LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

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: VU048718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.996	194	204	221	rVB	670426	922056	2.77%	0.494%
2	2.205	259	269	283	rVB	243157	342507	1.03%	0.183%
3	2.601	378	392	411	rVB	184932	370903	1.11%	0.199%
4	3.044	514	530	535	rBV2	279016	580342	1.74%	0.311%
5	3.083	536	542	552	rVV	488362	957682	2.87%	0.513%
6	3.141	553	560	587	rVB5	185619	519690	1.56%	0.278%
7	3.363	609	629	657	rBV	659592	1477643	4.43%	0.791%
8	4.533	976	993	1010	rBV	714760	1723842	5.17%	0.923%
9	5.292	1209	1229	1241	rBV	220460	502180	1.51%	0.269%
10	5.379	1242	1256	1271	rVV3	610014	1556831	4.67%	0.834%
11	5.462	1272	1282	1307	rVB3	218189	580464	1.74%	0.311%
12	5.703	1345	1357	1371	rBV	213270	416830	1.25%	0.223%
13	5.848	1372	1402	1409	rVV4	212924	665755	2.00%	0.356%
14	5.903	1410	1419	1436	rVV6	324515	932306	2.80%	0.499%
15	6.250	1512	1527	1537	rBV	480204	923589	2.77%	0.495%
16	6.761	1664	1686	1710	rBV4	380670	1079684	3.24%	0.578%
17	7.388	1867	1881	1906	rBV5	316919	770664	2.31%	0.413%
18	7.899	2030	2040	2051	rVB	691378	1175395	3.53%	0.629%
19	7.970	2051	2062	2073	rVV	933382	1537276	4.61%	0.823%
20	8.176	2113	2126	2138	rVV2	385969	686656	2.06%	0.368%
21	8.263	2138	2153	2167	rVB	335506	619503	1.86%	0.332%
22	9.417	2500	2512	2526	rBV	708671	1204636	3.61%	0.645%
23	9.571	2547	2560	2584	rBV	12322676	19885744	59.67%	10.648%
24	9.697	2585	2599	2629	rVB	19854149	33325066	100.00%	17.844%
25	10.102	2711	2725	2759	rVB	11853034	18842679	56.54%	10.089%
26	10.485	2831	2844	2856	rBV	811743	1261931	3.79%	0.676%
27	10.632	2879	2890	2906	rBV	638697	1018346	3.06%	0.545%
28	10.906	2964	2975	2991	rVB	2144029	3269513	9.81%	1.751%
29	10.999	2991	3004	3008	rBV	4346923	6772666	20.32%	3.626%
30	11.089	3022	3032	3052	rVB	3785650	5850950	17.56%	3.133%
31	11.292	3081	3095	3117	rBV	4702110	7359697	22.08%	3.941%
32	11.472	3136	3151	3165	rBV	15243431	23464607	70.41%	12.564%
33	11.812	3244	3257	3270	rVB	901867	1495630	4.49%	0.801%
34	11.896	3270	3283	3295	rBV	3896110	5981395	17.95%	3.203%
35	12.095	3329	3345	3363	rBV3	4665759	8213352	24.65%	4.398%
36	12.189	3363	3374	3395	rVB3	1210741	2242228	6.73%	1.201%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

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	12.311	3399	3412	3423	rBV3	376664	656436	1.97%	0.351%
38	12.375	3423	3432	3447	rVB	330813	518613	1.56%	0.278%
39	12.465	3447	3460	3466	rBV	930917	1514080	4.54%	0.811%
40	12.497	3466	3470	3481	rVB	634141	833802	2.50%	0.446%
41	12.571	3481	3493	3501	rBV	1554529	2357227	7.07%	1.262%
42	12.613	3501	3506	3516	rVB	322575	465638	1.40%	0.249%
43	12.684	3516	3528	3547	rBV	1287954	2217393	6.65%	1.187%
44	12.877	3576	3588	3600	rVB2	299596	500641	1.50%	0.268%
45	12.973	3600	3618	3626	rBV	902291	1395873	4.19%	0.747%
46	13.025	3626	3634	3649	rVB	1188388	1833209	5.50%	0.982%
47	13.295	3709	3718	3732	rVB	1087698	1643407	4.93%	0.880%
48	13.455	3757	3768	3780	rVB2	2203670	3590173	10.77%	1.922%
49	13.626	3811	3821	3836	rVB2	361665	598227	1.80%	0.320%
50	13.787	3862	3871	3879	rBV	250036	392717	1.18%	0.210%
51	13.838	3879	3887	3900	rBV4	186236	352837	1.06%	0.189%
52	13.941	3913	3919	3937	rVB2	293182	539247	1.62%	0.289%
53	14.086	3948	3964	3988	rBV	3983214	6349039	19.05%	3.400%
54	14.205	3988	4001	4013	rVB	231158	412152	1.24%	0.221%
55	15.224	4307	4318	4345	rVB	629598	1077264	3.23%	0.577%
56	15.410	4364	4376	4389	rBV	593332	980998	2.94%	0.525%

