LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-3R-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: VU045010.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	1213	1230	1243	rBV	182669	388241	1.70%	0.541%
2	5.378	1243	1256	1275	rVB	329727	676859	2.96%	0.942%
3	5.706	1343	1358	1375	rBV	222555	451986	1.98%	0.629%
4	6.253	1513	1528	1554	rBV	487920	917213	4.01%	1.277%
5	7.902	2030	2041	2057	rVB	761277	1313741	5.74%	1.829%
6	9.420	2500	2513	2526	rBV	690540	1118006	4.89%	1.557%
7	9.574	2550	2561	2573	rVB	755682	1201257	5.25%	1.672%
8	9.697	2573	2599	2614	rBV	1638826	2924193	12.78%	4.071%
9	10.041	2673	2706	2711	rBV3	118719	275768	1.21%	0.384%
10	10.102	2719	2725	2754	rVB	294536	564525	2.47%	0.786%
11	10.275	2772	2779	2791	rVV	265248	450596	1.97%	0.627%
12	10.362	2795	2806	2825	rVV7	224627	496249	2.17%	0.691%
13	10.488	2834	2845	2855	rBV	1513565	2285346	9.99%	3.182%
14	10.635	2878	2891	2902	rBV	552307	866979	3.79%	1.207%
15	10.700	2902	2911	2922	rBV2	149346	248378	1.09%	0.346%
16	10.816	2939	2947	2963	rVB3	161052	277373	1.21%	0.386%
17	10.909	2964	2976	2994	rBV	2325955	3533625	15.44%	4.920%
18	10.999	2995	3004	3020	rVV	432417	822242	3.59%	1.145%
19	11.092	3020	3033	3044	rVB	664116	1031470	4.51%	1.436%
20	11.301	3086	3098	3117	rBV5	211957	474713	2.07%	0.661%
21	11.423	3119	3136	3140	rBV	253004	392233	1.71%	0.546%
22	11.475	3140	3152	3176	rVB	15291239	22881728	100.00%	31.857%
23	11.613	3178	3195	3199	rBV	458298	714812	3.12%	0.995%
24	11.645	3200	3205	3218	rVB	799628	1207480	5.28%	1.681%
25	11.748	3220	3237	3246	rVB	293527	505552	2.21%	0.704%
26	11.815	3246	3258	3270	rBV	705220	1126056	4.92%	1.568%
27	11.899	3271	3284	3307	rVB	3460918	5305411	23.19%	7.386%
28	12.012	3308	3319	3332	rVB	311202	482655	2.11%	0.672%
29	12.098	3333	3346	3364	rBV2	2833767	4847849	21.19%	6.749%
30	12.192	3364	3375	3378	rBV3	552812	877784	3.84%	1.222%
31	12.304	3399	3410	3423	rBV	315726	510067	2.23%	0.710%
32	12.468	3449	3461	3466	rBV	648244	1024669	4.48%	1.427%
33	12.500	3466	3471	3481	rVV	636321	908827	3.97%	1.265%
34	12.574	3483	3494	3501	rVV	1412924	2140928	9.36%	2.981%
35	12.616	3501	3507	3518	rVV	451383	714167	3.12%	0.994%
36	12.687	3518	3529	3548	rVV3	1041344	2338216	10.22%	3.255%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-3R-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	12.873	3577	3587	3599	rVB3	375975	706398	3.09%	0.983%
38	12.976	3599	3619	3627	rBV	518153	946687	4.14%	1.318%
39	13.028	3627	3635	3650	rVB	724292	1132403	4.95%	1.577%
40	13.111	3651	3661	3676	rBV4	143759	276614	1.21%	0.385%
41	13.452	3757	3767	3784	rVB3	904327	1613192	7.05%	2.246%
42	13.626	3811	3821	3838	rVB	375440	618749	2.70%	0.861%
43	14.089	3949	3965	3987	rVB2	105824	234810	1.03%	0.327%

