LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

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_V\Method\SFAMVTR091024WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV037439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	93	rVB	94119	107438	3.59%	0.431%
2	1.384	93	107	114	rBV4	19820	53675	1.79%	0.215%
3	1.529	145	152	166	rVB	114758	133686	4.47%	0.536%
4	2.053	306	315	333	rVB	201591	303418	10.14%	1.217%
5	3.207	660	674	702	rBV	106710	253157	8.46%	1.016%
6	3.667	798	817	833	rBV2	25214	66269	2.21%	0.266%
7	3.802	844	859	903	rBV	144427	510258	17.05%	2.047%
8	4.002	912	921	940	rBV4	15435	42505	1.42%	0.171%
9	4.243	980	996	1027	rBV2	173346	458187	15.31%	1.838%
10	4.574	1083	1099	1119	rBV2	73631	192357	6.43%	0.772%
11	4.953	1201	1217	1225	rBV2	414639	988146	33.01%	3.964%
12	5.005	1225	1233	1270	rVB	498467	1205101	40.26%	4.835%
13	5.532	1384	1397	1419	rBV	327564	708755	23.68%	2.843%
14	5.985	1525	1538	1548	rBV2	236203	493052	16.47%	1.978%
15	6.043	1549	1556	1577	rVB2	120557	261582	8.74%	1.049%
16	6.918	1816	1828	1851	rBV	75338	166667	5.57%	0.669%
17	7.239	1917	1928	1952	rVV	406348	762404	25.47%	3.059%
18	7.564	2020	2029	2053	rBV3	42926	111087	3.71%	0.446%
19	8.024	2163	2172	2208	rBV	566644	1227838	41.02%	4.926%
20	8.783	2397	2408	2426	rBV	523273	910594	30.42%	3.653%
21	8.953	2453	2461	2473	rBV2	19450	31685	1.06%	0.127%
22	9.066	2479	2496	2524	rBV	1857036	2993535	100.00%	12.009%
23	9.866	2733	2745	2759	rBV	128533	217425	7.26%	0.872%
24	10.149	2822	2833	2855	rBV	217149	356565	11.91%	1.430%
25	10.291	2866	2877	2899	rBV2	49443	106965	3.57%	0.429%
26	10.670	2985	2995	3012	rBV	91666	155365	5.19%	0.623%
27	10.847	3039	3050	3071	rBV	531712	833020	27.83%	3.342%
28	11.181	3144	3154	3172	rBV	579832	927220	30.97%	3.720%
29	11.268	3172	3181	3195	rVB	165440	258352	8.63%	1.036%
30	11.464	3229	3242	3243	rBV	132168	157735	5.27%	0.633%
31	11.558	3261	3271	3300	rVB4	597012	1138404	38.03%	4.567%
32	11.680	3300	3309	3322	rVB4	33038	53375	1.78%	0.214%
33	11.754	3323	3332	3347	rVB	76416	125808	4.20%	0.505%
34	11.847	3350	3361	3365	rBV	288613	455284	15.21%	1.827%
35	11.873	3366	3369	3382	rVV	296554	393631	13.15%	1.579%
36	11.950	3382	3393	3413	rVV	725373	1182369	39.50%	4.743%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

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_V\Method\SFAMVTR091024WMA.M
Title : TRACE VOA SFAM1.0

37	12.046	3413	3423	3449	rVB3	147425	317417	10.60%	1.273%
38	12.249	3475	3486	3498	rVB	128961	200482	6.70%	0.804%
39	12.345	3500	3516	3524	rBV	690748	1030305	34.42%	4.133%
40	12.397	3524	3532	3551	rVB	1259574	1872580	62.55%	7.512%
41	12.487	3553	3560	3567	rBV	30204	40452	1.35%	0.162%
42	12.657	3603	3613	3628	rVB	264137	406203	13.57%	1.630%
43	12.815	3643	3662	3674	rBV2	1191996	1908937	63.77%	7.658%
44	12.937	3692	3700	3707	rBV	26102	45425	1.52%	0.182%
45	12.979	3707	3713	3728	rVB3	46017	79254	2.65%	0.318%
46	13.204	3773	3783	3789	rBV3	54709	89449	2.99%	0.359%
47	13.336	3817	3824	3837	rVB2	23365	37762	1.26%	0.151%
48	13.435	3843	3855	3881	rBV	299874	555383	18.55%	2.228%