Sum of corrected areas: 186759211

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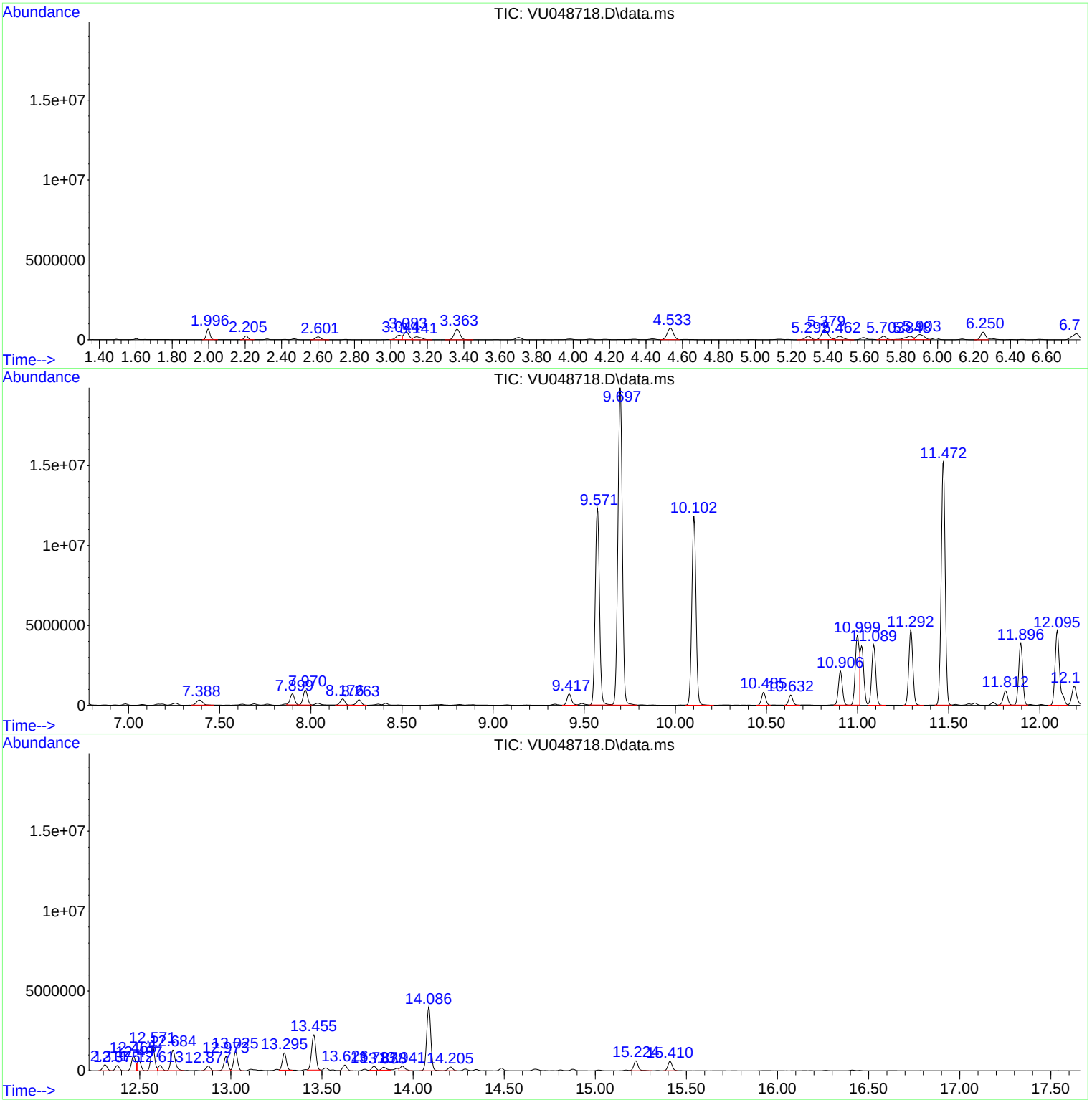
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

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 : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

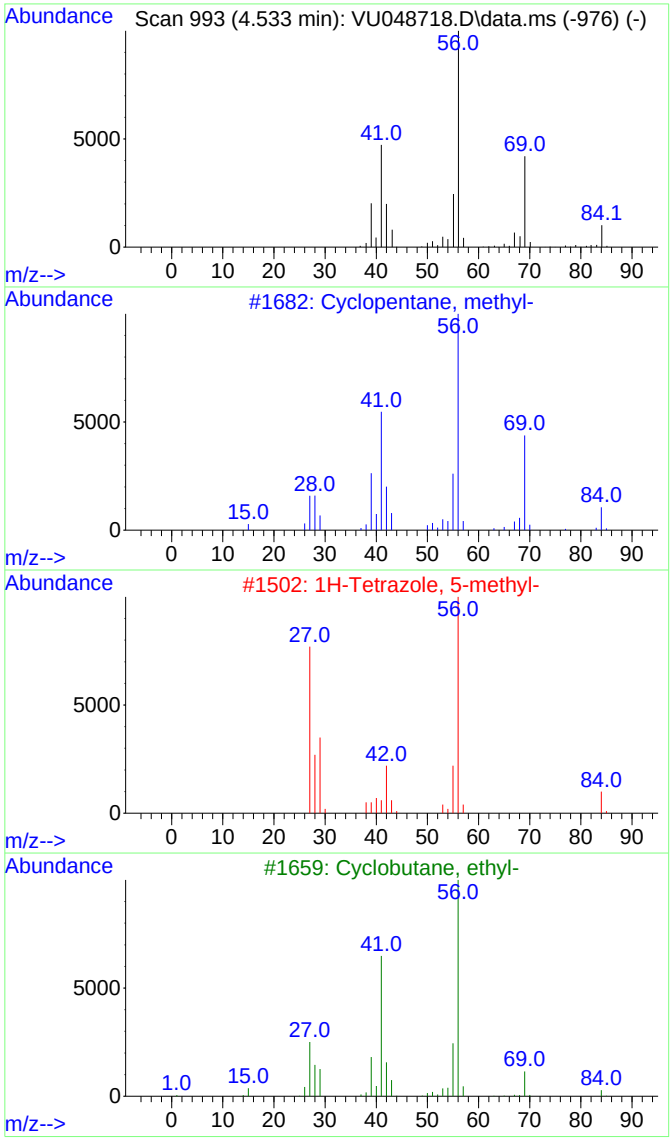
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