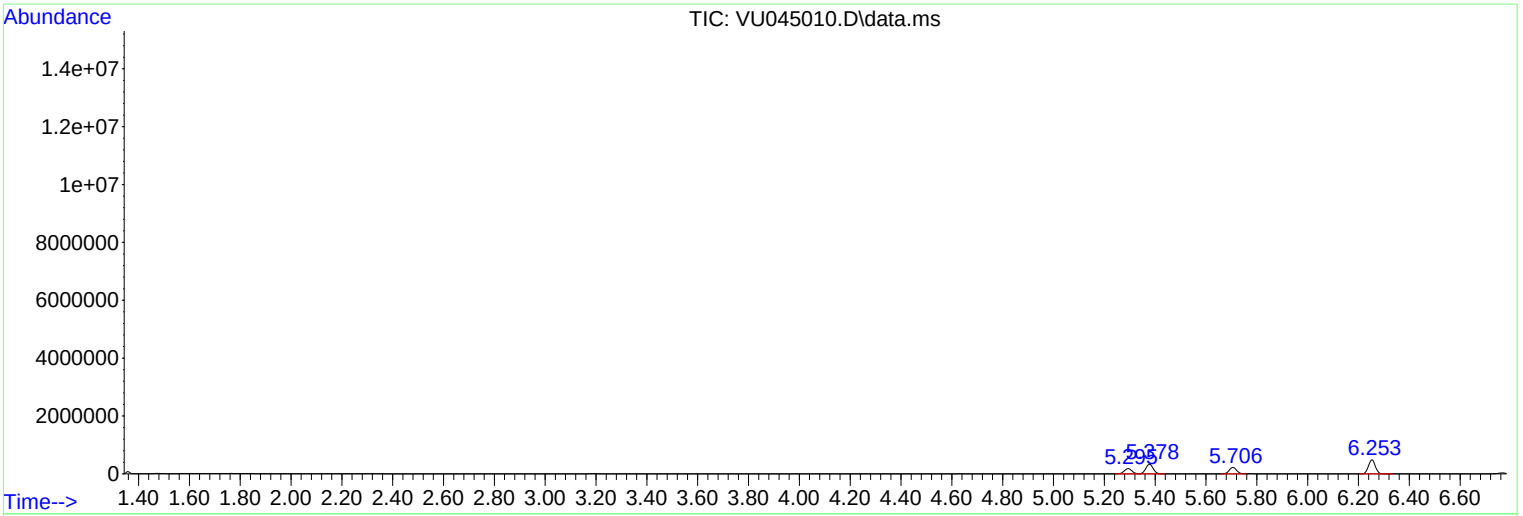
Sum of corrected areas: 71826047

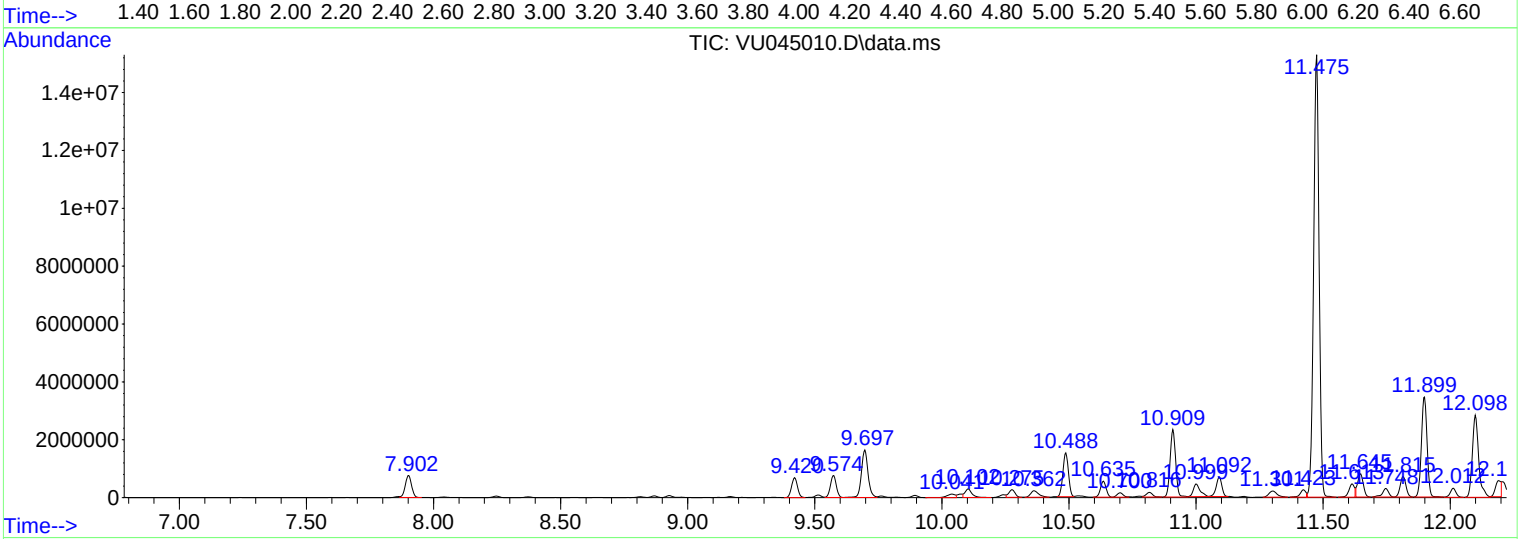
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

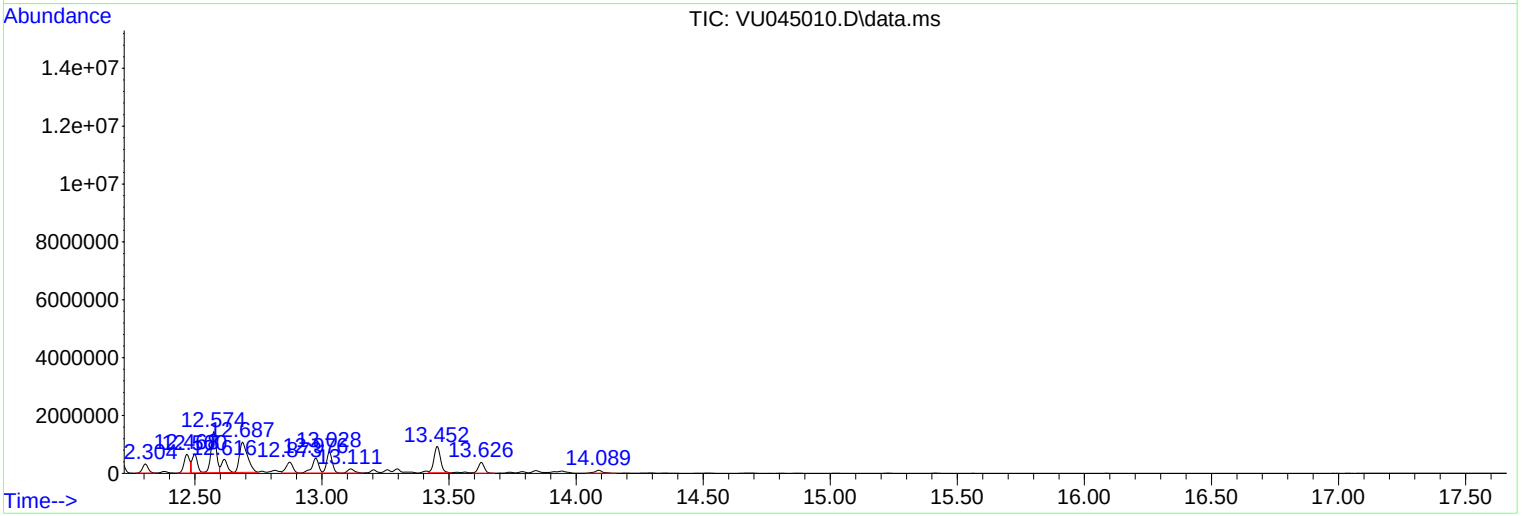
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

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\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