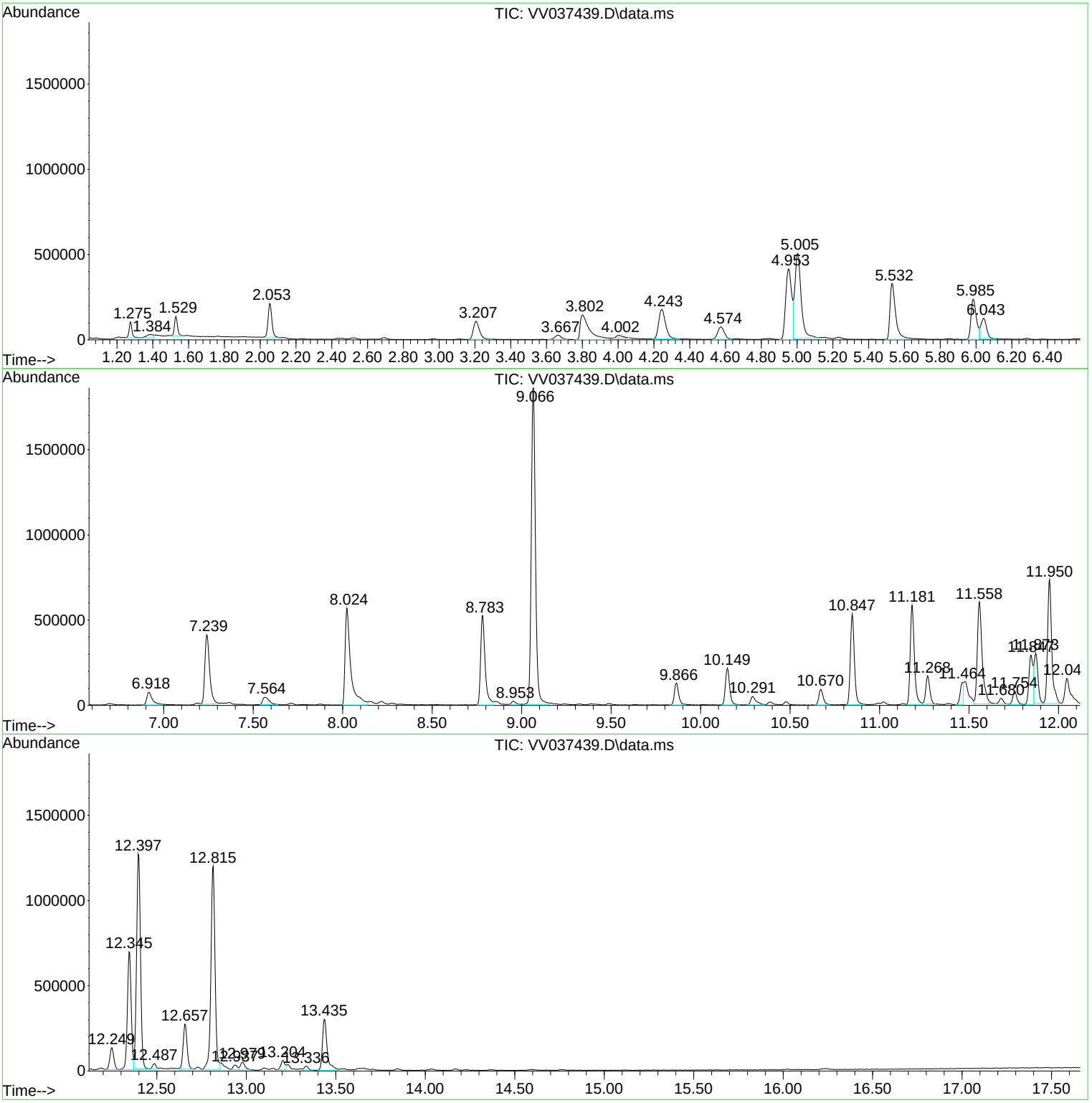
Sum of corrected areas: 24926563

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

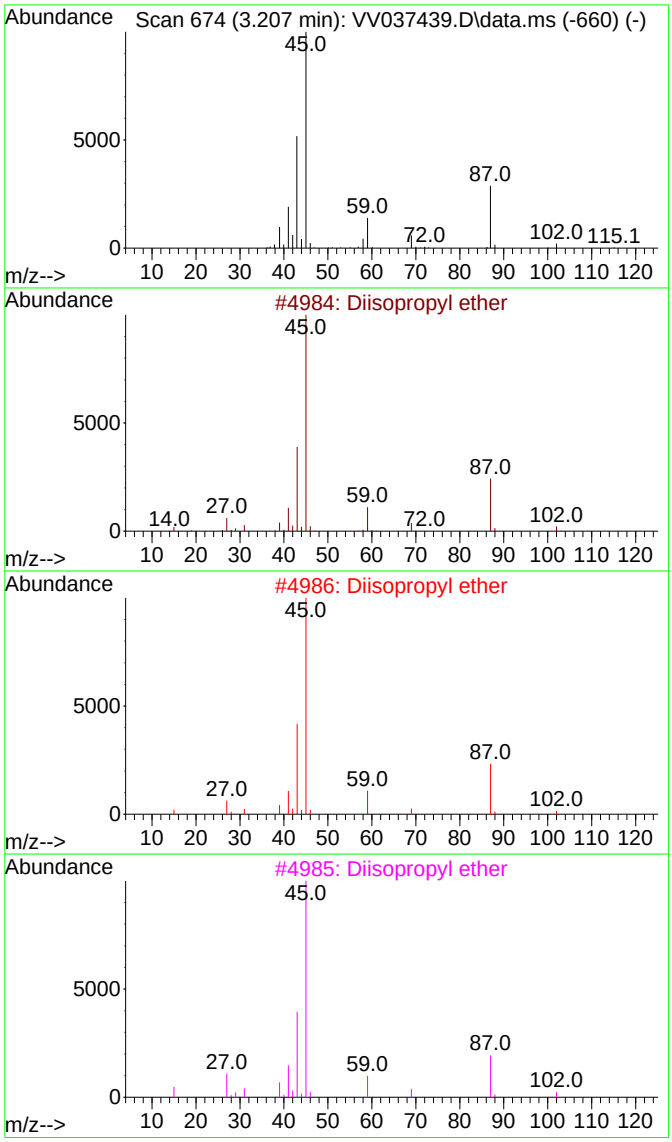
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

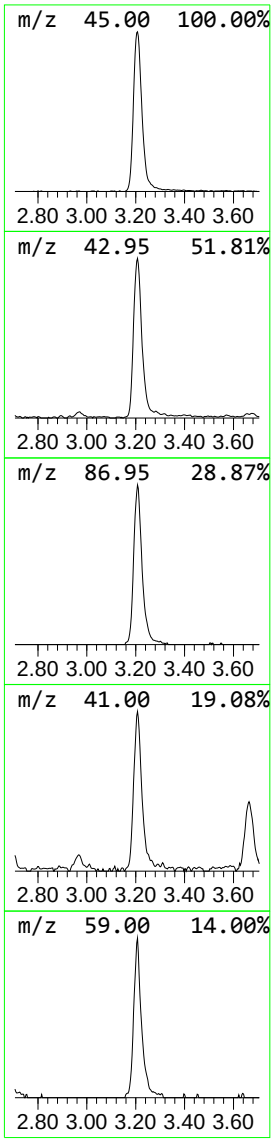
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Diisopropyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.207	1.79 ug/L	253157	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	86
3	Diisopropyl ether	102	C6H14O	000108-20-3	80
4	Diisopropyl ether	102	C6H14O	000108-20-3	78
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