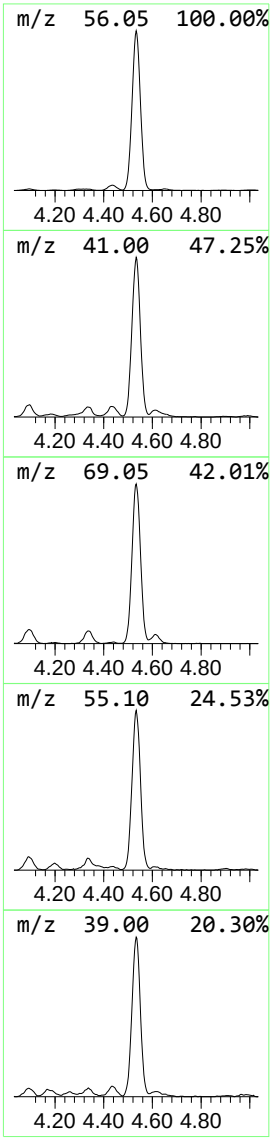
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	55.36 ug/l	1723840	Pentafluorobenzene	5.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclohexane	84	C6H12	000110-82-7	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

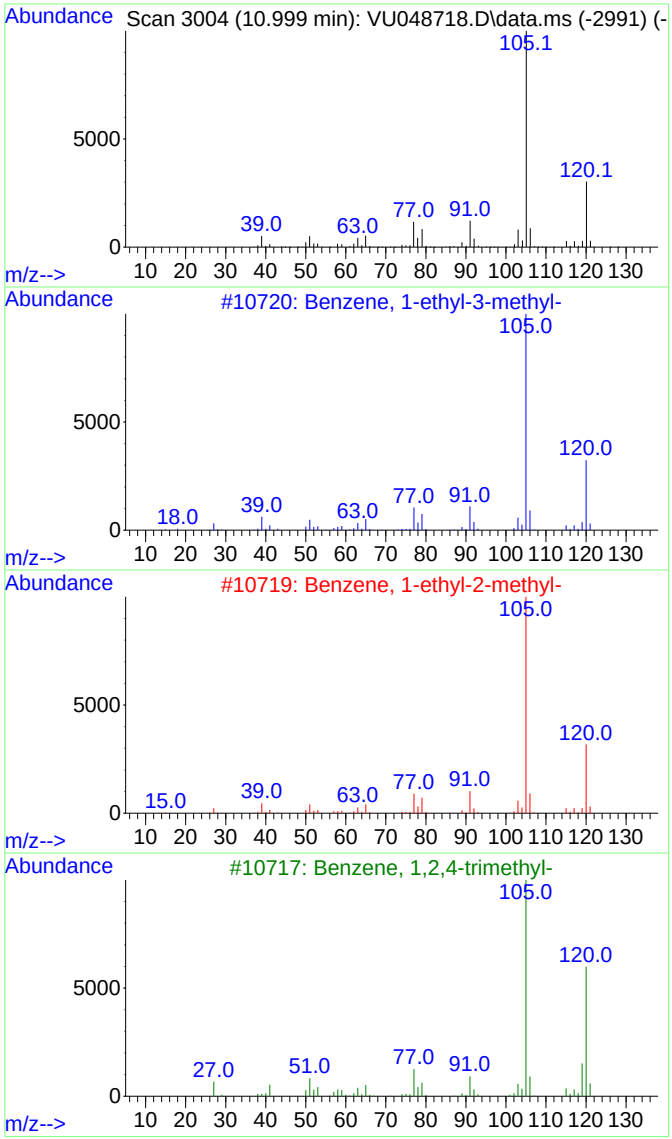
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

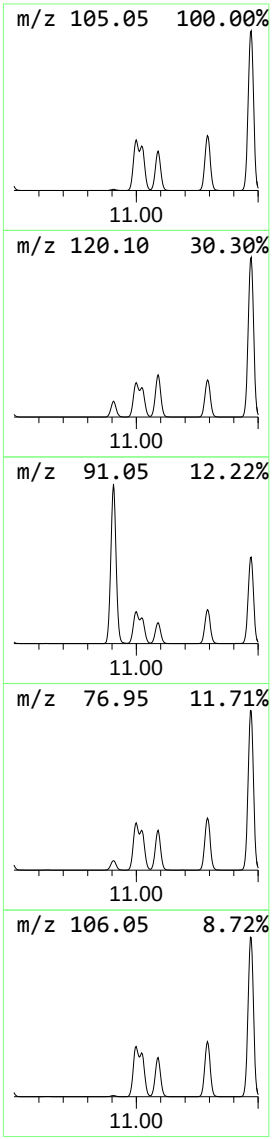
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	226.41 ug/l	6772670	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

