LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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: VU044967.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	35	43	54	rBV	35381	38704	3.01%	0.313%
2	5.295	1212	1230	1243	rBV	168577	357753	27.84%	2.895%
3	5.378	1243	1256	1278	rVB	291225	596904	46.45%	4.831%
4	5.706	1343	1358	1384	rBV	202272	423173	32.93%	3.425%
5	6.253	1515	1528	1546	rBV	436857	818076	63.66%	6.620%
6	7.902	2021	2041	2060	rBV	674904	1172149	91.21%	9.486%
7	8.732	2289	2299	2317	rVB2	10822	19112	1.49%	0.155%
8	9.420	2499	2513	2534	rBV	636092	1047685	81.53%	8.479%
9	9.571	2550	2560	2572	rVB4	11577	19126	1.49%	0.155%
10	9.706	2581	2602	2614	rBV9	16408	50997	3.97%	0.413%
11	10.041	2689	2706	2712	rBV6	17441	44272	3.45%	0.358%
12	10.275	2756	2779	2790	rBV6	28230	85495	6.65%	0.692%
13	10.362	2796	2806	2826	rVB7	27964	74387	5.79%	0.602%
14	10.488	2833	2845	2856	rBV	282348	433372	33.72%	3.507%
15	10.635	2878	2891	2904	rBV	502005	809722	63.01%	6.553%
16	10.700	2904	2911	2921	rVB4	18489	31109	2.42%	0.252%
17	10.815	2939	2947	2965	rVB6	31325	56896	4.43%	0.460%
18	10.909	2965	2976	2997	rBV	505413	795592	61.91%	6.439%
19	11.024	3002	3012	3021	rVV6	23208	49786	3.87%	0.403%
20	11.069	3022	3026	3038	rVV6	13590	28381	2.21%	0.230%
21	11.131	3042	3045	3053	rVV6	9182	12868	1.00%	0.104%
22	11.188	3055	3063	3074	rVB10	7561	14247	1.11%	0.115%
23	11.307	3087	3100	3115	rVB7	21539	47056	3.66%	0.381%
24	11.423	3127	3136	3141	rBV2	46614	68659	5.34%	0.556%
25	11.471	3141	3151	3177	rVB	820328	1285044	100.00%	10.400%
26	11.616	3177	3196	3200	rBV	75985	129814	10.10%	1.051%
27	11.648	3200	3206	3218	rVB	127570	196581	15.30%	1.591%
28	11.716	3218	3227	3233	rBV3	9119	13354	1.04%	0.108%
29	11.815	3246	3258	3272	rBV	678891	1107656	86.20%	8.964%
30	11.899	3273	3284	3295	rVB	76217	119797	9.32%	0.969%
31	12.012	3308	3319	3333	rVB	60289	97227	7.57%	0.787%
32	12.098	3333	3346	3360	rBV2	404156	649197	50.52%	5.254%
33	12.188	3362	3374	3378	rBV2	64496	103430	8.05%	0.837%
34	12.307	3398	3411	3423	rBV	60362	98147	7.64%	0.794%
35	12.468	3451	3461	3466	rBV	34218	53372	4.15%	0.432%
36	12.500	3467	3471	3479	rVV	32951	43560	3.39%	0.353%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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	12.574	3482	3494	3502	rVV	207524	324325	25.24%	2.625%
38	12.616	3502	3507	3518	rVV	63365	98550	7.67%	0.798%
39	12.690	3518	3530	3547	rVB3	152315	341734	26.59%	2.766%
40	12.870	3566	3586	3597	rVB2	33846	68204	5.31%	0.552%
41	12.976	3599	3619	3628	rVV	91549	158514	12.34%	1.283%
42	13.031	3628	3636	3651	rVB2	39826	66440	5.17%	0.538%
43	13.111	3651	3661	3675	rBV4	11093	18576	1.45%	0.150%
44	13.204	3682	3690	3699	rBV	7582	13324	1.04%	0.108%
45	13.259	3699	3707	3713	rVV3	9584	14707	1.14%	0.119%
46	13.298	3713	3719	3727	rVB	10967	14647	1.14%	0.119%
47	13.455	3743	3768	3785	rBV3	103564	190452	14.82%	1.541%
48	13.629	3809	3822	3838	rVB4	20315	34485	2.68%	0.279%
49	14.092	3958	3966	3979	rVB	12309	20114	1.57%	0.163%

