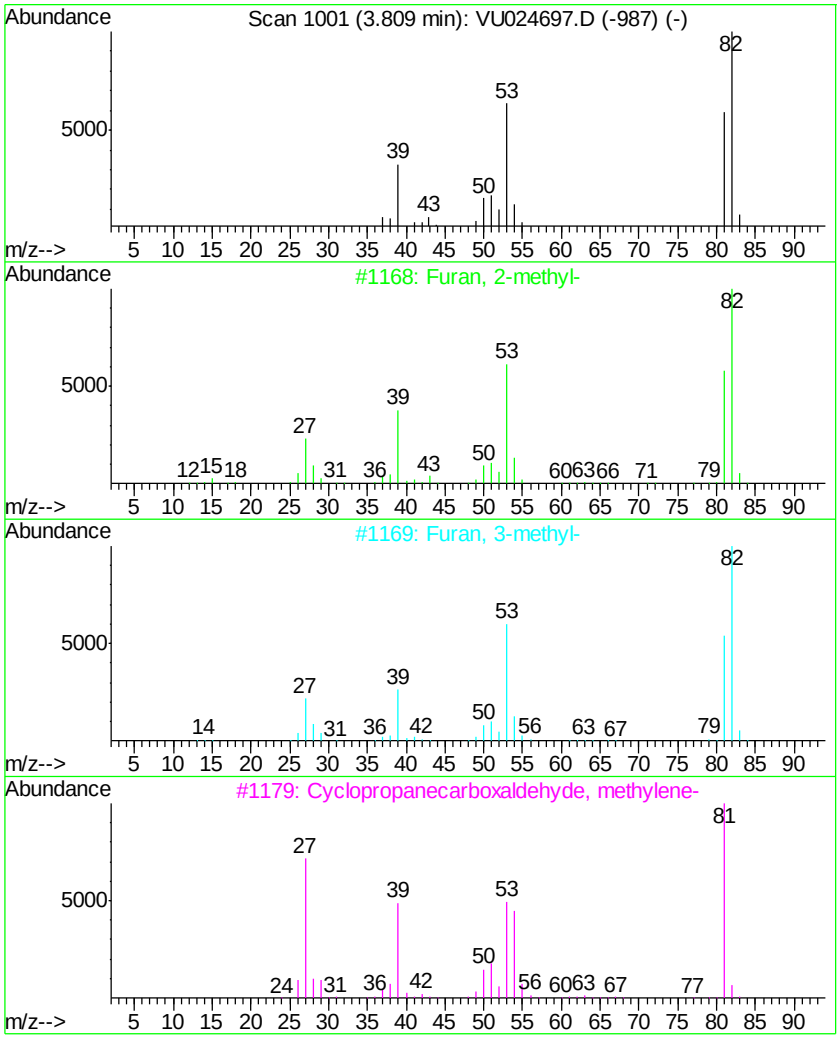
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

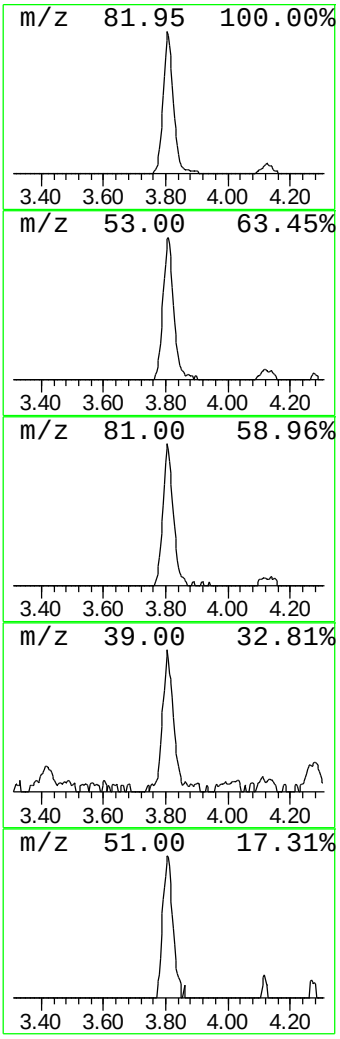
****

Peak Number 3 Furan, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	5.17 ug/l	55532	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-methyl-	82	C5H6O	000534-22-5	91
2	Furan, 3-methyl-	82	C5H6O	000930-27-8	90
3	Cyclopropanecarboxaldehyde, meth...	82	C5H6O	142423-24-3	53
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	40
5	2-Cyclopenten-1-one	82	C5H6O	000930-30-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