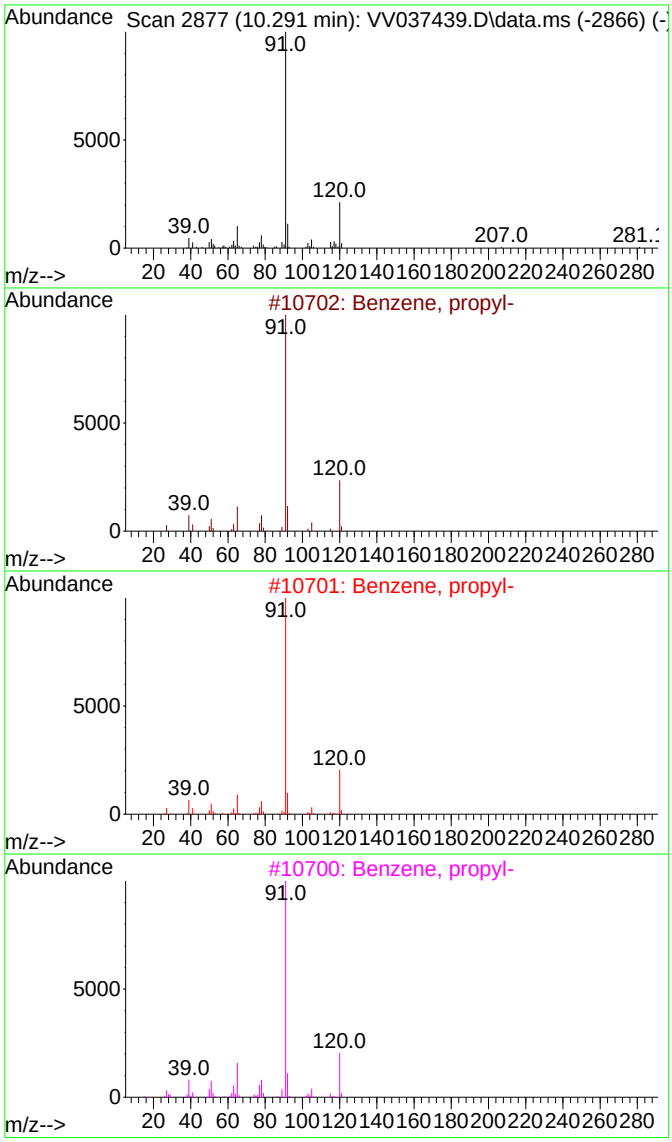
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

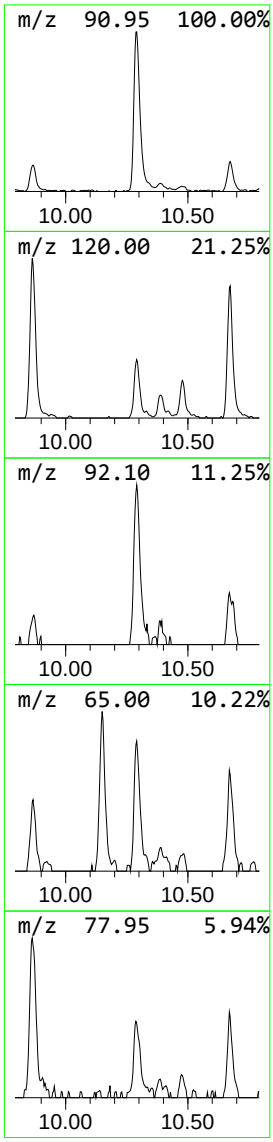
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.291	0.58 ug/L	106965	1,4-Dichlorobenzene-d4	11.181

