LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

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\SOMUTR070720WMA.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	1.607	76	83	91	rVB	38965	42208	4.42%	0.475%
2	1.925	168	182	197	rBV	53413	75810	7.94%	0.853%
3	2.002	202	206	219	rVB6	6420	10053	1.05%	0.113%
4	2.215	266	272	283	rVB2	6662	9698	1.02%	0.109%
5	2.581	375	386	401	rBV	70499	114712	12.01%	1.290%
6	3.063	522	536	542	rBV3	7527	14083	1.47%	0.158%
7	3.205	573	580	594	rVB3	5507	12221	1.28%	0.137%
8	3.382	621	635	650	rVB4	7442	16528	1.73%	0.186%
9	4.552	983	999	1015	rBV3	33854	81548	8.54%	0.917%
10	4.655	1015	1031	1072	rVV	88941	269546	28.21%	3.032%
11	5.086	1149	1165	1185	rBV	74297	167864	17.57%	1.888%
12	5.407	1249	1265	1277	rBV4	11373	26570	2.78%	0.299%
13	5.742	1350	1369	1391	rVB2	147126	390246	40.85%	4.390%
14	6.263	1516	1531	1554	rBV	131394	253374	26.52%	2.850%
15	6.706	1655	1669	1681	rBV2	95549	191322	20.03%	2.152%
16	6.777	1684	1691	1702	rVB4	11960	22930	2.40%	0.258%
17	7.575	1927	1939	1952	rBV2	52813	91140	9.54%	1.025%
18	7.906	2028	2042	2056	rBV	165891	287687	30.11%	3.236%
19	7.980	2056	2065	2075	rVB3	6932	12101	1.27%	0.136%
20	8.185	2116	2129	2147	rBV	32269	55897	5.85%	0.629%
21	8.642	2257	2271	2301	rBV	327800	588642	61.61%	6.621%
22	9.420	2499	2513	2528	rBV	189441	311069	32.56%	3.499%
23	9.574	2548	2561	2581	rBV	445824	703428	73.63%	7.912%
24	9.697	2585	2599	2616	rBV	219866	365892	38.30%	4.116%
25	10.102	2710	2725	2738	rBV	144992	228635	23.93%	2.572%
26	10.484	2833	2844	2858	rVB	54002	81601	8.54%	0.918%
27	10.758	2917	2929	2946	rVB2	86590	140750	14.73%	1.583%
28	10.906	2960	2975	2987	rBV	109030	173176	18.13%	1.948%
29	10.996	2991	3003	3021	rVV	114885	248539	26.01%	2.796%
30	11.086	3021	3031	3043	rVB	101775	152452	15.96%	1.715%
31	11.288	3081	3094	3108	rBV	356848	552650	57.85%	6.216%
32	11.465	3135	3149	3165	rBV	622733	955369	100.00%	10.746%
33	11.639	3197	3203	3213	rVB2	9872	14703	1.54%	0.165%
34	11.809	3243	3256	3270	rBV	196095	313628	32.83%	3.528%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

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\SOMUTR070720WMA.M
Title : TRACE VOA SOM01.0

35	11.890	3270	3281	3294	rVB	104701	157782	16.52%	1.775%
36	12.089	3326	3343	3361	rBV	286722	458087	47.95%	5.153%
37	12.189	3361	3374	3387	rVB2	214296	357093	37.38%	4.017%
38	12.372	3420	3431	3442	rBV	14050	20193	2.11%	0.227%
39	12.459	3448	3458	3464	rBV2	20961	32456	3.40%	0.365%
40	12.488	3464	3467	3478	rVV	10620	12566	1.32%	0.141%
41	12.565	3479	3491	3498	rVV	60588	92306	9.66%	1.038%
42	12.603	3498	3503	3514	rVV3	16274	24741	2.59%	0.278%
43	12.674	3514	3525	3543	rVB	62720	101947	10.67%	1.147%
44	12.870	3575	3586	3595	rBV4	7017	11035	1.16%	0.124%
45	12.963	3601	3615	3624	rBV	71716	107751	11.28%	1.212%
46	13.018	3624	3632	3643	rVB3	20204	30544	3.20%	0.344%
47	13.285	3705	3715	3725	rBV3	27937	42549	4.45%	0.479%
48	13.443	3752	3764	3778	rVB3	145807	243849	25.52%	2.743%
49	13.616	3807	3818	3828	rVB3	17245	27973	2.93%	0.315%
50	13.828	3875	3884	3893	rBV4	9339	13870	1.45%	0.156%
51	13.931	3913	3916	3931	rVB4	6904	9896	1.04%	0.111%
52	14.076	3947	3961	3980	rVB	77478	128721	13.47%	1.448%
53	15.214	4305	4315	4327	rVB	16154	25408	2.66%	0.286%
54	15.401	4363	4373	4384	rVB	9909	15514	1.62%	0.175%

Sum of corrected areas: 8890353

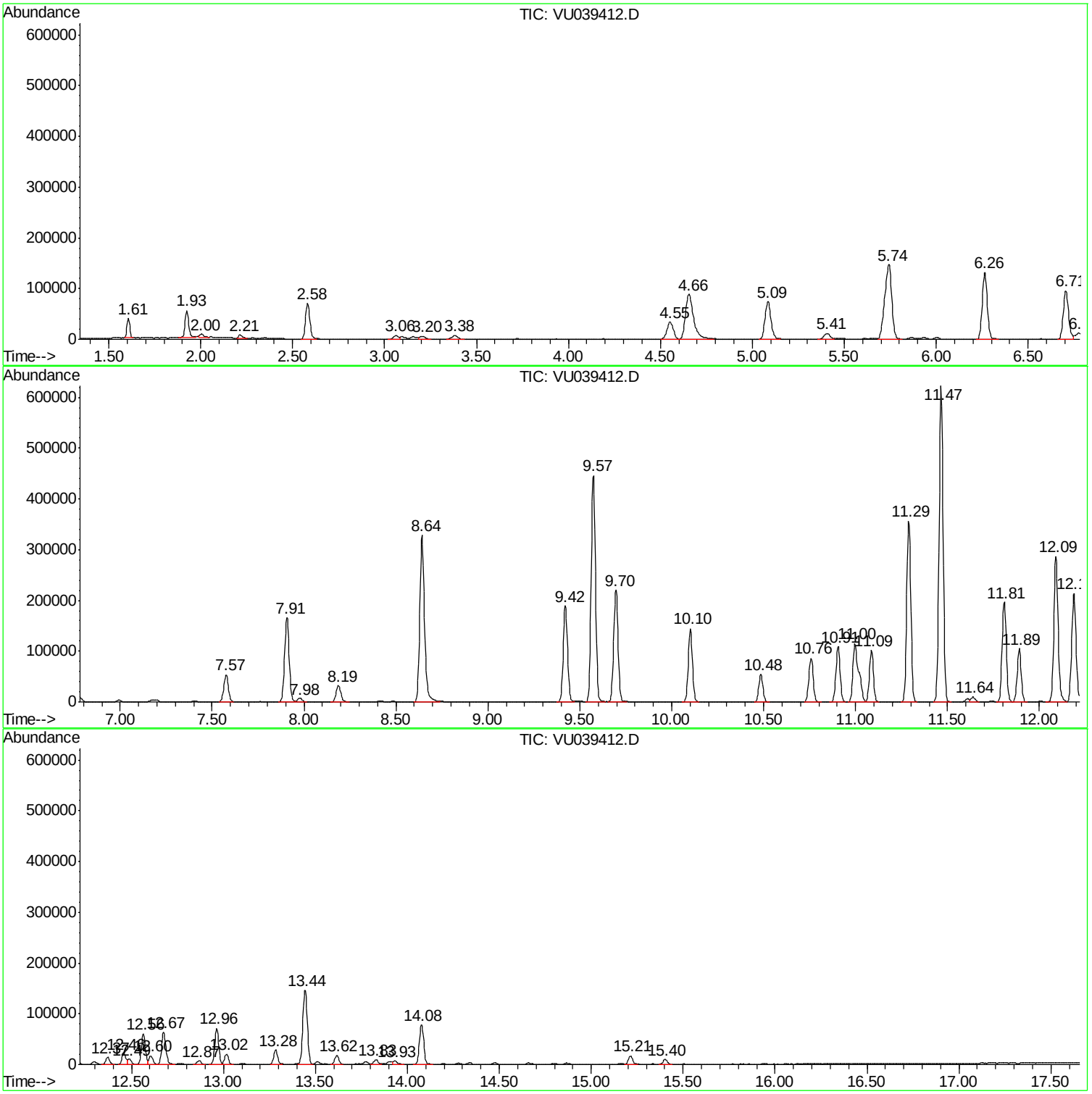
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.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\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