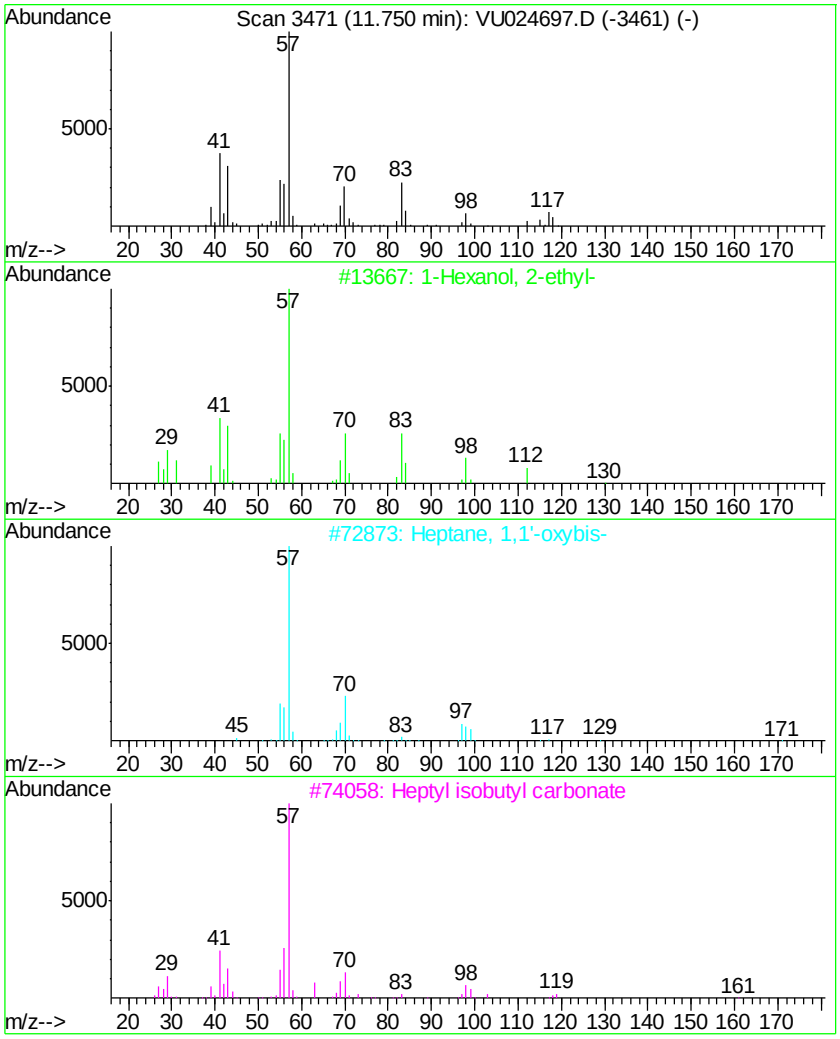
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

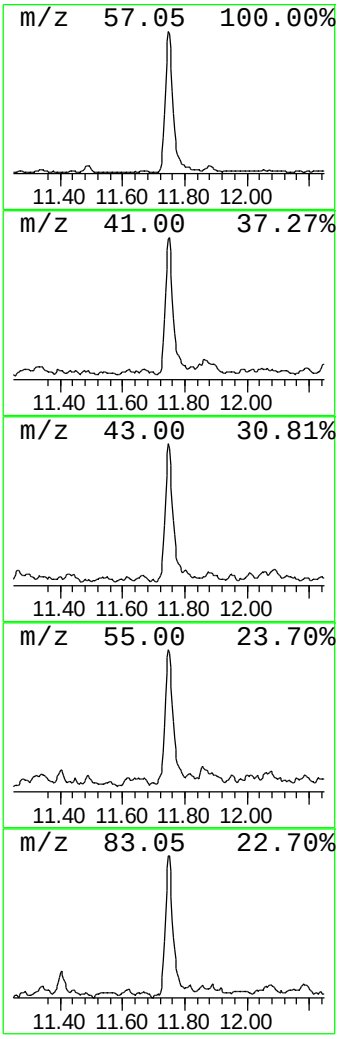
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	15.21 ug/l	271485	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	43
5	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	43





