LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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: VU045008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.292	1214	1229	1243	rBV	175050	374479	2.52%	0.481%
2	5.379	1243	1256	1276	rVB	315875	656802	4.42%	0.844%
3	5.707	1343	1358	1377	rVB	216962	436199	2.93%	0.560%
4	6.253	1512	1528	1546	rBV	473822	884194	5.95%	1.136%
5	7.903	2017	2041	2059	rBV	726955	1285226	8.64%	1.651%
6	9.420	2500	2513	2526	rBV	669977	1072187	7.21%	1.377%
7	9.571	2550	2560	2572	rVB2	137165	242349	1.63%	0.311%
8	9.716	2572	2605	2613	rVV8	225824	745637	5.02%	0.958%
9	9.761	2613	2619	2646	rVB	115928	242200	1.63%	0.311%
10	9.893	2646	2660	2671	rBV4	97005	191243	1.29%	0.246%
11	10.038	2689	2705	2712	rBV5	252694	663463	4.46%	0.852%
12	10.124	2724	2732	2742	rVB4	110206	168851	1.14%	0.217%
13	10.253	2754	2772	2776	rBV3	389158	817809	5.50%	1.050%
14	10.359	2796	2805	2813	rBV5	384524	761919	5.12%	0.979%
15	10.488	2827	2845	2855	rBV	3230768	5044201	33.93%	6.478%
16	10.555	2855	2866	2877	rVB8	142454	354011	2.38%	0.455%
17	10.636	2881	2891	2902	rVB2	553145	900313	6.06%	1.156%
18	10.700	2902	2911	2926	rBV3	235466	450828	3.03%	0.579%
19	10.816	2928	2947	2964	rVB6	420115	903934	6.08%	1.161%
20	10.909	2964	2976	2987	rBV	5829822	8799890	59.19%	11.302%
21	11.025	3002	3012	3019	rBV5	253945	475226	3.20%	0.610%
22	11.067	3020	3025	3035	rVV2	209110	346760	2.33%	0.445%
23	11.131	3038	3045	3055	rVB5	152678	276483	1.86%	0.355%
24	11.189	3055	3063	3074	rVB6	88078	164667	1.11%	0.211%
25	11.311	3087	3101	3114	rVV7	277856	624243	4.20%	0.802%
26	11.382	3116	3123	3127	rVV4	96069	149997	1.01%	0.193%
27	11.420	3127	3135	3141	rVV2	741243	1151077	7.74%	1.478%
28	11.472	3141	3151	3175	rVB	9651735	14866873	100.00%	19.094%
29	11.613	3186	3195	3199	rBV	798502	1161654	7.81%	1.492%
30	11.645	3200	3205	3217	rVB	1480391	2218782	14.92%	2.850%
31	11.716	3219	3227	3234	rBV	145322	206028	1.39%	0.265%
32	11.816	3248	3258	3271	rVB	679296	1095915	7.37%	1.408%
33	11.896	3272	3283	3294	rBV	836246	1317492	8.86%	1.692%
34	12.012	3309	3319	3333	rVB	690550	1128902	7.59%	1.450%
35	12.099	3334	3346	3359	rBV2	4730468	7327861	49.29%	9.411%
36	12.189	3364	3374	3378	rBV	770097	1228461	8.26%	1.578%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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	12.304	3399	3410	3427	rBV	714072	1169165	7.86%	1.502%
38	12.468	3451	3461	3466	rBV	442640	687688	4.63%	0.883%
39	12.497	3466	3470	3480	rVV	421302	630994	4.24%	0.810%
40	12.574	3483	3494	3502	rVV	2576878	3980566	26.77%	5.112%
41	12.616	3502	3507	3518	rVV	698406	1080298	7.27%	1.387%
42	12.687	3518	3529	3547	rVB3	1745113	3889574	26.16%	4.995%
43	12.867	3570	3585	3597	rVB2	376760	806305	5.42%	1.036%
44	12.976	3599	3619	3628	rVV	1143414	2043928	13.75%	2.625%
45	13.031	3628	3636	3651	rVV2	482537	827331	5.56%	1.063%
46	13.111	3652	3661	3674	rVB4	144145	256160	1.72%	0.329%
47	13.201	3681	3689	3698	rBV	108148	178711	1.20%	0.230%
48	13.256	3699	3706	3712	rVV3	128906	190954	1.28%	0.245%
49	13.295	3712	3718	3726	rVB	136774	190576	1.28%	0.245%
50	13.452	3757	3767	3784	rVB4	1268243	2258319	15.19%	2.900%
51	13.626	3813	3821	3838	rVB2	254554	418551	2.82%	0.538%
52	13.841	3879	3888	3898	rBV4	94214	159097	1.07%	0.204%
53	14.089	3948	3965	3985	rVB	159203	357408	2.40%	0.459%