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

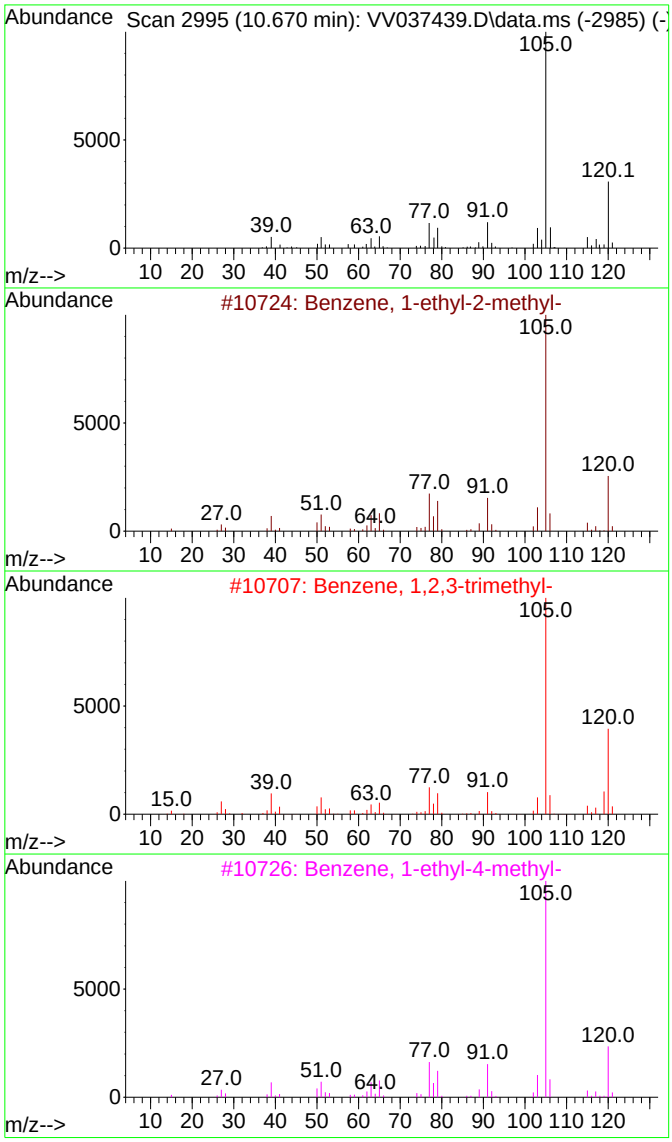
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

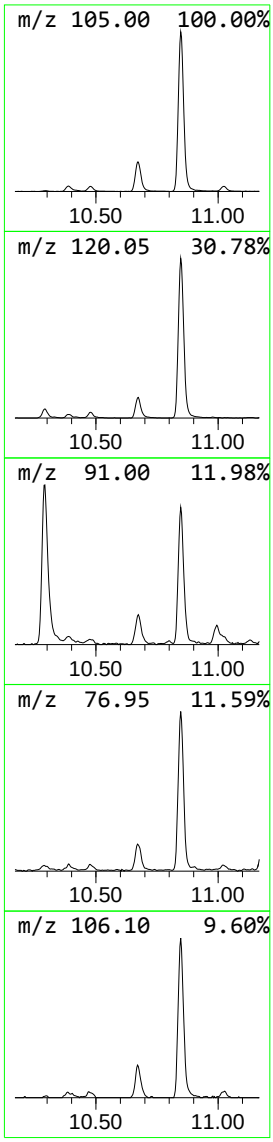
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	0.84 ug/L	155365	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

