LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
Operator : MD/SY
Sample : 05771-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMUTR121123WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU057081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.579	81	90	106	rBV2	364865	490696	3.58%	1.105%
2	1.682	112	122	131	rBV	1760675	2235735	16.30%	5.034%
3	1.727	131	136	149	rVB	151528	209170	1.53%	0.471%
4	2.563	377	396	408	rBV2	96223	216224	1.58%	0.487%
5	3.177	566	587	627	rBV	4670271	11058364	80.65%	24.899%
6	4.615	1011	1034	1093	rBV	4874954	13712114	100.00%	30.875%
7	5.055	1159	1171	1184	rBV	111147	249619	1.82%	0.562%
8	5.759	1357	1390	1427	rBV3	1286431	3665581	26.73%	8.254%
9	6.245	1527	1541	1563	rBV	198980	394860	2.88%	0.889%
10	6.685	1665	1678	1693	rBV	125750	243578	1.78%	0.548%
11	7.894	2042	2054	2068	rBV	209503	394945	2.88%	0.889%
12	7.965	2068	2076	2092	rVB	88476	156382	1.14%	0.352%
13	8.627	2267	2282	2302	rBV	245298	478642	3.49%	1.078%
14	9.441	2514	2535	2566	rBV	4026493	7186206	52.41%	16.181%
15	9.688	2597	2612	2624	rBV	103782	195238	1.42%	0.440%
16	10.479	2844	2858	2872	rBV2	85015	143964	1.05%	0.324%