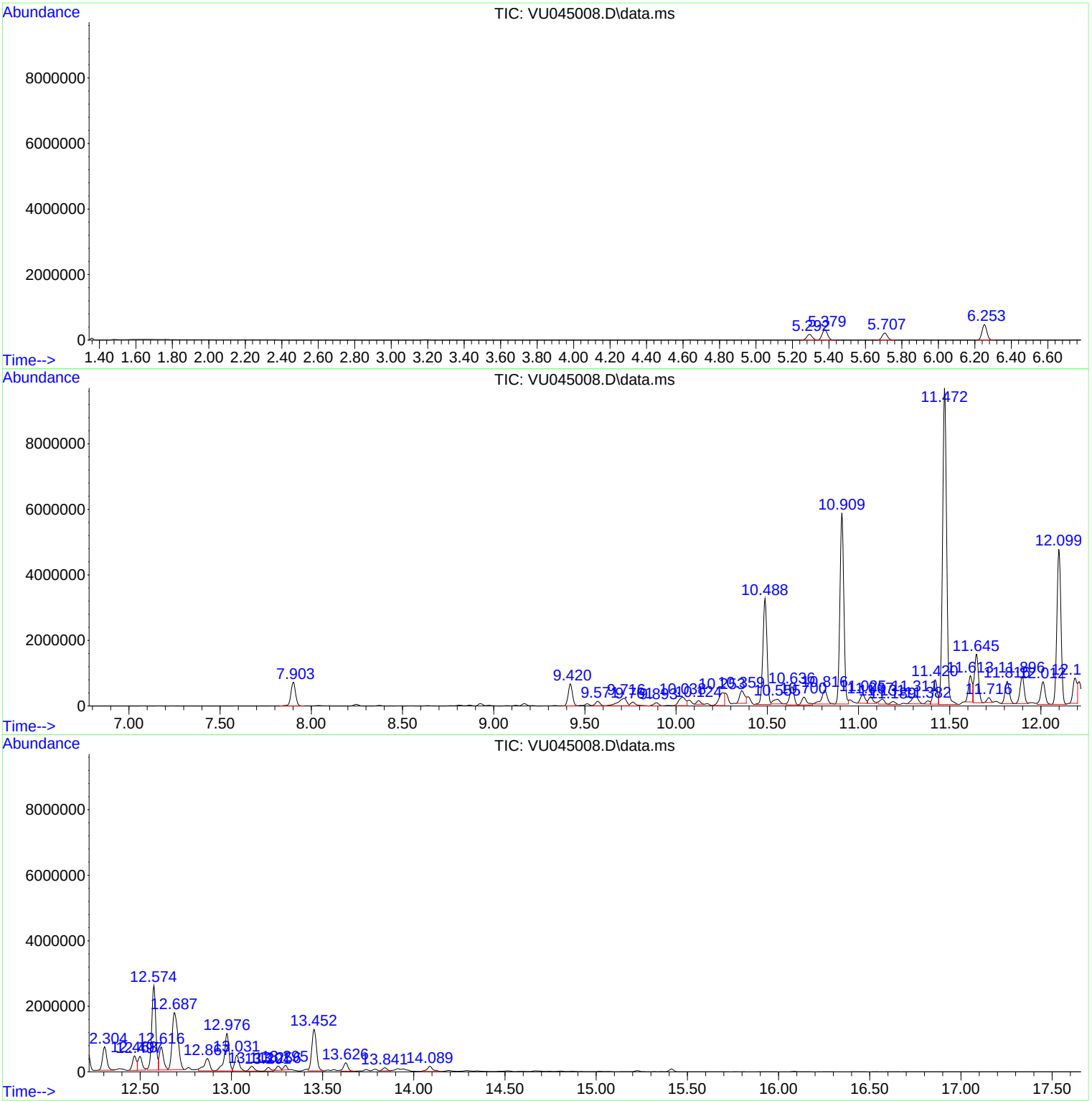
Sum of corrected areas: 77861781

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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 : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

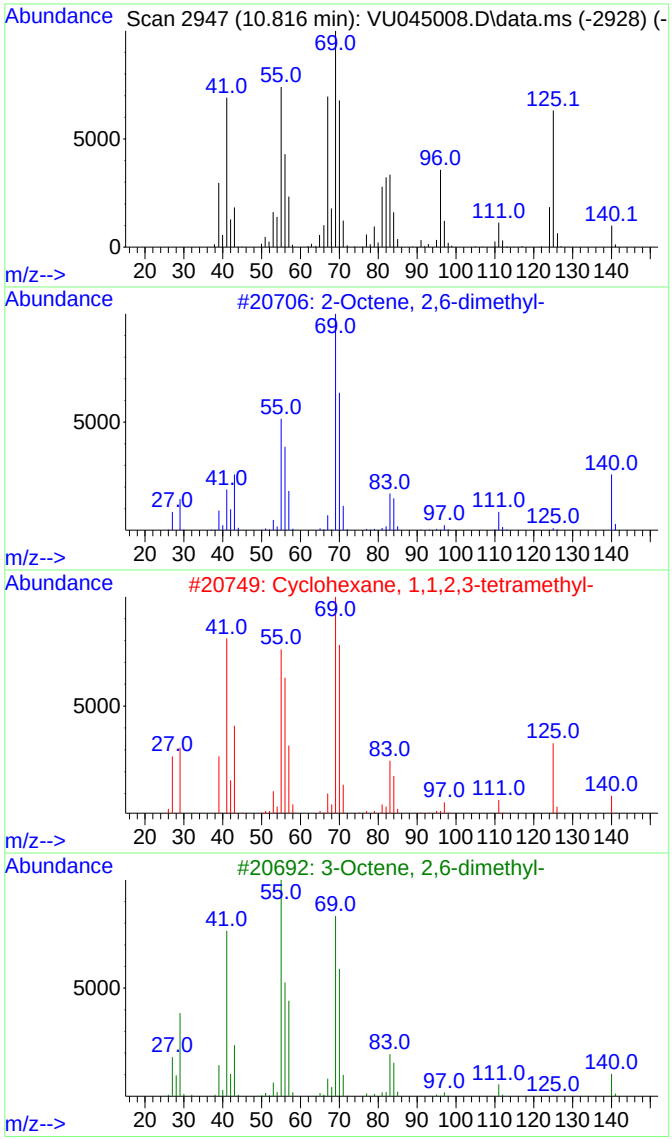
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