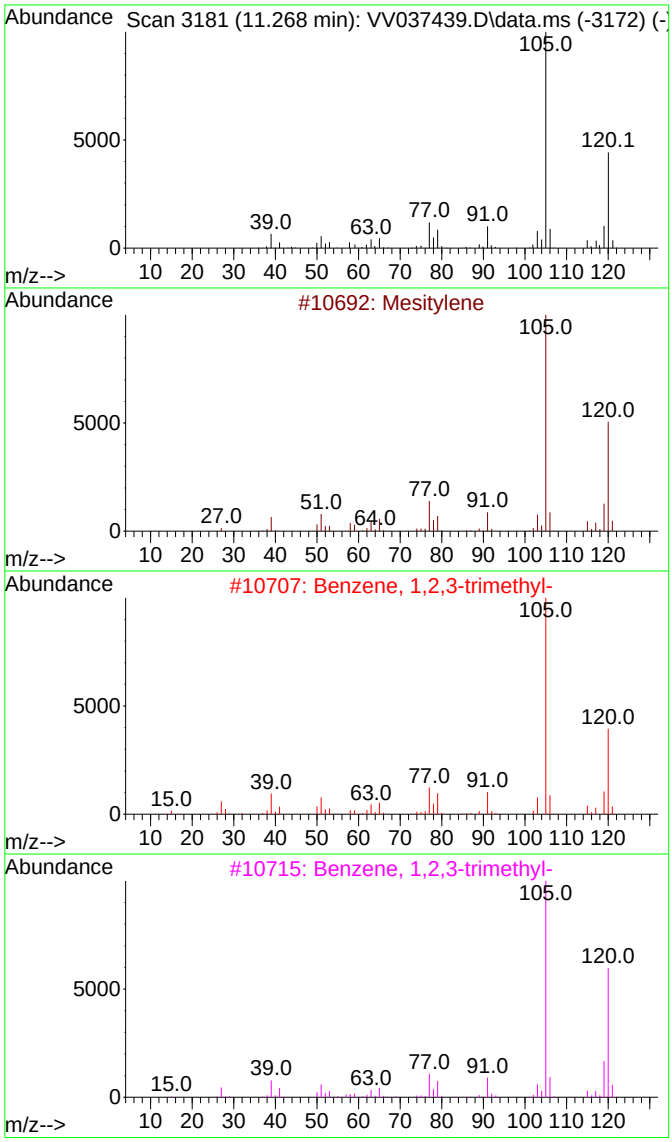
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

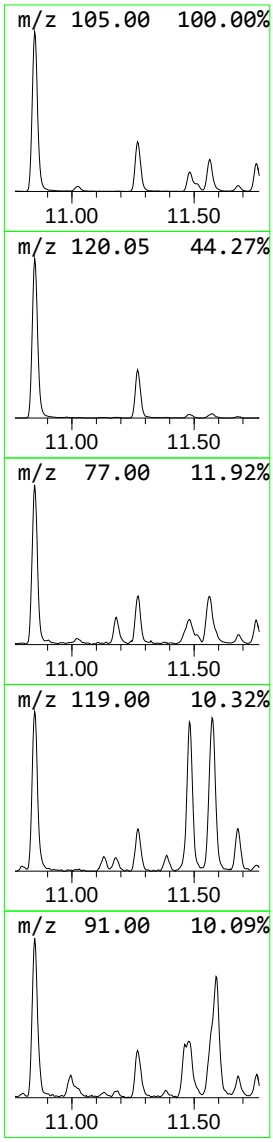
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	1.39 ug/L	258352	1,4-Dichlorobenzene-d4	11.181

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

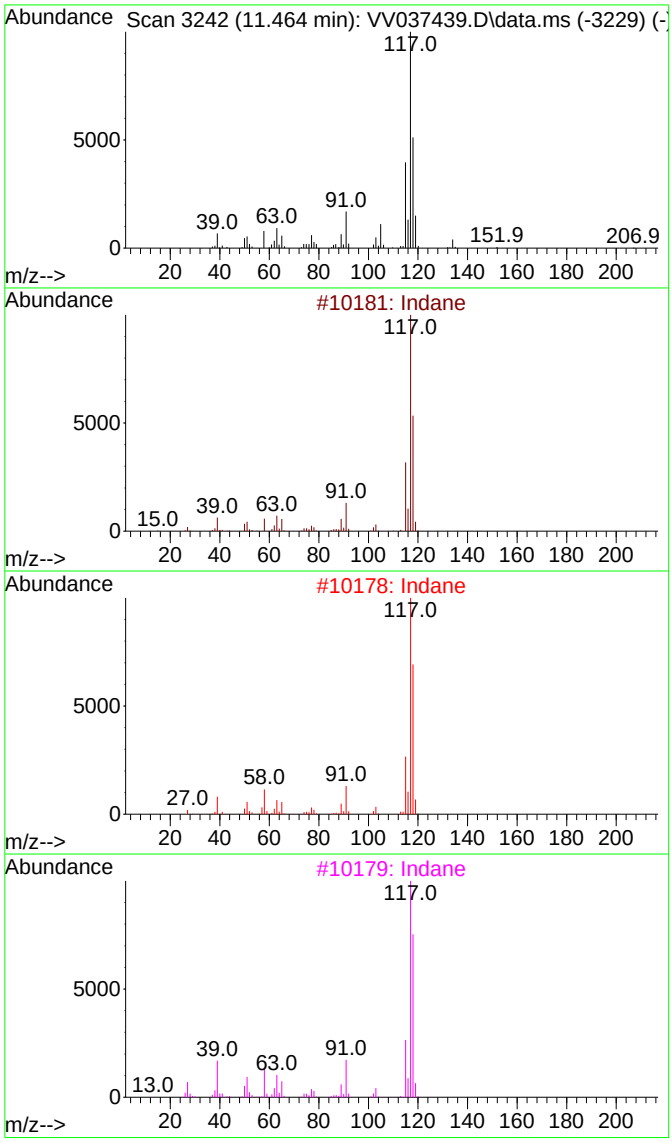
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

