LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

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\82U052622W.M
Title : SW846 8260

Signal : TIC: VU048691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.250	1511	1527	1565	rBV	418071	816450	1.32%	0.334%
2	6.764	1662	1687	1705	rBV	345791	712018	1.15%	0.291%
3	7.899	2031	2040	2053	rVB	651013	1119306	1.81%	0.457%
4	9.417	2500	2512	2522	rBV	640948	1061050	1.72%	0.434%
5	9.571	2547	2560	2584	rVV	5983878	9527657	15.40%	3.893%
6	9.693	2587	2598	2613	rVB	594336	1036674	1.68%	0.424%
7	10.098	2713	2724	2754	rVB	620405	1062063	1.72%	0.434%
8	10.484	2831	2844	2877	rVB	2347174	3714105	6.00%	1.517%
9	10.632	2879	2890	2903	rBV	614626	993540	1.61%	0.406%
10	10.906	2962	2975	2992	rBV	2477677	3779928	6.11%	1.544%
11	11.024	2994	3012	3022	rVV	1324077	2291805	3.70%	0.936%
12	11.089	3022	3032	3050	rVB	1487020	2350990	3.80%	0.961%
13	11.291	3079	3095	3116	rBV	4177555	6549356	10.59%	2.676%
14	11.468	3129	3150	3168	rBV	10065627	15326929	24.78%	6.262%
15	11.745	3221	3236	3244	rBV	711741	1107069	1.79%	0.452%
16	11.809	3244	3256	3270	rVB4	1006128	1960109	3.17%	0.801%
17	11.896	3270	3283	3295	rBV	5040438	7773098	12.57%	3.176%
18	12.095	3329	3345	3363	rBV	13881024	22481781	36.34%	9.185%
19	12.185	3363	3373	3388	rVB4	1169750	2229143	3.60%	0.911%
20	12.465	3449	3460	3466	rBV	961220	1547890	2.50%	0.632%
21	12.497	3466	3470	3480	rVB	653894	857549	1.39%	0.350%
22	12.571	3480	3493	3501	rBV	1748832	2722654	4.40%	1.112%
23	12.684	3515	3528	3547	rBV	5458627	9120081	14.74%	3.726%
24	12.876	3577	3588	3599	rVB	653507	1009642	1.63%	0.413%
25	12.973	3600	3618	3626	rBV	1233391	1853749	3.00%	0.757%
26	13.024	3626	3634	3651	rVB	2483932	3850945	6.22%	1.573%
27	13.294	3701	3718	3730	rBV	4478846	6841490	11.06%	2.795%
28	13.449	3746	3766	3780	rBV3	5496282	9414086	15.22%	3.846%
29	13.626	3809	3821	3841	rVB2	2946917	4738273	7.66%	1.936%
30	13.786	3861	3871	3880	rBV	545987	888073	1.44%	0.363%
31	13.947	3914	3921	3935	rVB3	332735	726159	1.17%	0.297%
32	14.095	3947	3967	3987	rBV2	36453475	61862804	100.00%	25.275%
33	14.680	4135	4149	4156	rBV4	297280	696521	1.13%	0.285%
34	14.806	4178	4188	4203	rVB2	473382	974874	1.58%	0.398%
35	15.224	4306	4318	4334	rVB	6458227	10103897	16.33%	4.128%
36	15.413	4362	4377	4401	rBV	17746304	28339894	45.81%	11.579%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

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\82U052622W.M
Title : SW846 8260

37	15.950	4525	4544	4555	rBV	1720534	2648056	4.28%	1.082%
38	16.146	4586	4605	4611	rBV	443866	761717	1.23%	0.311%
39	16.259	4628	4640	4666	rVB	906804	1628765	2.63%	0.665%
40	16.407	4666	4686	4694	rBV	1883339	3162467	5.11%	1.292%
41	16.445	4694	4698	4712	rVB	538423	752927	1.22%	0.308%
42	16.635	4738	4757	4778	rBV2	493527	1471992	2.38%	0.601%
43	16.783	4792	4803	4823	rBV	391025	623994	1.01%	0.255%
44	17.095	4887	4900	4919	rBV	1376875	2267442	3.67%	0.926%