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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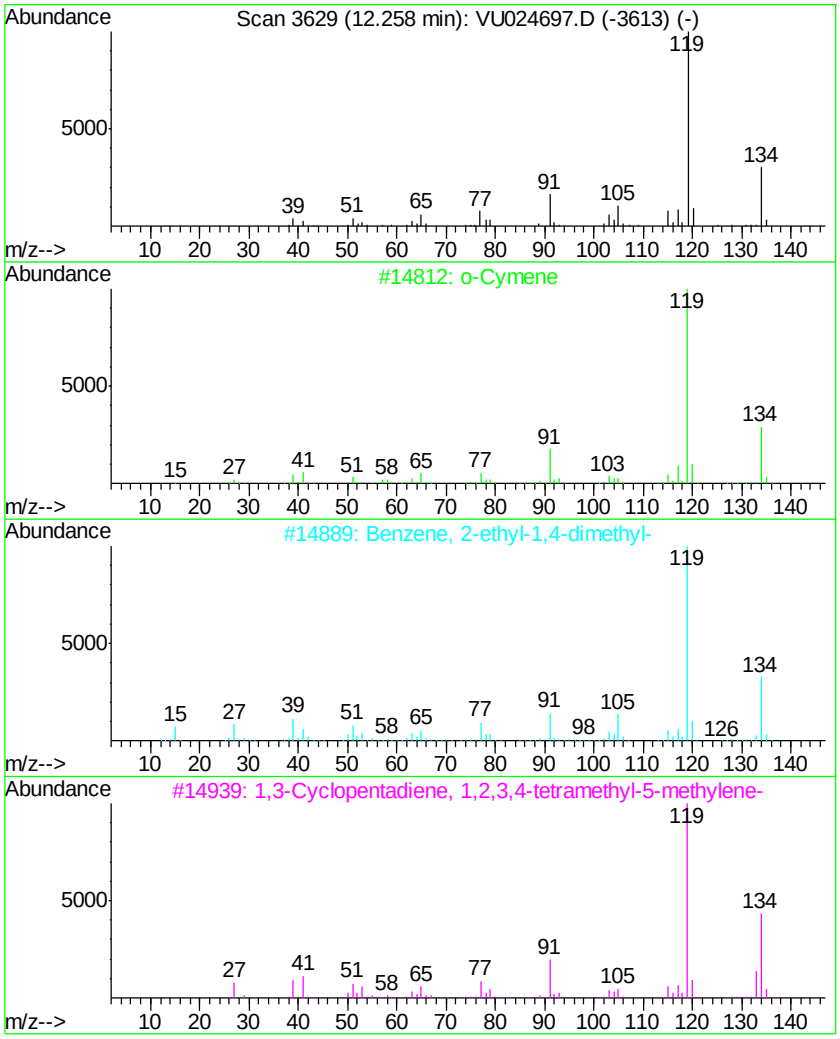
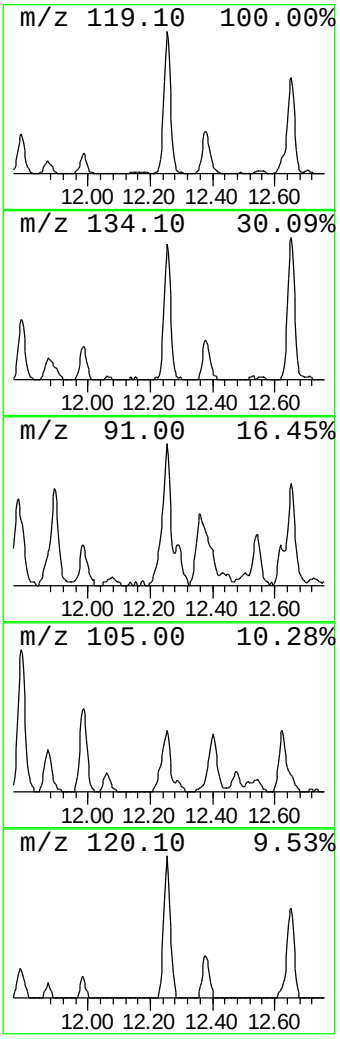
****

Peak Number 5 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.07 ug/l	108394	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

