LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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: VU045053.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.295	1214	1230	1243	rBV	172776	364288	1.72%	0.444%
2	5.379	1243	1256	1282	rVB	295967	607991	2.88%	0.741%
3	5.707	1341	1358	1375	rBV	209994	428209	2.03%	0.522%
4	6.253	1512	1528	1553	rBV	453536	840884	3.98%	1.025%
5	7.903	2011	2041	2056	rBV	688182	1196901	5.66%	1.459%
6	9.420	2501	2513	2527	rBV	618439	1009076	4.77%	1.230%
7	9.571	2550	2560	2572	rVB	190633	313927	1.49%	0.383%
8	9.694	2573	2598	2614	rBV	991454	1774907	8.40%	2.164%
9	10.038	2671	2705	2712	rBV7	99593	271076	1.28%	0.330%
10	10.272	2755	2778	2788	rBV4	162485	502927	2.38%	0.613%
11	10.362	2796	2806	2814	rBV5	114851	252121	1.19%	0.307%
12	10.488	2832	2845	2855	rBV	1309668	2029887	9.60%	2.475%
13	10.636	2879	2891	2902	rVB	516471	823415	3.90%	1.004%
14	10.813	2938	2946	2963	rVB5	194745	358151	1.69%	0.437%
15	10.909	2964	2976	2987	rBV	2449025	3757857	17.78%	4.581%
16	10.999	2994	3004	3018	rBV	1559272	2422352	11.46%	2.953%
17	11.092	3019	3033	3055	rVB	2933906	4798772	22.71%	5.851%
18	11.295	3086	3096	3115	rBV2	318251	684911	3.24%	0.835%
19	11.423	3127	3136	3140	rBV2	284997	407074	1.93%	0.496%
20	11.475	3140	3152	3176	rVB	13775242	21134185	100.00%	25.766%
21	11.613	3177	3195	3199	rBV	398802	664323	3.14%	0.810%
22	11.645	3199	3205	3217	rVB	815388	1271507	6.02%	1.550%
23	11.748	3230	3237	3247	rVB	422232	655283	3.10%	0.799%
24	11.816	3247	3258	3271	rBV	668328	1049216	4.96%	1.279%
25	11.899	3271	3284	3297	rBV	5337441	8143113	38.53%	9.928%
26	12.012	3309	3319	3333	rVB	371358	595214	2.82%	0.726%
27	12.099	3334	3346	3364	rVV2	2986149	5409601	25.60%	6.595%
28	12.192	3364	3375	3394	rVB3	1038259	2519598	11.92%	3.072%
29	12.304	3399	3410	3426	rBV	552654	888223	4.20%	1.083%
30	12.468	3449	3461	3466	rBV	556902	896924	4.24%	1.094%
31	12.497	3466	3470	3479	rVV	539954	778629	3.68%	0.949%
32	12.575	3483	3494	3501	rVV	1875214	2845490	13.46%	3.469%
33	12.613	3501	3506	3518	rVV	627506	954953	4.52%	1.164%
34	12.687	3518	3529	3548	rVV3	1414394	3038014	14.37%	3.704%
35	12.870	3578	3586	3598	rVB3	399778	744982	3.53%	0.908%
36	12.976	3599	3619	3627	rBV	1171263	2029020	9.60%	2.474%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
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Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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	13.028	3627	3635	3651	rVB2	620752	1032055	4.88%	1.258%
38	13.111	3651	3661	3675	rBV4	179690	335194	1.59%	0.409%
39	13.201	3675	3689	3698	rBV	144728	252430	1.19%	0.308%
40	13.256	3699	3706	3712	rBV3	161450	240094	1.14%	0.293%
41	13.295	3712	3718	3726	rVB	198464	272065	1.29%	0.332%
42	13.452	3757	3767	3784	rVB3	1625196	2879289	13.62%	3.510%
43	13.841	3879	3888	3897	rBV3	164094	268037	1.27%	0.327%
44	13.944	3915	3920	3936	rVB2	142942	280749	1.33%	0.342%