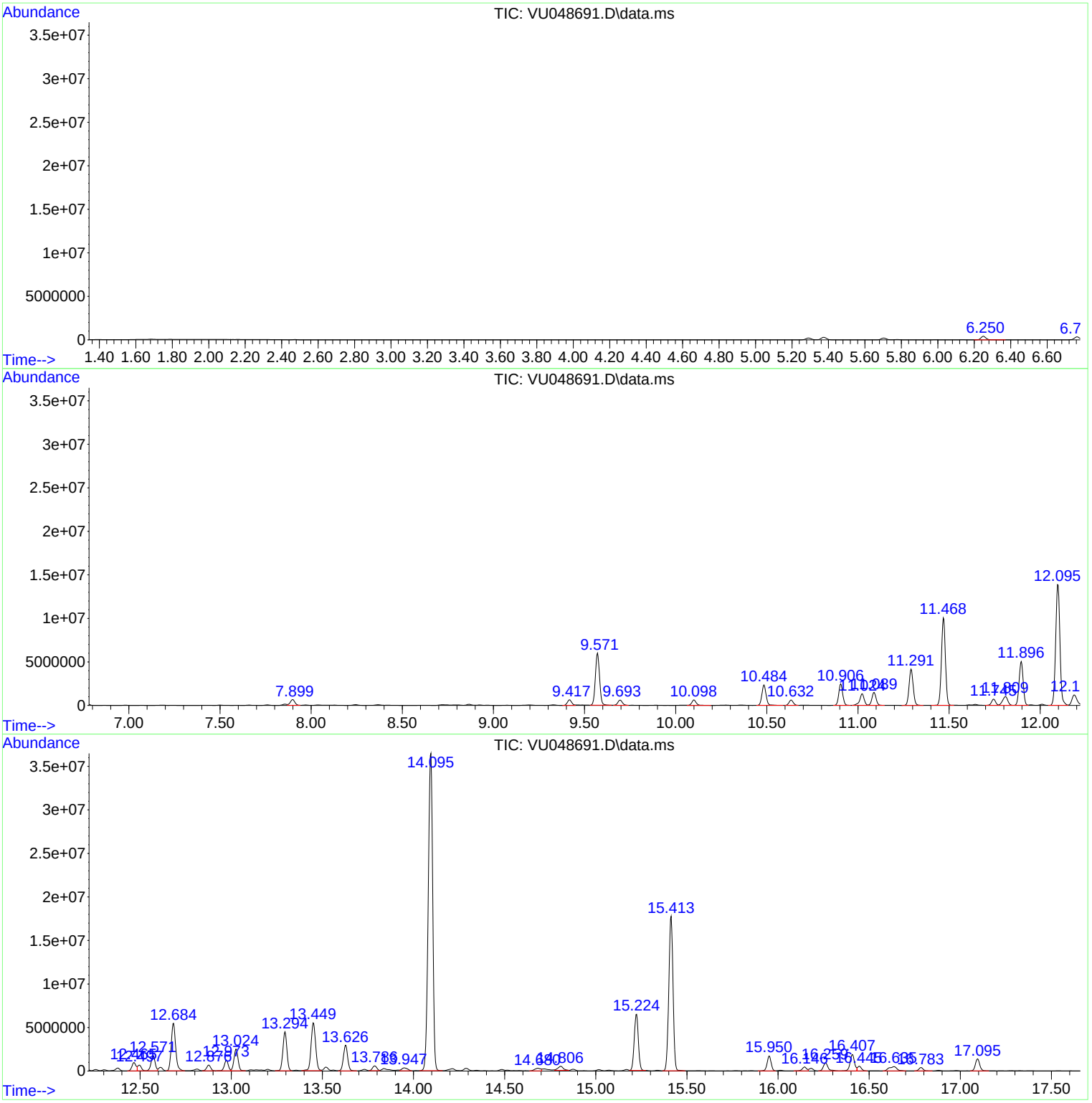
Sum of corrected areas: 244759012

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

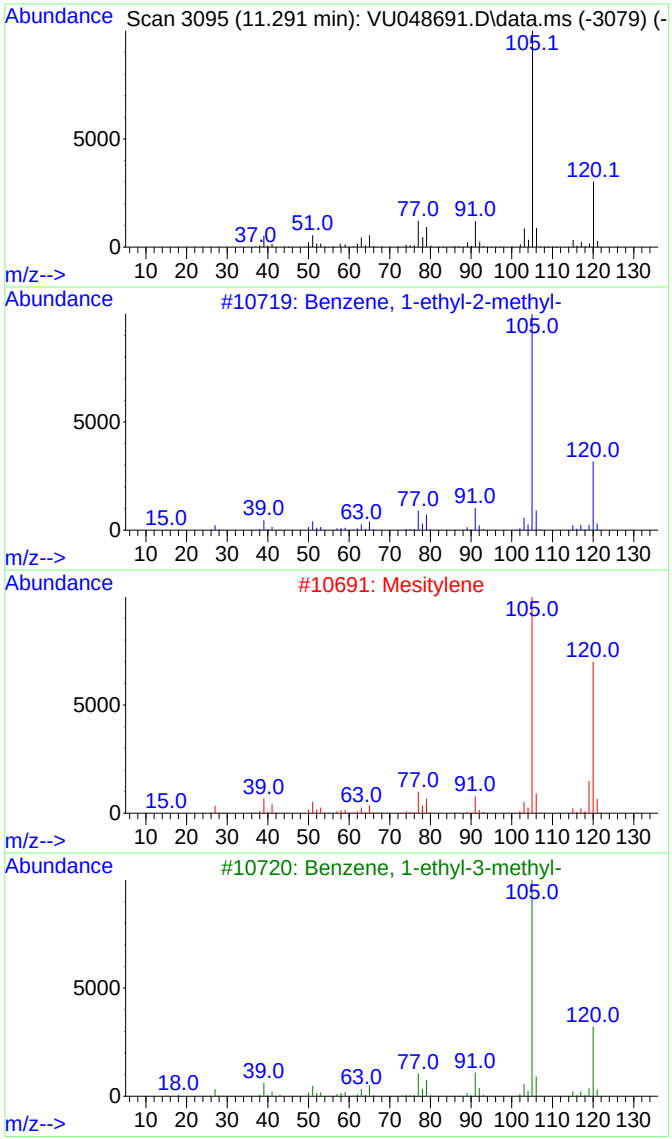
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

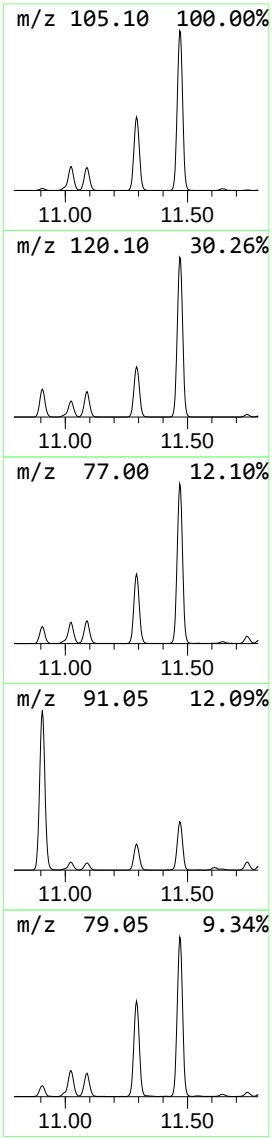
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	167.07 ug/l	6549360	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

