LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

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\82U092821W.M
Title : SW846 8260

Signal : TIC: VU044962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.478	36	43	52	rBV	36430	39858	2.87%	0.313%
2	4.636	1010	1025	1040	rBV2	4763	14295	1.03%	0.112%
3	5.295	1214	1230	1243	rBV	167664	356928	25.68%	2.807%
4	5.379	1243	1256	1279	rVB	293256	605903	43.59%	4.766%
5	5.710	1341	1359	1382	rBV	201016	419892	30.21%	3.303%
6	6.253	1510	1528	1554	rBV	433116	823453	59.24%	6.477%
7	7.903	2022	2041	2061	rBV	673925	1162989	83.66%	9.147%
8	9.420	2499	2513	2534	rBV	613479	1036451	74.56%	8.152%
9	9.571	2550	2560	2573	rVB	16637	27897	2.01%	0.219%
10	9.703	2574	2601	2613	rBV7	24034	69627	5.01%	0.548%
11	10.038	2688	2705	2712	rBV6	20286	49603	3.57%	0.390%
12	10.121	2724	2731	2742	rVB5	10470	18818	1.35%	0.148%
13	10.250	2755	2771	2773	rBV5	23657	38948	2.80%	0.306%
14	10.362	2789	2806	2828	rVB8	30814	91760	6.60%	0.722%
15	10.488	2828	2845	2856	rBV	296605	467600	33.64%	3.678%
16	10.636	2878	2891	2904	rBV	492540	796134	57.27%	6.262%
17	10.700	2904	2911	2921	rVB2	19927	31809	2.29%	0.250%
18	10.816	2928	2947	2963	rVB8	34558	76750	5.52%	0.604%
19	10.909	2964	2976	2997	rBV	525592	824364	59.30%	6.484%
20	11.025	3002	3012	3020	rVV5	20992	35684	2.57%	0.281%
21	11.308	3087	3100	3115	rVB7	22956	49623	3.57%	0.390%
22	11.423	3127	3136	3141	rBV2	53476	78299	5.63%	0.616%
23	11.472	3141	3151	3177	rVB	879614	1390070	100.00%	10.933%
24	11.613	3177	3195	3199	rBV	80457	128253	9.23%	1.009%
25	11.648	3200	3206	3218	rVB	137601	210161	15.12%	1.653%
26	11.716	3218	3227	3233	rBV2	9533	14223	1.02%	0.112%
27	11.816	3246	3258	3272	rBV	674578	1092469	78.59%	8.593%
28	11.899	3273	3284	3297	rVB	97192	147491	10.61%	1.160%
29	12.012	3309	3319	3332	rVB	62006	100756	7.25%	0.792%
30	12.099	3334	3346	3360	rBV2	425857	677100	48.71%	5.326%
31	12.189	3361	3374	3377	rBV2	68915	101102	7.27%	0.795%
32	12.304	3396	3410	3422	rBV	65749	105641	7.60%	0.831%
33	12.468	3449	3461	3466	rBV	38120	58857	4.23%	0.463%
34	12.497	3466	3470	3481	rVV	36528	53618	3.86%	0.422%
35	12.574	3482	3494	3502	rVV	215621	332581	23.93%	2.616%
36	12.616	3502	3507	3519	rVV	65815	103923	7.48%	0.817%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

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\82U092821W.M
Title : SW846 8260

37	12.690	3519	3530	3548	rVB3	158893	353326	25.42%	2.779%
38	12.870	3568	3586	3597	rVB3	34427	71933	5.17%	0.566%
39	12.976	3600	3619	3628	rVV	93987	163724	11.78%	1.288%
40	13.031	3628	3636	3652	rVV3	42344	71722	5.16%	0.564%
41	13.111	3652	3661	3673	rVB4	11377	18980	1.37%	0.149%
42	13.205	3681	3690	3699	rBV3	8817	14771	1.06%	0.116%
43	13.256	3699	3706	3713	rVV4	9859	15292	1.10%	0.120%
44	13.298	3713	3719	3725	rVB2	10831	14234	1.02%	0.112%
45	13.452	3744	3767	3785	rBV4	115650	211752	15.23%	1.666%
46	13.629	3808	3822	3834	rVB2	20834	35049	2.52%	0.276%
47	13.841	3878	3888	3897	rBV4	19268	28839	2.07%	0.227%
48	14.089	3952	3965	3985	rVB	37717	62536	4.50%	0.492%
49	14.333	4032	4041	4053	rVB2	12659	18794	1.35%	0.148%