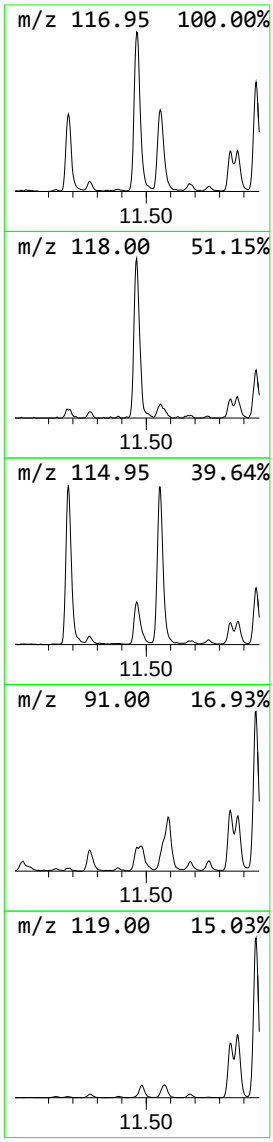
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.464	0.85 ug/L	157735	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	92
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

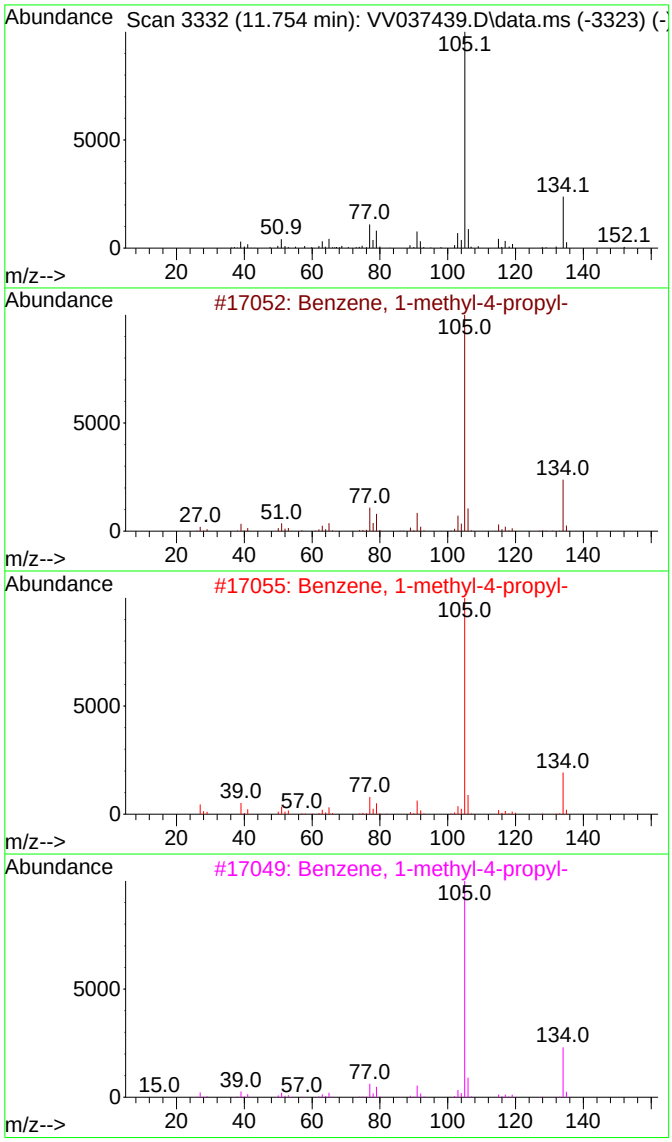
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