Sum of corrected areas: 82022914

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
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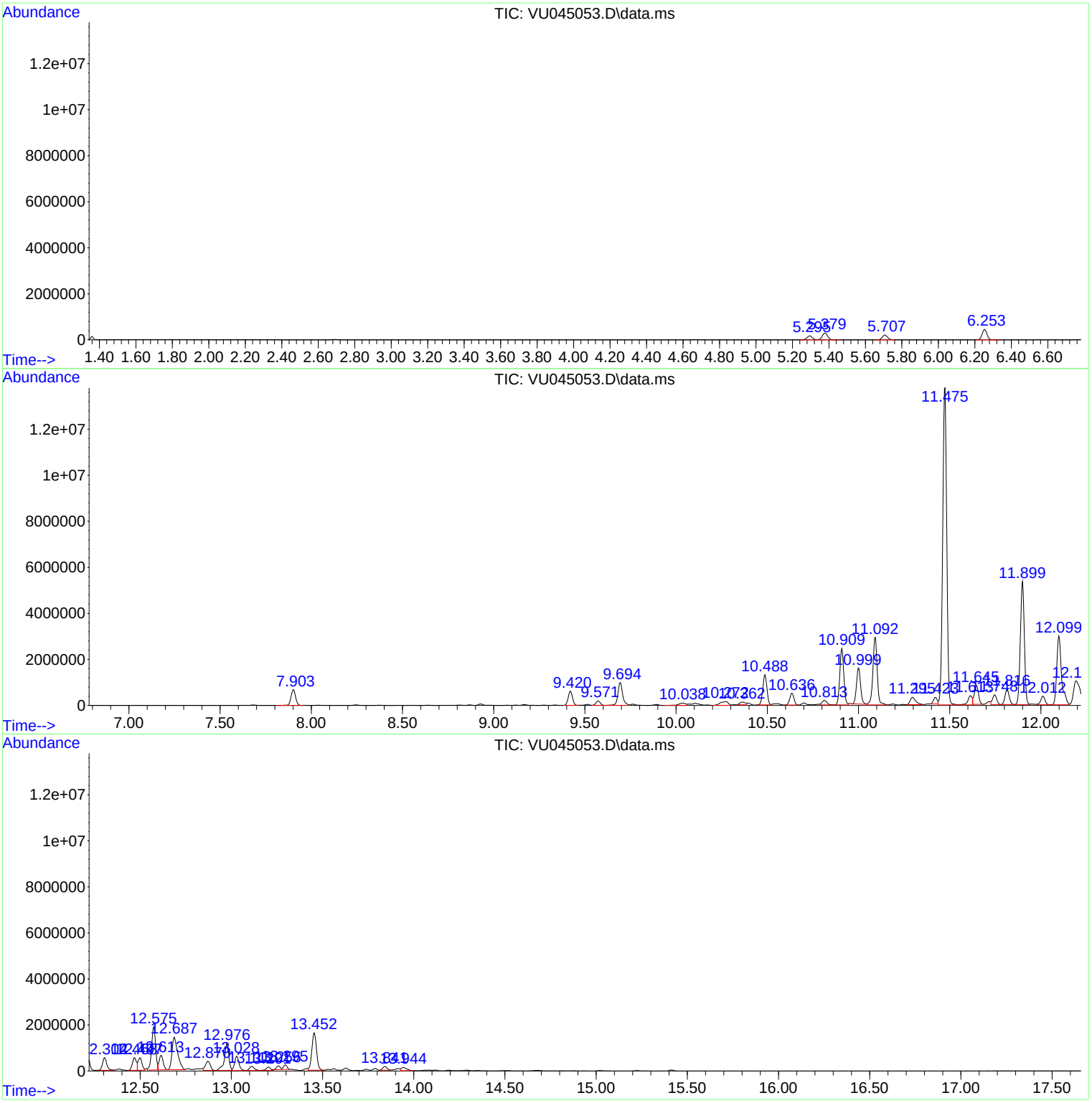
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

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\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

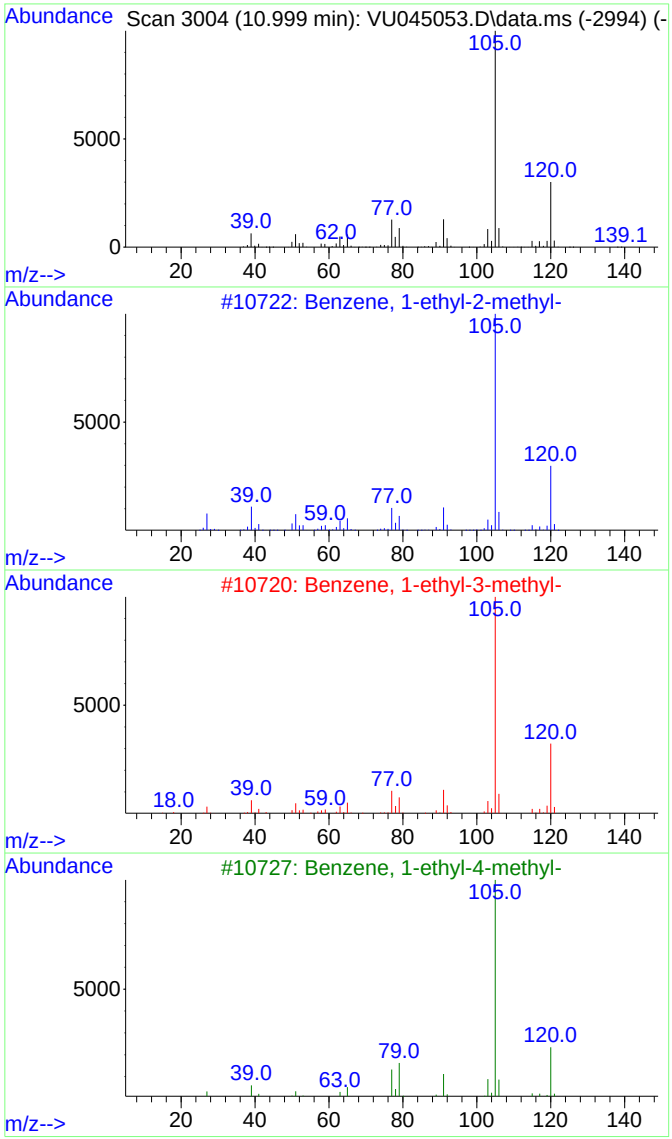
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

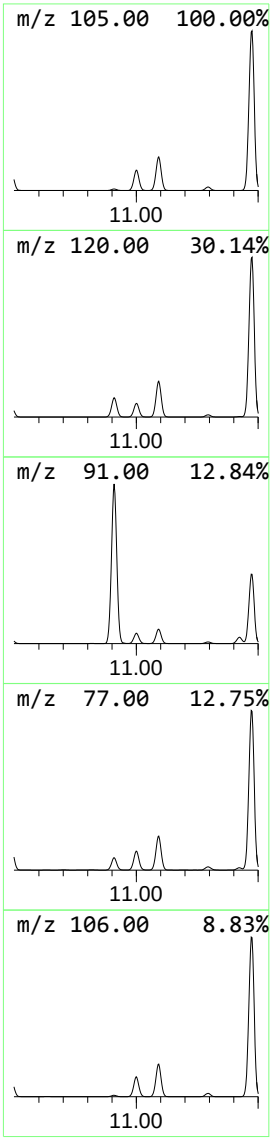
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	115.44 ug/l	2422350	1,4-Dichlorobenzene-d4	11.816