Sum of corrected areas: 12356772

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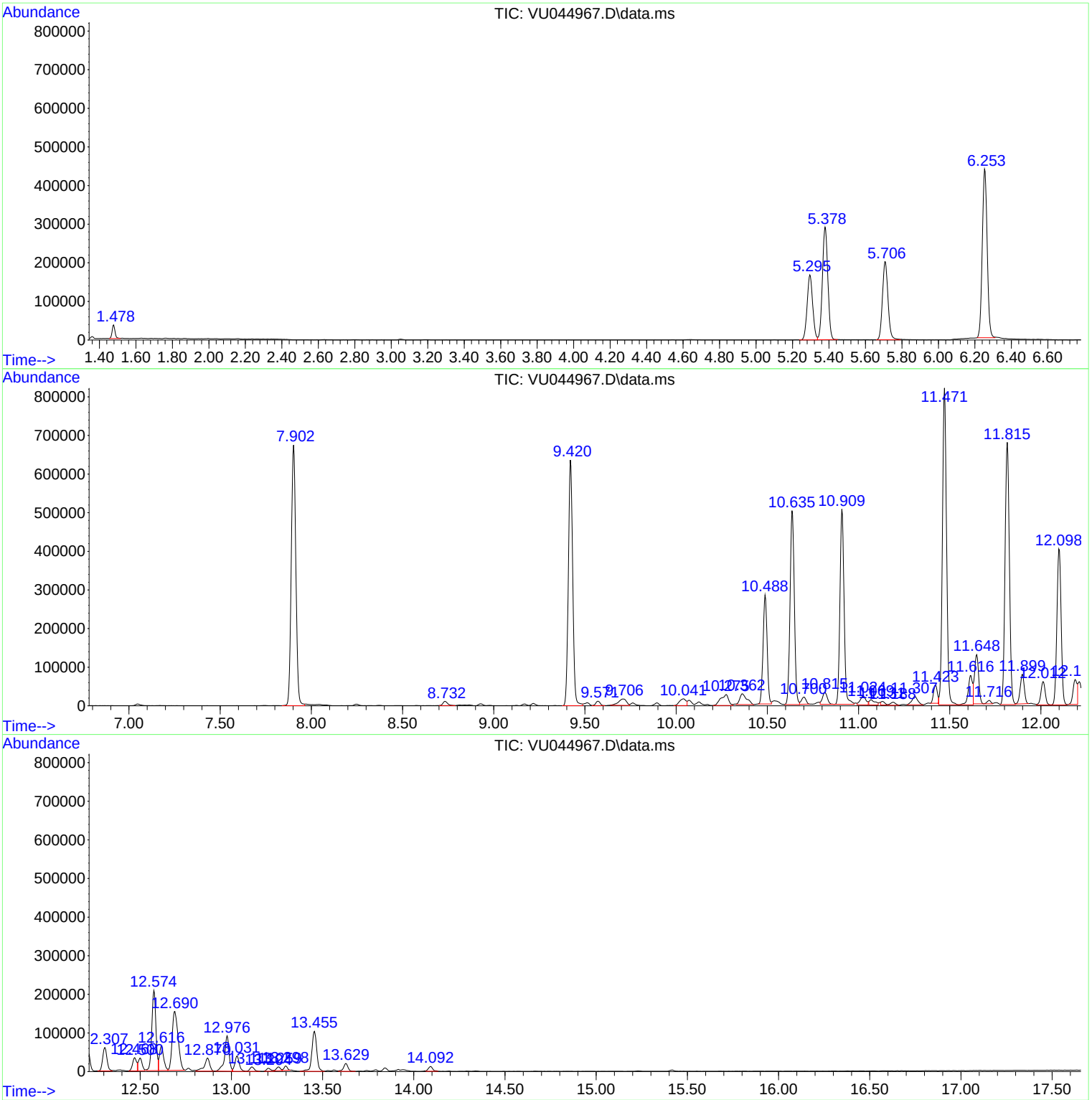
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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 : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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