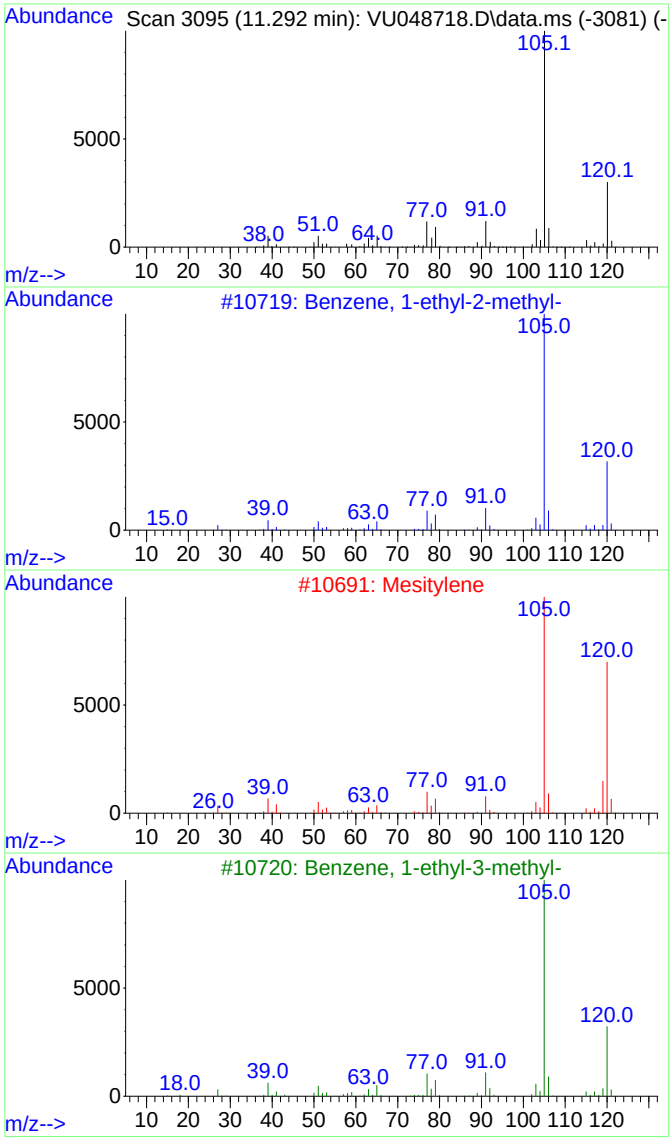
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

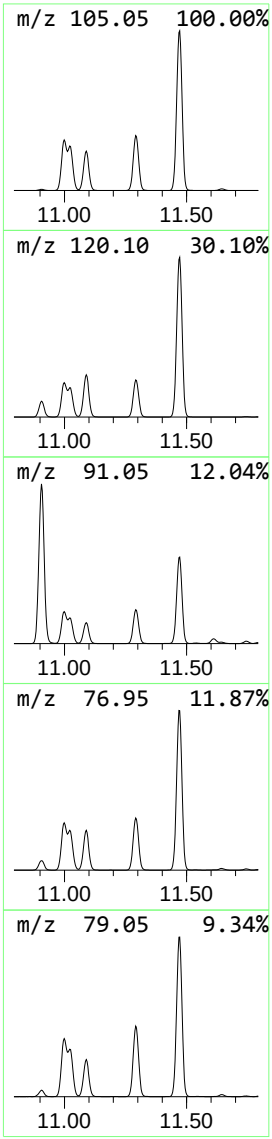
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	246.04 ug/l	7359700	1,4-Dichlorobenzene-d4	11.813

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 : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

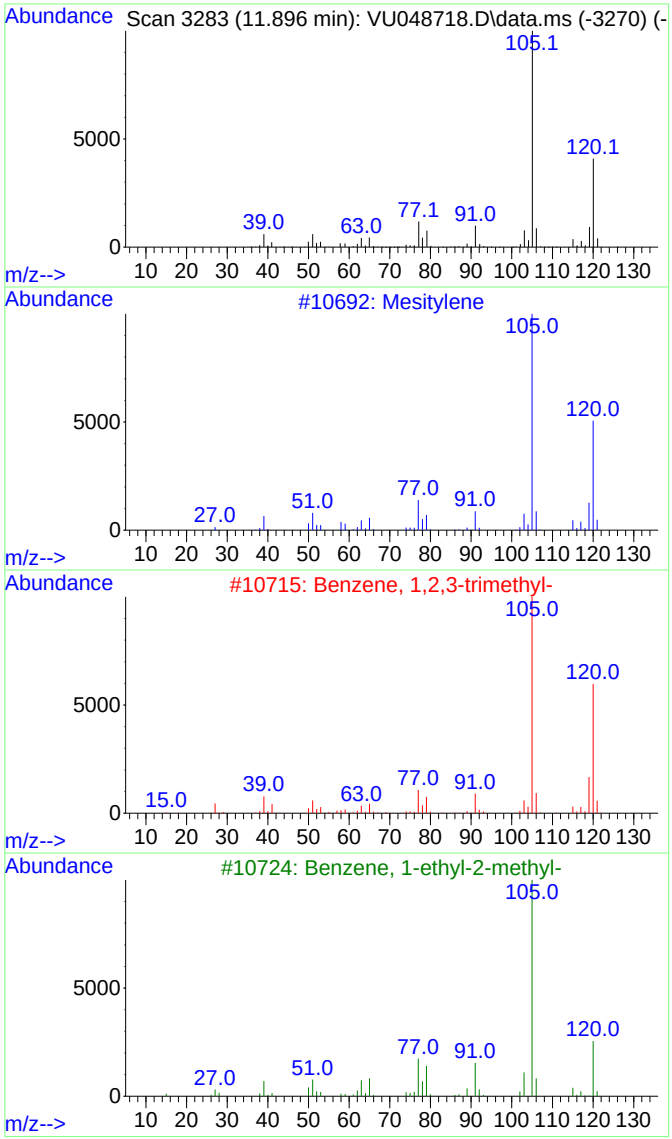
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

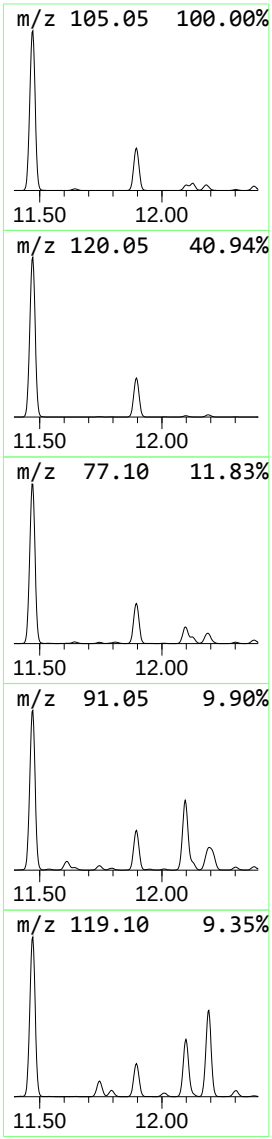
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	199.96 ug/l	5981400	1,4-Dichlorobenzene-d4	11.813