Sum of corrected areas: 12713882

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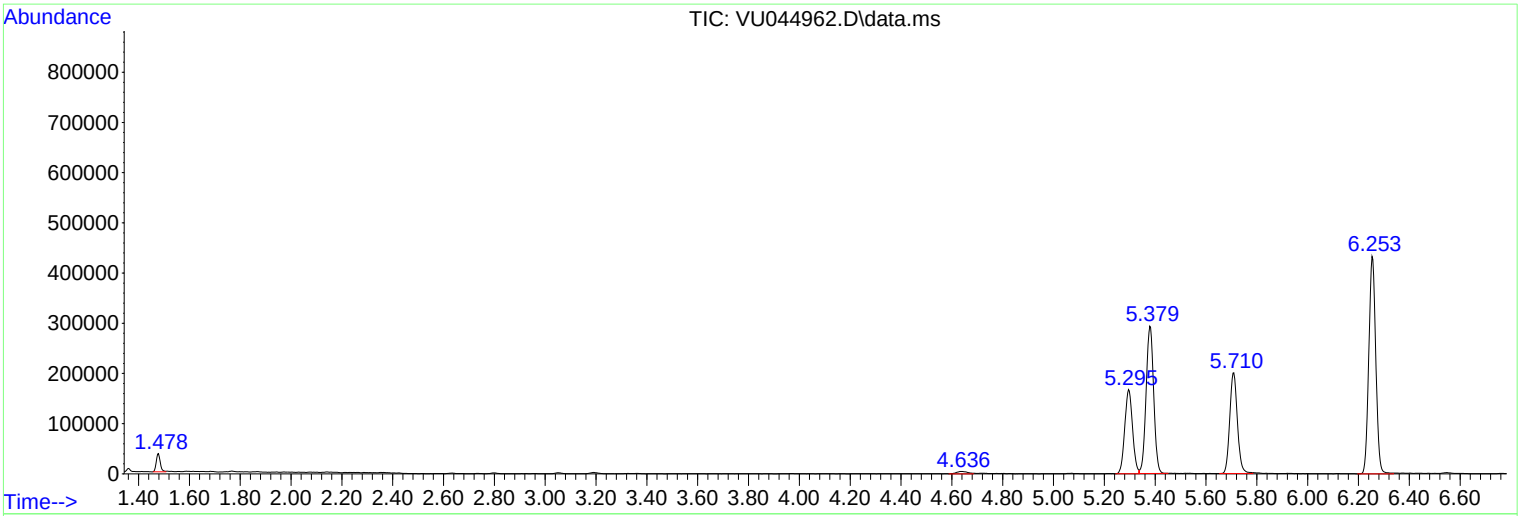
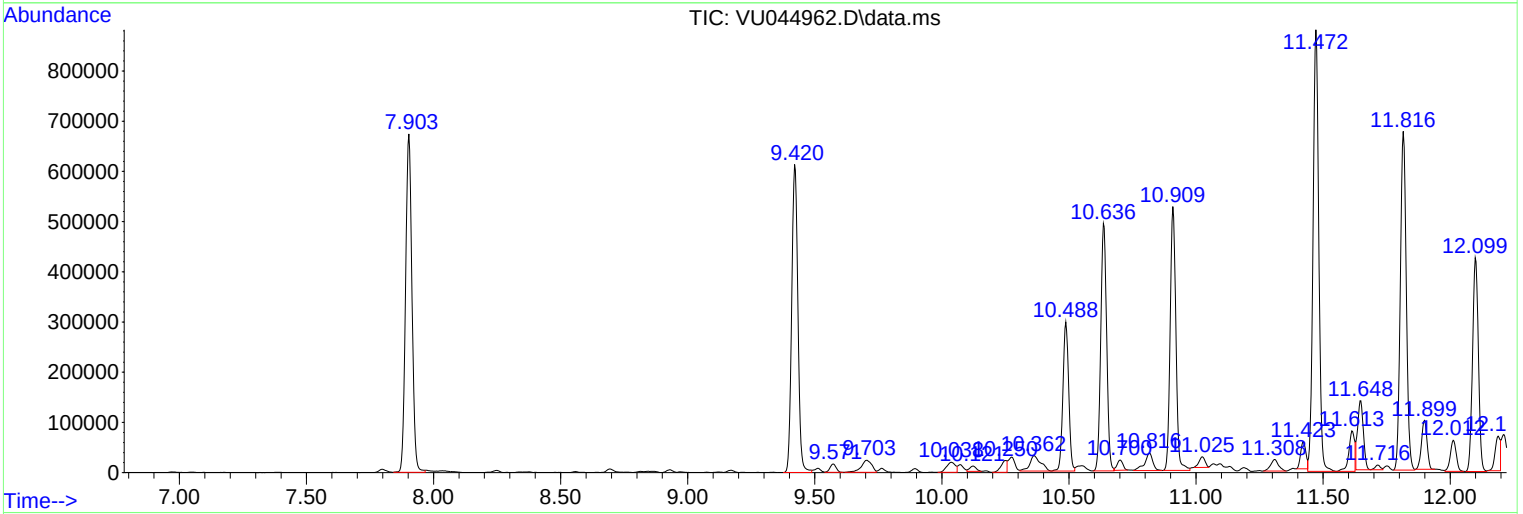
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