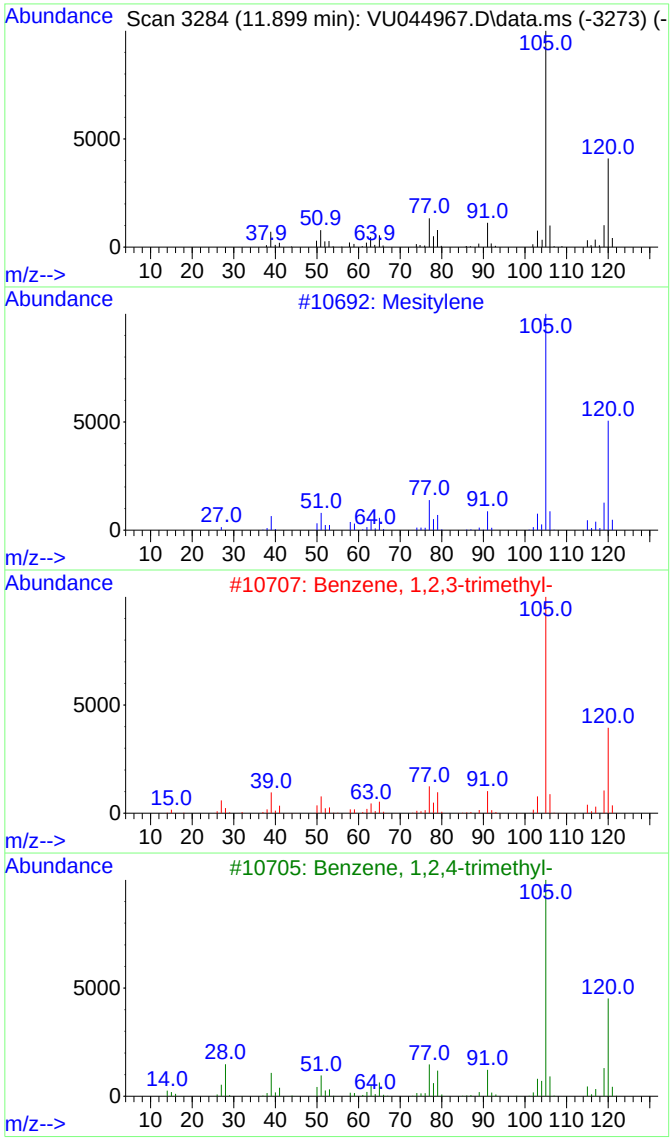
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

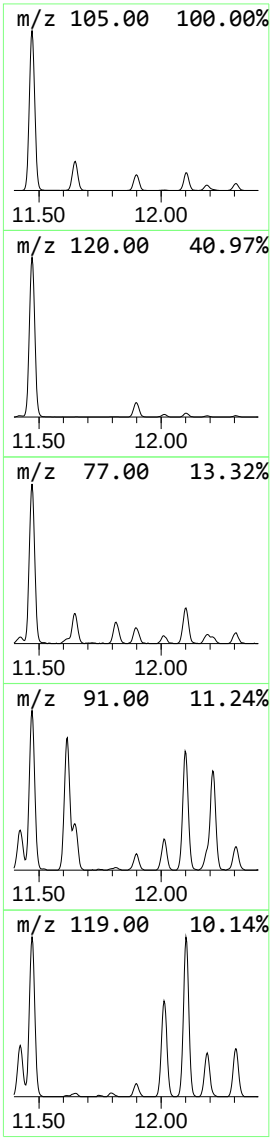
****

Peak Number 1 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	5.41 ug/l	119797	1,4-Dichlorobenzene-d4	11.815

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	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