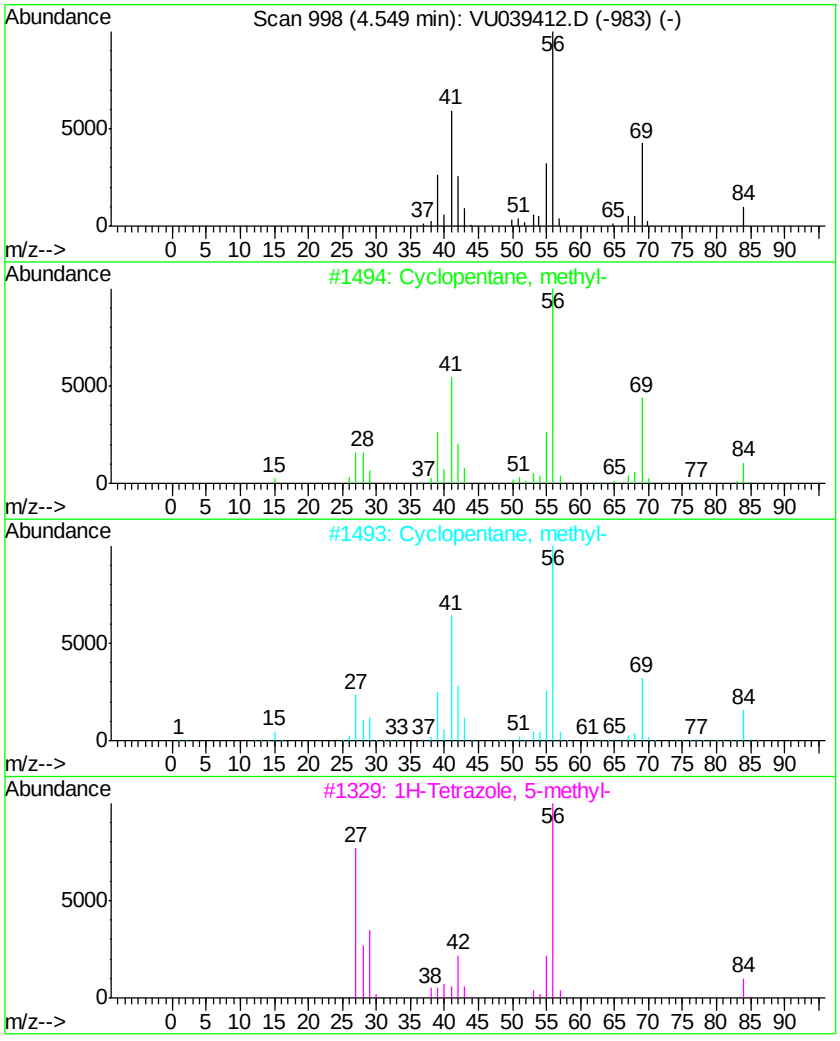
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

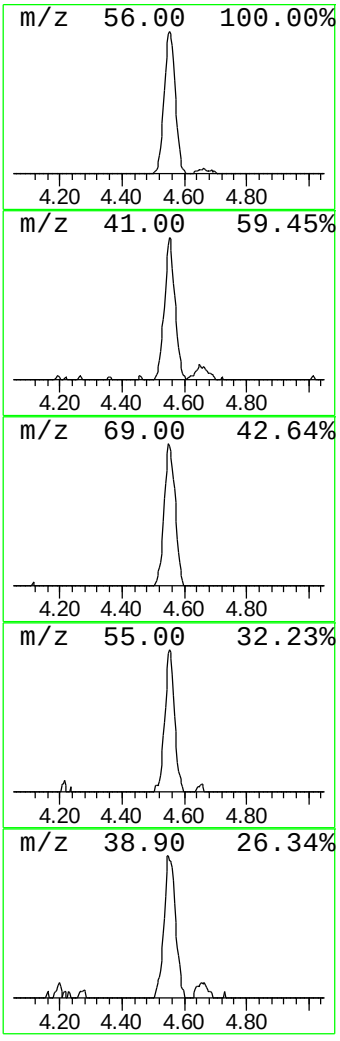
****

Peak Number 1 (DEL) Alkane: Cyclic4.55 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	1.61 ug/L	81548	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

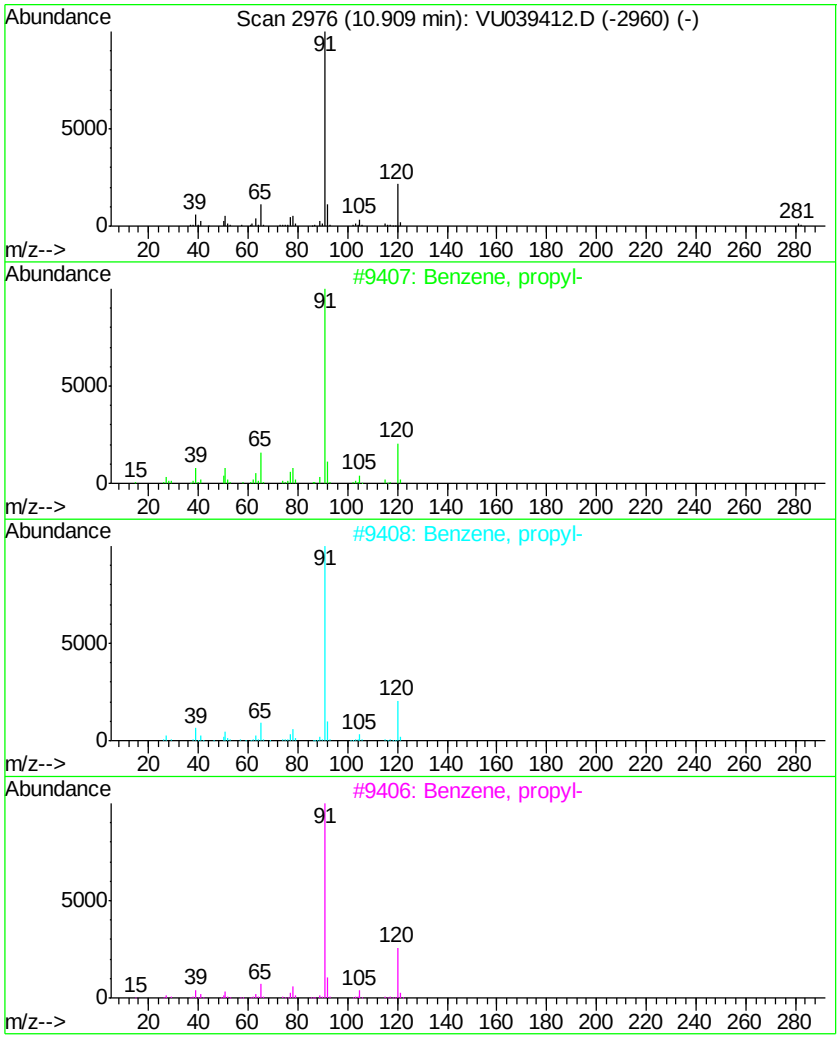
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

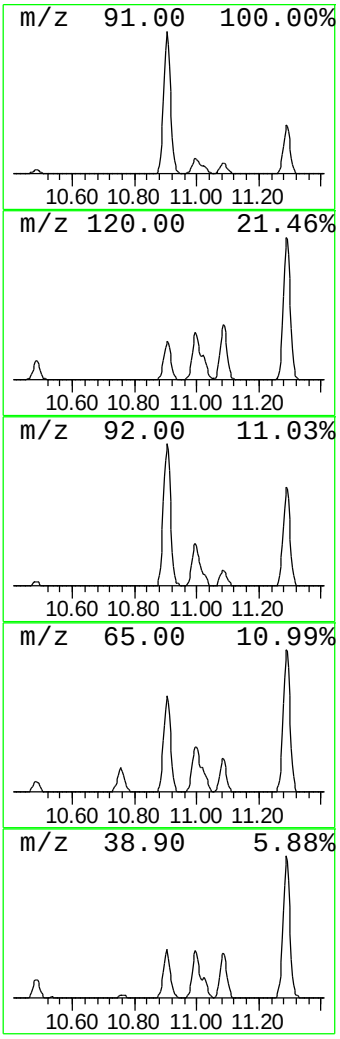
****

Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.76 ug/L	173176	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