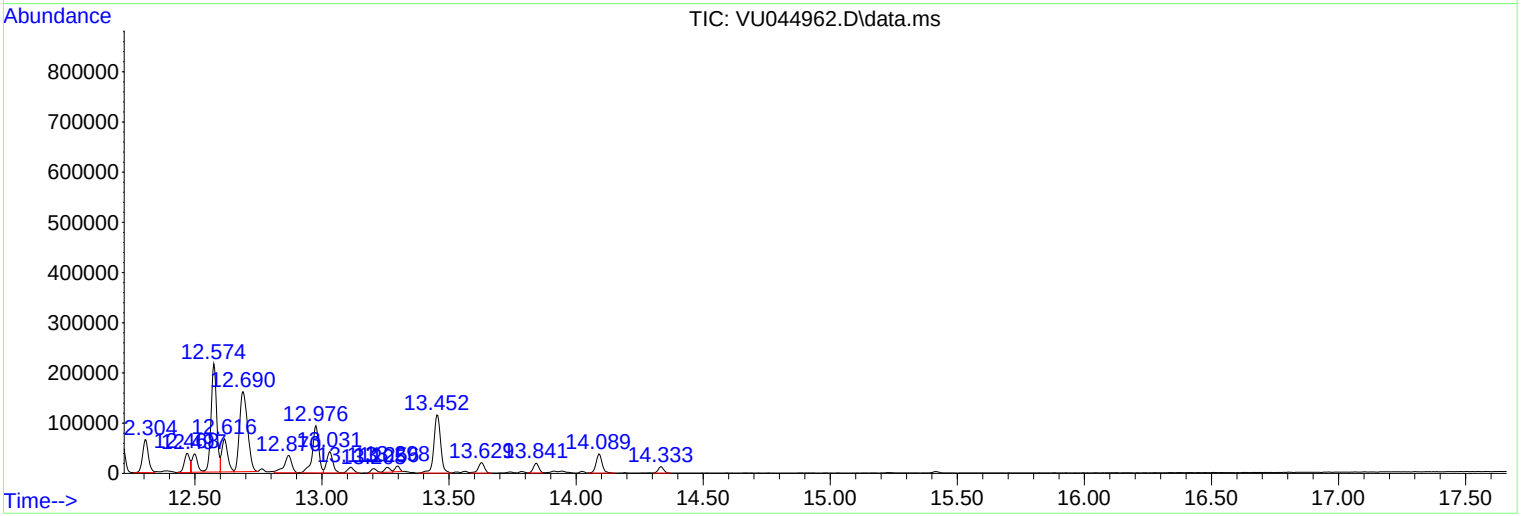
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