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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

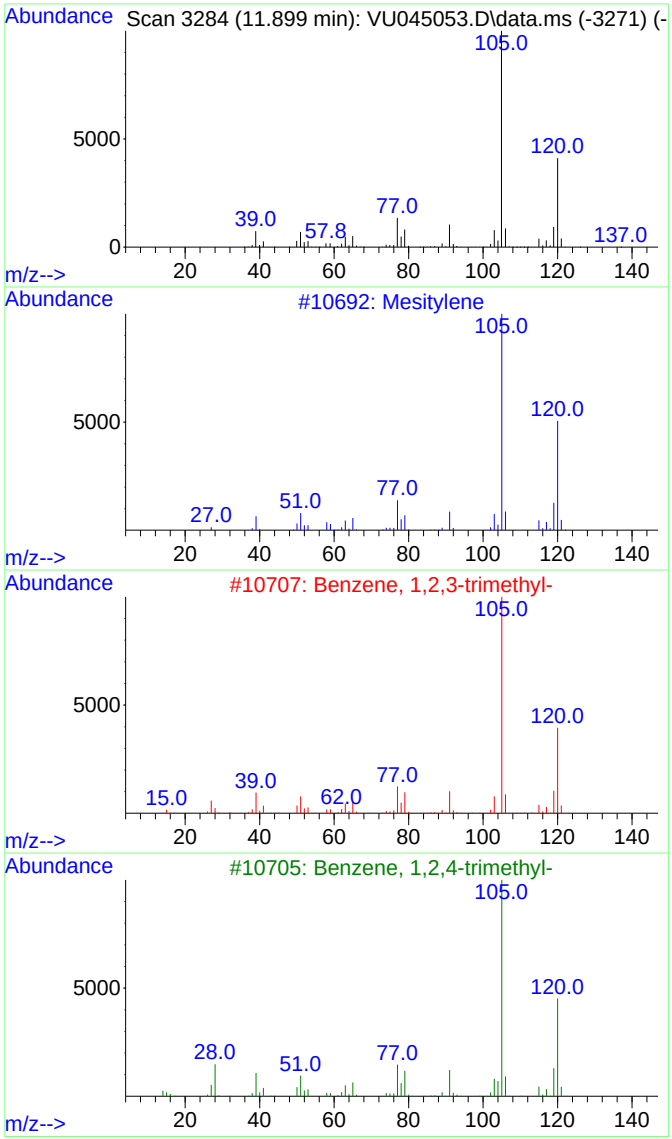
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

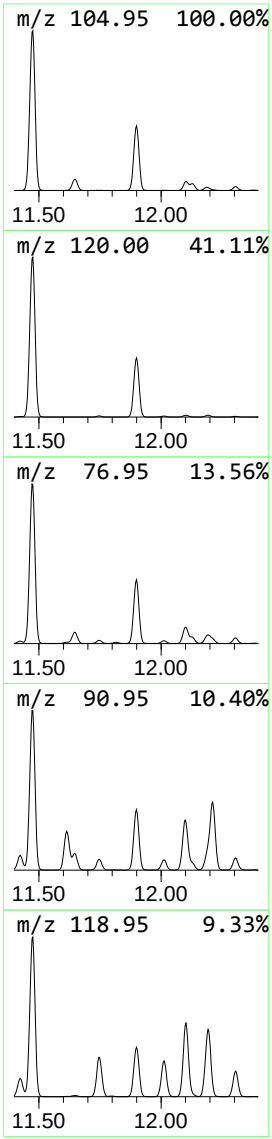
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	388.06 ug/l	8143110	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	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

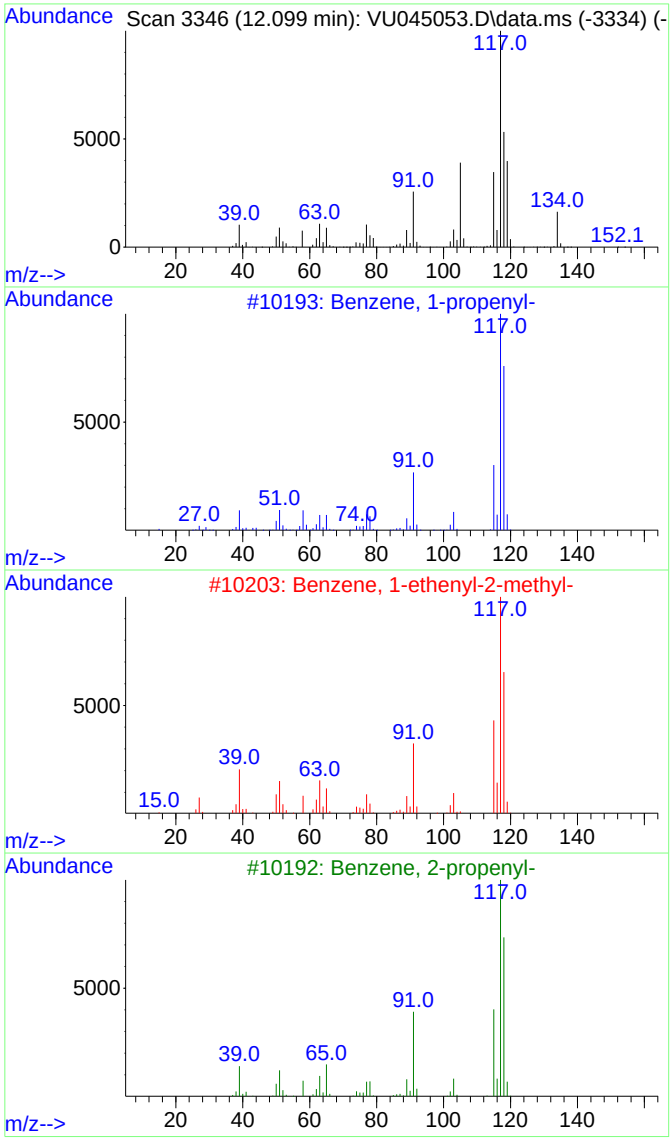
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