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-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

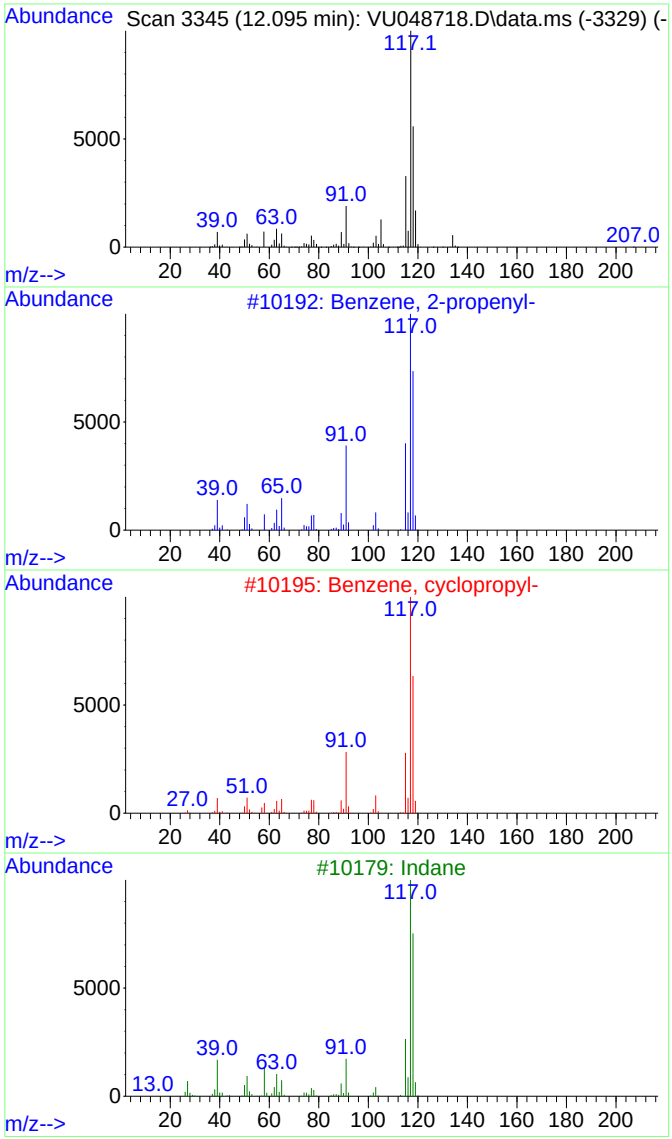
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

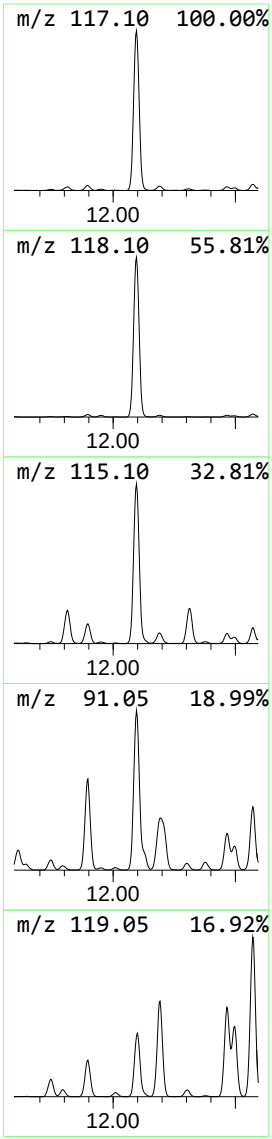
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	274.58 ug/l	8213350	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	76
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

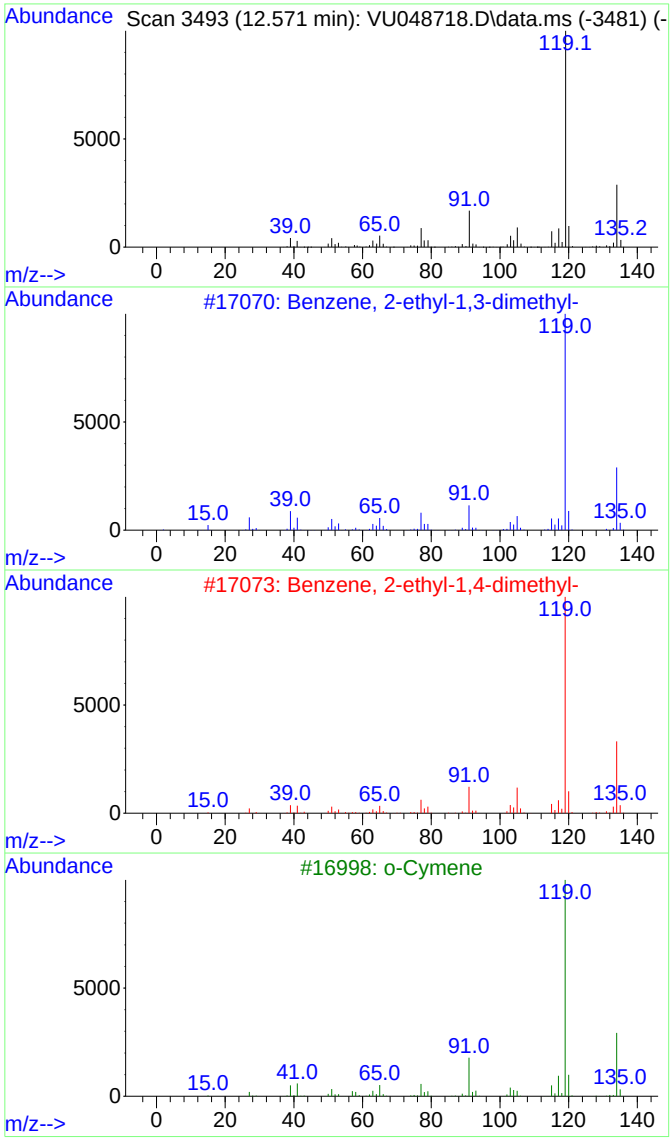
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