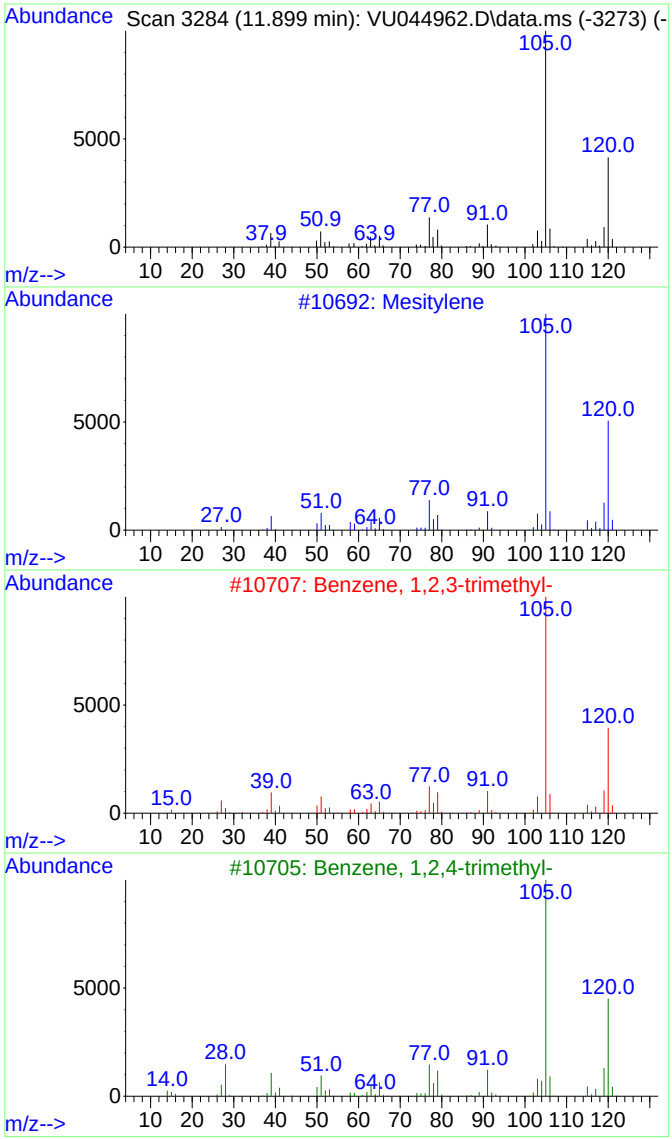
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

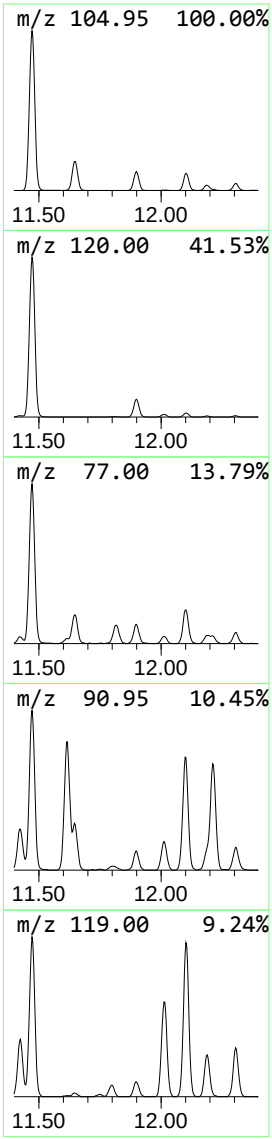
****

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	6.75 ug/l	147491	1,4-Dichlorobenzene-d4	11.816