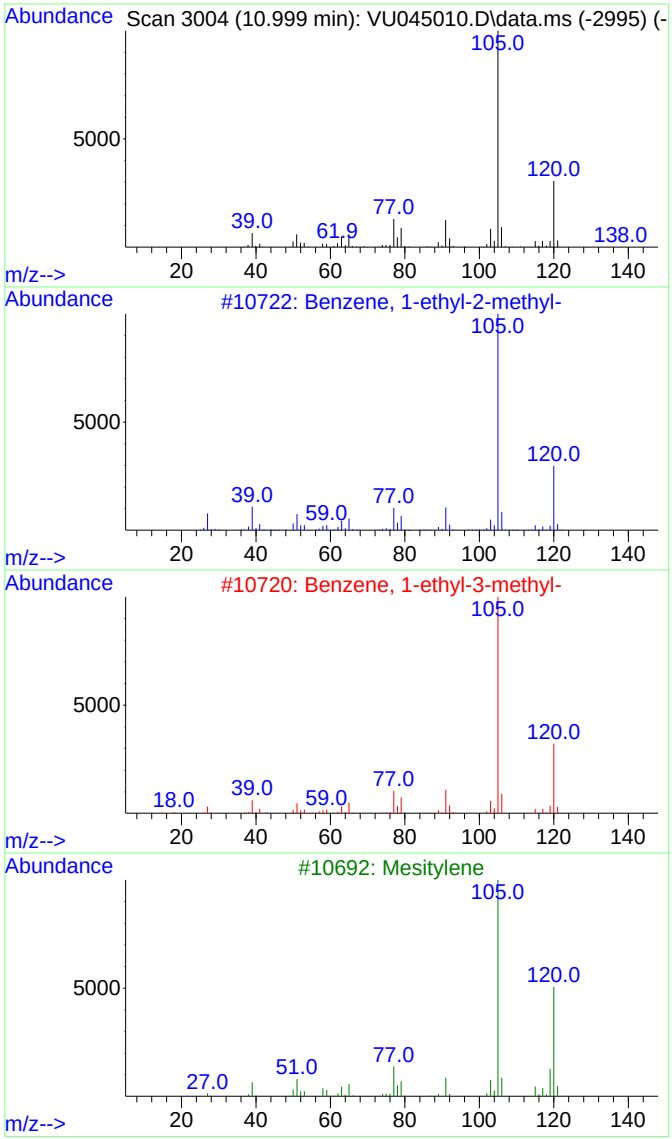
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

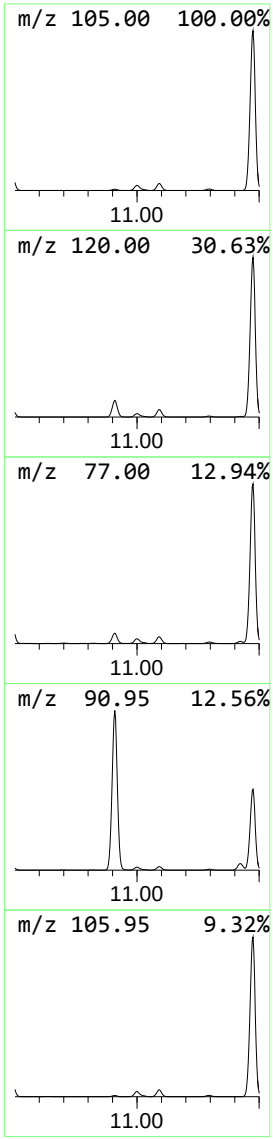
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	36.51 ug/l	822242	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-3R-0921

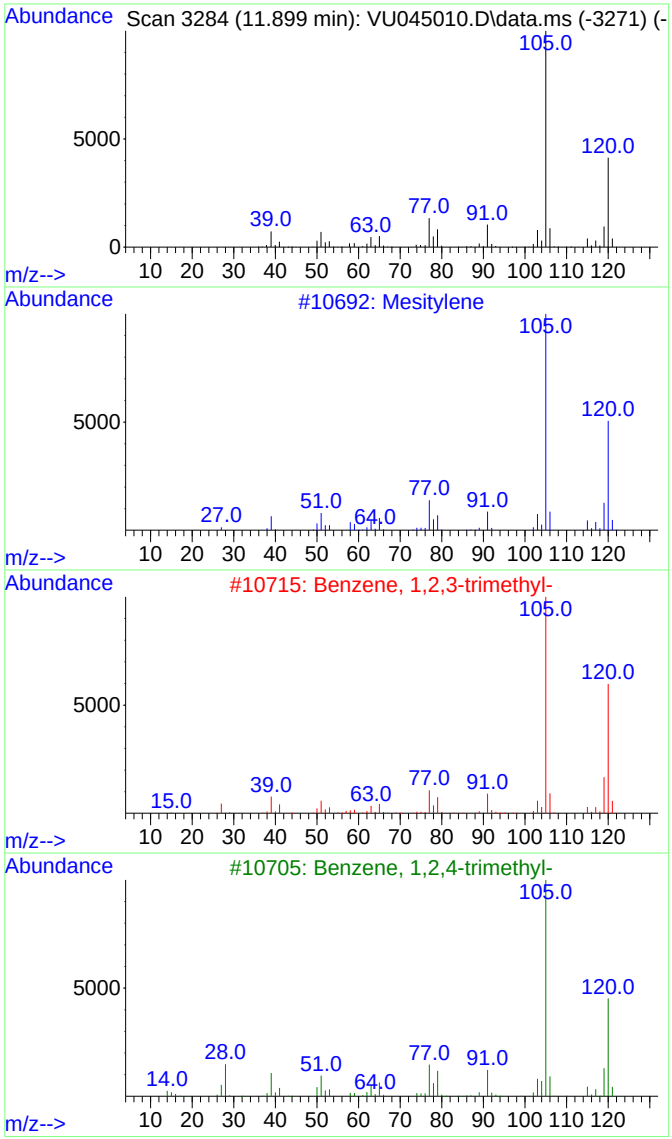
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