17	10.750	2932	2942	2953	rBV2	117352	188405	1.37%	0.424%
18	10.901	2973	2989	3006	rBV	92415	184578	1.35%	0.416%
19	11.463	3153	3164	3180	rVB	198424	323133	2.36%	0.728%
20	11.830	3258	3278	3288	rBV2	400911	1058908	7.72%	2.384%
21	11.891	3288	3297	3315	rVB	194337	390120	2.85%	0.878%
22	12.087	3342	3358	3375	rBV2	288039	497525	3.63%	1.120%
23	12.187	3378	3389	3406	rVB	251911	464929	3.39%	1.047%
24	13.447	3757	3781	3791	rBV3	140867	273320	1.99%	0.615%

Sum of corrected areas: 44412236

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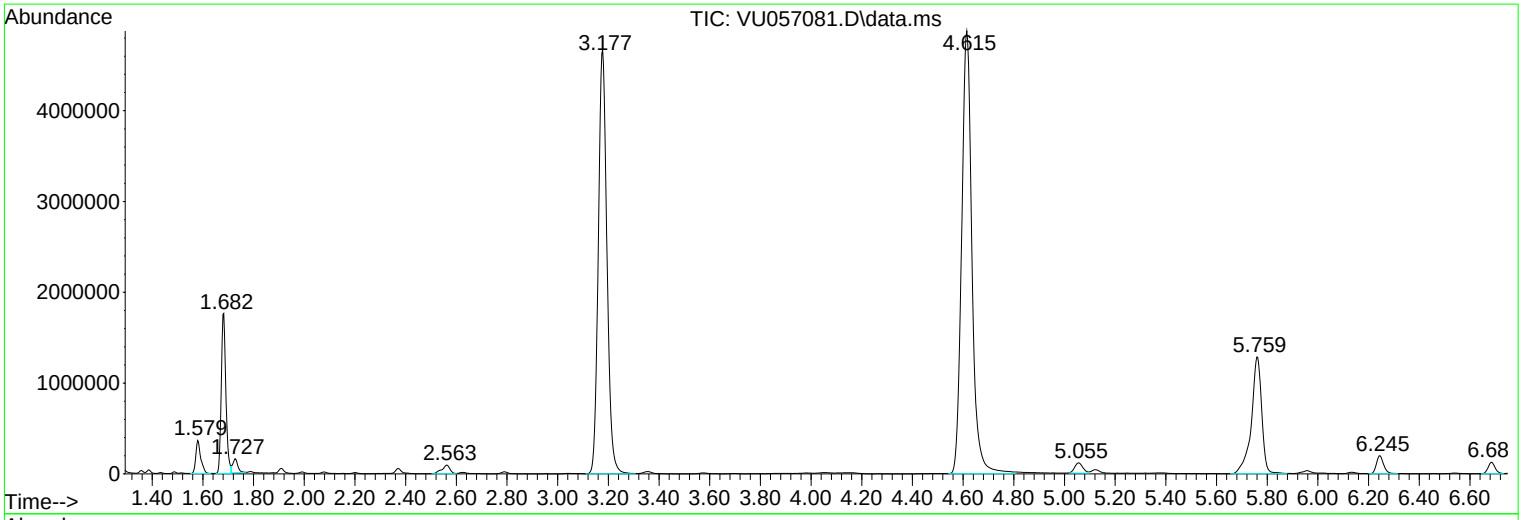
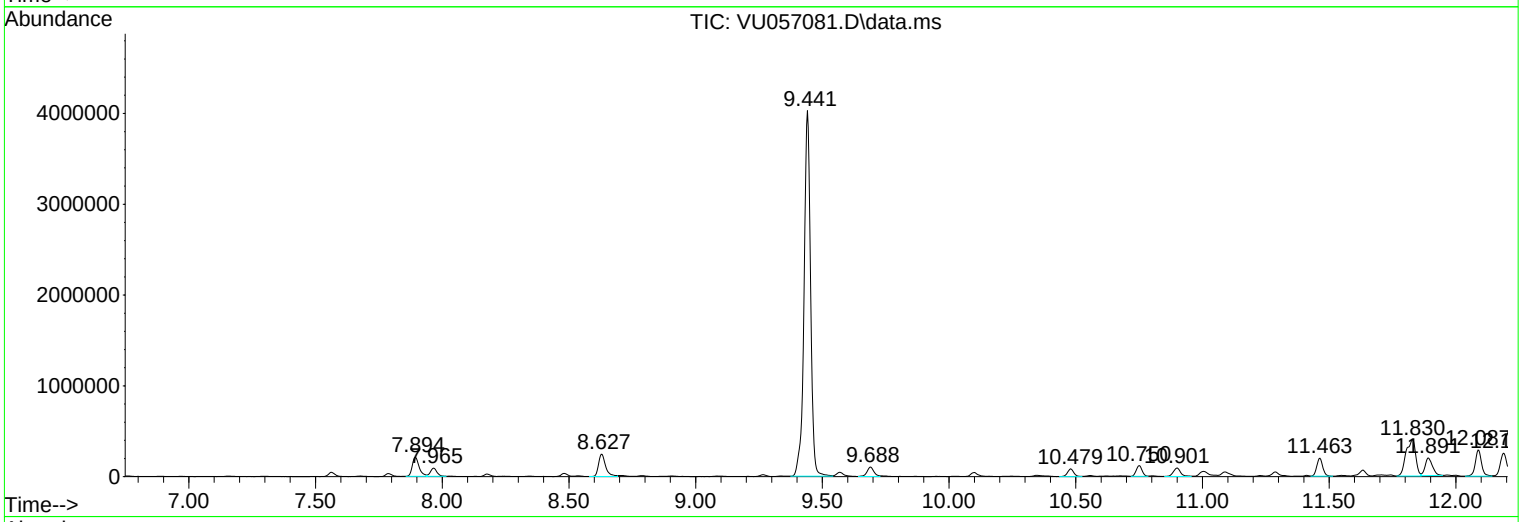
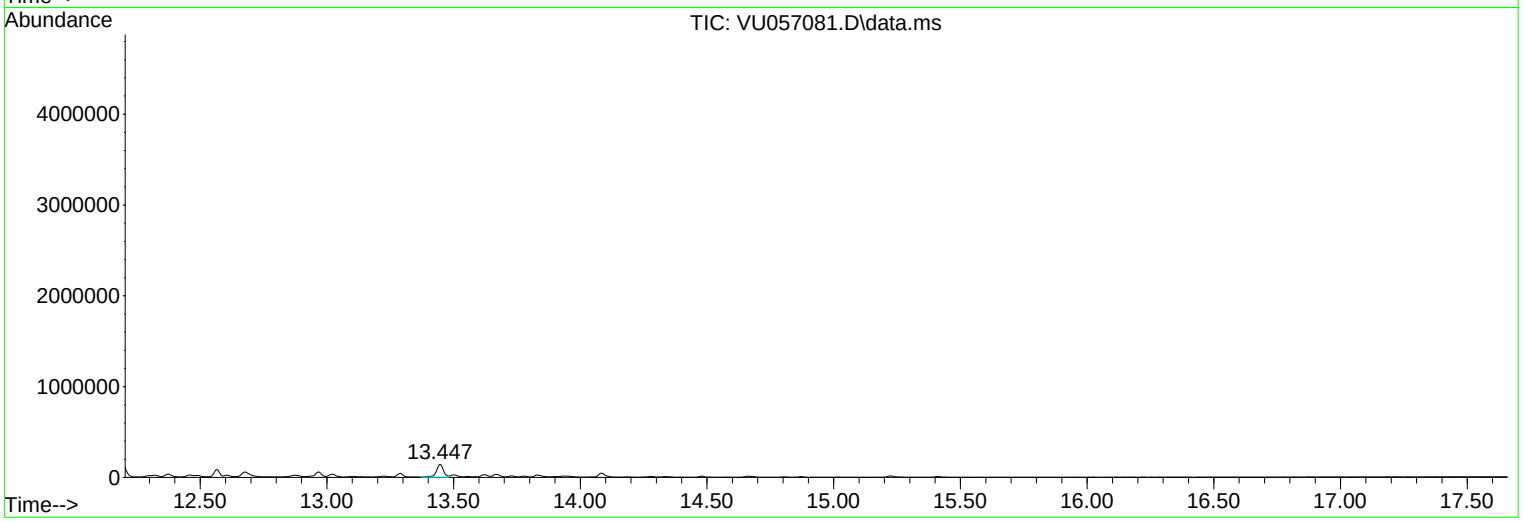
Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

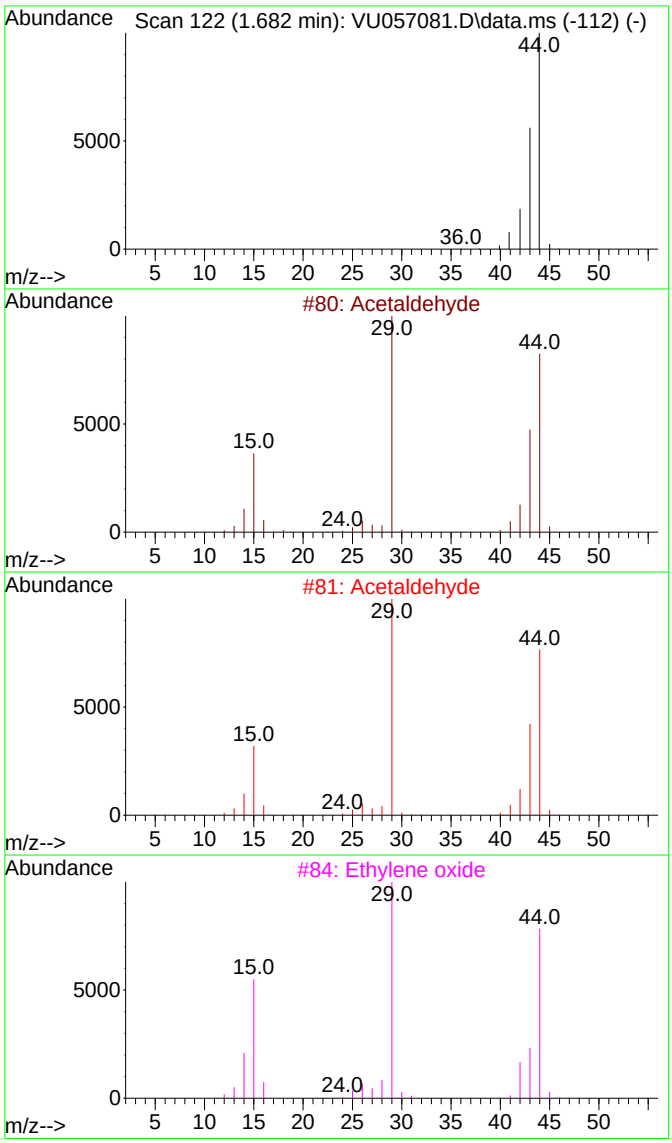
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

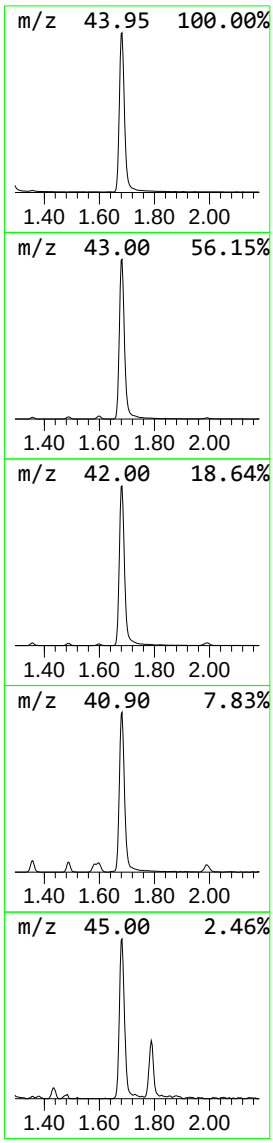
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.682	28.31 ug/L	2235740	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





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Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