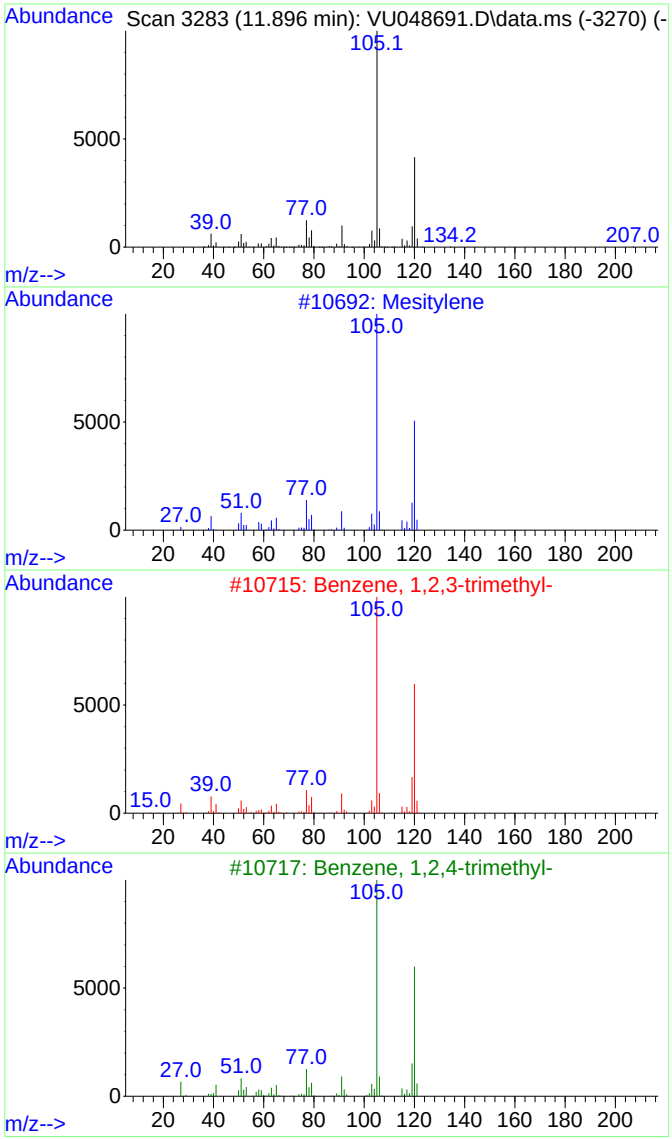
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

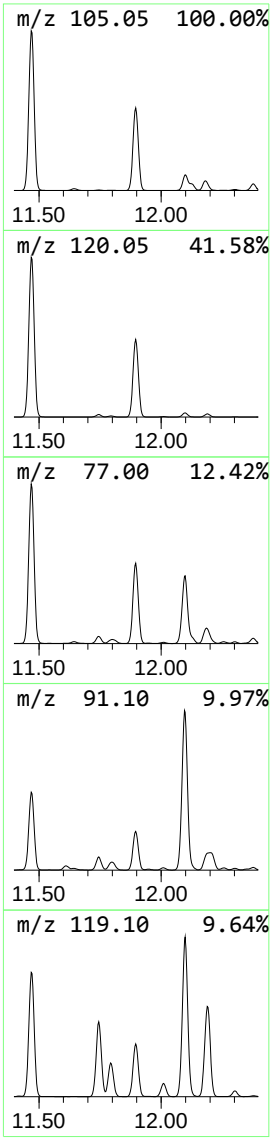
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	198.28 ug/l	7773100	1,4-Dichlorobenzene-d4	11.812

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	91
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\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

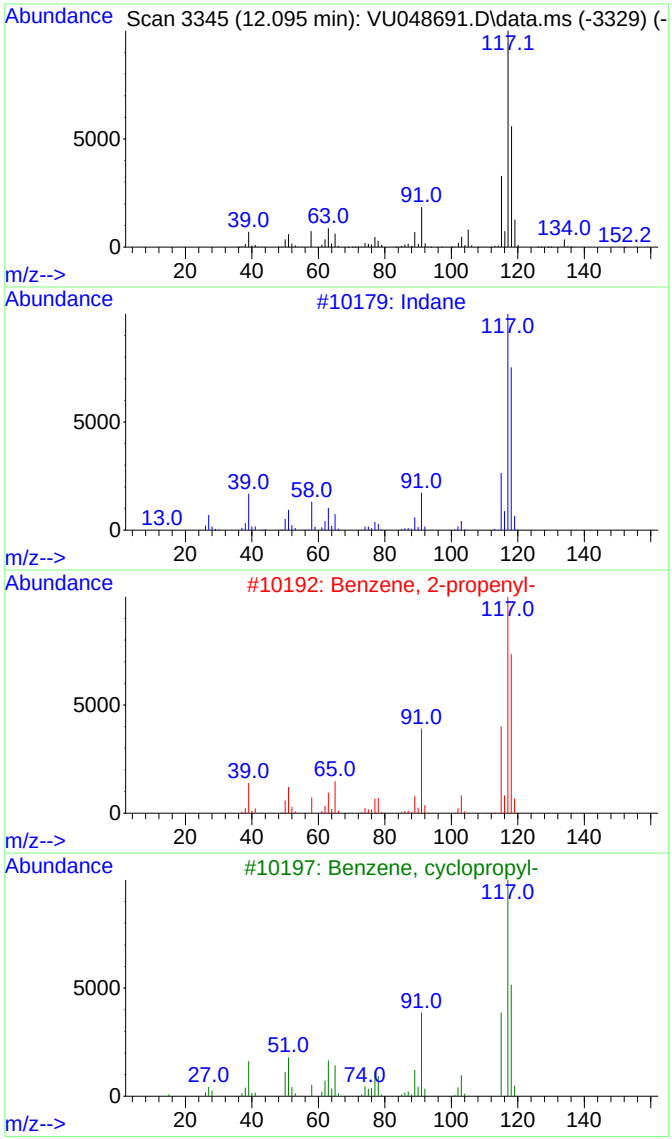
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