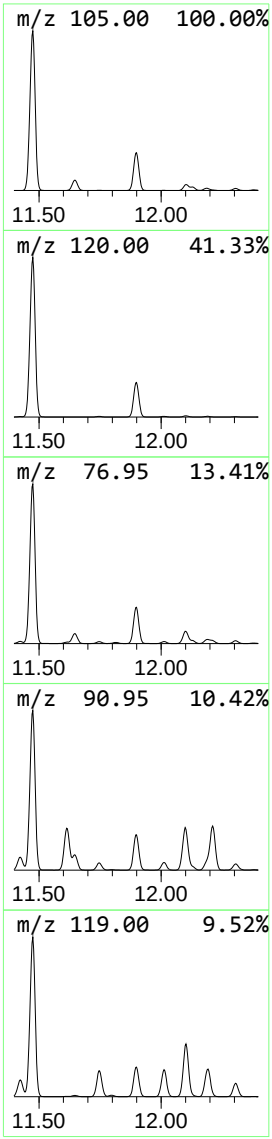
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	235.57 ug/l	5305410	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

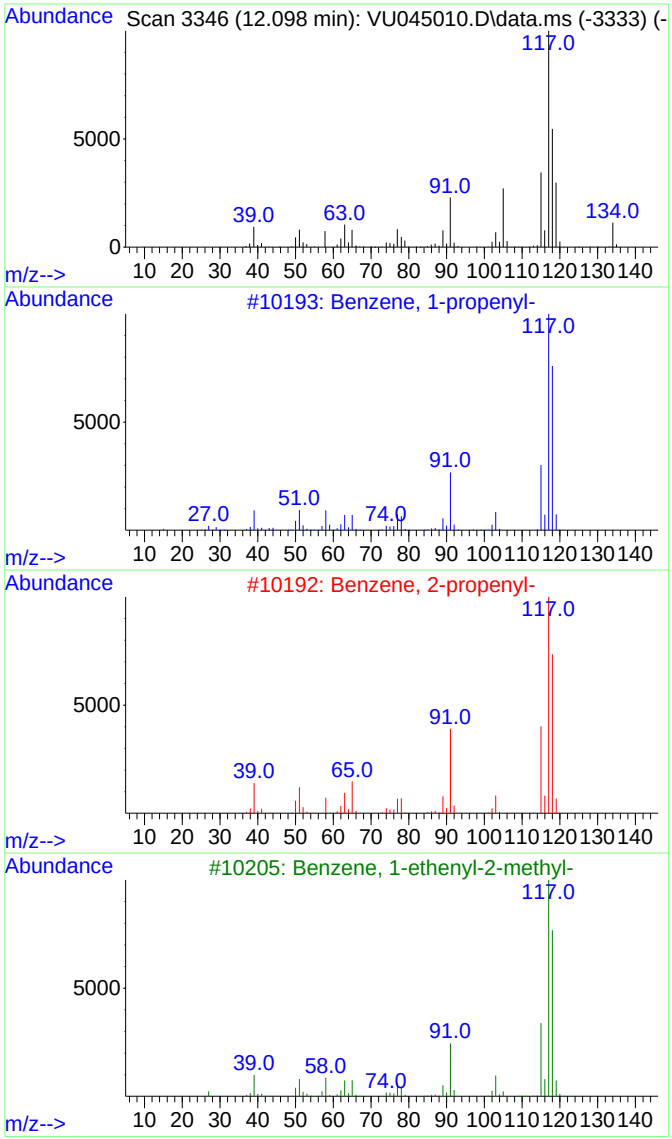
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

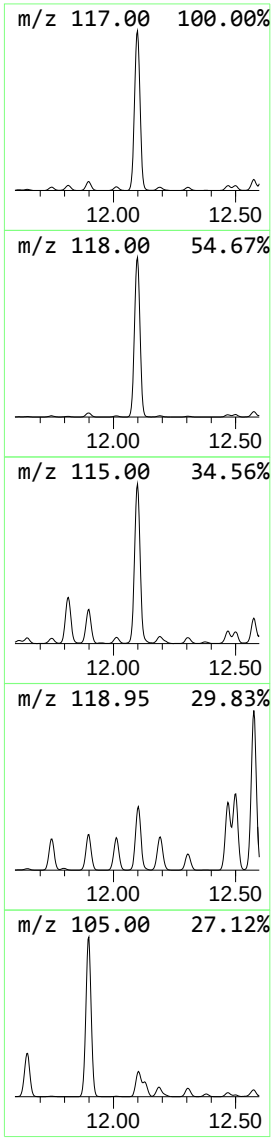
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	215.26 ug/l	4847850	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	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

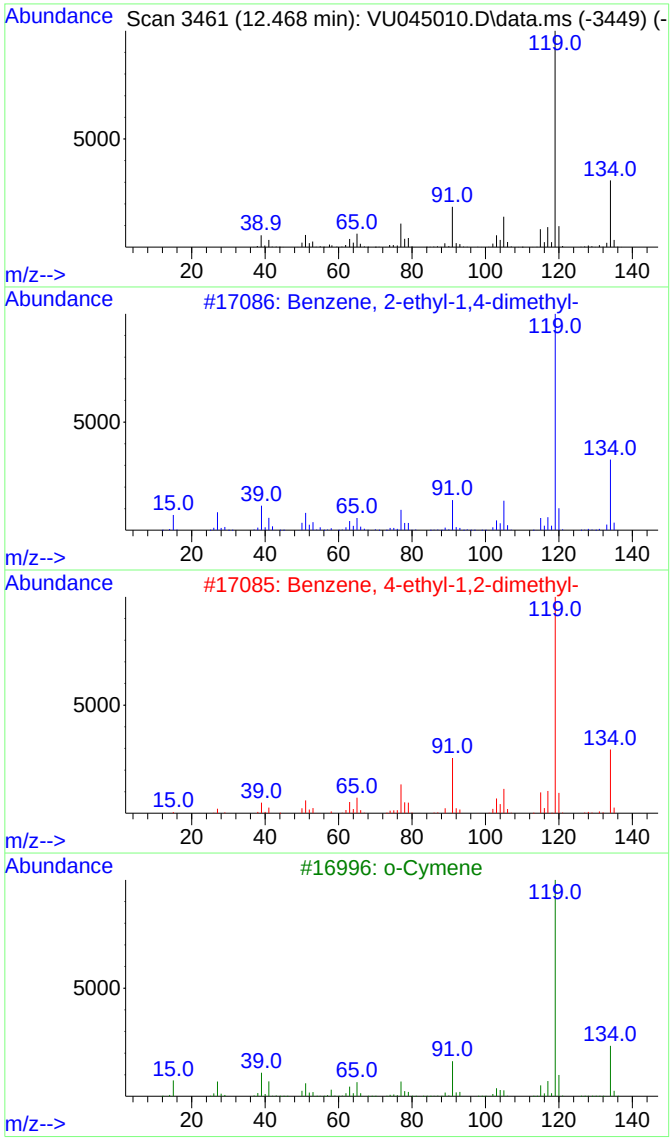
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