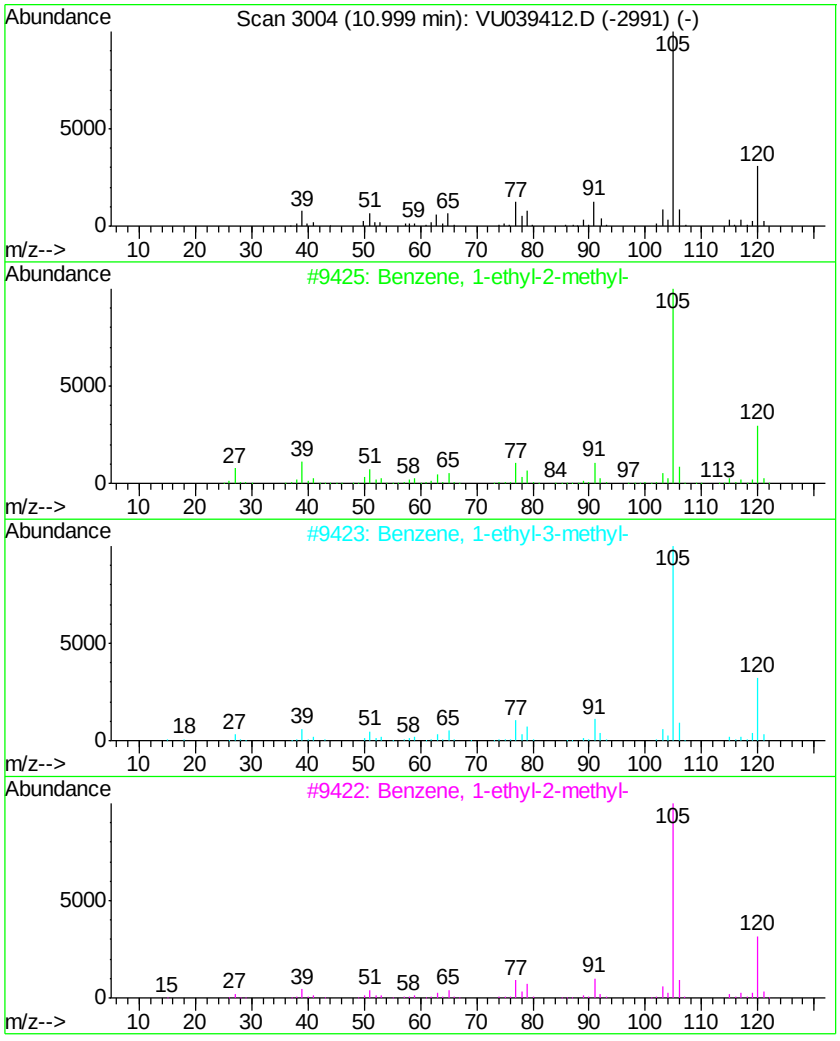
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

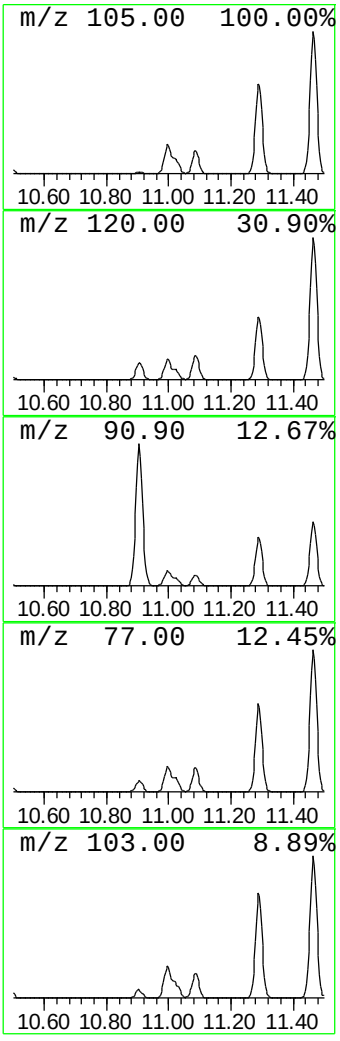
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.96 ug/L	248539	1,4-Dichlorobenzene-d4	11.81

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

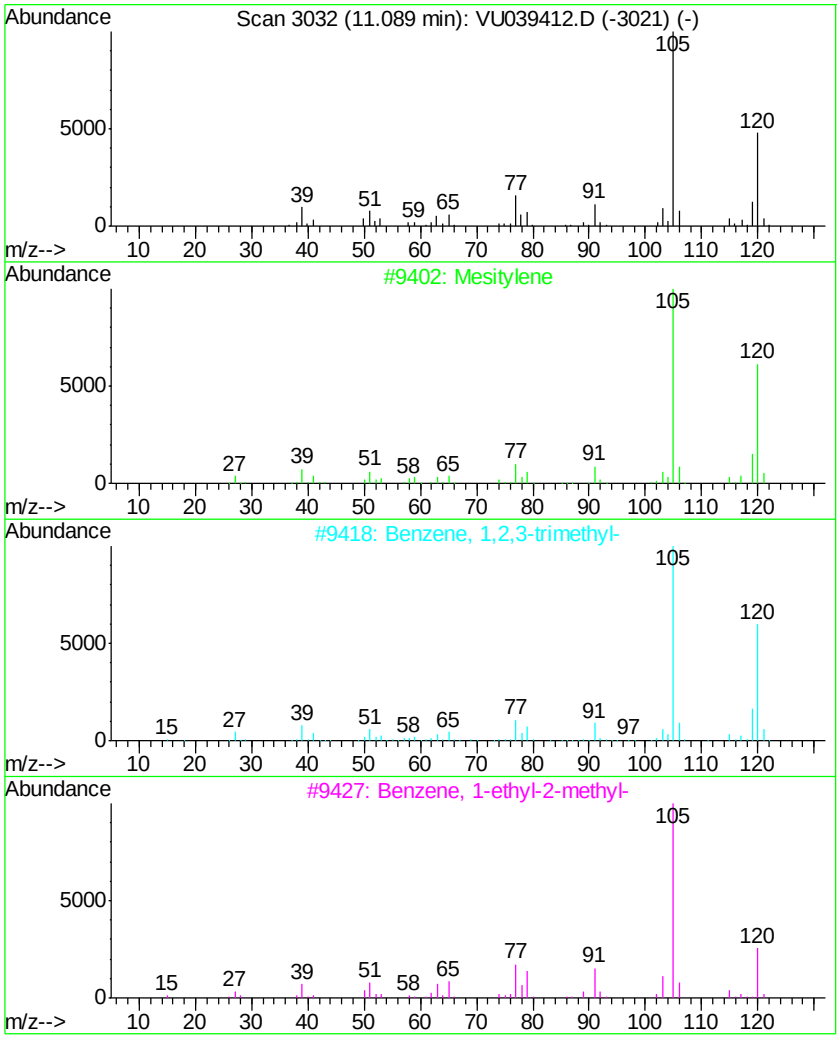
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

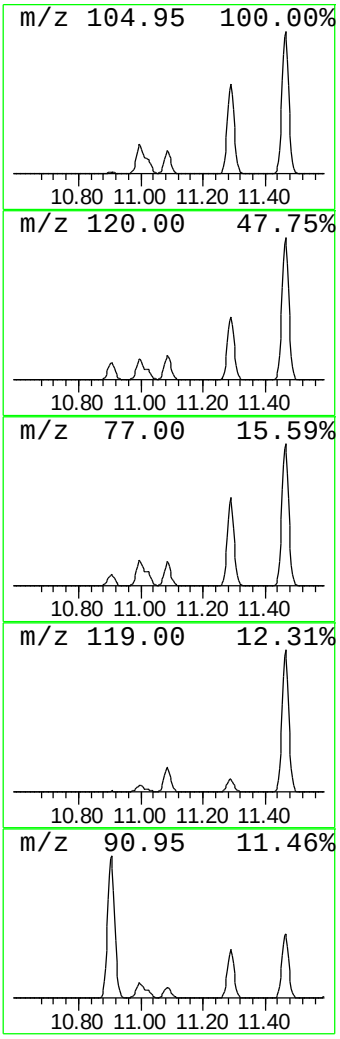
****

Peak Number 5 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.43 ug/L	152452	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