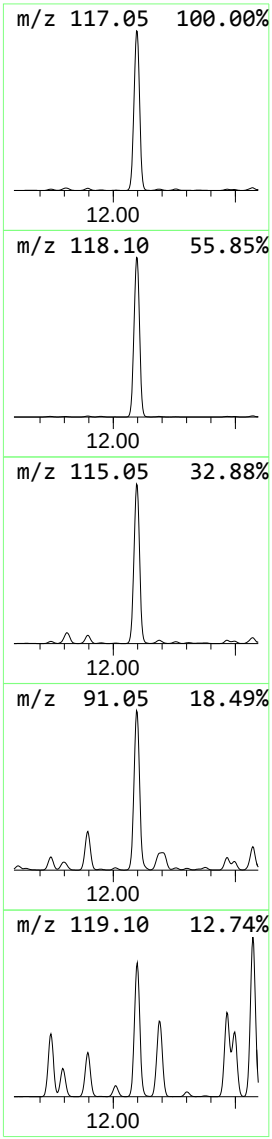
****

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	573.48 ug/l	22481800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Deltacyclene	118	C9H10	007785-10-6	64
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

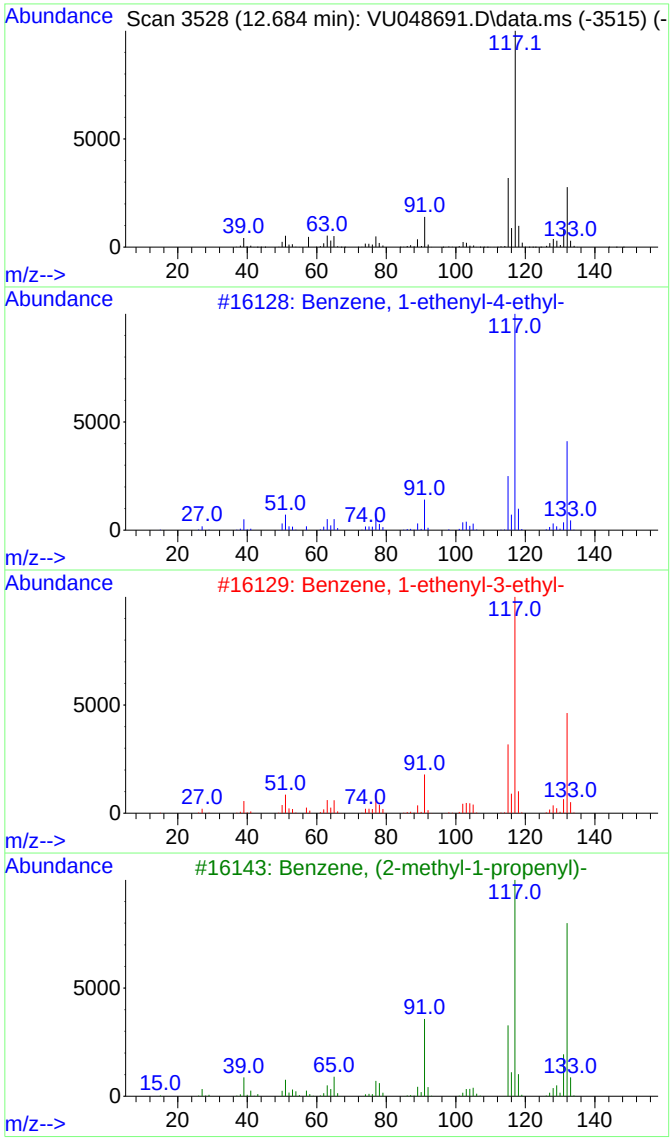
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

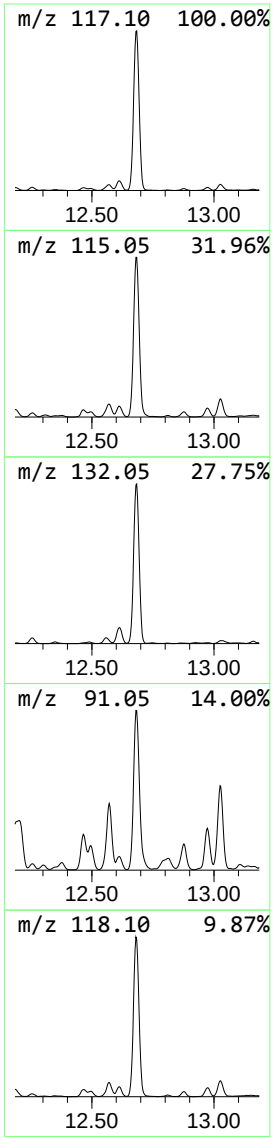
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	232.64 ug/l	9120080	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