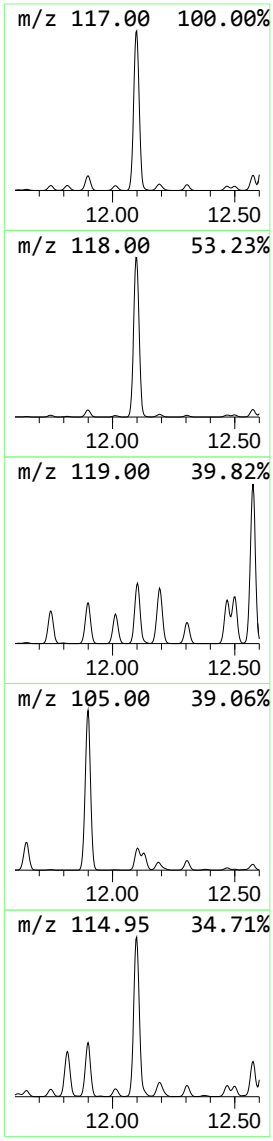
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	257.79 ug/l	5409600	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

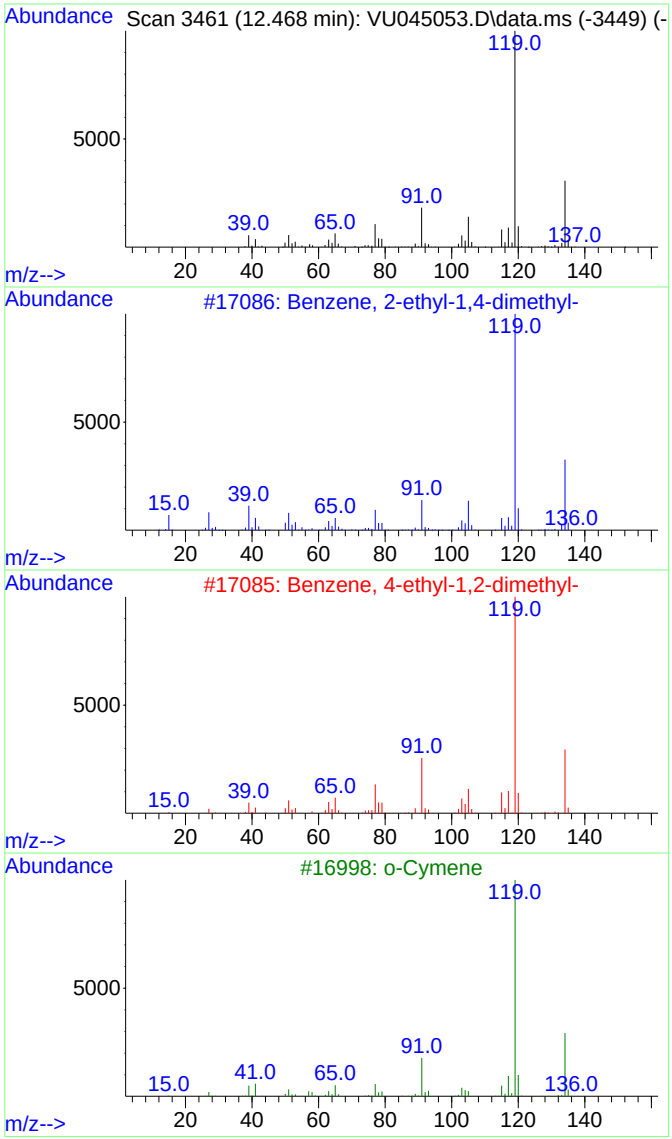
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

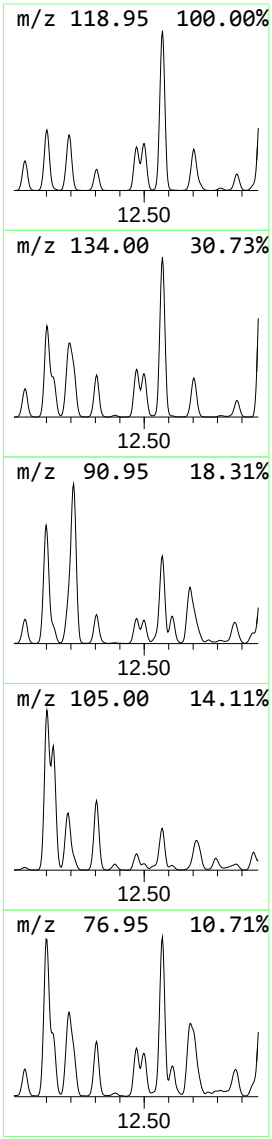
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	42.74 ug/l	896924	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	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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