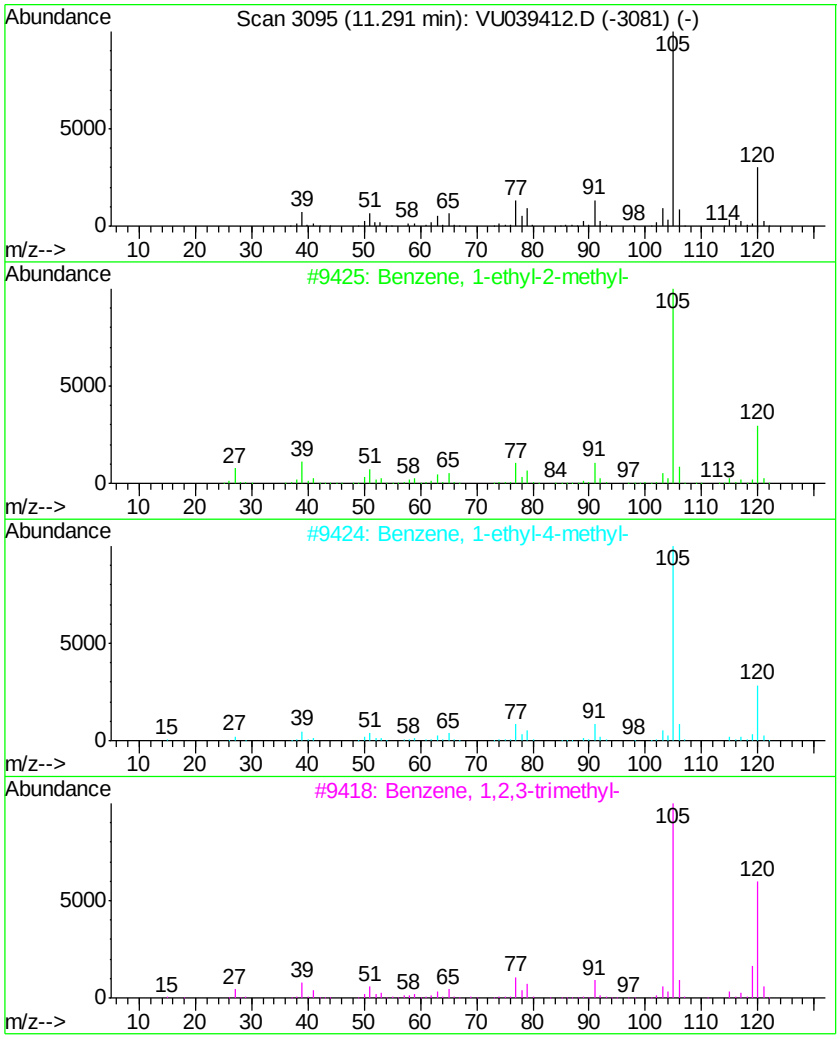
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

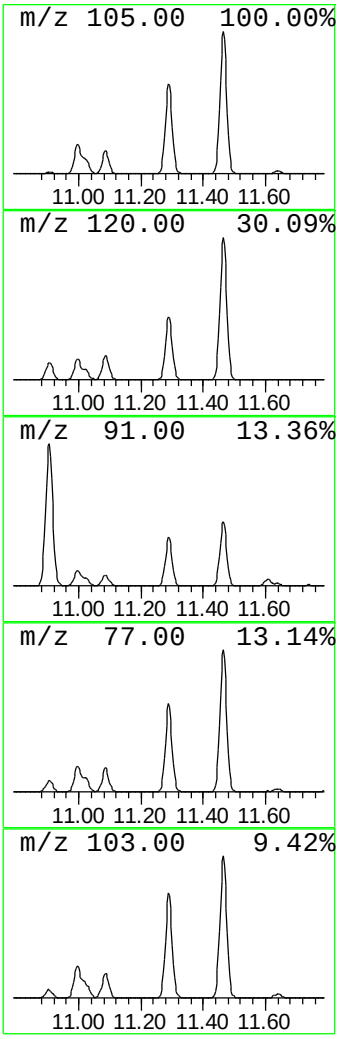
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.81 ug/L	552650	1,4-Dichlorobenzene-d4	11.81

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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

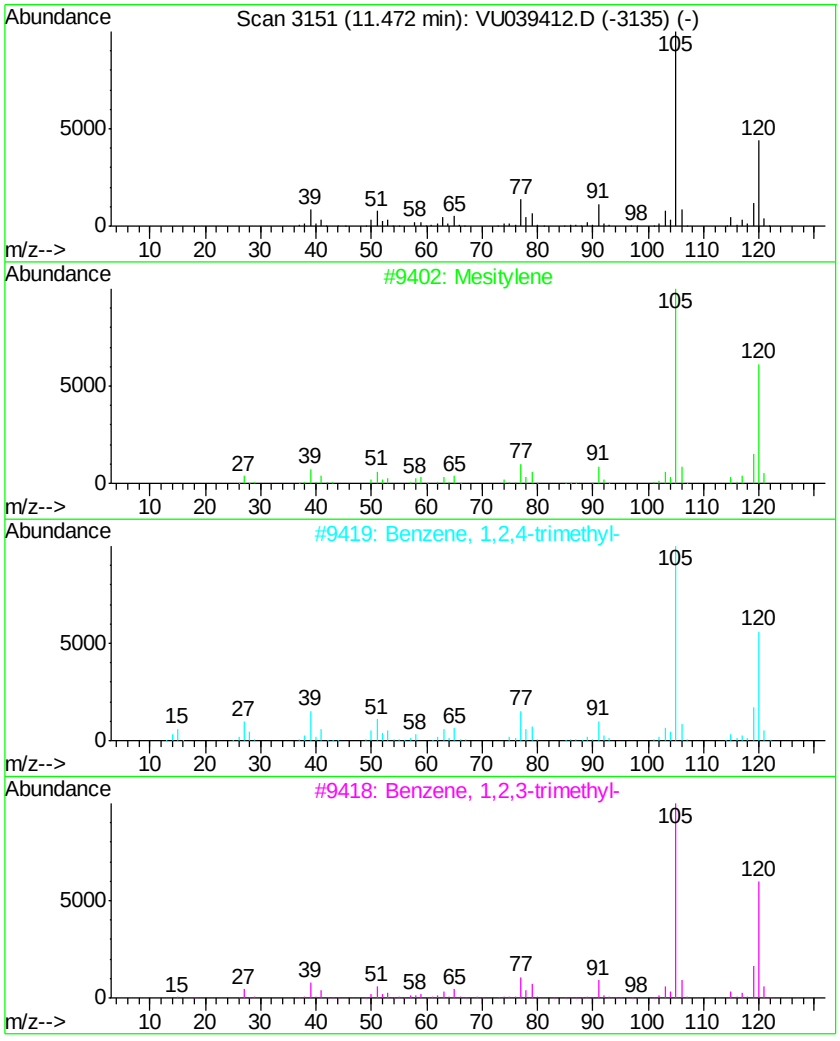
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

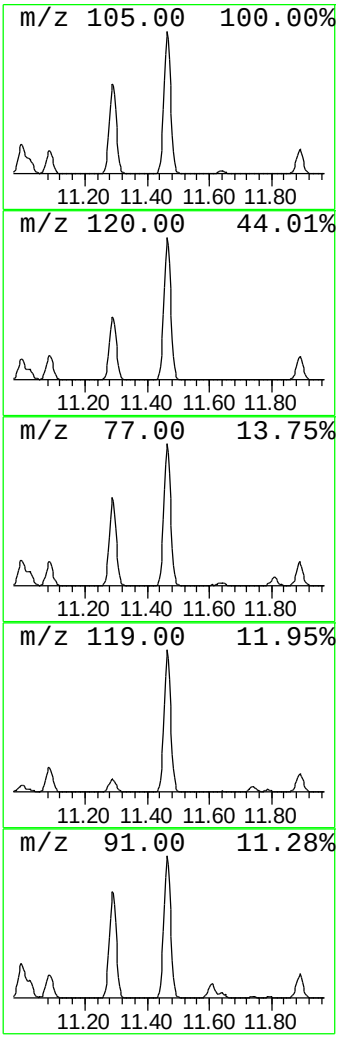
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	15.23 ug/L	955369	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