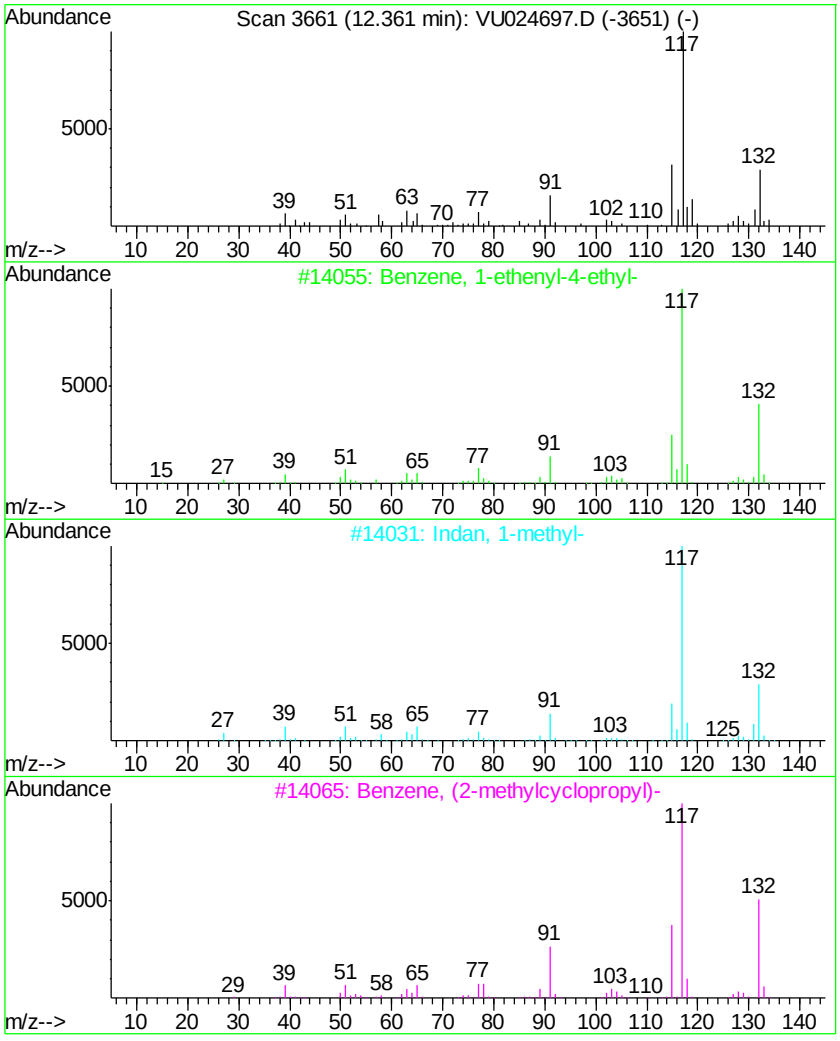
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

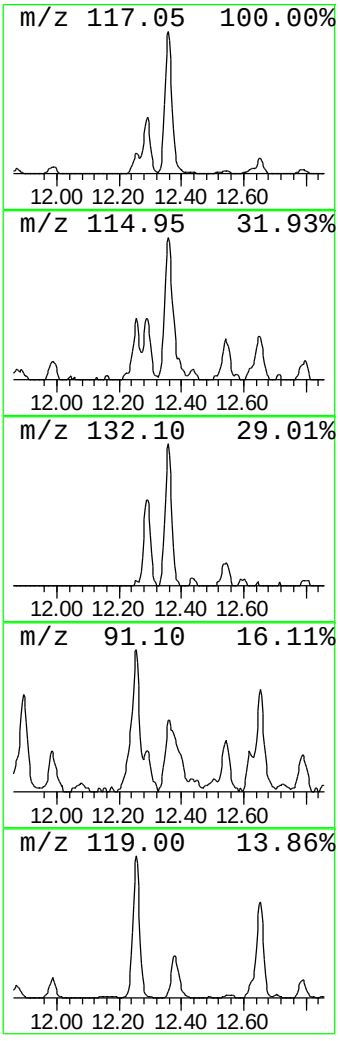
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	6.89 ug/l	122952	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80





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Operator : MD/SY
Sample : J3463-15
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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