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

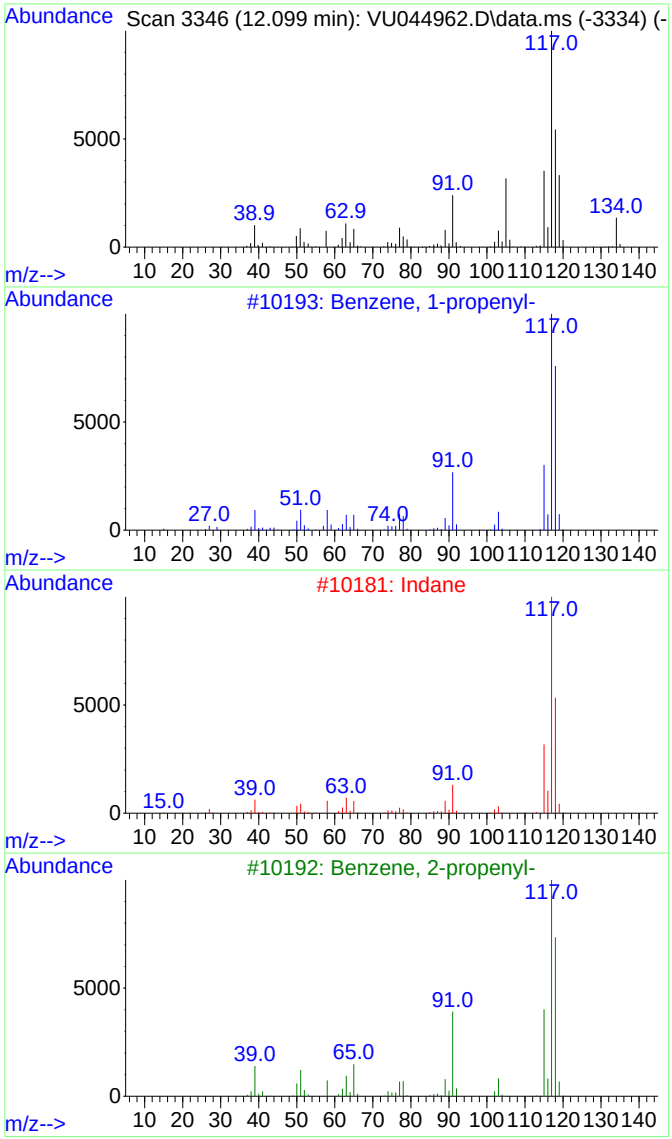
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

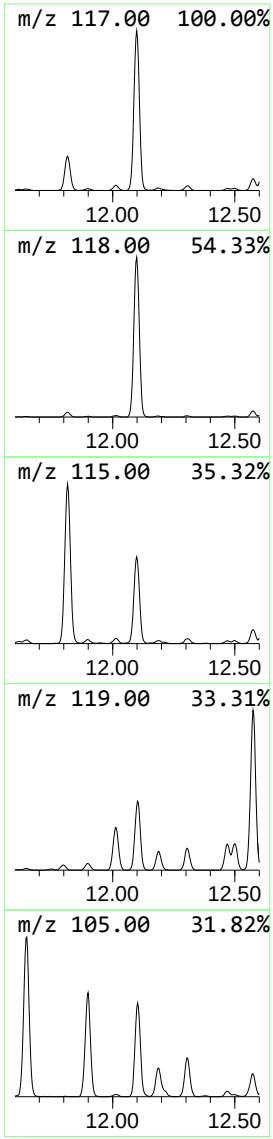
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	30.99 ug/l	677100	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

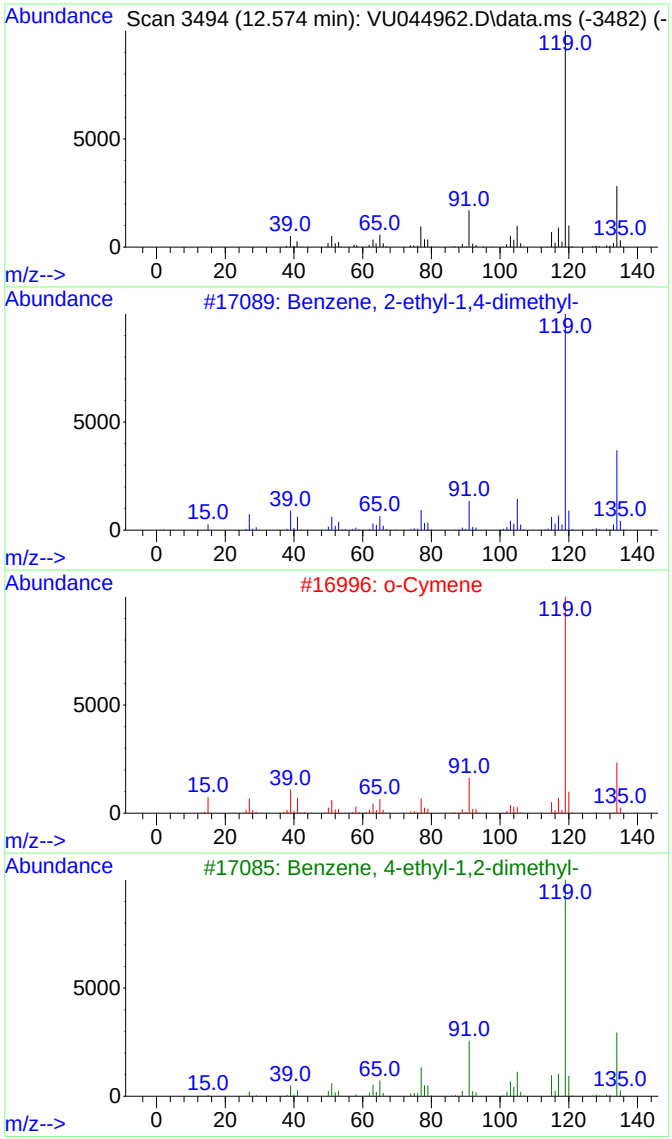
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