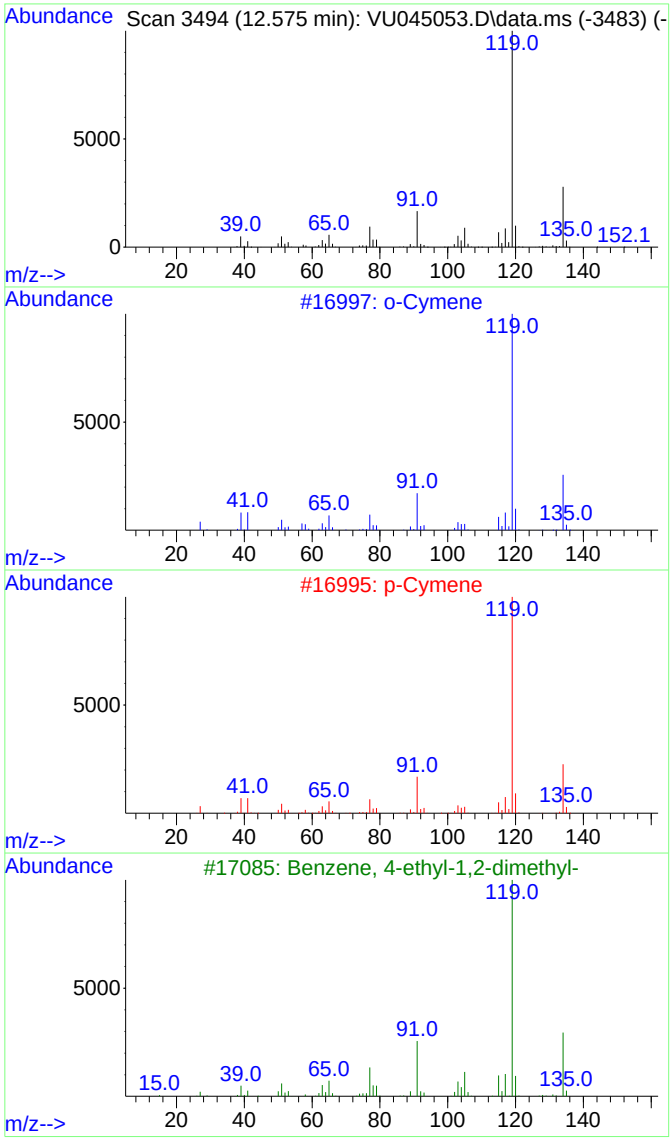
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

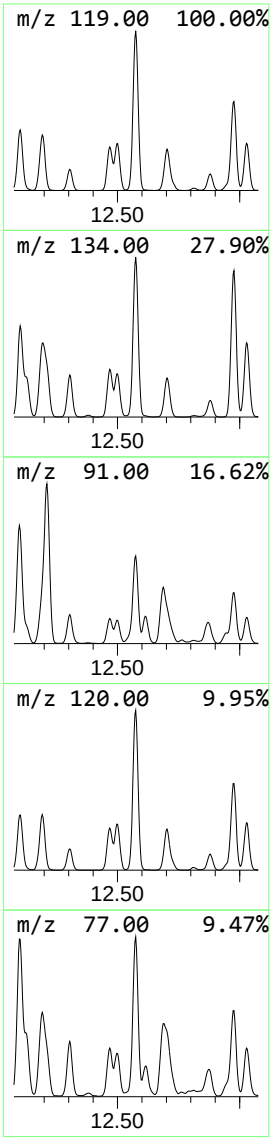
****

Peak Number 5 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	135.60 ug/l	2845490	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	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\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

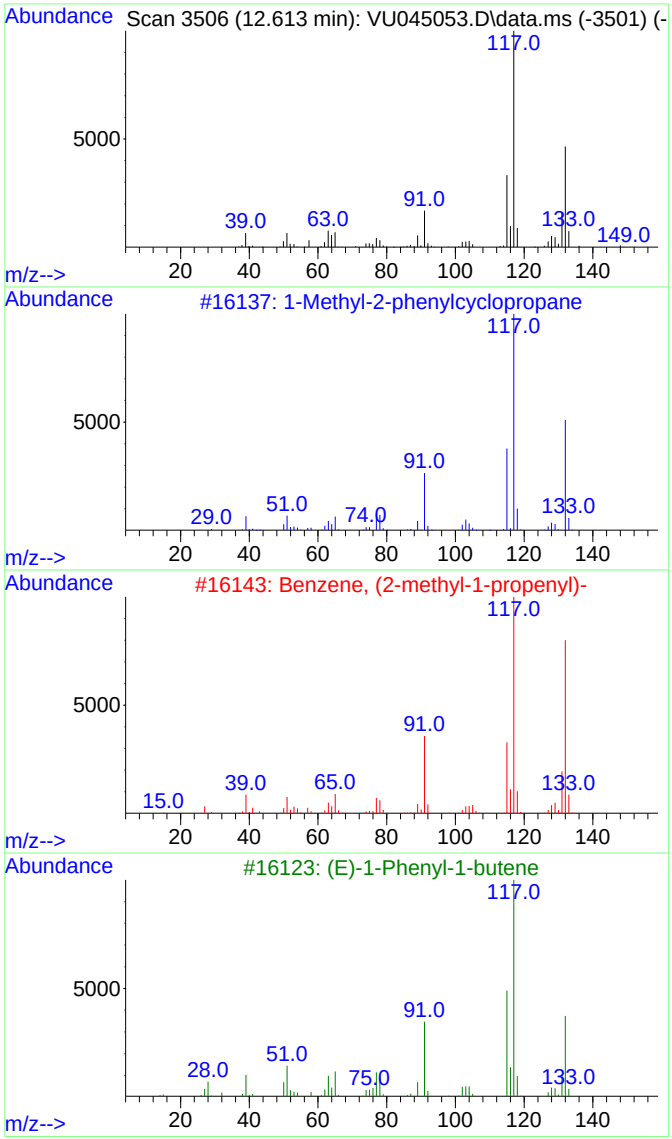
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