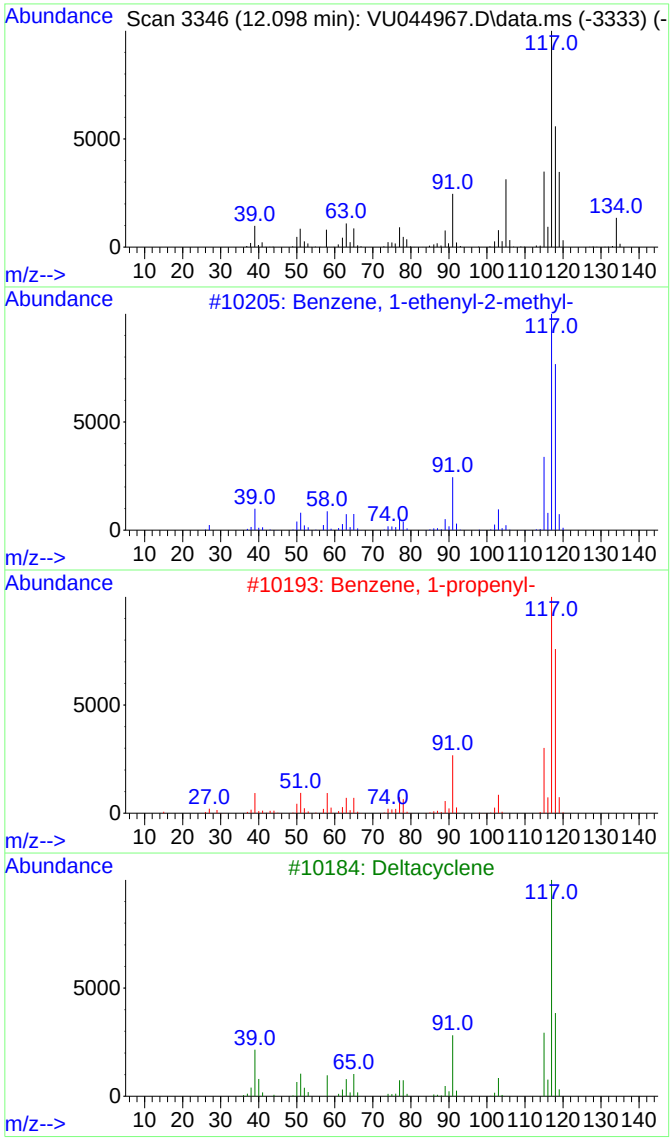
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

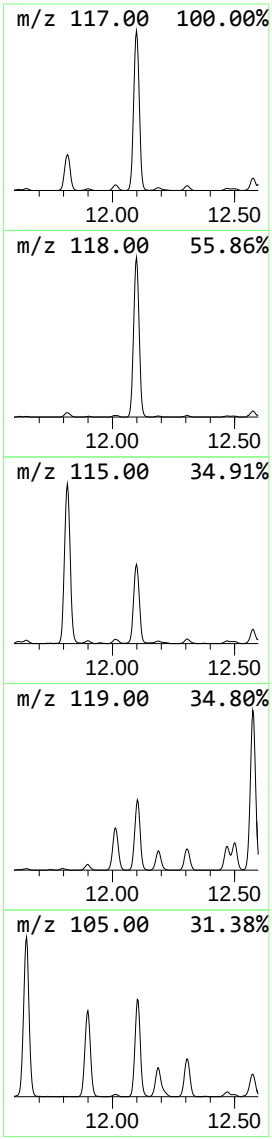
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	29.31 ug/l	649197	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
3	Deltacyclene	118	C9H10	007785-10-6	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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

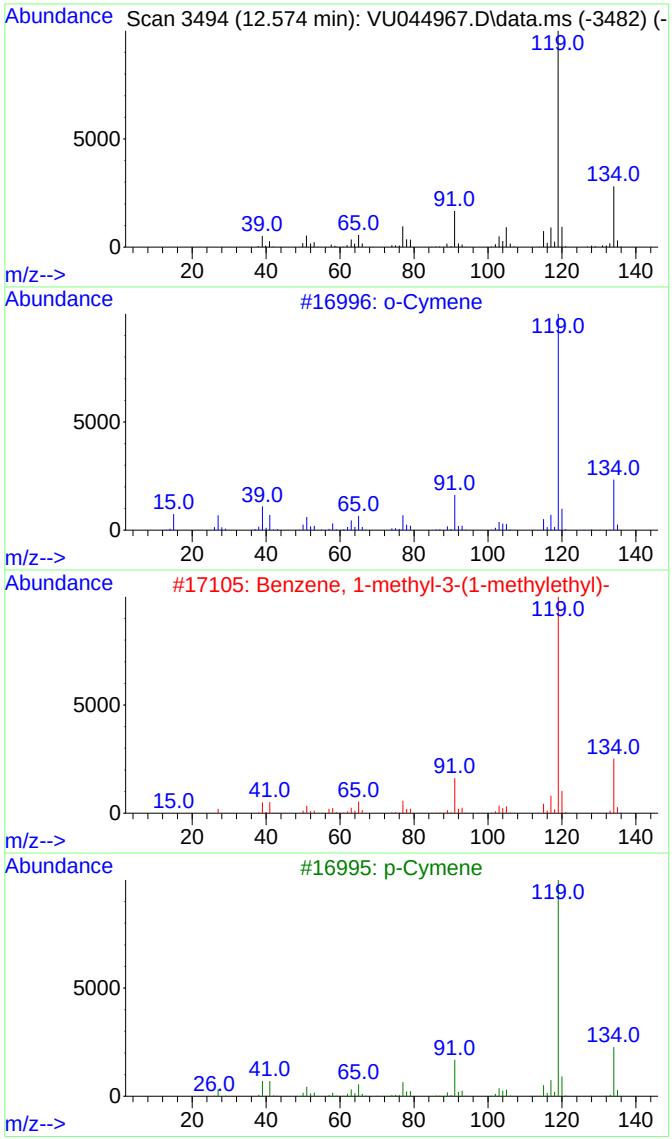
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