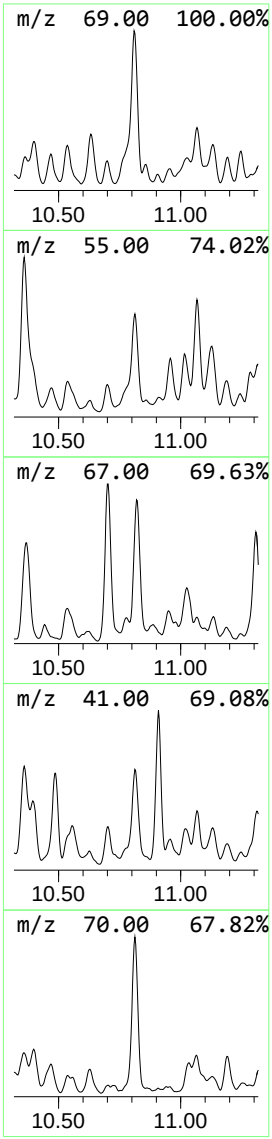
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Octene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	41.24 ug/l	903934	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
3	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	53
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

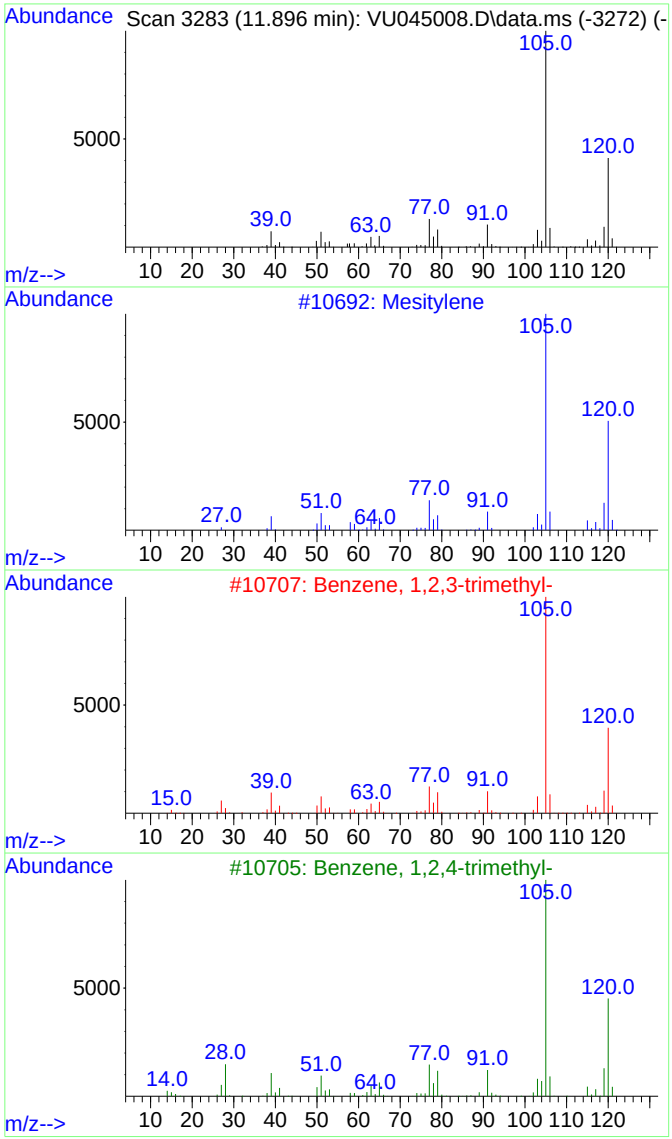
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

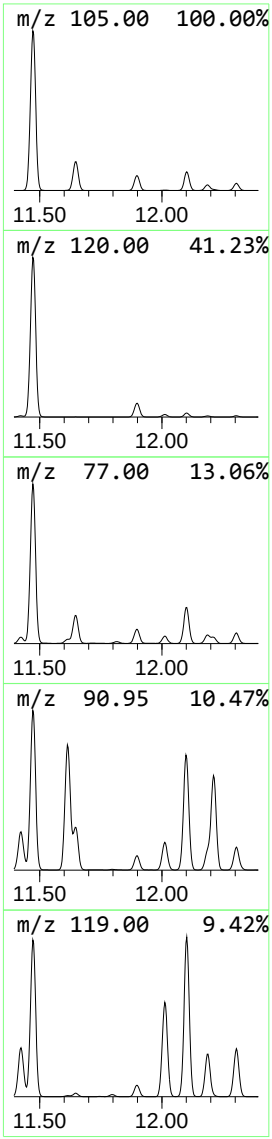
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	60.11 ug/l	1317490	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-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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