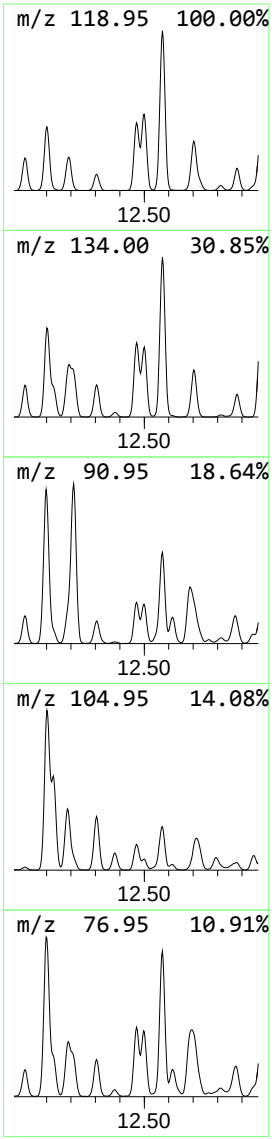
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	45.50 ug/l	1024670	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-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

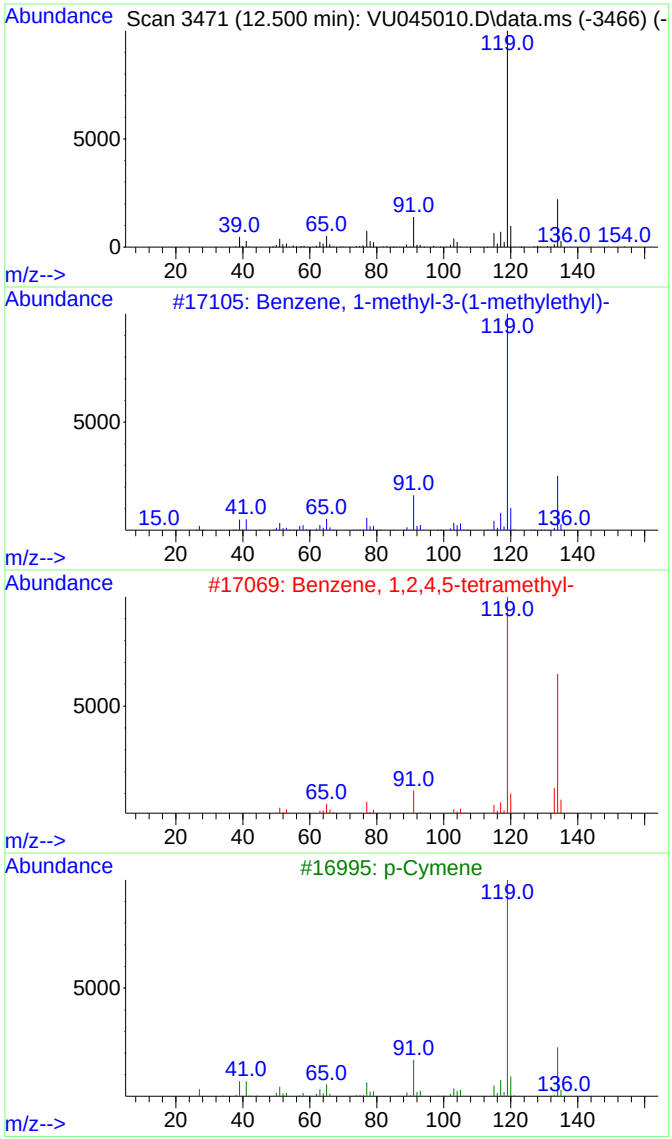
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

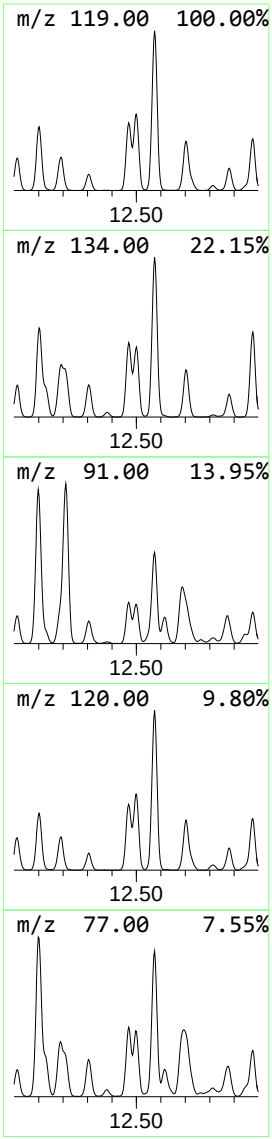
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.500	40.35 ug/l	908827	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
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Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