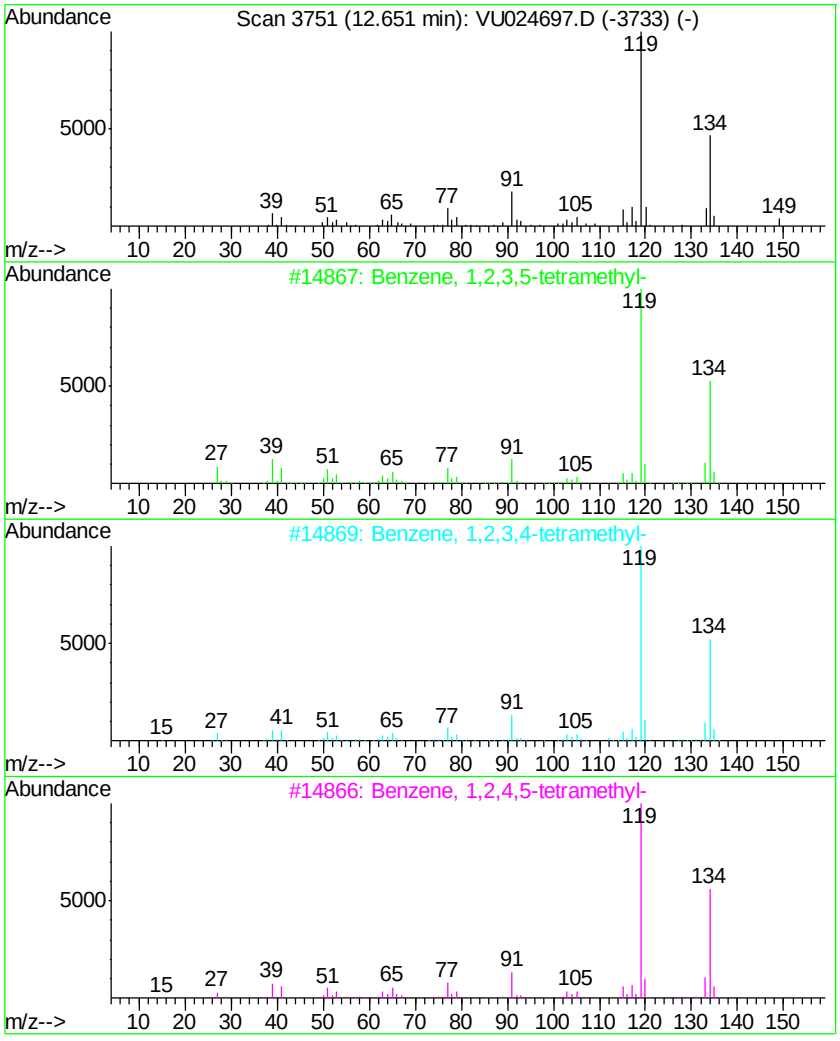
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

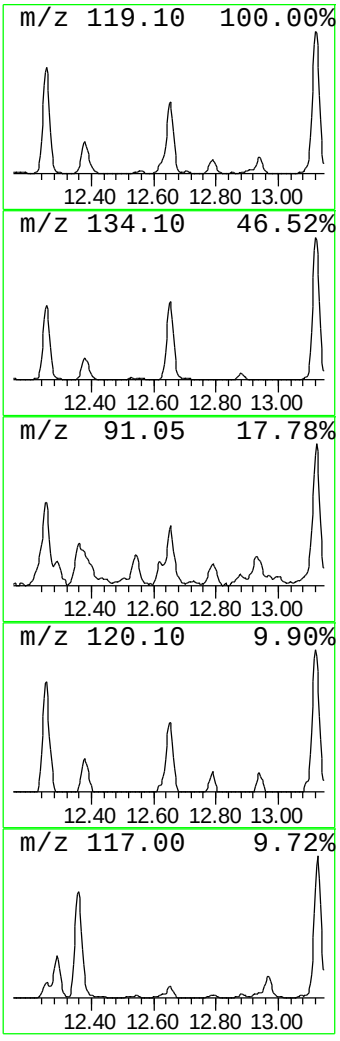
****

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.46 ug/l	115264	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