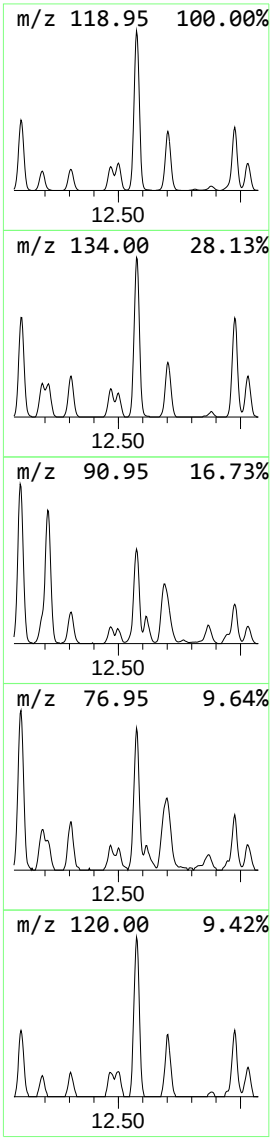
****

Peak Number 3 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	14.64 ug/l	324325	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

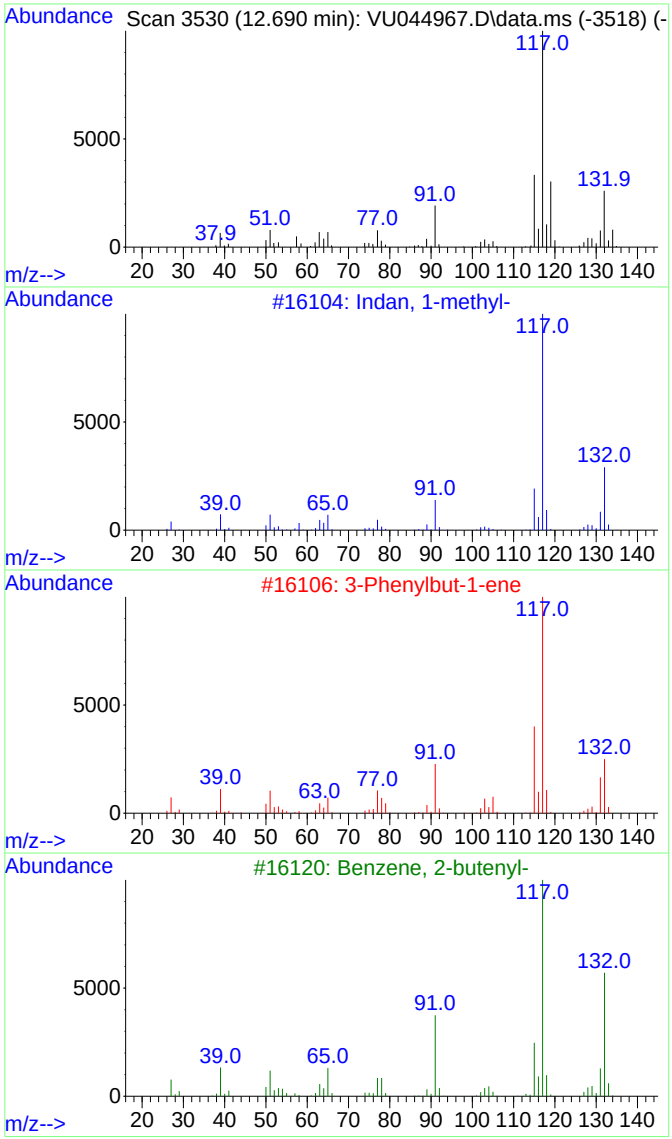
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