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

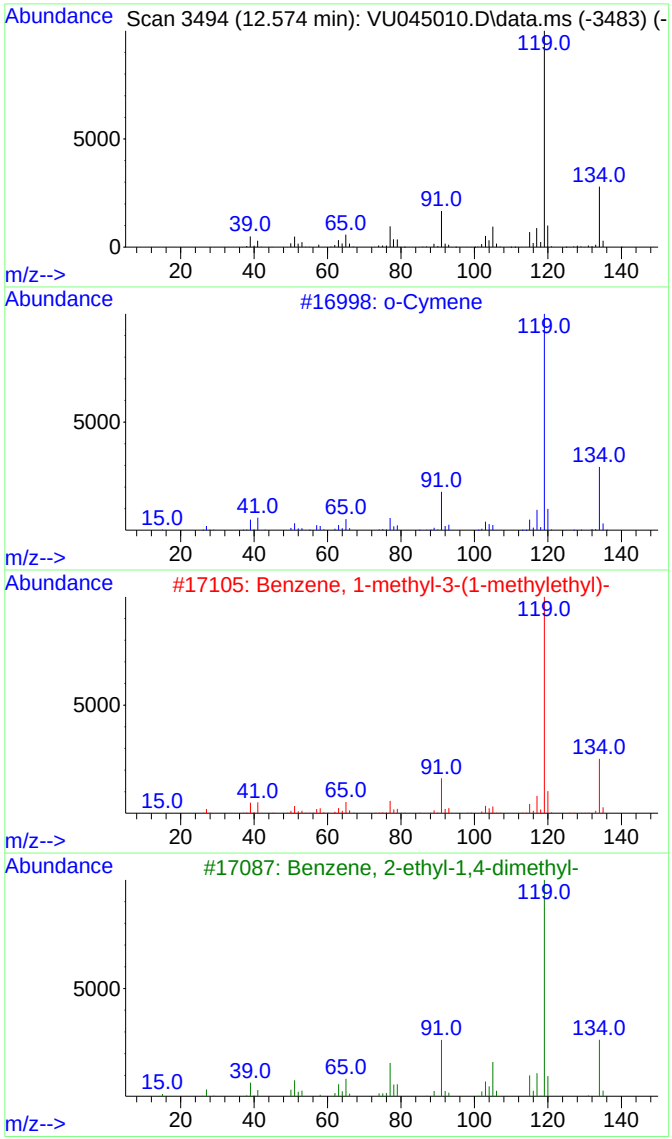
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

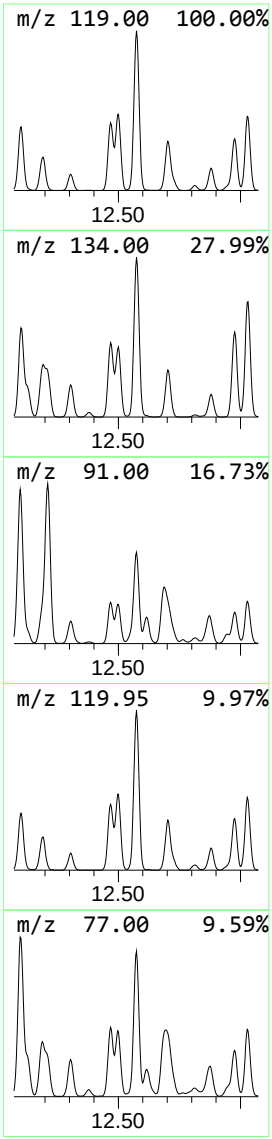
****

Peak Number 6 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	95.06 ug/l	2140930	1,4-Dichlorobenzene-d4	11.816

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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
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Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

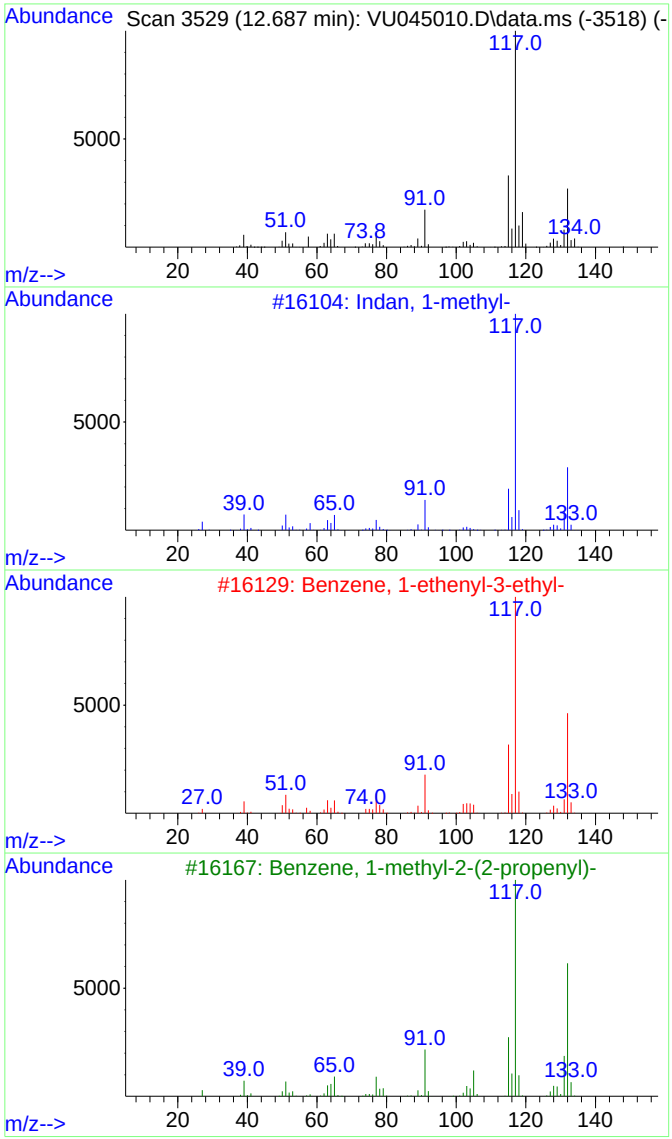
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

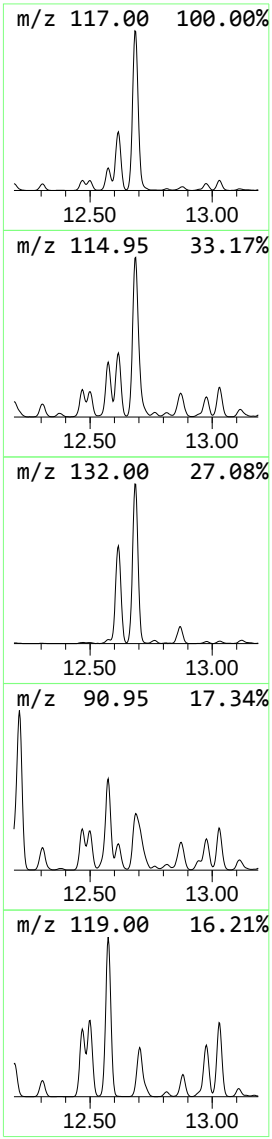
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	103.82 ug/l	2338220	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