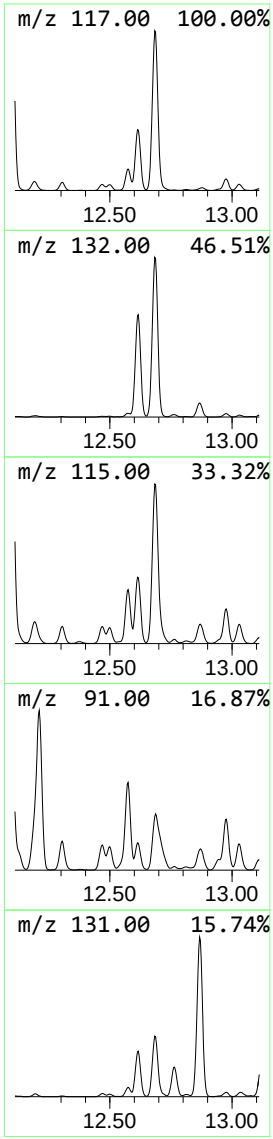
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Methyl-2-phenylcyclopropane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	45.51 ug/l	954953	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





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Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

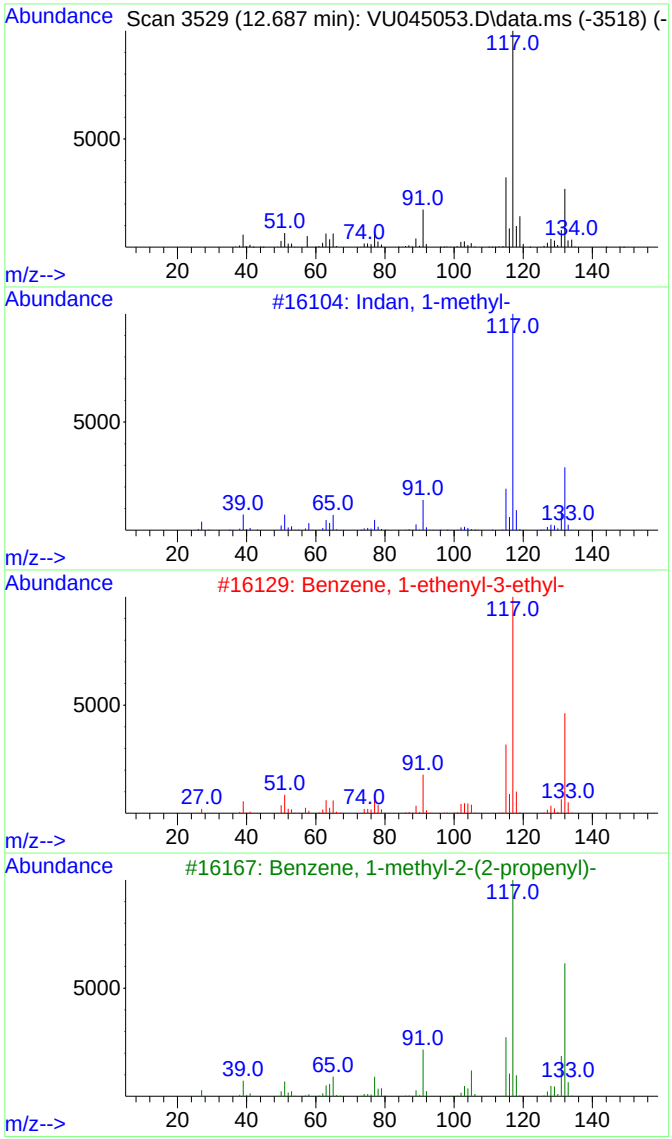
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

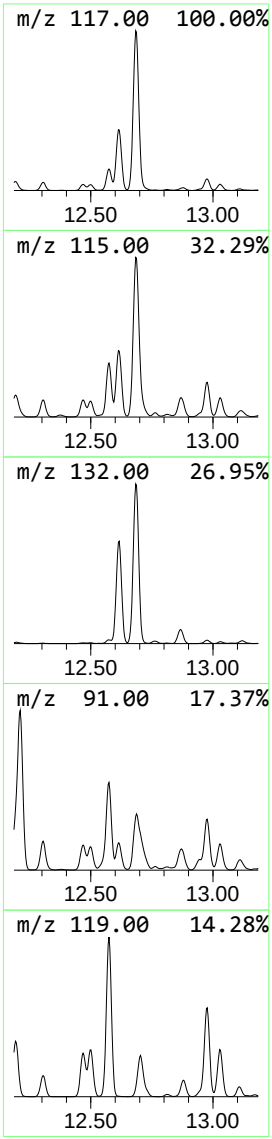
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	144.78 ug/l	3038010	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