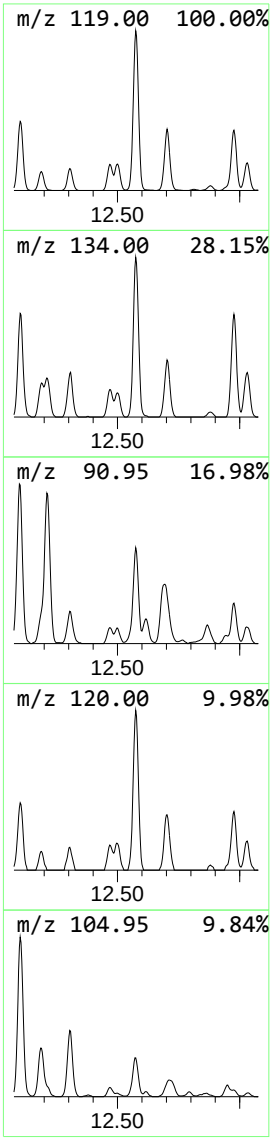
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	15.22 ug/l	332581	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

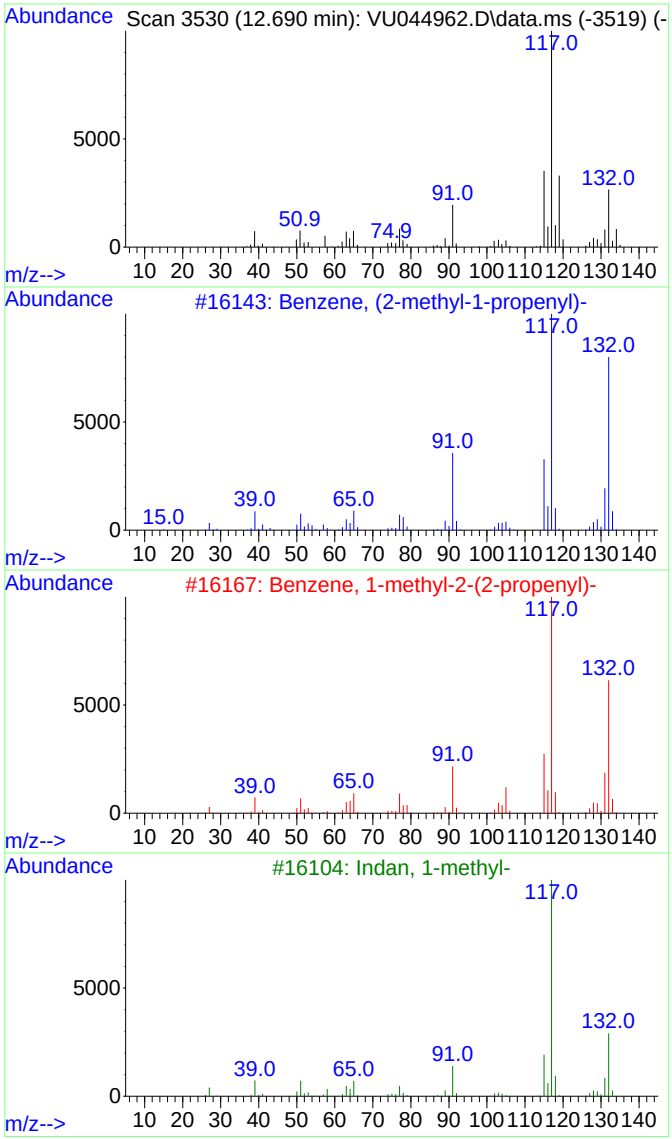
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