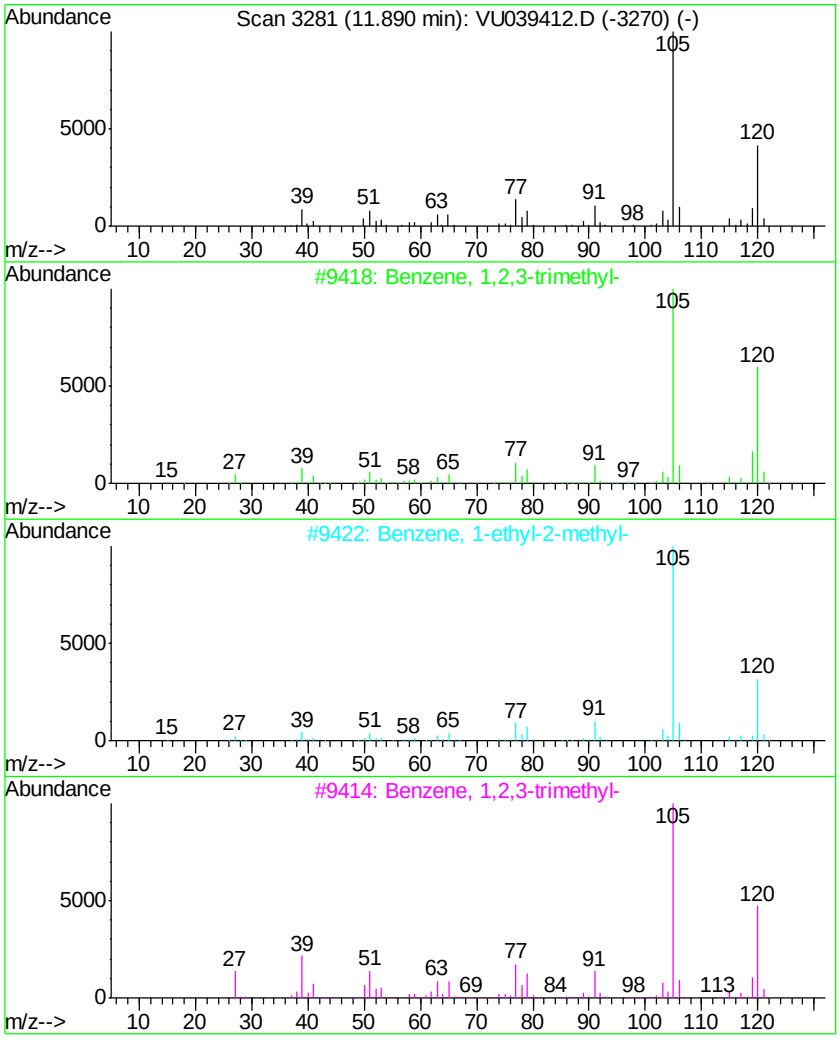
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

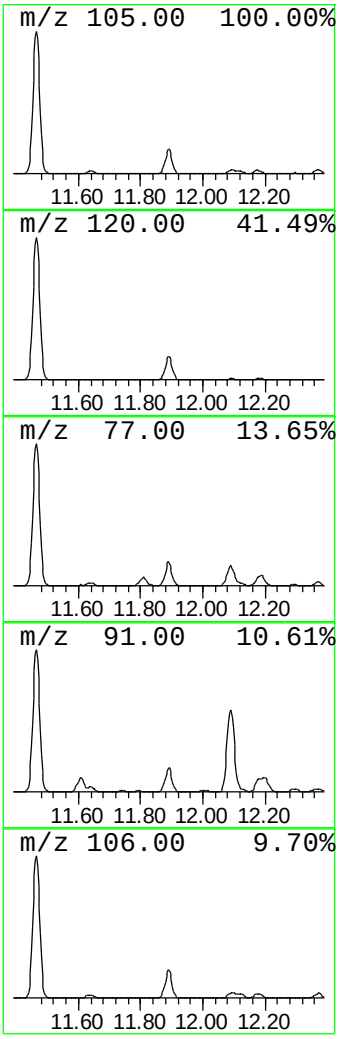
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.52 ug/L	157782	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

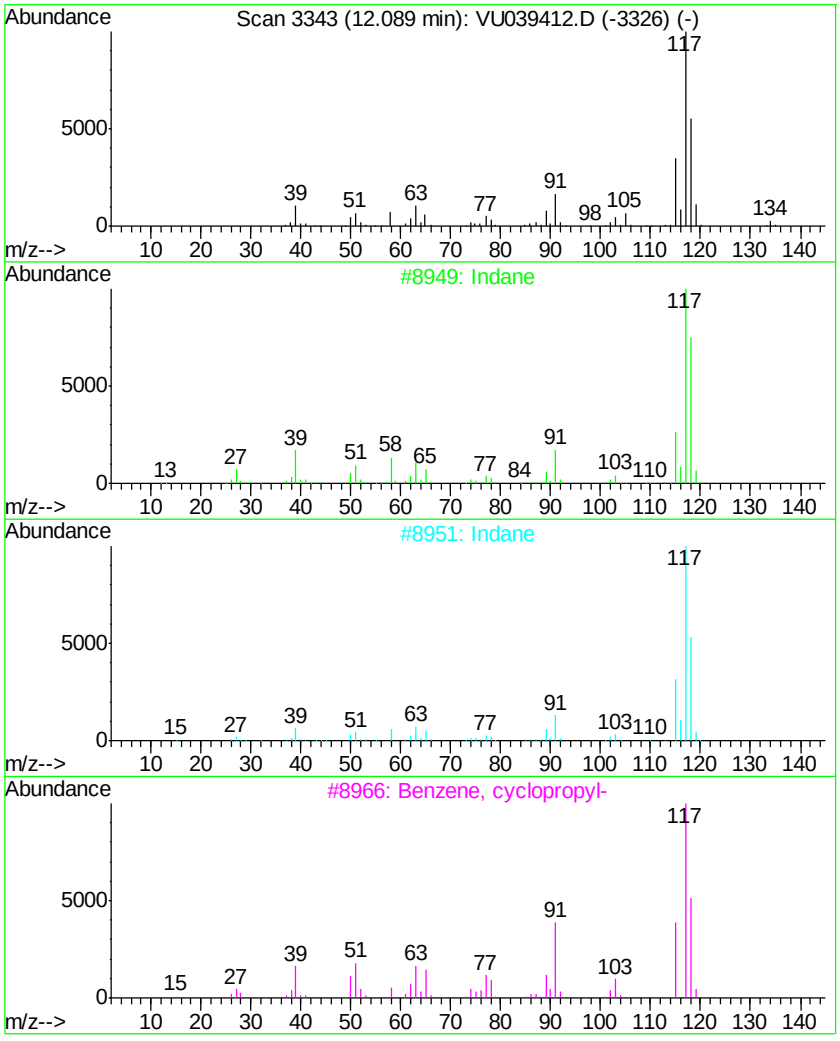
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

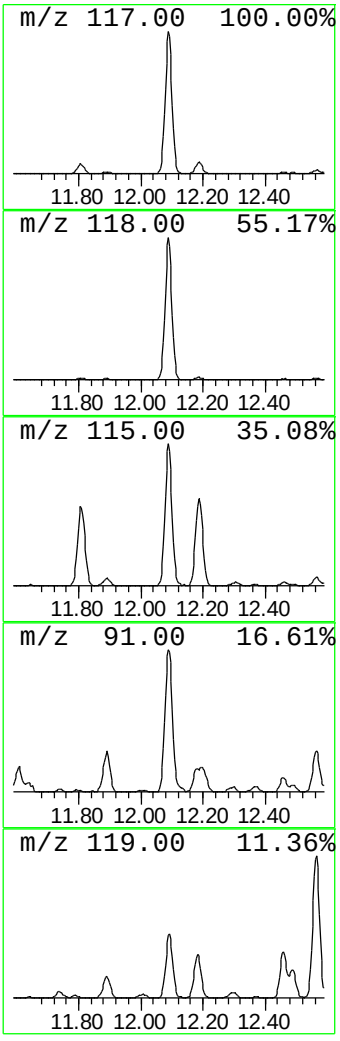
****

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	7.30 ug/L	458087	1,4-Dichlorobenzene-d4	11.81

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	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