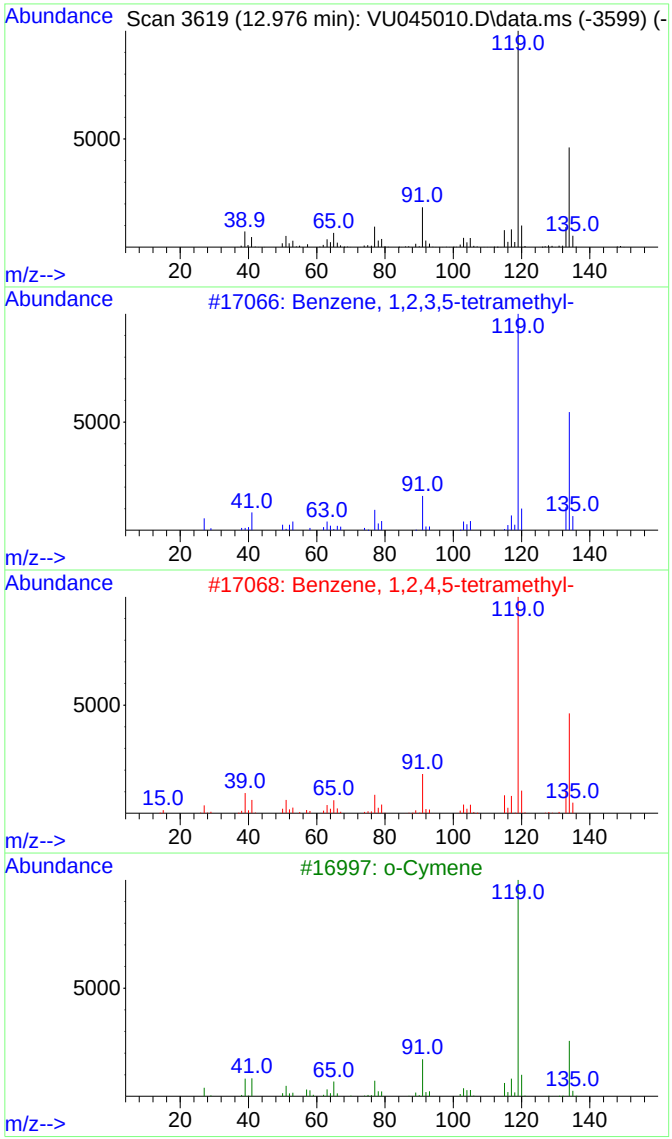
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

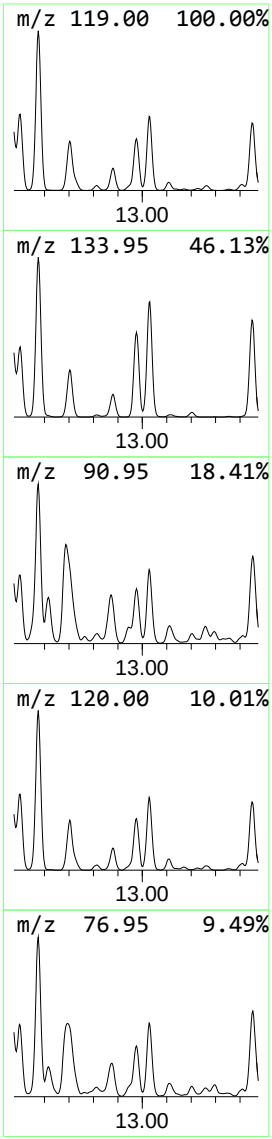
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	42.04 ug/l	946687	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	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-3R-0921

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

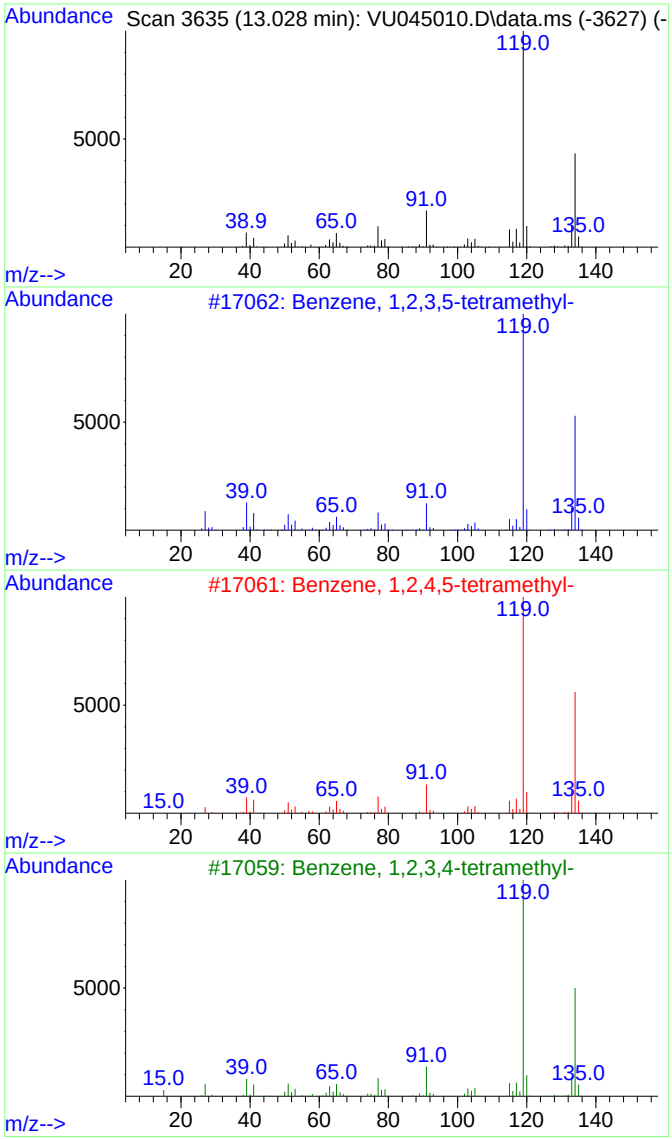
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