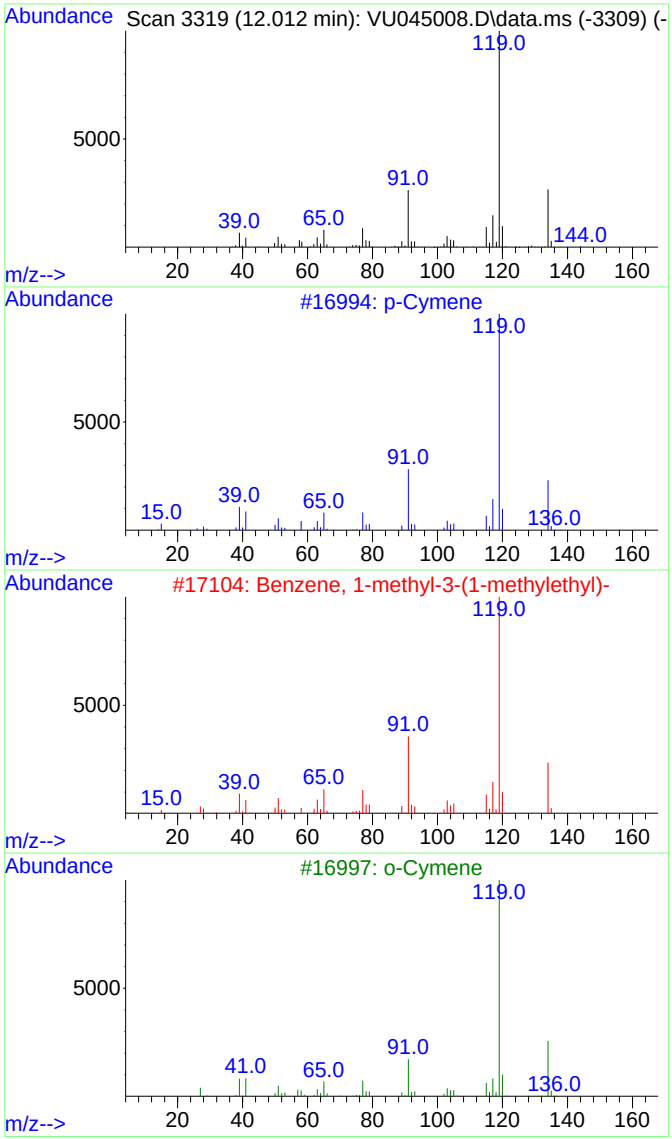
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

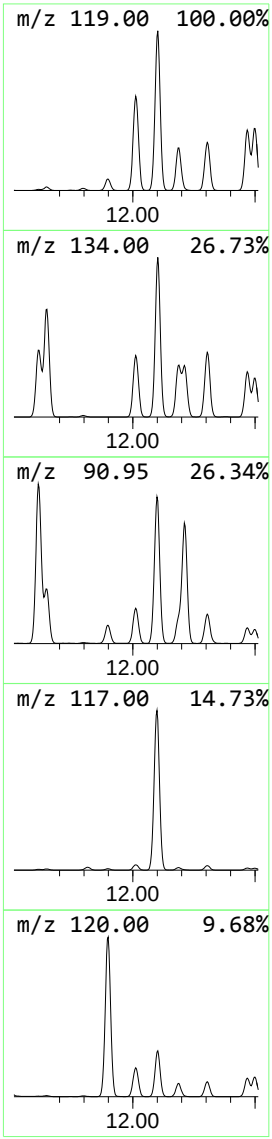
****

Peak Number 3 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.012	51.51 ug/l	1128900	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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

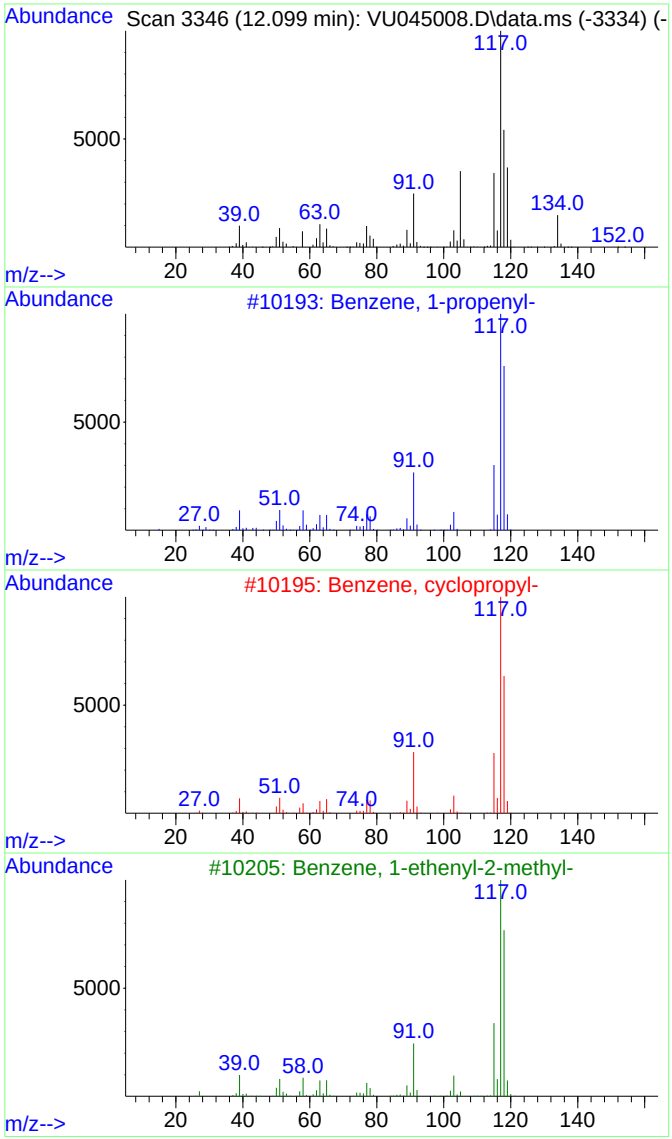
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

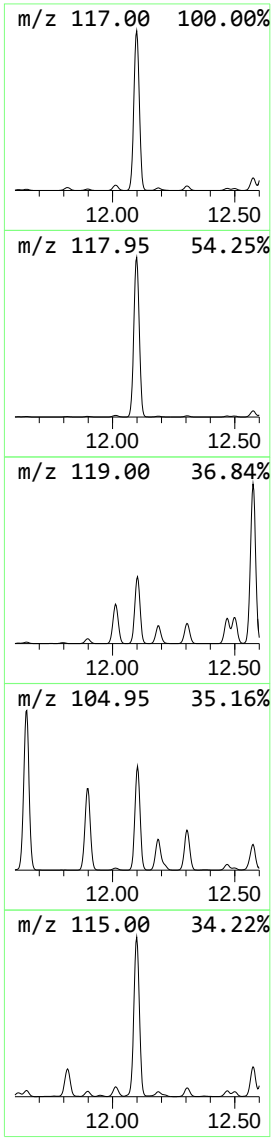
****

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	334.33 ug/l	7327860	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, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