Operator : MD/SY
Sample : 05771-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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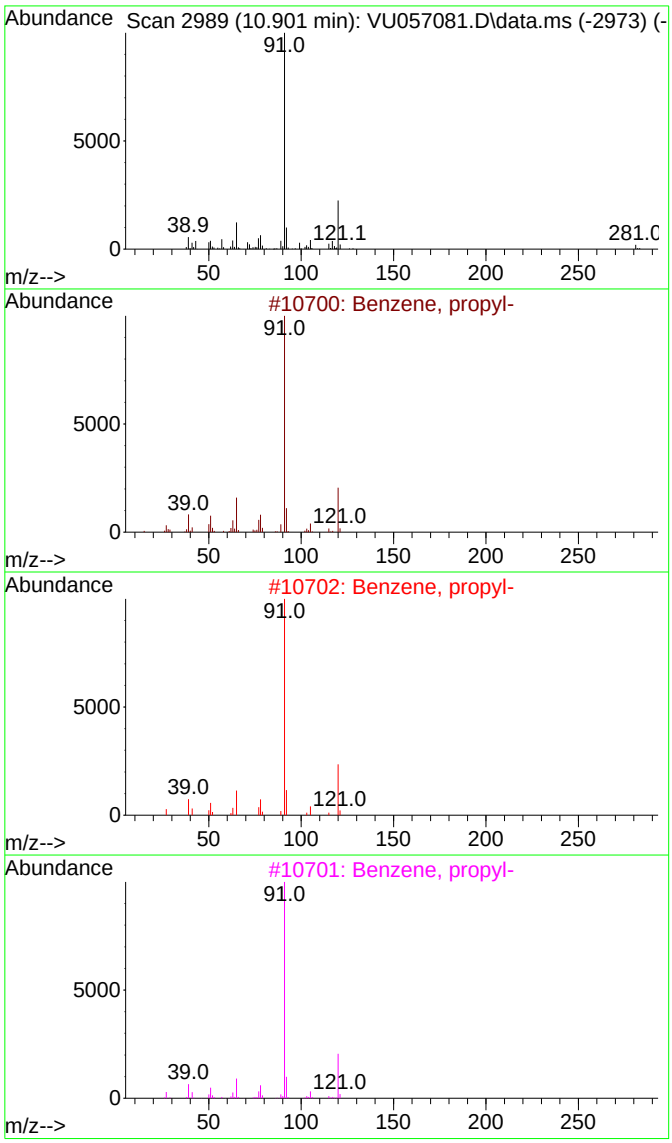
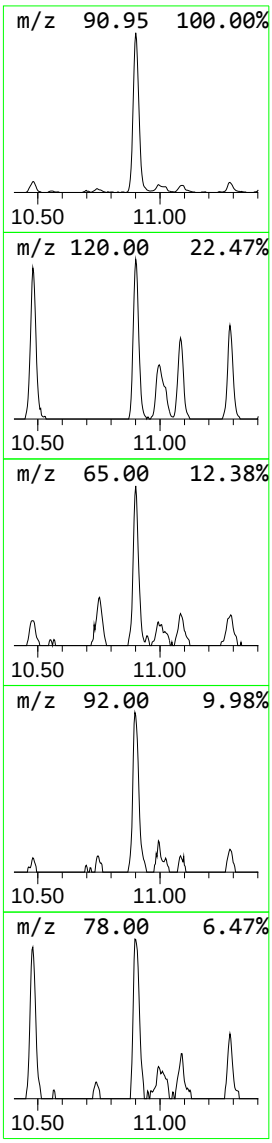
Peak Number 4 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	0.87 ug/L	184578	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Data File : VU057081.D
Acq On : 20 Dec 2023 10:51
Operator : MD/SY
Sample : 05771-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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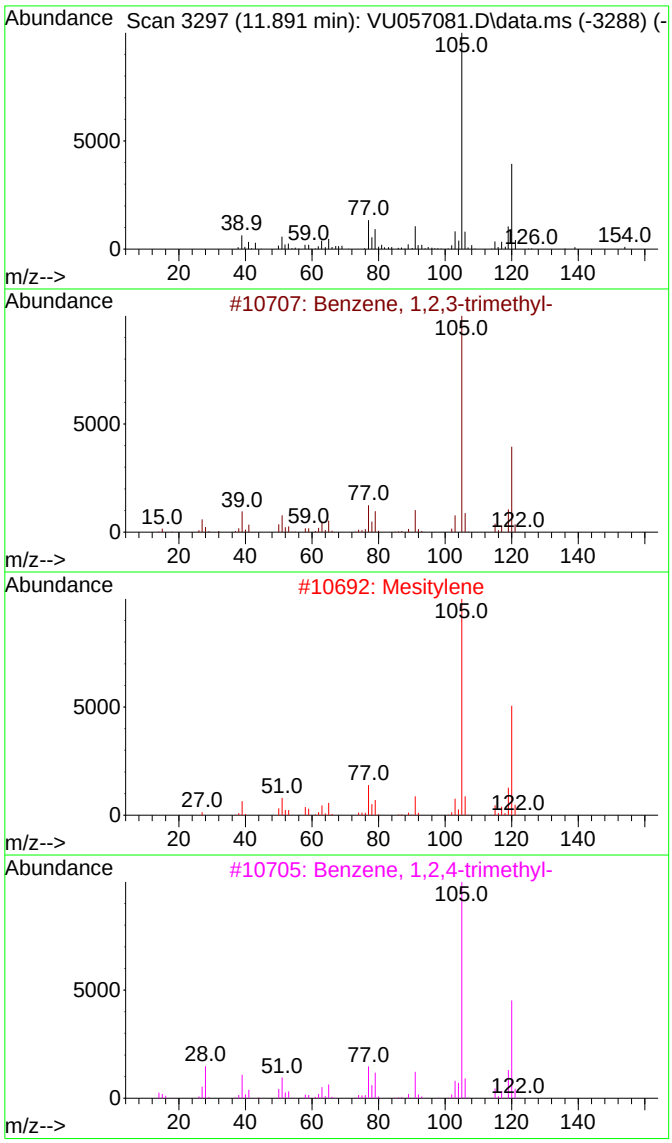