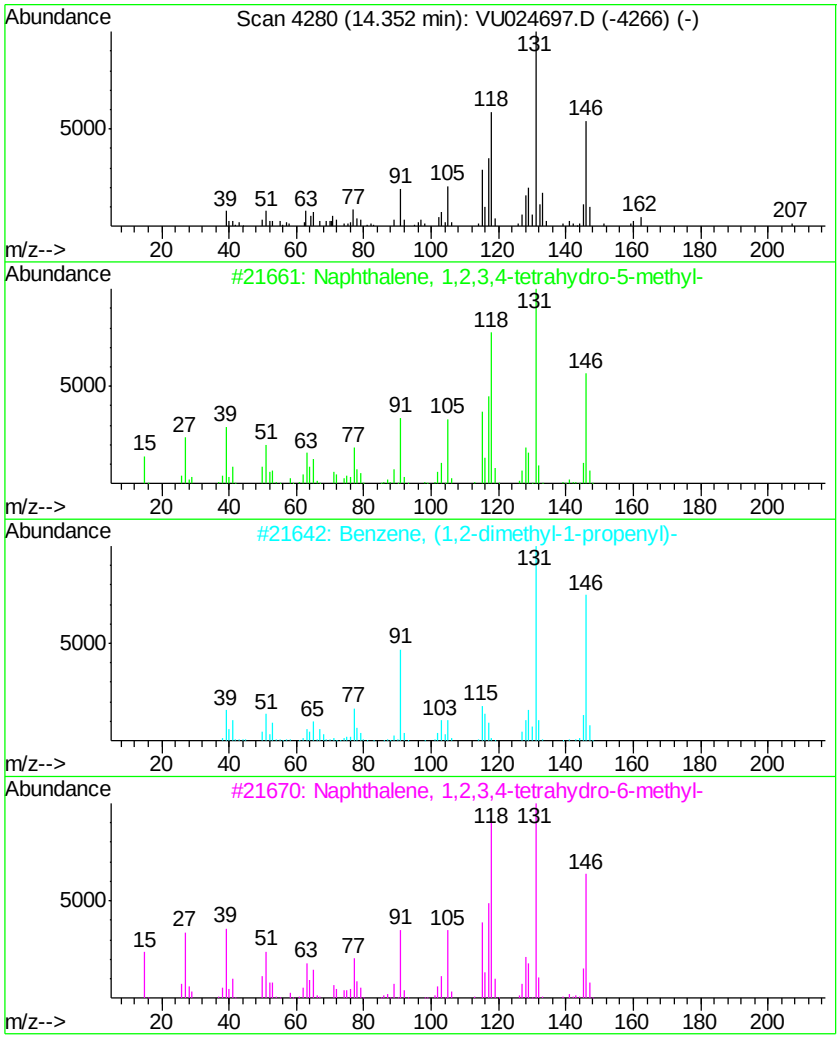
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

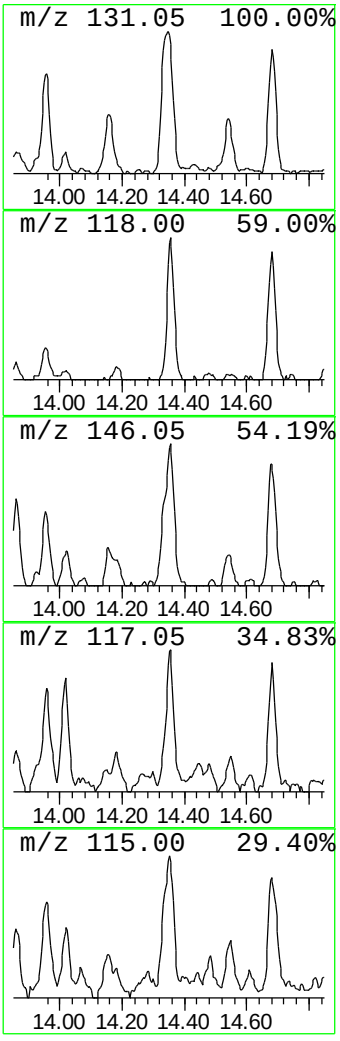
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	5.82 ug/l	103866	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024697.D
Acq On : 18 Jun 2018 17:25
Operator : MD/SY
Sample : J3463-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-14-8.0-061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.45	6.4	ug/l	69227	1	4.99	537362	50.0
Furan, 2-methyl-	3.81	5.2	ug/l	55532	1	4.99	537362	50.0
1-Hexanol, 2-ethyl-	11.75	15.2	ug/l	271485	4	11.49	892747	50.0
o-Cymene	12.26	6.1	ug/l	108394	4	11.49	892747	50.0
Benzene, 1-etheny...	12.36	6.9	ug/l	122952	4	11.49	892747	50.0
Benzene, 1,2,3,5-...	12.65	6.5	ug/l	115264	4	11.49	892747	50.0
Naphthalene, 1,2,...	14.35	5.8	ug/l	103866	4	11.49	892747	50.0