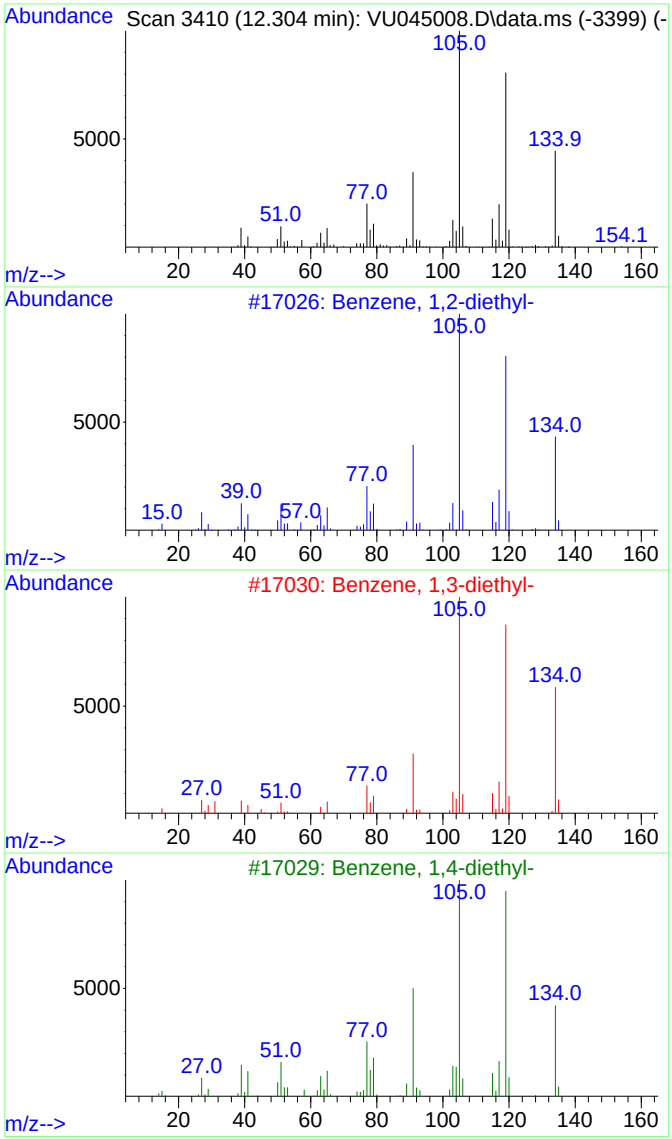
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

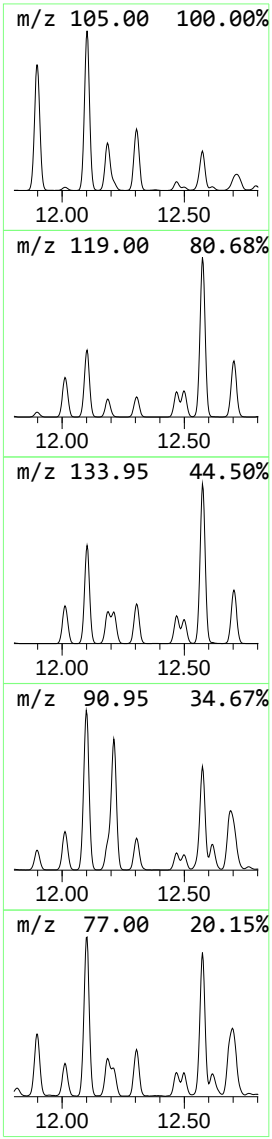
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	53.34 ug/l	1169170	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

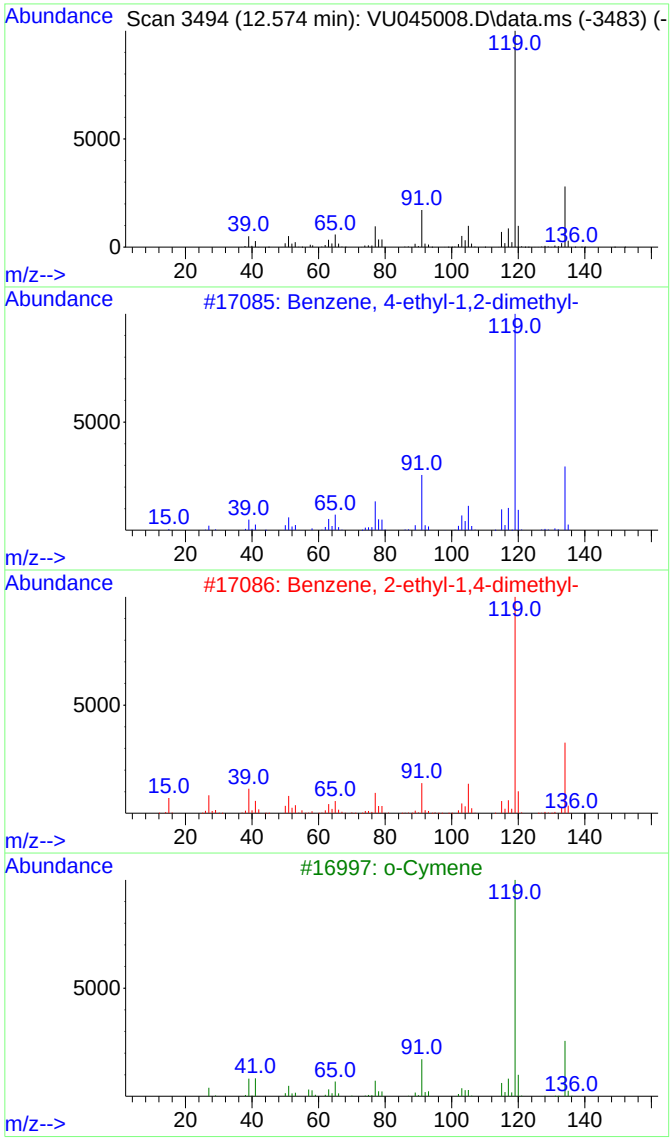
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