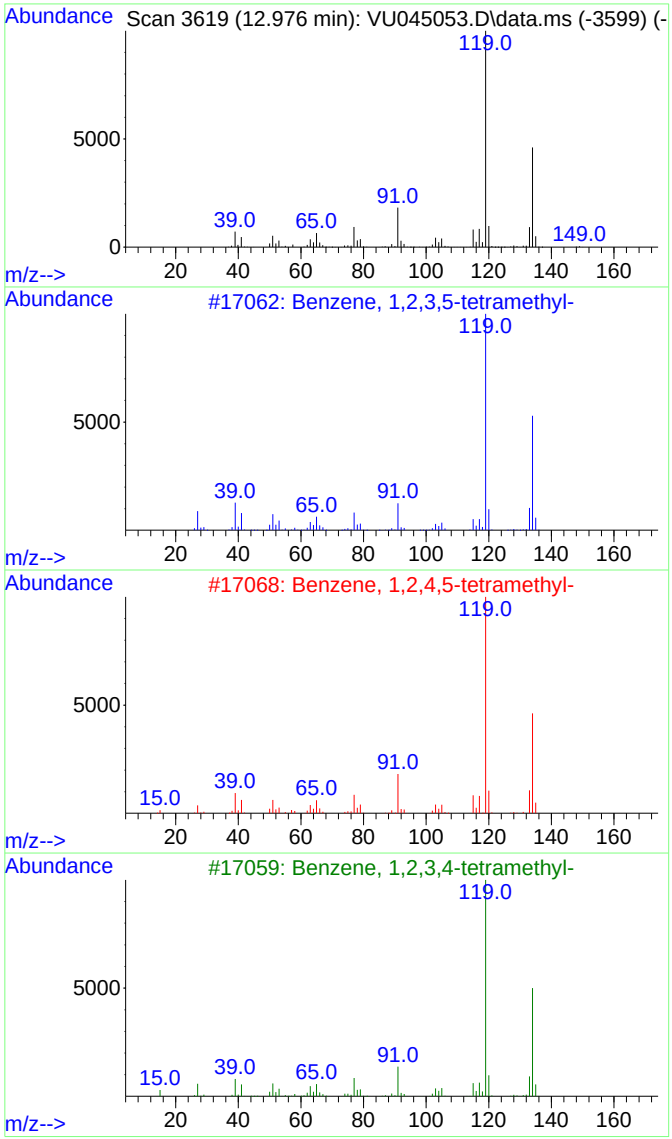
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

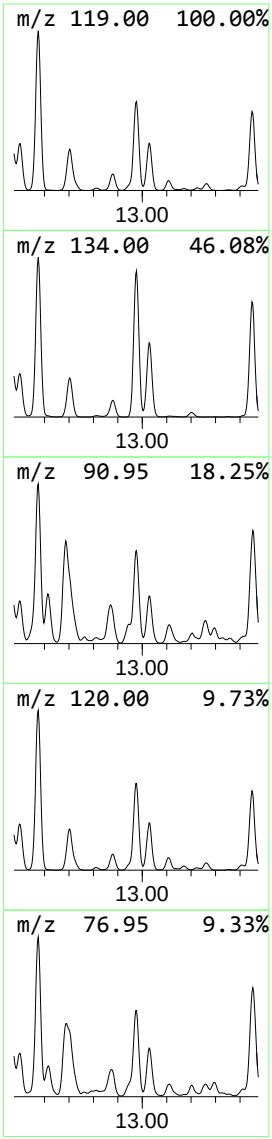
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	96.69 ug/l	2029020	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

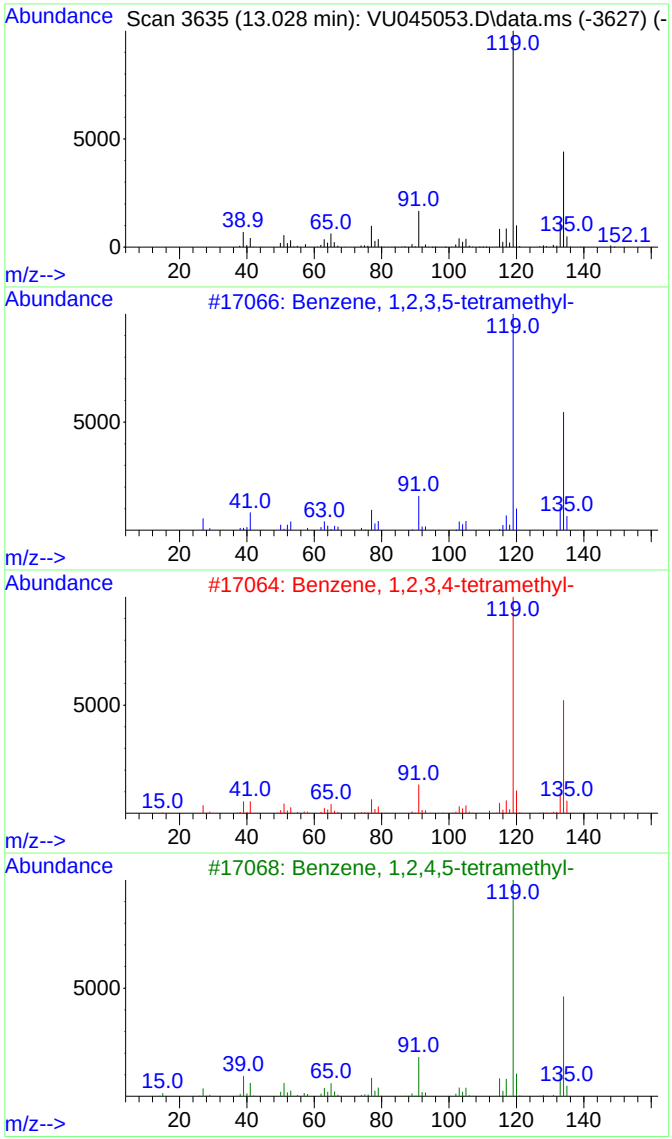
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