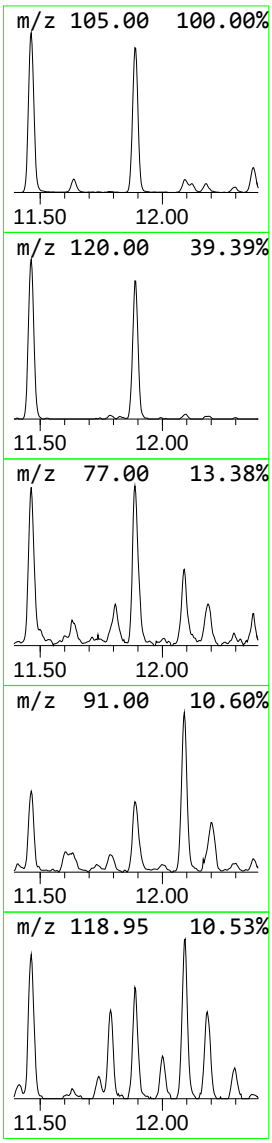
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	1.84 ug/L	390120	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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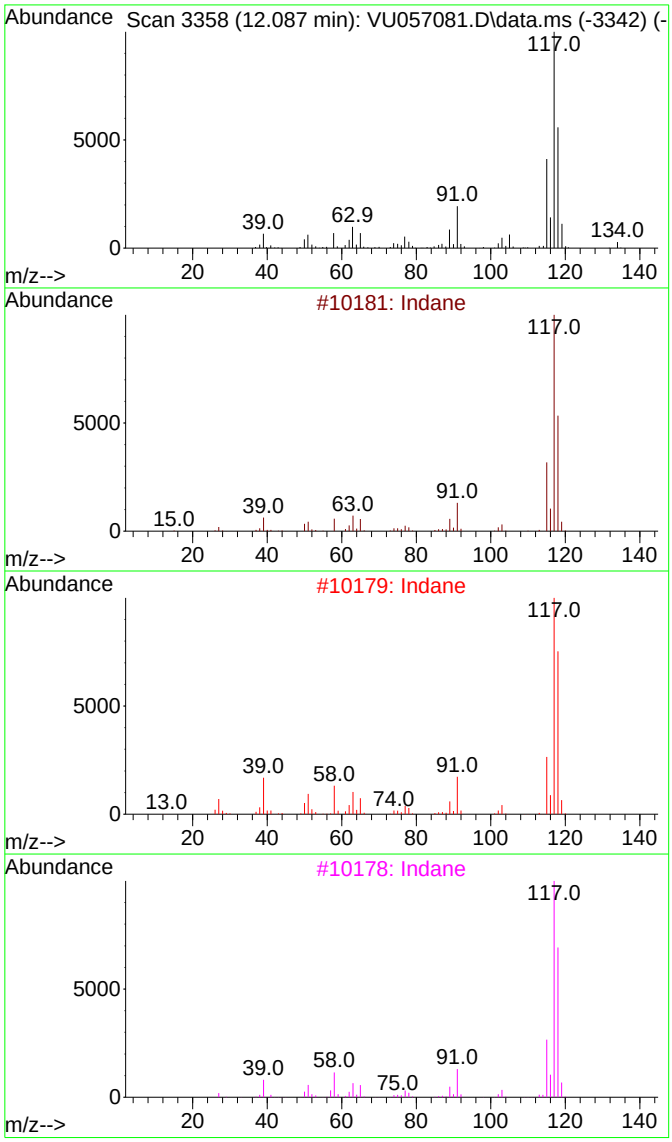
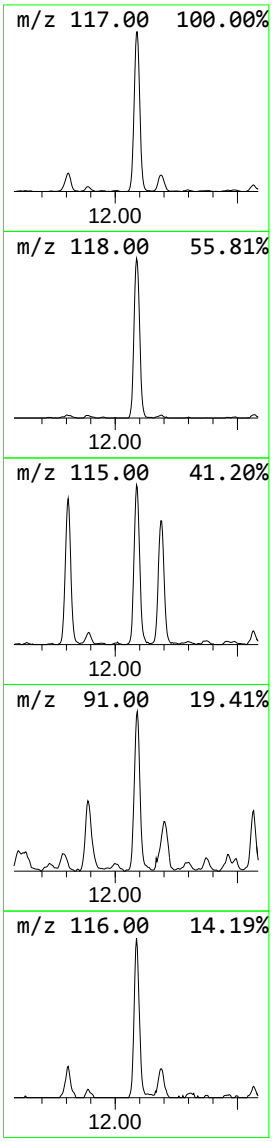
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	2.35 ug/L	497525	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98

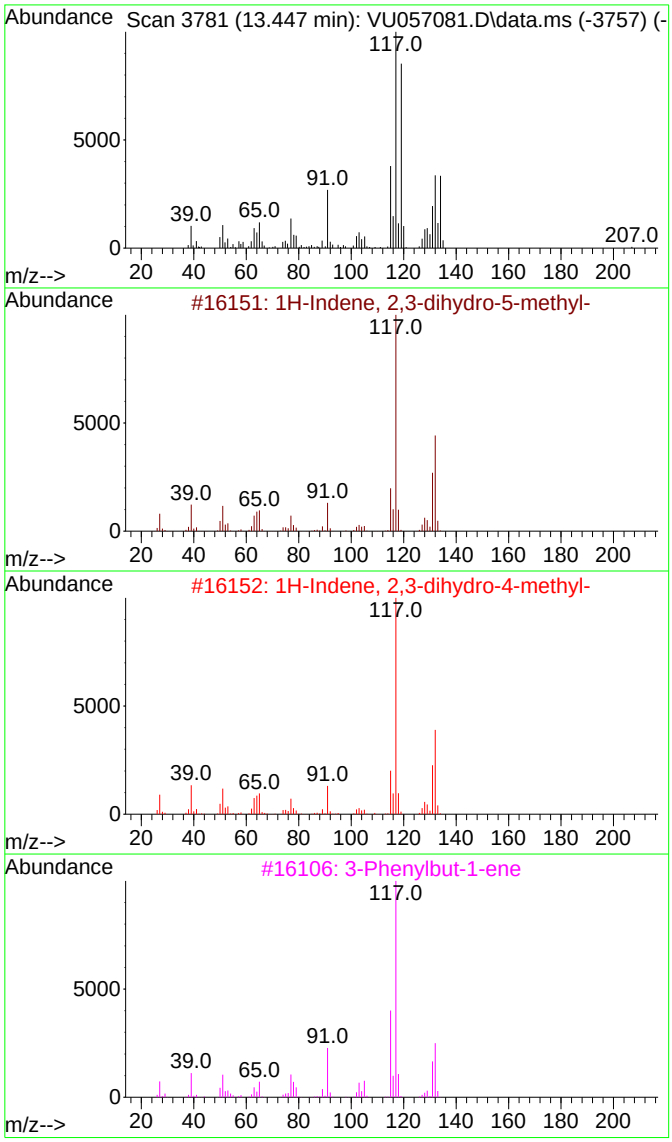
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