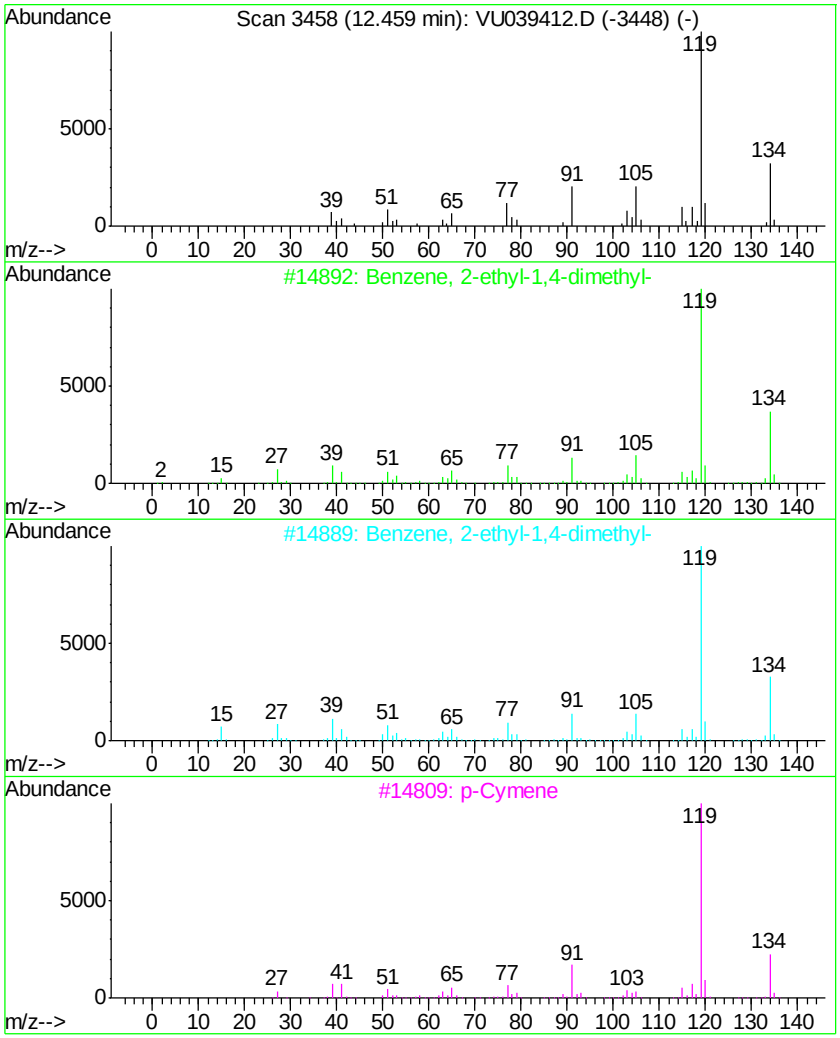
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

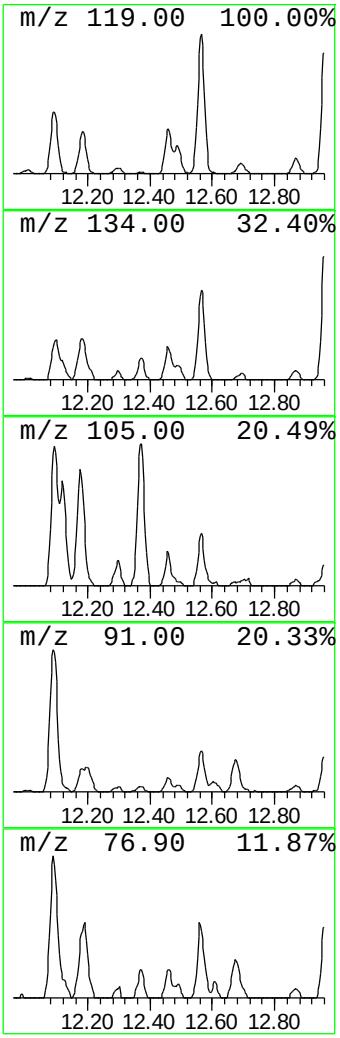
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.52 ug/L	32456	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

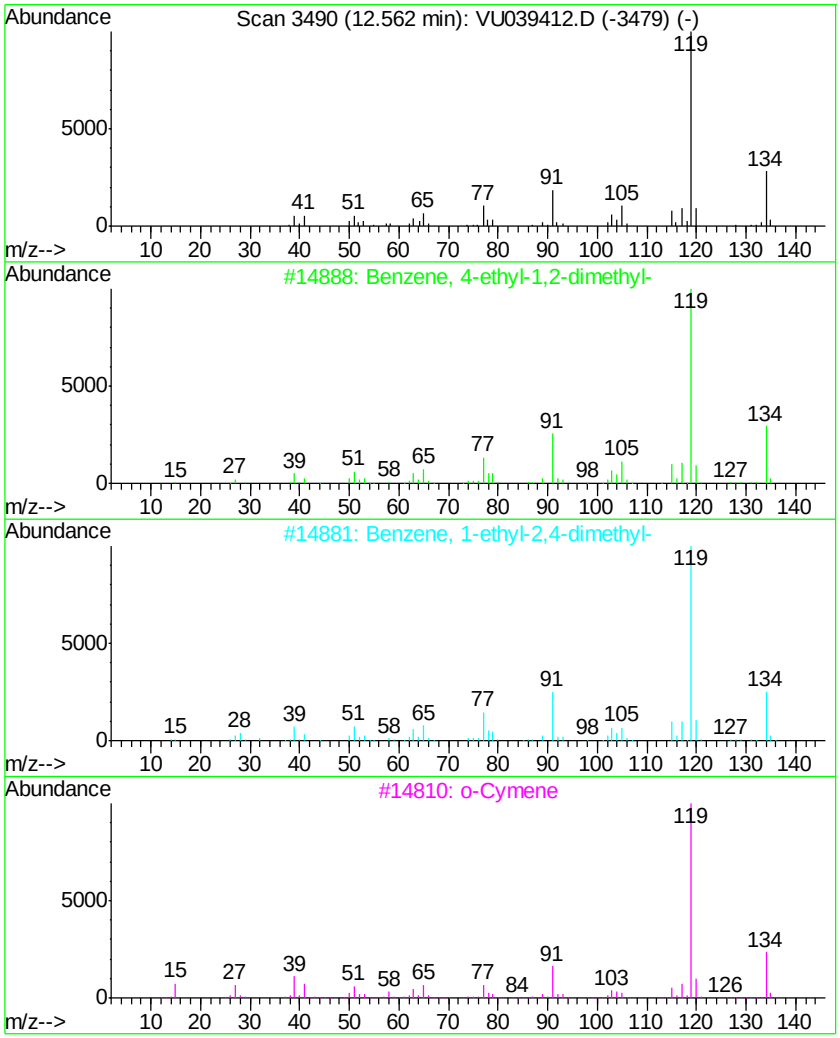
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

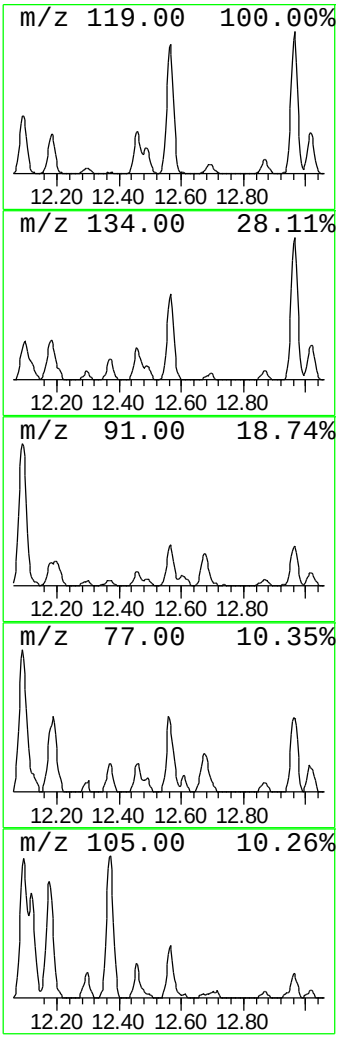
****

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	1.47 ug/L	92306	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