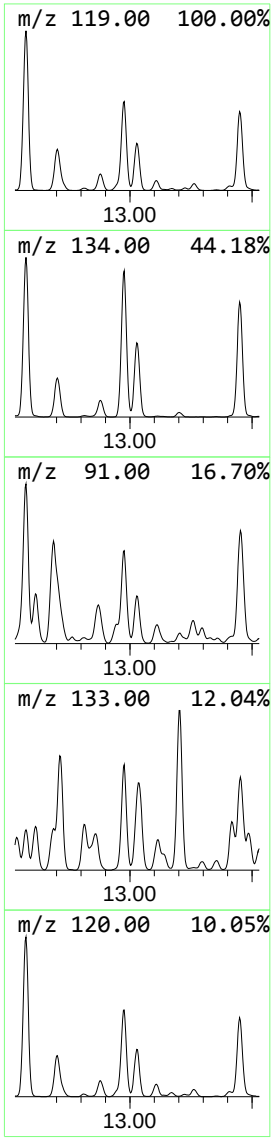
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	49.18 ug/l	1032060	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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

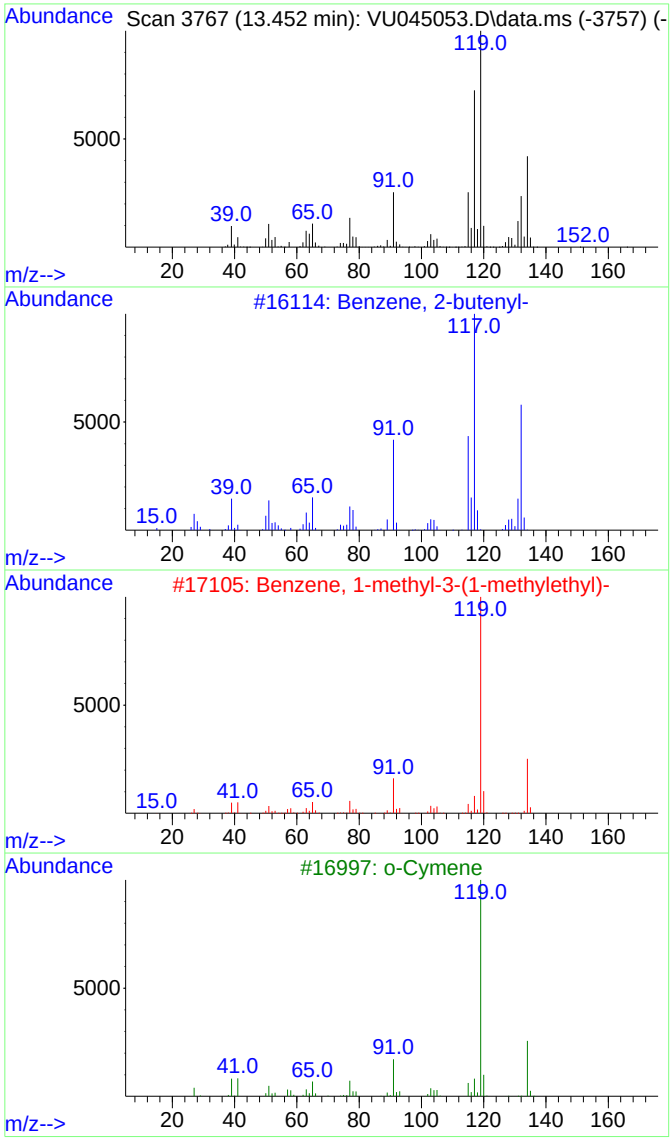
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

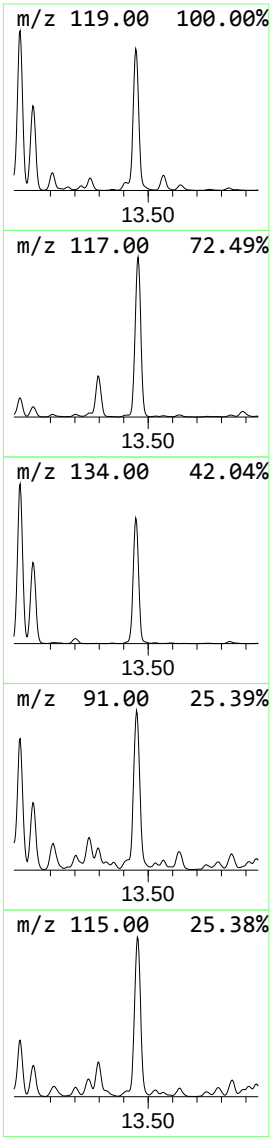
****

Peak Number 10 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	137.21 ug/l	2879290	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
Data File : VU045053.D
Acq On : 30 Sep 2021 17:37
Operator : SY/MD
Sample : M3926-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-5R-0921

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-ethy...	10.999	115.4	ug/l	2422350	4	11.816	1049220	50.0
Benzene, 1,2,3-...	11.899	388.1	ug/l	8143110	4	11.816	1049220	50.0
Benzene, 1-prop...	12.099	257.8	ug/l	5409600	4	11.816	1049220	50.0
Benzene, 2-ethy...	12.468	42.7	ug/l	896924	4	11.816	1049220	50.0
o-Cymene	12.575	135.6	ug/l	2845490	4	11.816	1049220	50.0
1-Methyl-2-phen...	12.613	45.5	ug/l	954953	4	11.816	1049220	50.0
Indan, 1-methyl-	12.687	144.8	ug/l	3038010	4	11.816	1049220	50.0
Benzene, 1,2,3,...	12.976	96.7	ug/l	2029020	4	11.816	1049220	50.0
Benzene, 1,2,3,...	13.028	49.2	ug/l	1032060	4	11.816	1049220	50.0
Benzene, 2-bute...	13.452	137.2	ug/l	2879290	4	11.816	1049220	50.0