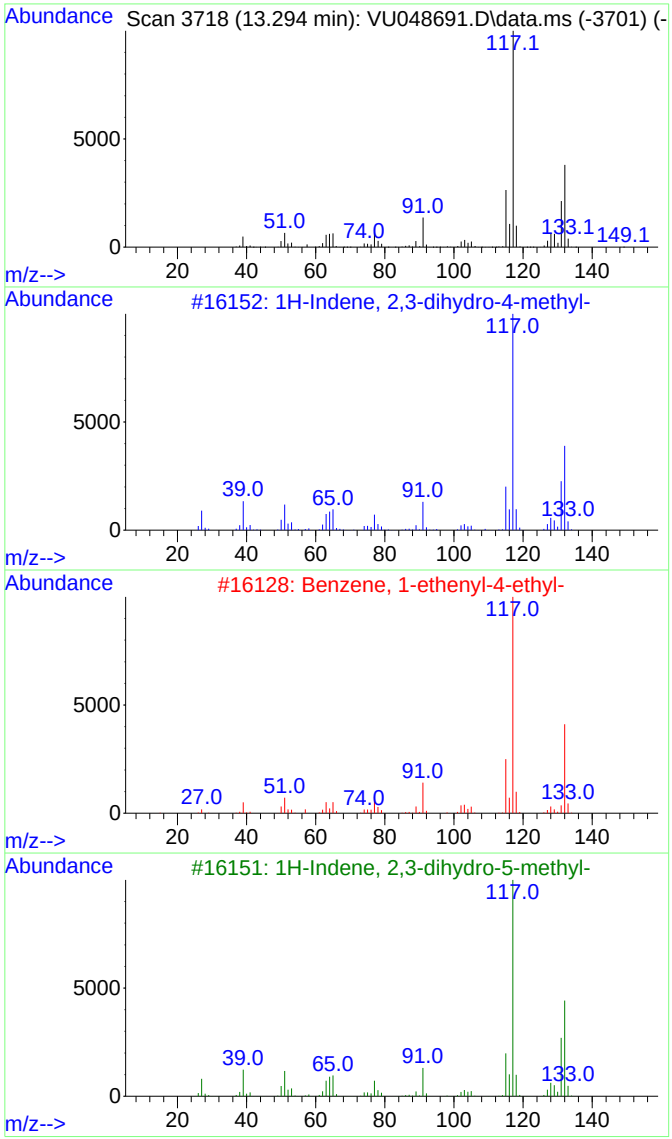
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

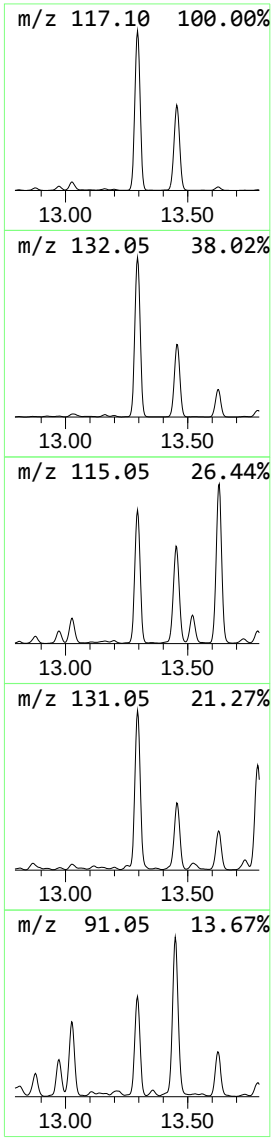
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	174.52 ug/l	6841490	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

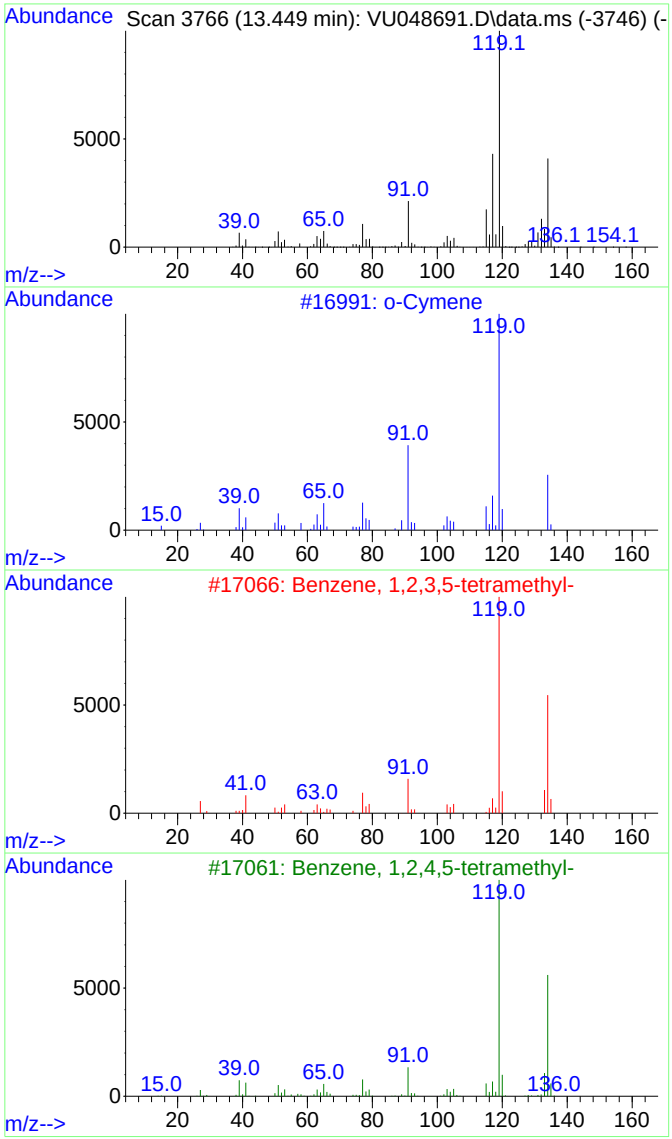
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