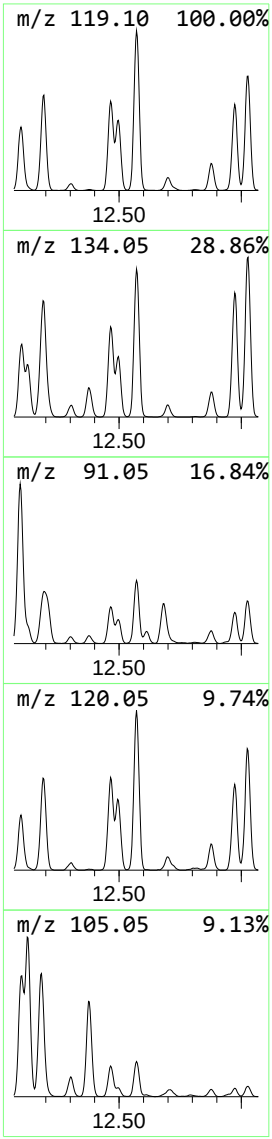
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	78.80 ug/l	2357230	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

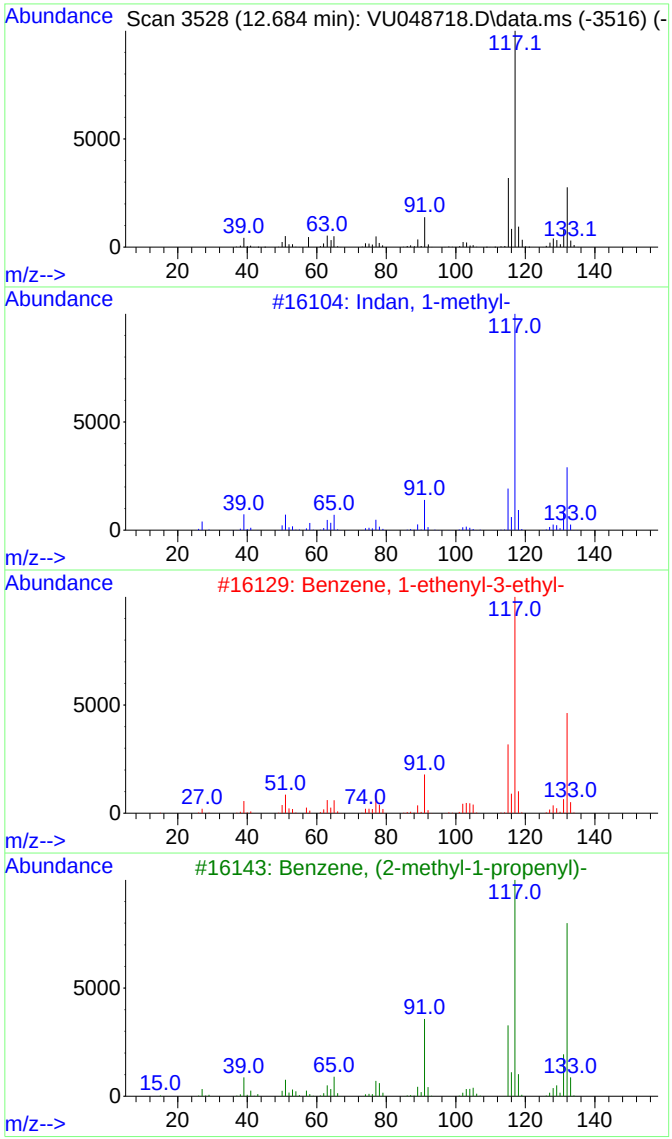
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

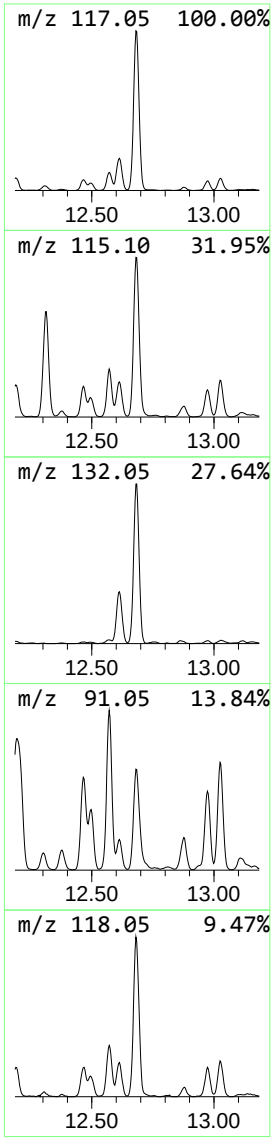
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	74.13 ug/l	2217390	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