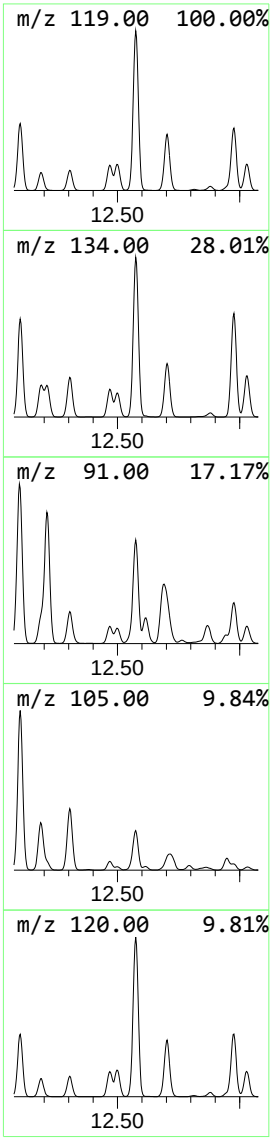
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	181.61 ug/l	3980570	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

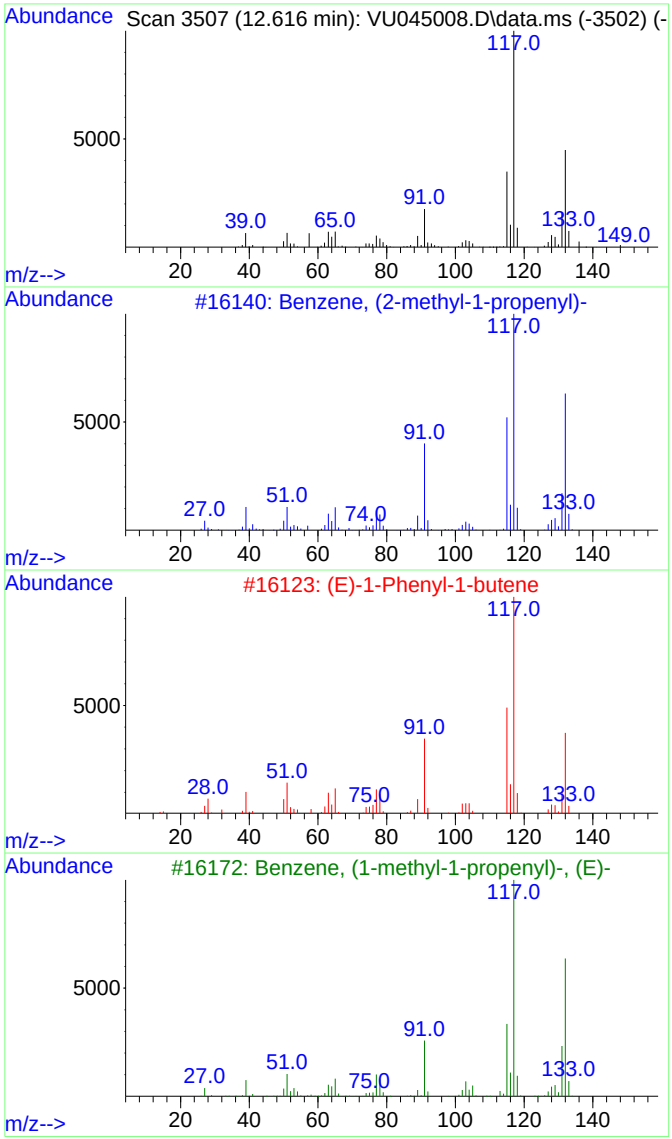
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

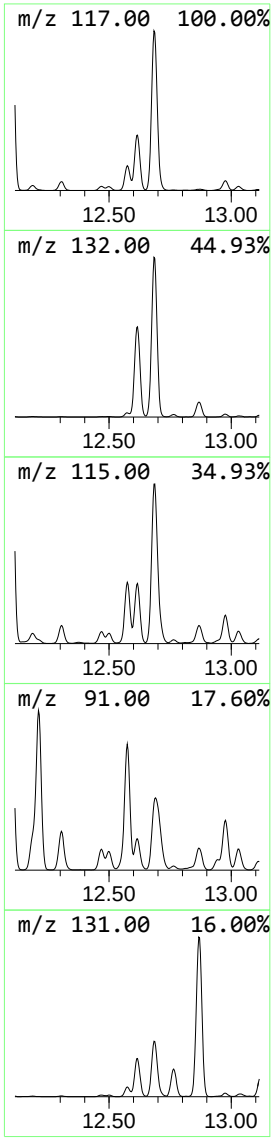
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	49.29 ug/l	1080300	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	93
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	92
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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