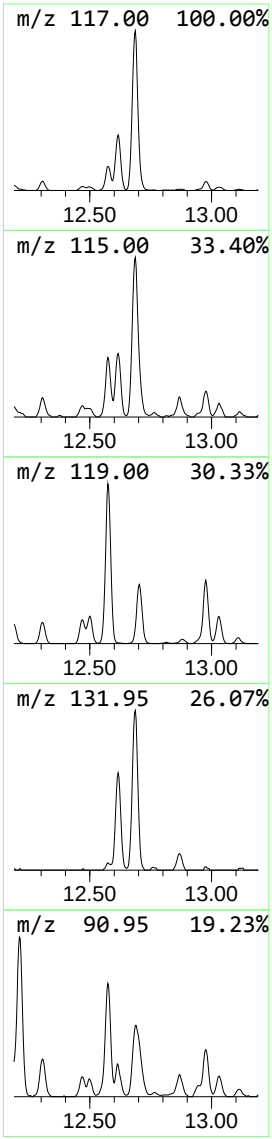
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	15.43 ug/l	341734	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68





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Acq On : 29 Sep 2021 02:08
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

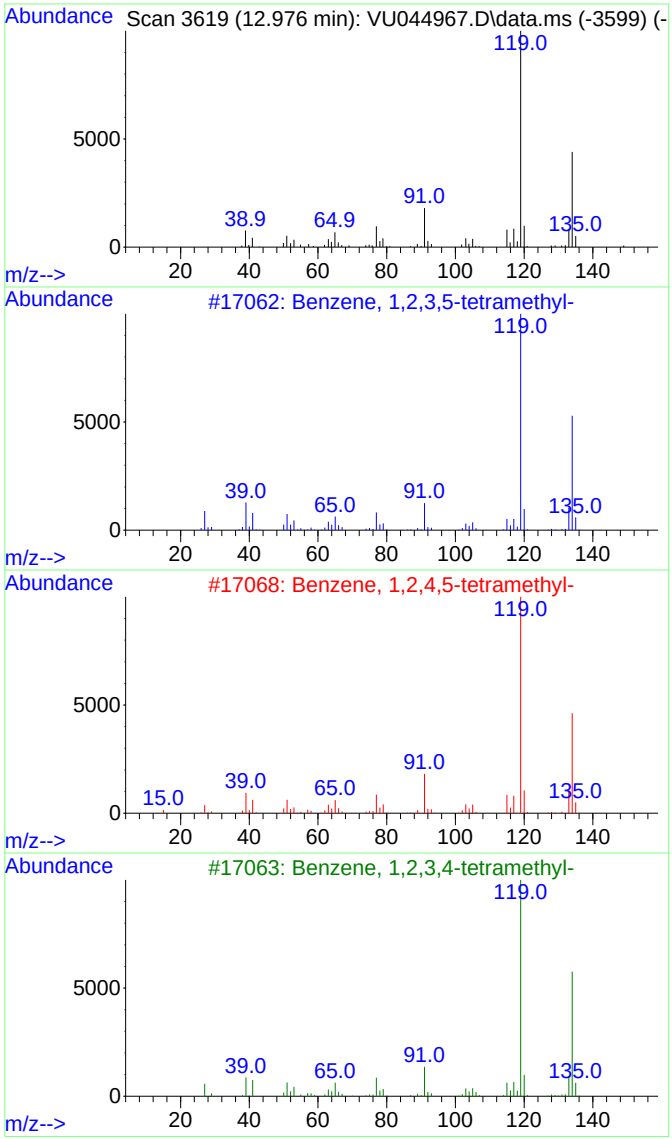
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

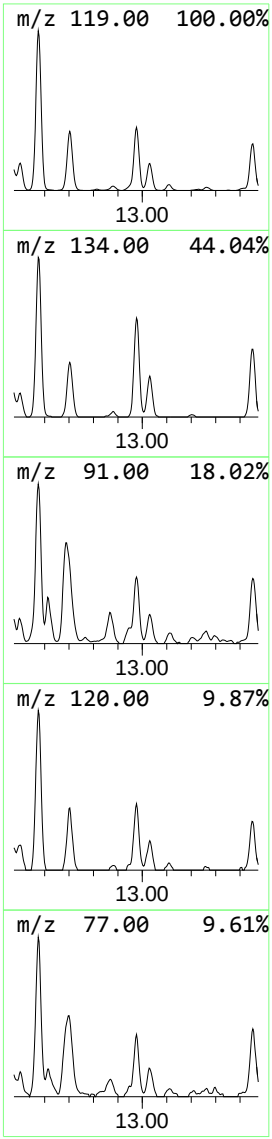
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	7.16 ug/l	158514	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