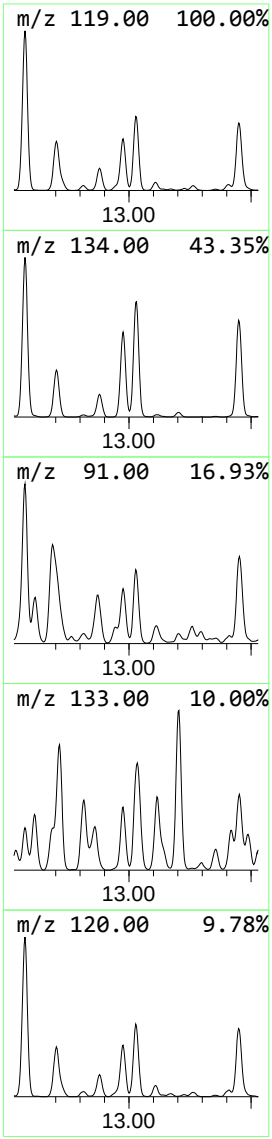
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	50.28 ug/l	1132400	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	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	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

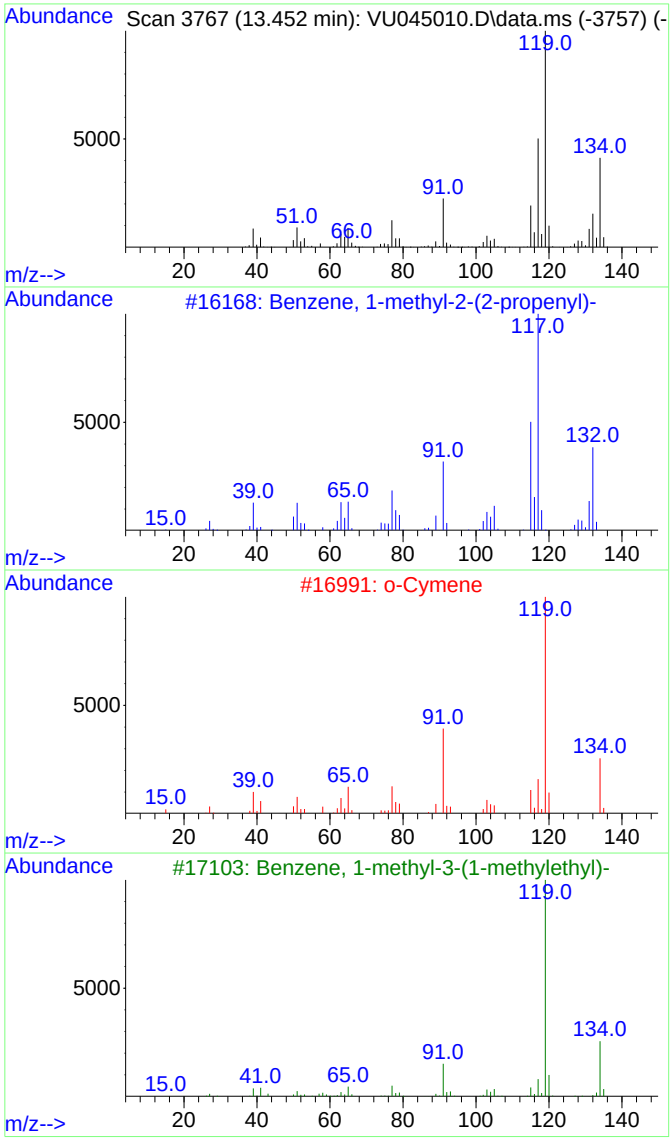
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

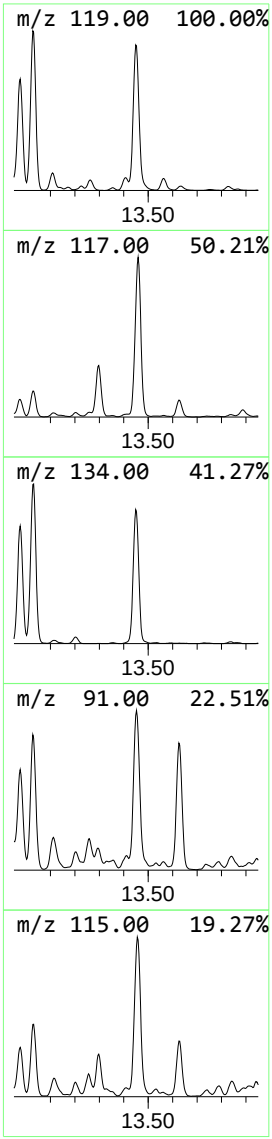
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	71.63 ug/l	1613190	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	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	p-Cymene	134	C10H14	000099-87-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045010.D
Acq On : 29 Sep 2021 21:57
Operator : SY/MD
Sample : M3926-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP-1-MW-3R-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	36.5	ug/l	822242	4	11.816	1126060	50.0
Benzene, 1,2,3-...	11.899	235.6	ug/l	5305410	4	11.816	1126060	50.0
Benzene, 1-prop...	12.098	215.3	ug/l	4847850	4	11.816	1126060	50.0
Benzene, 2-ethy...	12.468	45.5	ug/l	1024670	4	11.816	1126060	50.0
Benzene, 1-meth...	12.500	40.4	ug/l	908827	4	11.816	1126060	50.0
o-Cymene	12.574	95.1	ug/l	2140930	4	11.816	1126060	50.0
Indan, 1-methyl-	12.687	103.8	ug/l	2338220	4	11.816	1126060	50.0
Benzene, 1,2,3,...	12.976	42.0	ug/l	946687	4	11.816	1126060	50.0
Benzene, 1,2,4,...	13.028	50.3	ug/l	1132400	4	11.816	1126060	50.0
Benzene, 1-meth...	13.452	71.6	ug/l	1613190	4	11.816	1126060	50.0