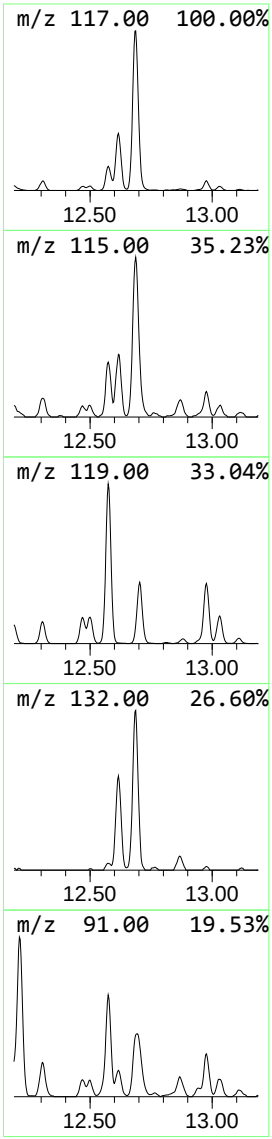
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	16.17 ug/l	353326	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





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Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

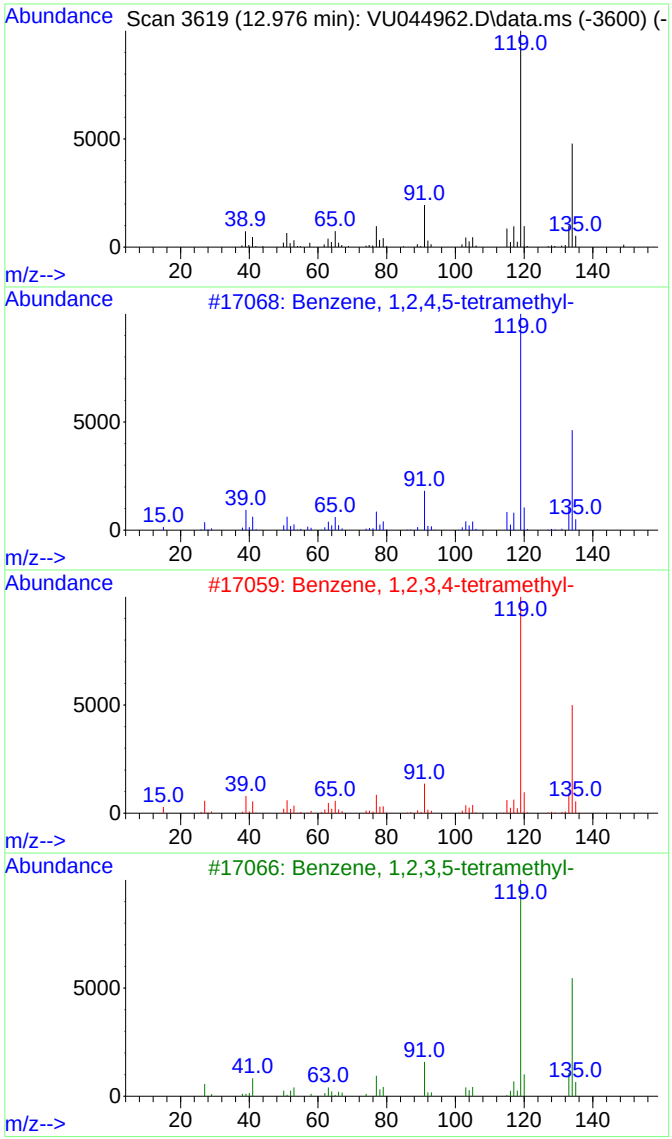
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

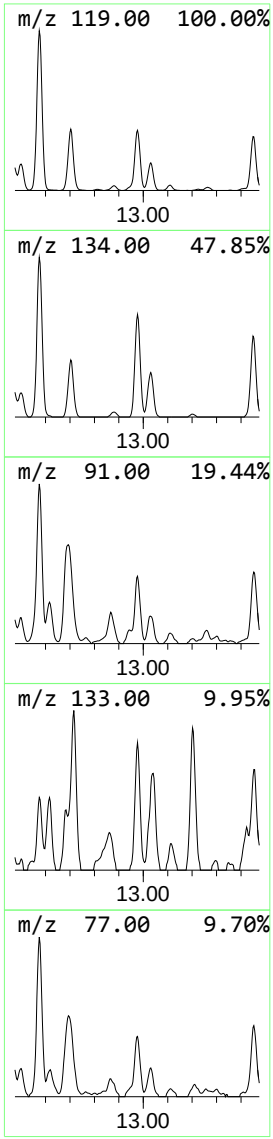
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	7.49 ug/l	163724	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