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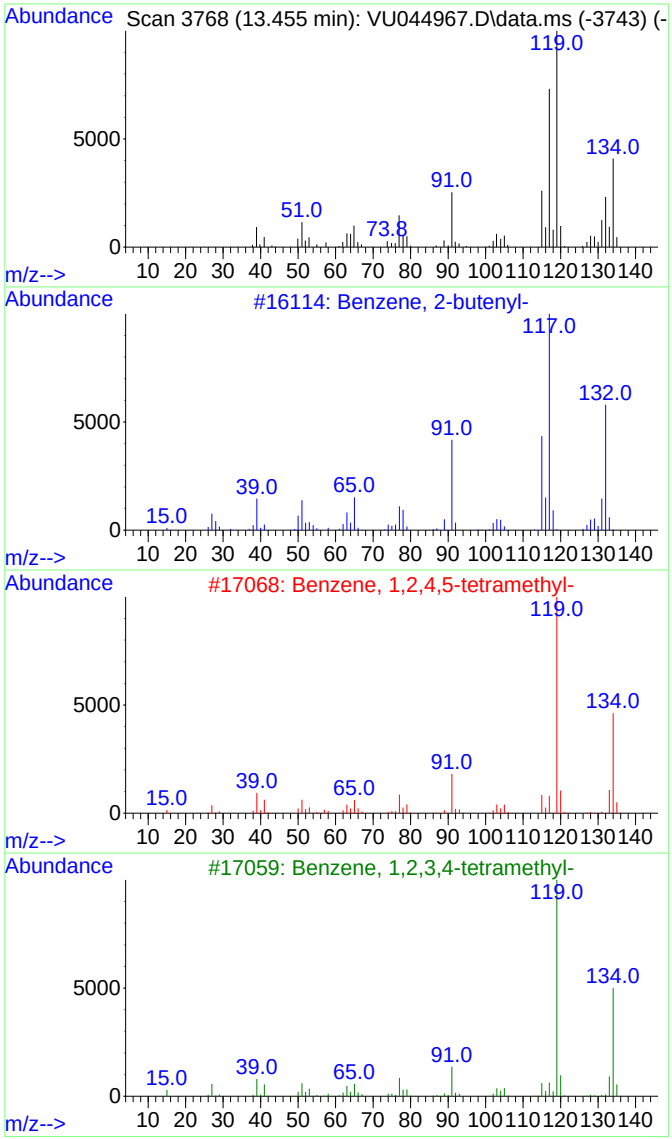
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

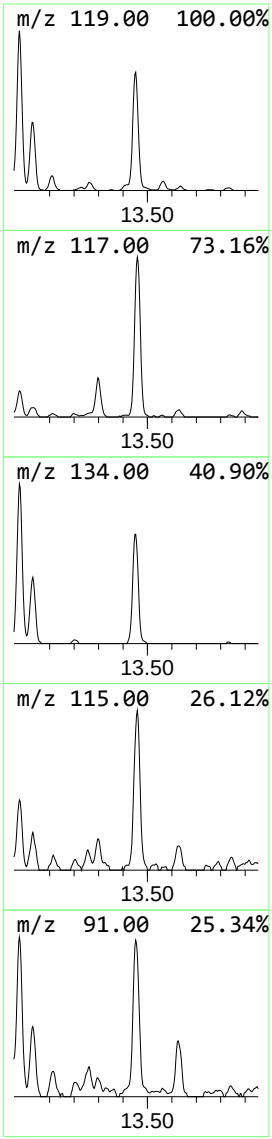
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	8.60 ug/l	190452	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	p-Cymene	134	C10H14	000099-87-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044967.D
Acq On : 29 Sep 2021 02:08
Operator : SY/MD
Sample : M3926-08DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921DL

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
Mesitylene	11.899	5.4	ug/l	119797	4	11.815	1107660	50.0
Benzene, 1-ethe...	12.098	29.3	ug/l	649197	4	11.815	1107660	50.0
o-Cymene	12.574	14.6	ug/l	324325	4	11.815	1107660	50.0
Indan, 1-methyl-	12.690	15.4	ug/l	341734	4	11.815	1107660	50.0
Benzene, 1,2,3,...	12.976	7.2	ug/l	158514	4	11.815	1107660	50.0
Benzene, 2-bute...	13.455	8.6	ug/l	190452	4	11.815	1107660	50.0