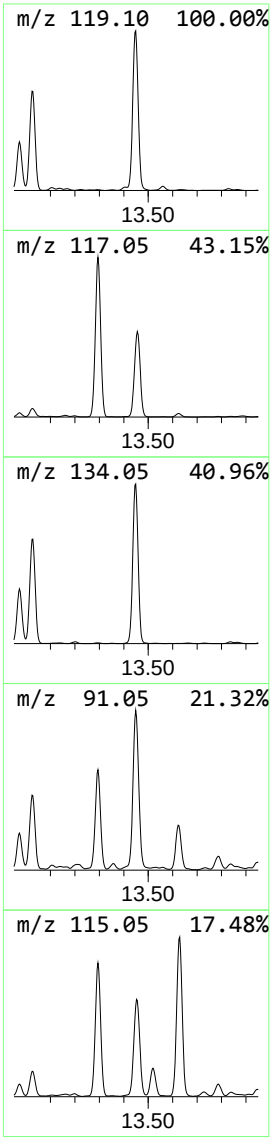
****

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	240.14 ug/l	9414090	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

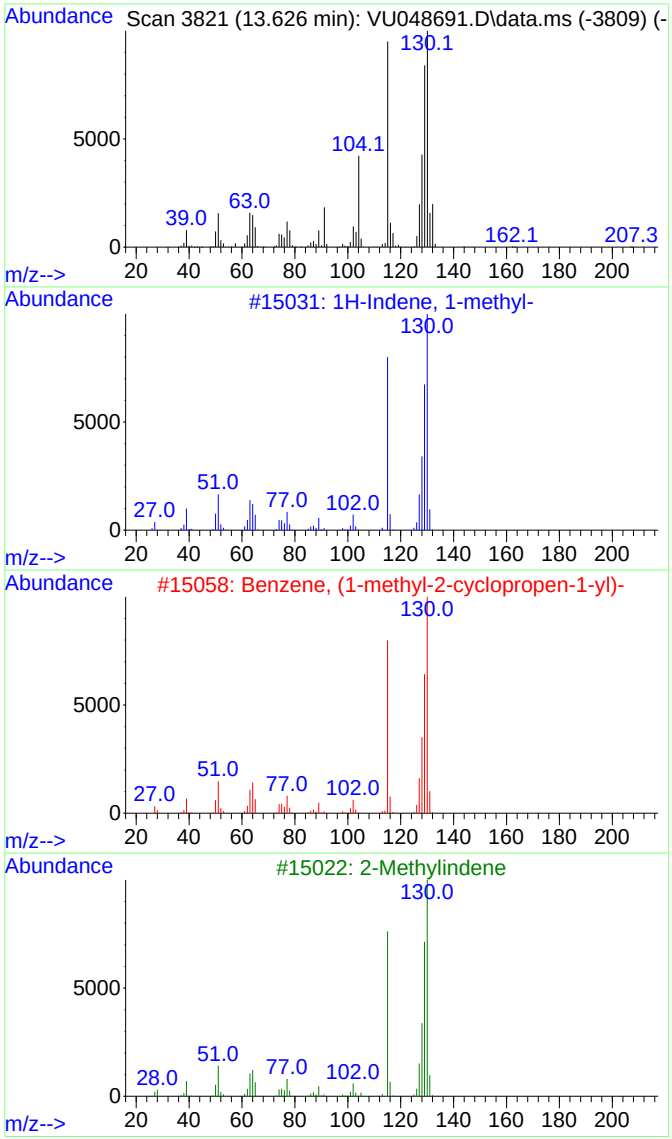
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

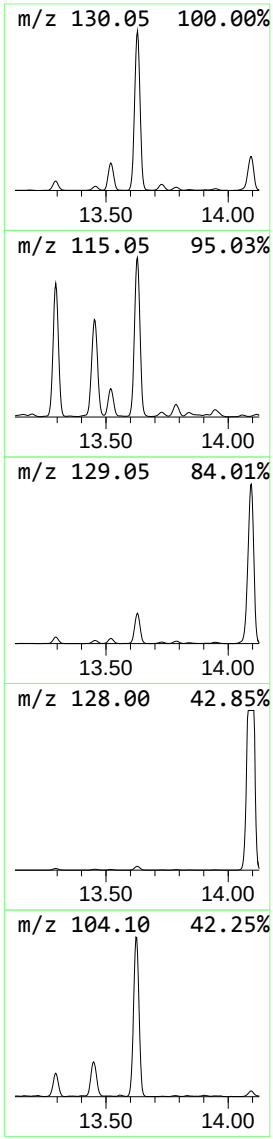
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	120.87 ug/l	4738270	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