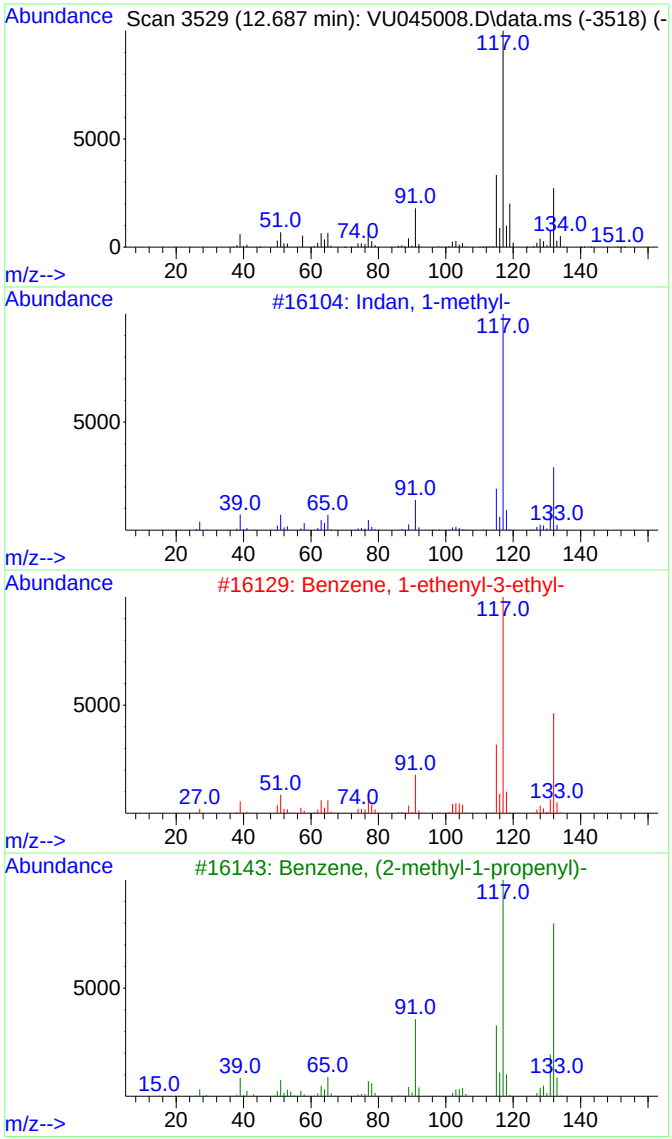
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

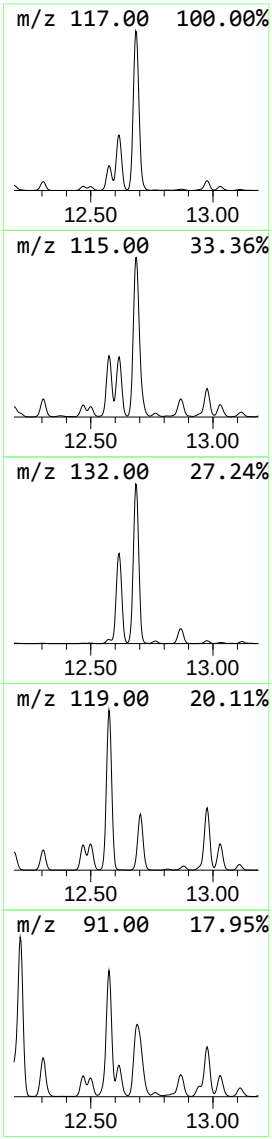
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	177.46 ug/l	3889570	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	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76





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Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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

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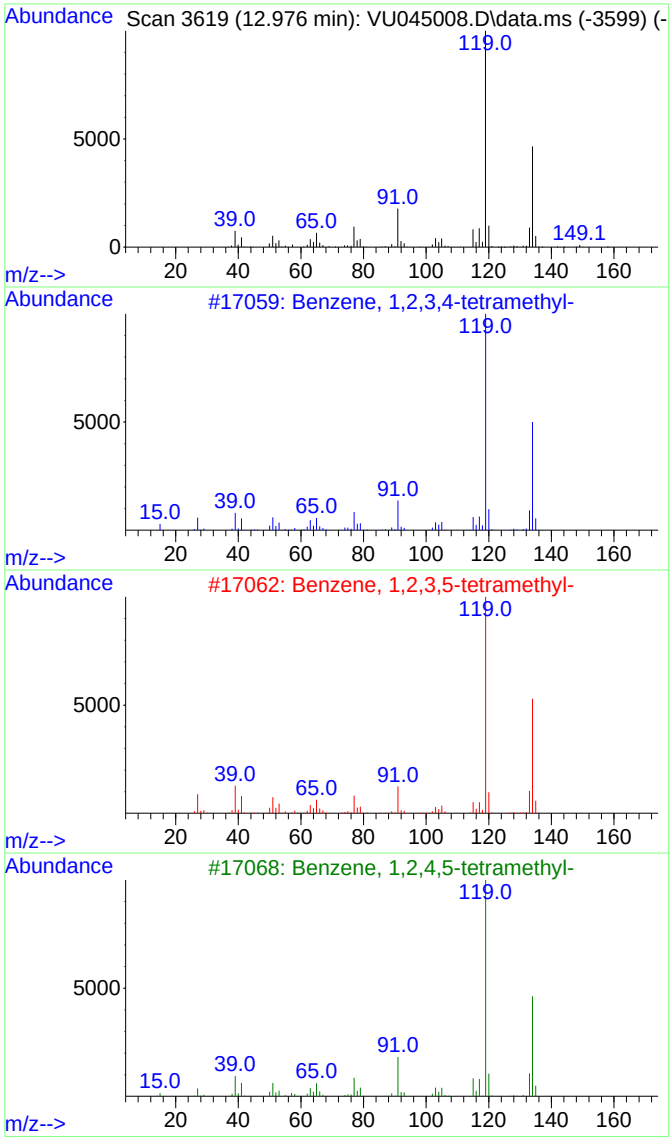
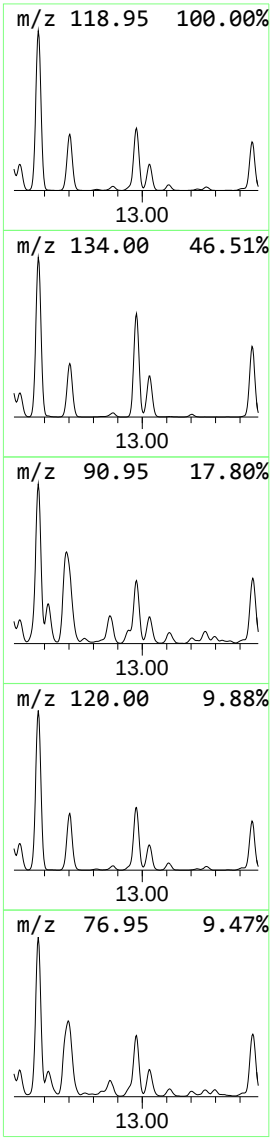
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	93.25 ug/l	2043930	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
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\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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