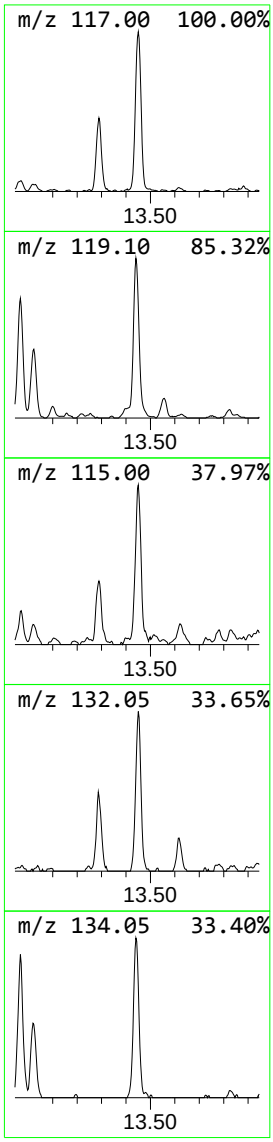
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	1.29 ug/L	273320	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	49
5	o-Cymene	134	C10H14	000527-84-4	46





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.682	28.3	ug/L	2235740	1	6.245	394860	5.0
Benzene, propyl-	10.901	0.9	ug/L	184578	3	11.807	1058910	5.0
Benzene, 1,2,3-...	11.891	1.8	ug/L	390120	3	11.807	1058910	5.0
Indane	12.087	2.4	ug/L	497525	3	11.807	1058910	5.0
1H-Indene, 2,3-...	13.447	1.3	ug/L	273320	3	11.807	1058910	5.0