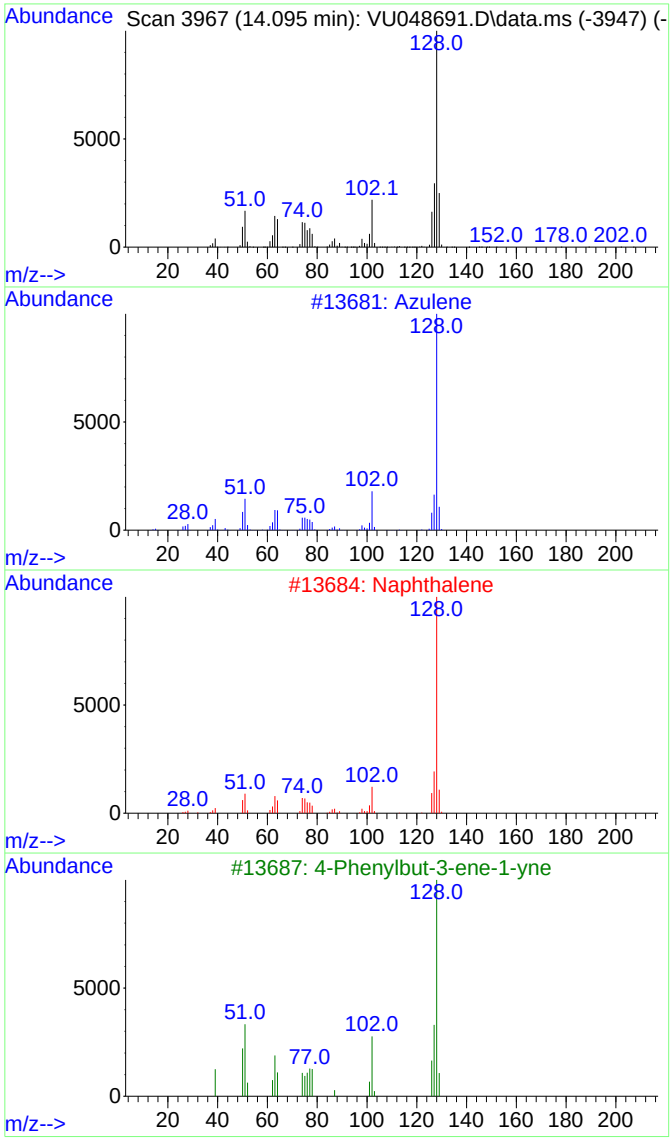
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

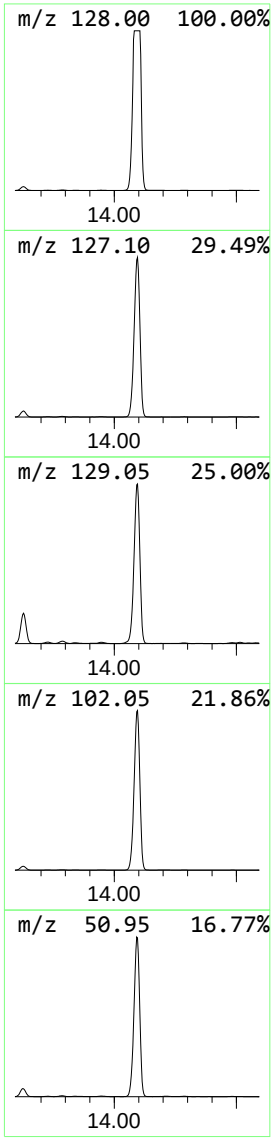
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	1578.04 ug/l	61862800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	87
2	Naphthalene	128	C10H8	000091-20-3	87
3	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	74
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	74
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

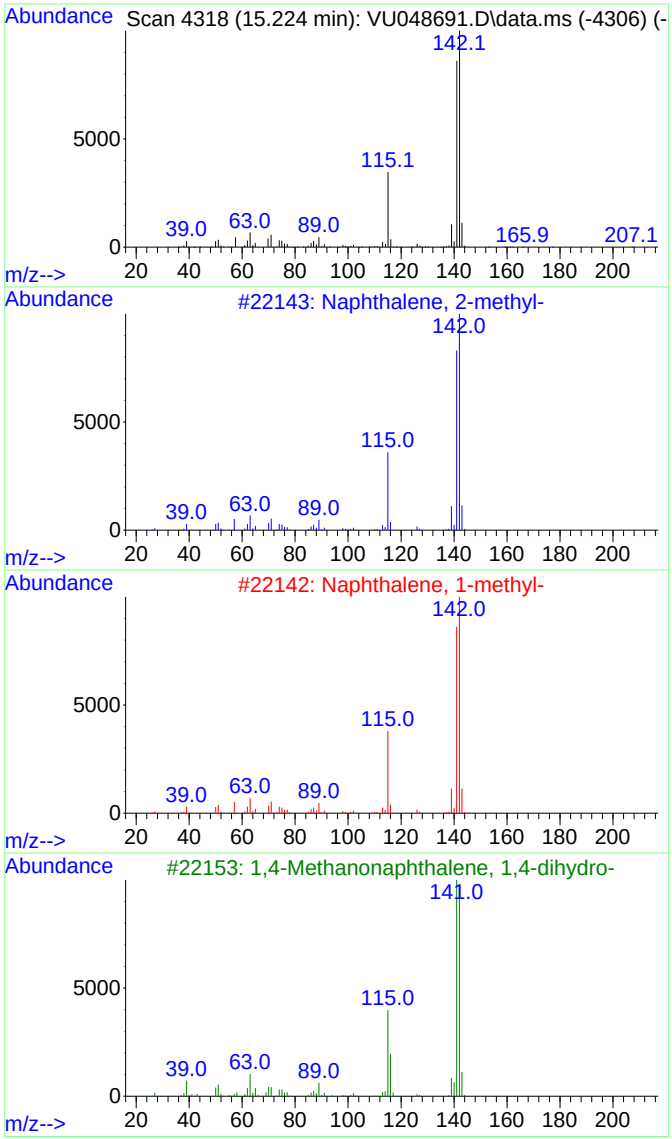
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