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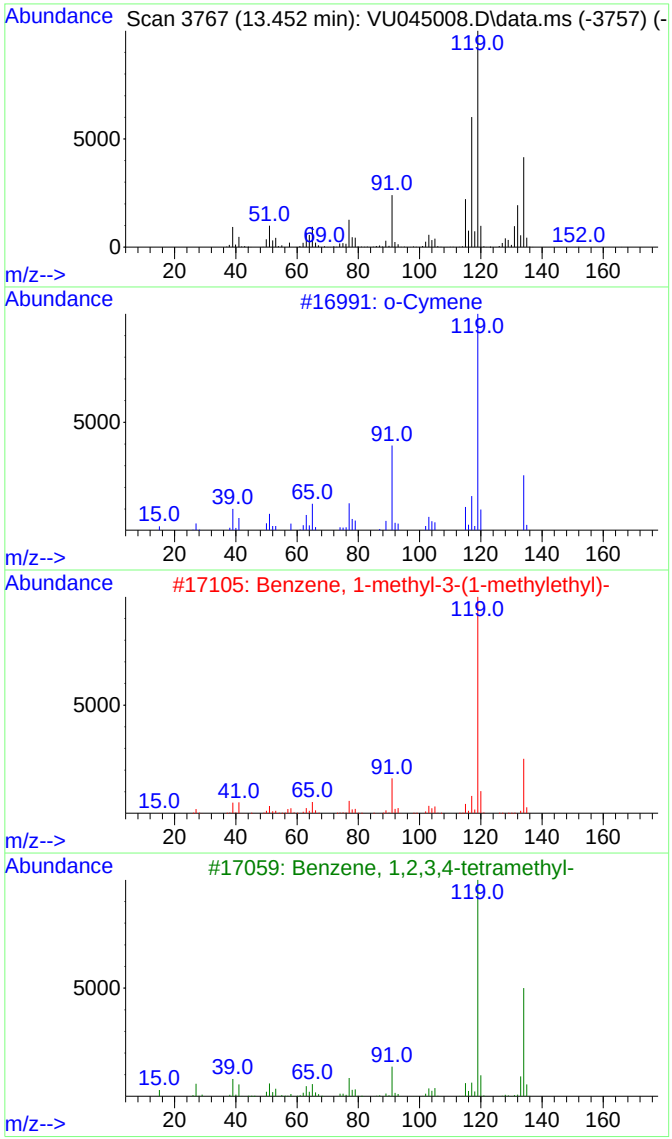
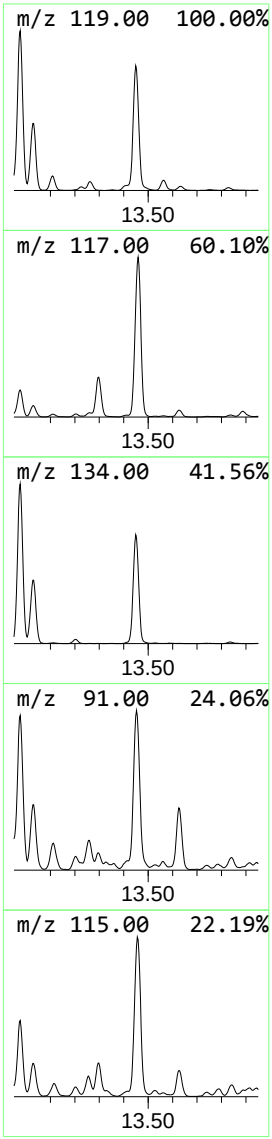
Peak Number 10 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	103.03 ug/l	2258320	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045008.D
Acq On : 29 Sep 2021 21:10
Operator : SY/MD
Sample : M3926-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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

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
2-Octene, 2,6-d...	10.816	41.2	ug/l	903934	4	11.816	1095920	50.0
Benzene, 1,2,3-...	11.896	60.1	ug/l	1317490	4	11.816	1095920	50.0
p-Cymene	12.012	51.5	ug/l	1128900	4	11.816	1095920	50.0
Benzene, 1-prop...	12.099	334.3	ug/l	7327860	4	11.816	1095920	50.0
Benzene, 1,2-di...	12.304	53.3	ug/l	1169170	4	11.816	1095920	50.0
Benzene, 4-ethy...	12.575	181.6	ug/l	3980570	4	11.816	1095920	50.0
Benzene, (2-met...	12.616	49.3	ug/l	1080300	4	11.816	1095920	50.0
Indan, 1-methyl-	12.687	177.5	ug/l	3889570	4	11.816	1095920	50.0
Benzene, 1,2,3,...	12.976	93.3	ug/l	2043930	4	11.816	1095920	50.0
o-Cymene	13.452	103.0	ug/l	2258320	4	11.816	1095920	50.0