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Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

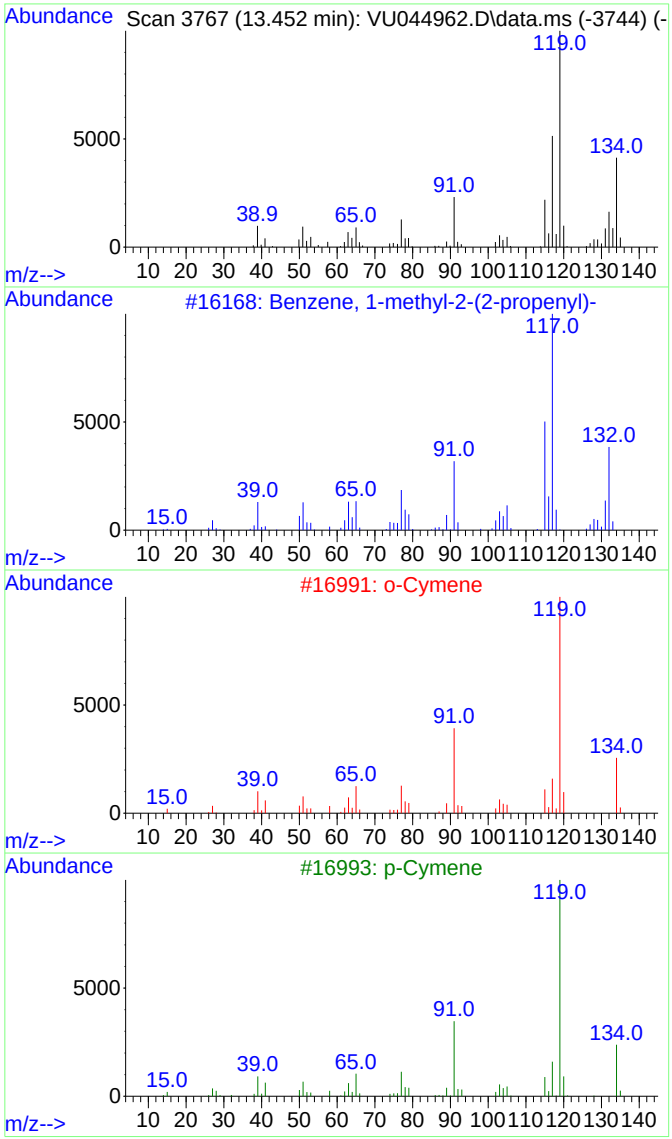
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

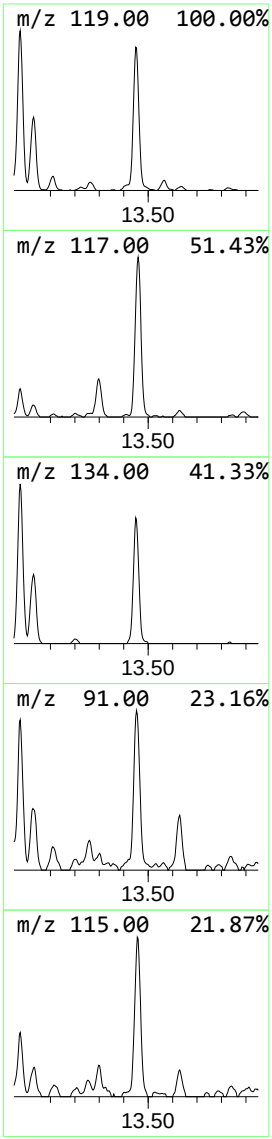
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	9.69 ug/l	211752	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044962.D
Acq On : 29 Sep 2021 00:11
Operator : SY/MD
Sample : M3926-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,4-...	11.899	6.8	ug/l	147491	4	11.816	1092470	50.0
Benzene, 1-prop...	12.099	31.0	ug/l	677100	4	11.816	1092470	50.0
Benzene, 2-ethy...	12.575	15.2	ug/l	332581	4	11.816	1092470	50.0
Benzene, (2-met...	12.690	16.2	ug/l	353326	4	11.816	1092470	50.0
Benzene, 1,2,4,...	12.976	7.5	ug/l	163724	4	11.816	1092470	50.0
Benzene, 1-meth...	13.452	9.7	ug/l	211752	4	11.816	1092470	50.0