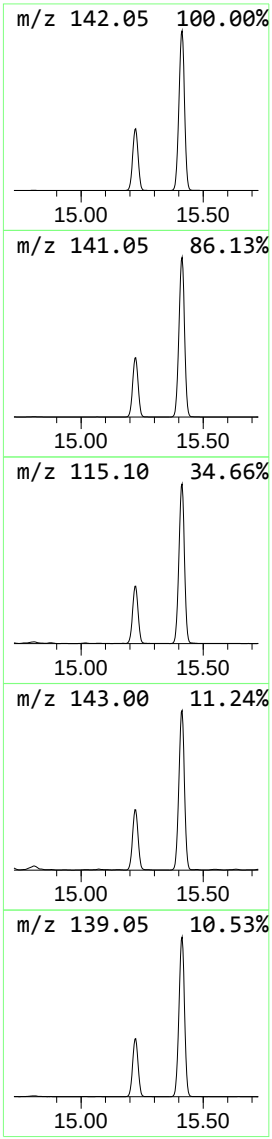
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	257.74 ug/l	10103900	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

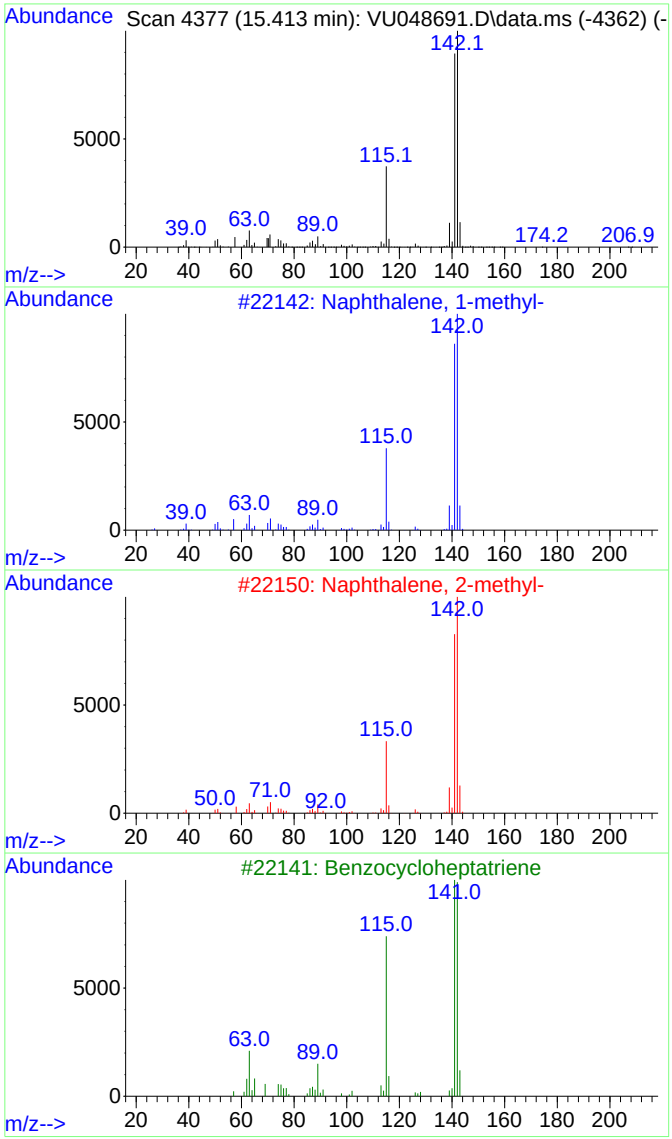
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

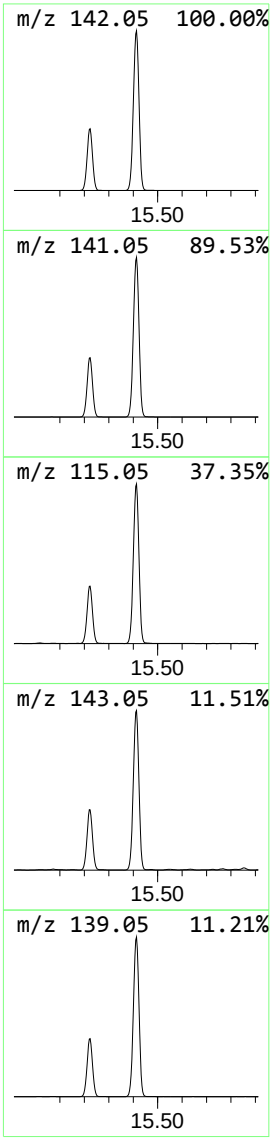
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.413	722.92 ug/l	28339900	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.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...	11.291	167.1	ug/l	6549360	4	11.812	1960110	50.0
Benzene, 1,2,3-...	11.896	198.3	ug/l	7773100	4	11.812	1960110	50.0
Indane	12.095	573.5	ug/l	22481800	4	11.812	1960110	50.0
Benzene, 1-ethe...	12.684	232.6	ug/l	9120080	4	11.812	1960110	50.0
1H-Indene, 2,3-...	13.294	174.5	ug/l	6841490	4	11.812	1960110	50.0
o-Cymene	13.449	240.1	ug/l	9414090	4	11.812	1960110	50.0
1H-Indene, 1-me...	13.626	120.9	ug/l	4738270	4	11.812	1960110	50.0
Azulene	14.095	1578.0	ug/l	61862800	4	11.812	1960110	50.0
1,4-Methanonaph...	15.224	257.7	ug/l	10103900	4	11.812	1960110	50.0
Benzocyclohepta...	15.413	722.9	ug/l	28339900	4	11.812	1960110	50.0