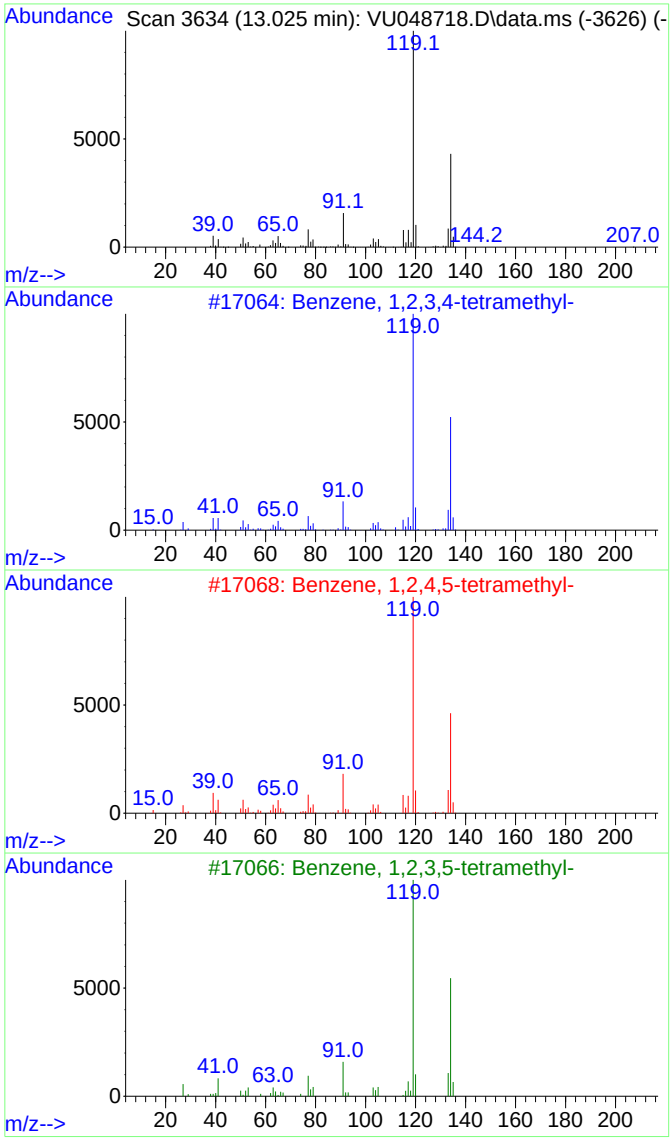
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

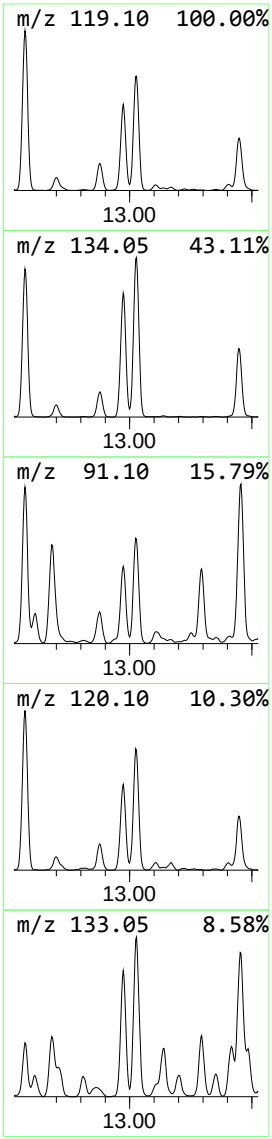
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	61.29 ug/l	1833210	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

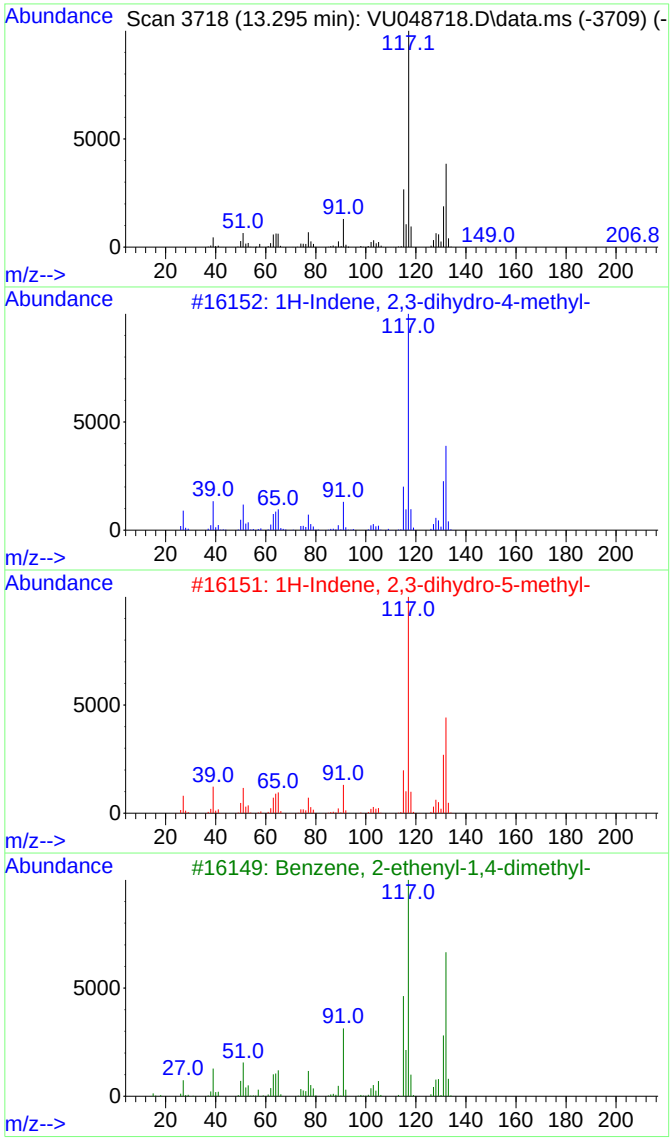
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