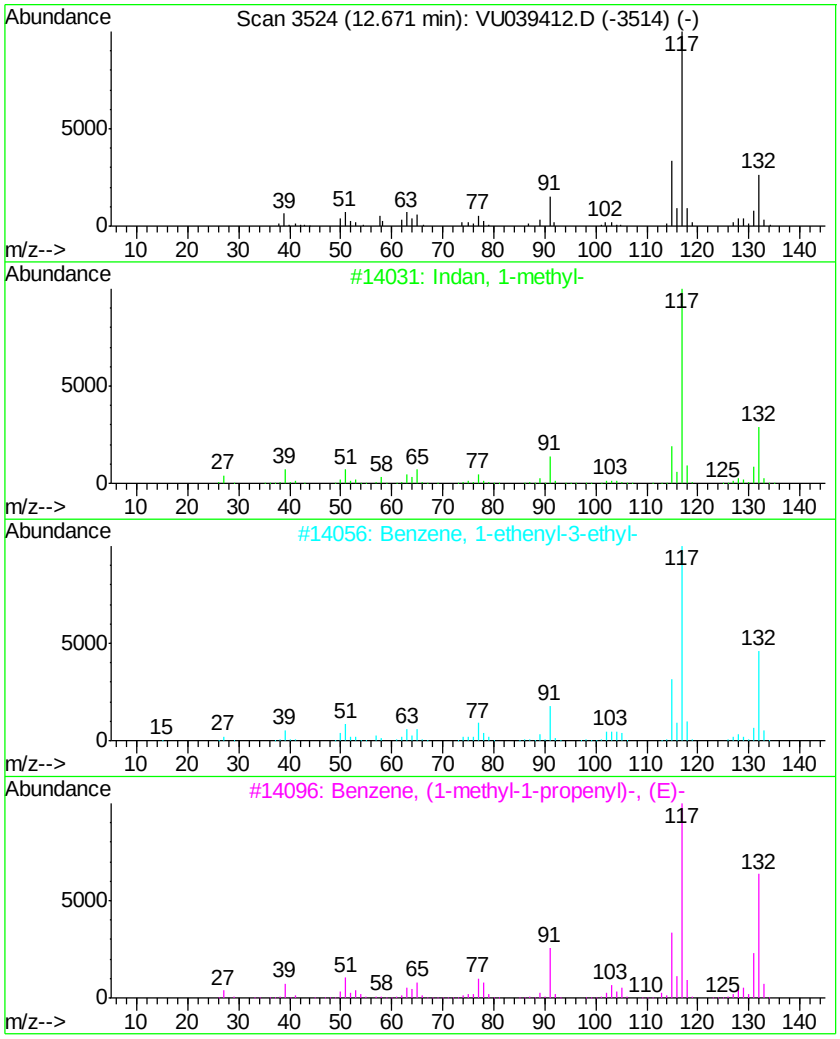
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

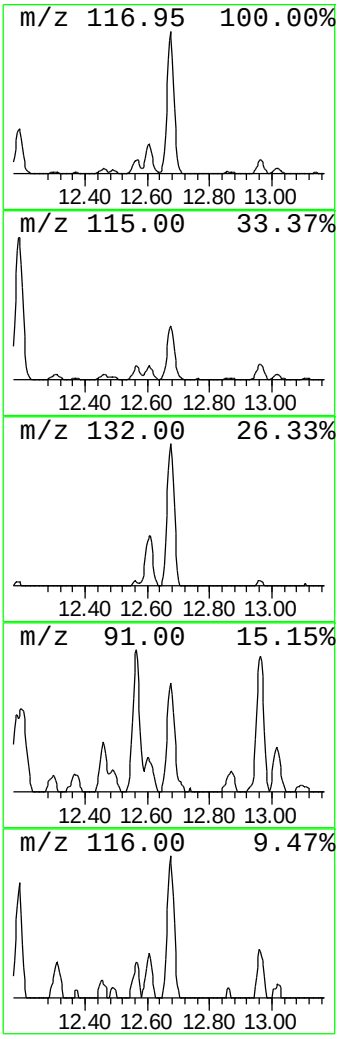
****

Peak Number 12 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	1.63 ug/L	101947	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

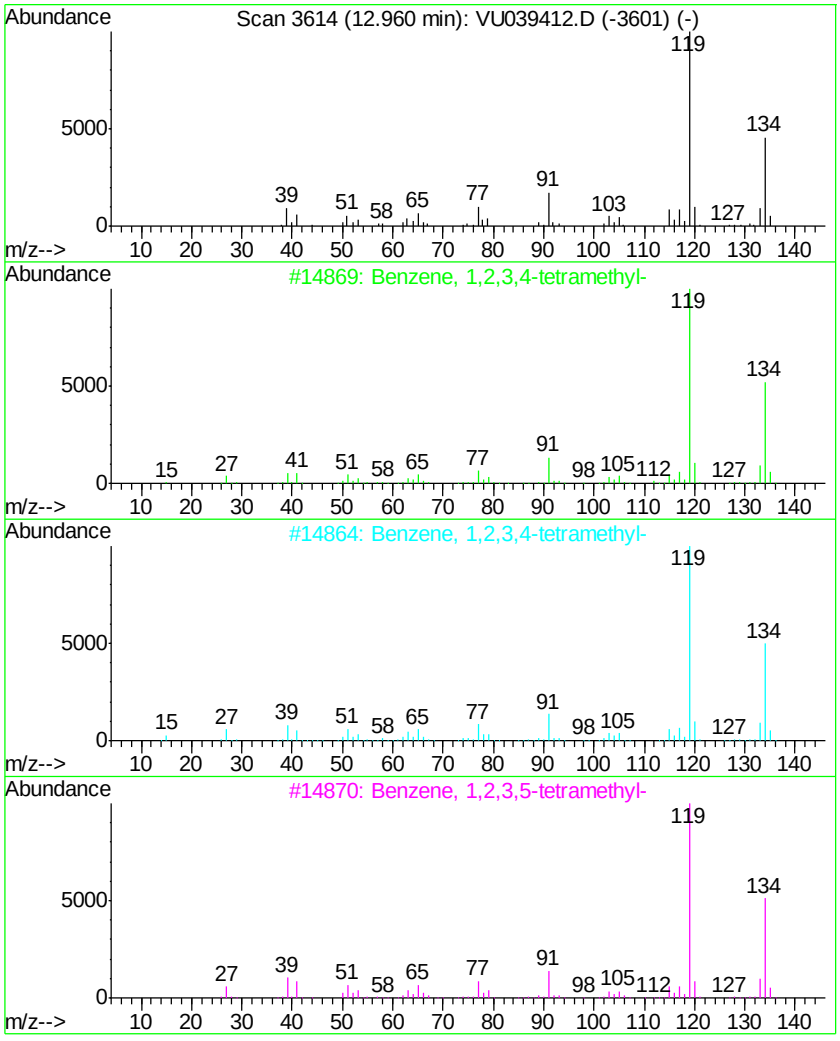
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

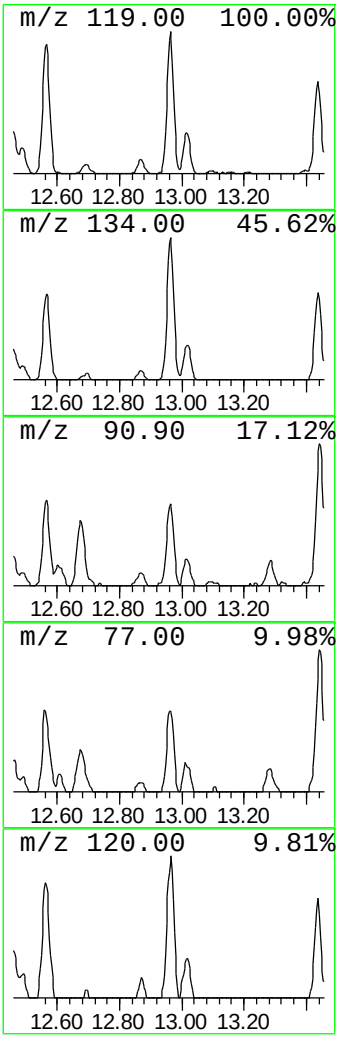
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	1.72 ug/L	107751	1,4-Dichlorobenzene-d4	11.81

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

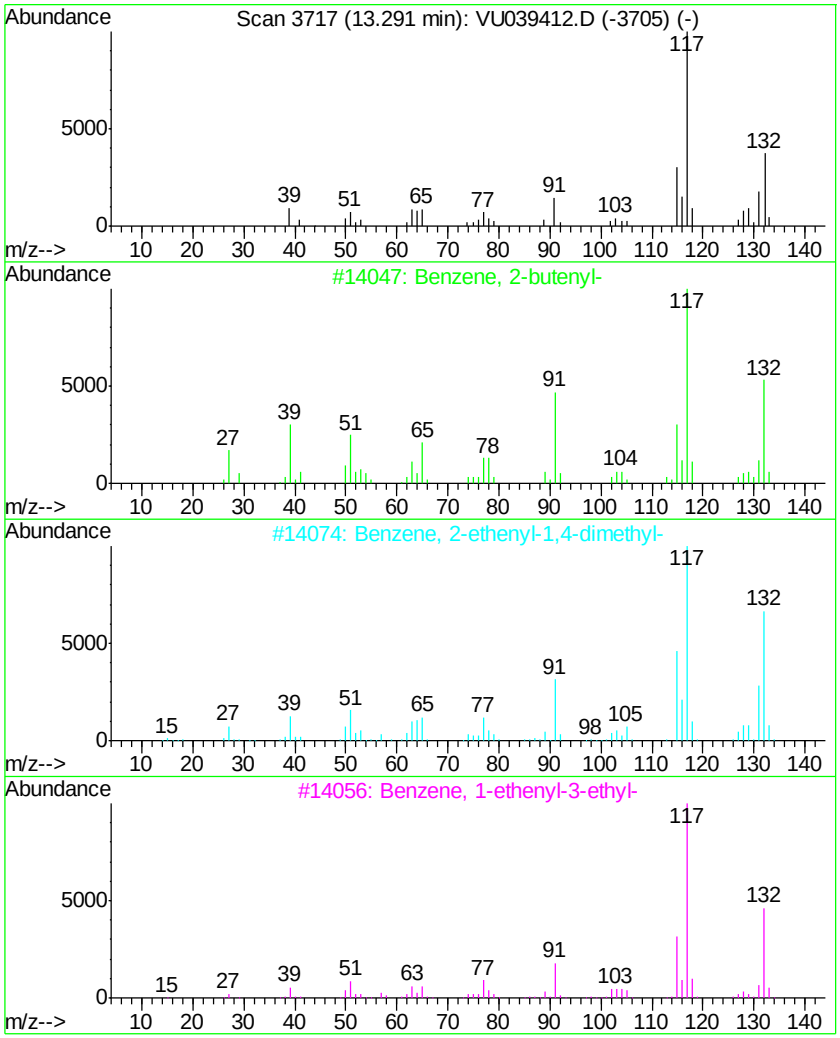
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

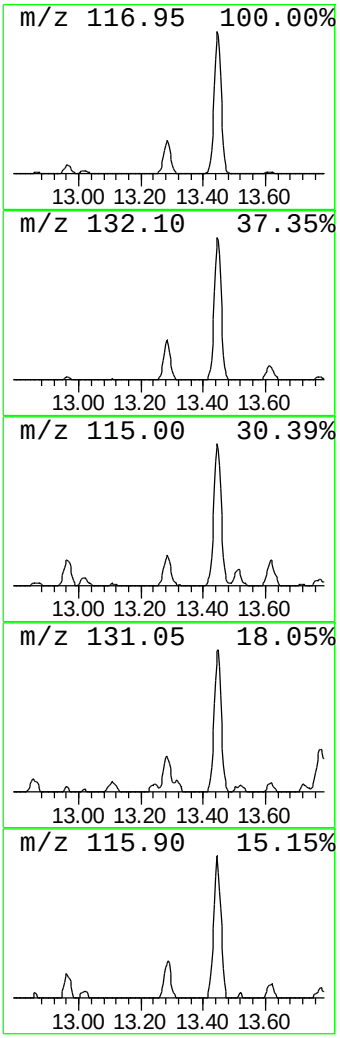
****

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	0.68 ug/L	42549	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

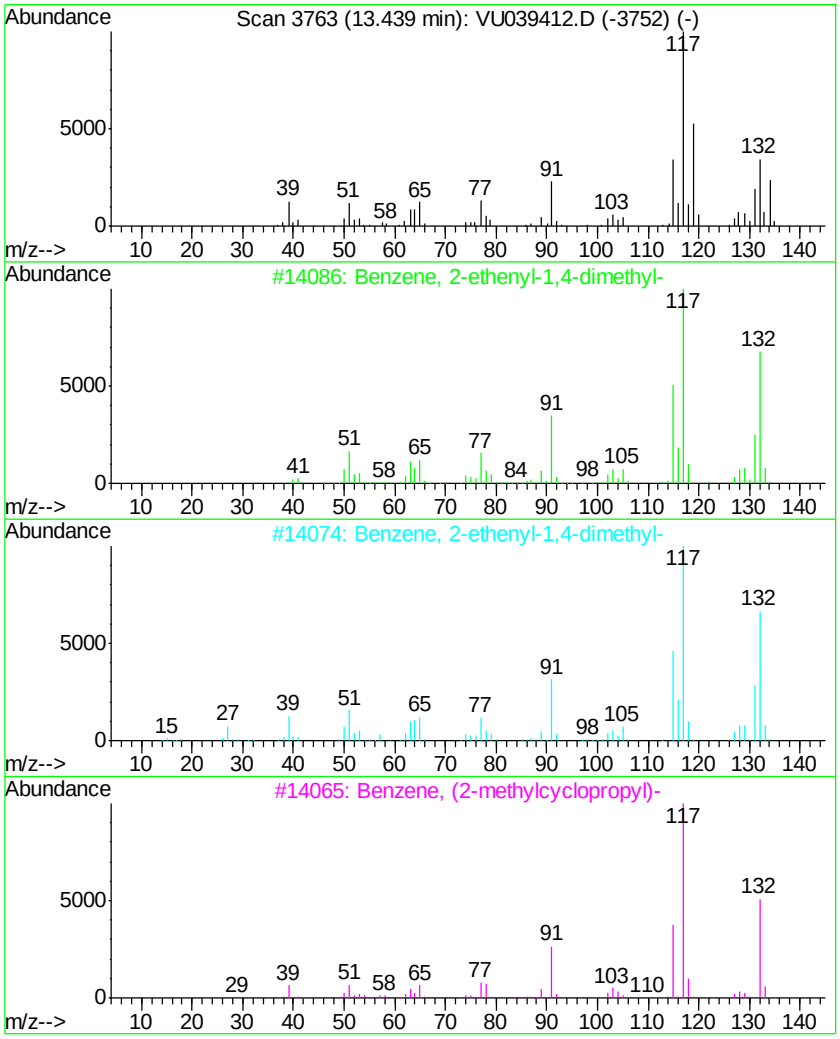
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

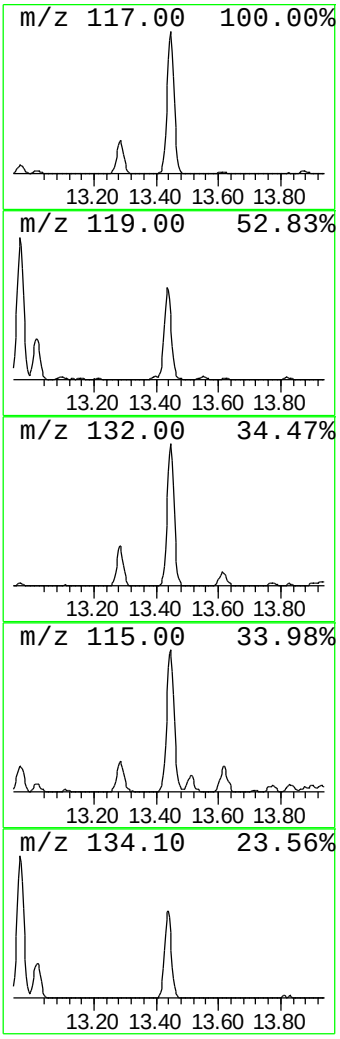
****

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.89 ug/L	243849	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.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: Cyc...	4.55	1.6	ug/L	81548	1	6.27	253374	5.0
Benzene, propyl-	10.91	2.8	ug/L	173176	3	11.81	313628	5.0
Benzene, 1-ethyl-...	11.00	4.0	ug/L	248539	3	11.81	313628	5.0
Mesitylene	11.09	2.4	ug/L	152452	3	11.81	313628	5.0
Benzene, 1-ethyl-...	11.29	8.8	ug/L	552650	3	11.81	313628	5.0
Benzene, 1,2,4-tr...	11.47	15.2	ug/L	955369	3	11.81	313628	5.0
Benzene, 1,2,3-tr...	11.89	2.5	ug/L	157782	3	11.81	313628	5.0
Indane	12.09	7.3	ug/L	458087	3	11.81	313628	5.0
Benzene, 2-ethyl-...	12.46	0.5	ug/L	32456	3	11.81	313628	5.0
Benzene, 4-ethyl-...	12.56	1.5	ug/L	92306	3	11.81	313628	5.0
Indan, 1-methyl-	12.67	1.6	ug/L	101947	3	11.81	313628	5.0
Benzene, 1,2,3,4-...	12.96	1.7	ug/L	107751	3	11.81	313628	5.0
Benzene, 2-butenyl-	13.29	0.7	ug/L	42549	3	11.81	313628	5.0
Benzene, 2-etheny...	13.44	3.9	ug/L	243849	3	11.81	313628	5.0