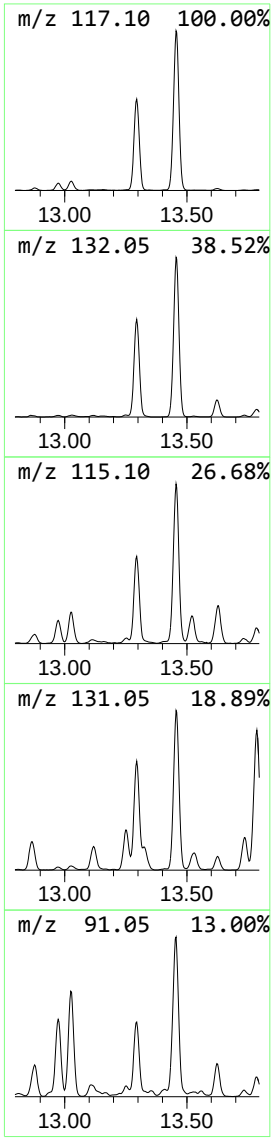
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	54.94 ug/l	1643410	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

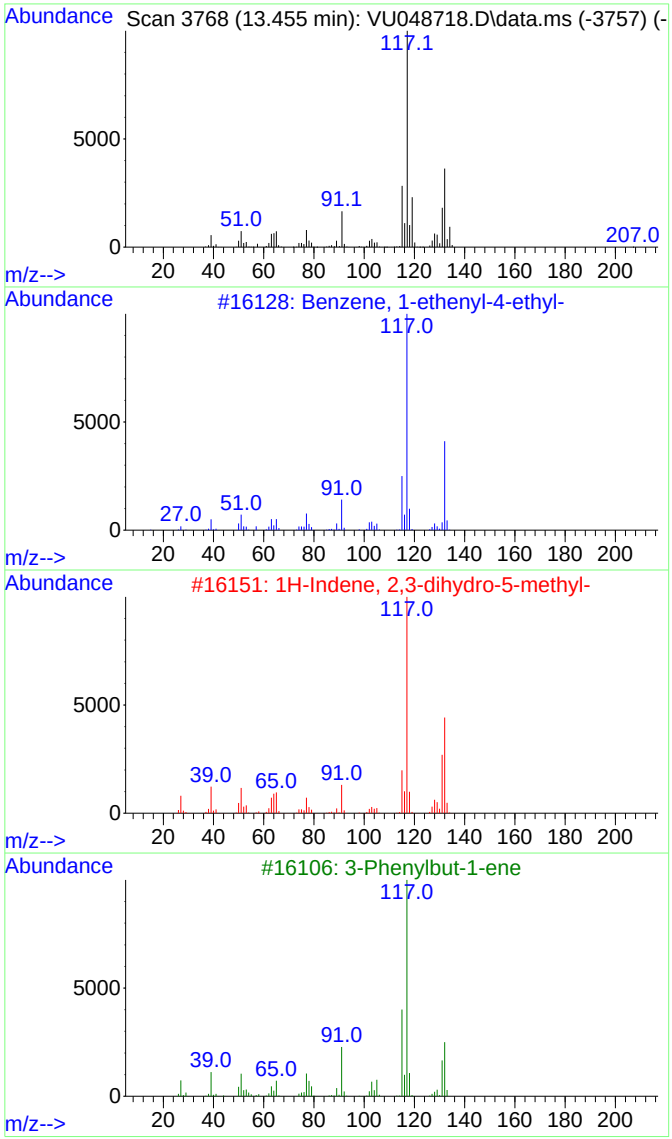
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

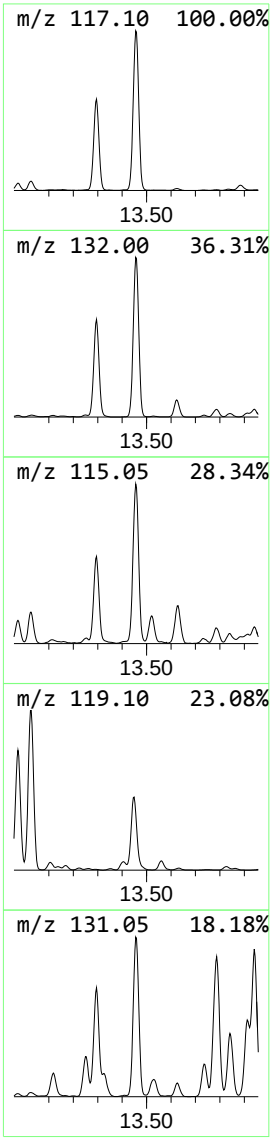
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.456	120.02 ug/l	3590170	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
Sample : N3033-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-20

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
Cyclopentane, m...	4.533	55.4	ug/l	1723840	1	5.375	1556830	50.0
Benzene, 1-ethy...	10.999	226.4	ug/l	6772670	4	11.813	1495630	50.0
Benzene, 1-ethy...	11.292	246.0	ug/l	7359700	4	11.813	1495630	50.0
Benzene, 1,2,3-...	11.896	200.0	ug/l	5981400	4	11.813	1495630	50.0
Benzene, 2-prop...	12.095	274.6	ug/l	8213350	4	11.813	1495630	50.0
Benzene, 2-ethy...	12.571	78.8	ug/l	2357230	4	11.813	1495630	50.0
Indan, 1-methyl-	12.684	74.1	ug/l	2217390	4	11.813	1495630	50.0
Benzene, 1,2,3,...	13.025	61.3	ug/l	1833210	4	11.813	1495630	50.0
1H-Indene, 2,3-...	13.295	54.9	ug/l	1643410	4	11.813	1495630	50.0
Benzene, 1-ethe...	13.456	120.0	ug/l	3590170	4	11.813	1495630	50.0