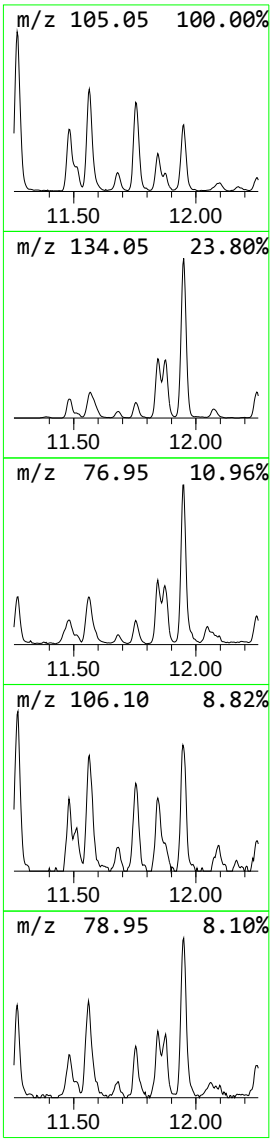
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.754	0.68 ug/L	125808	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

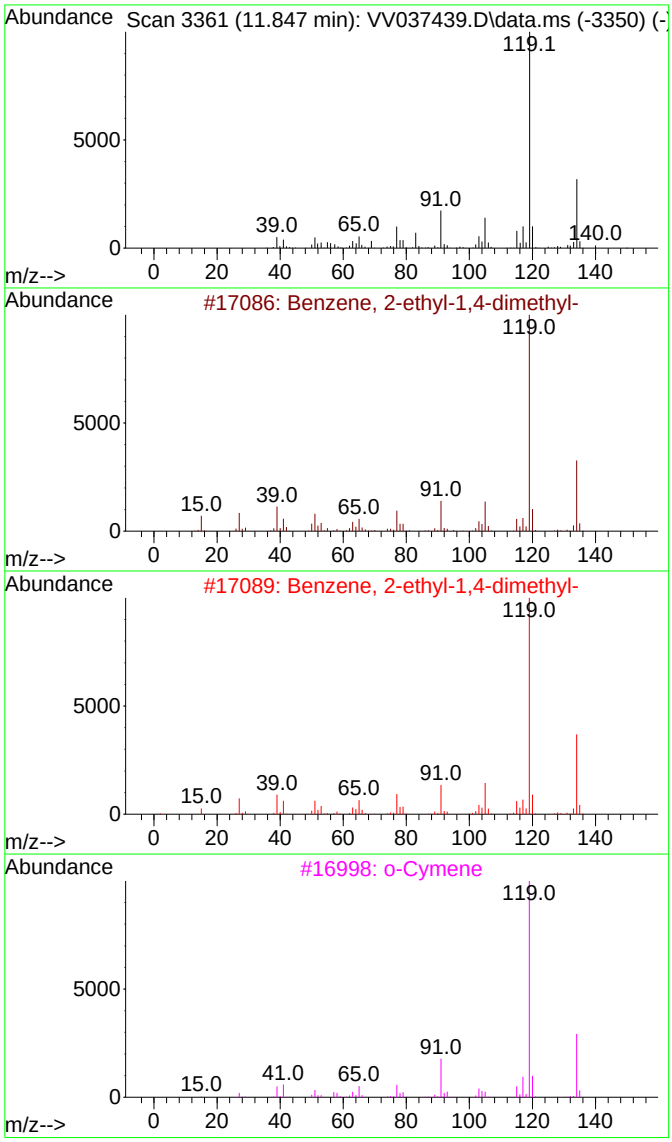
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

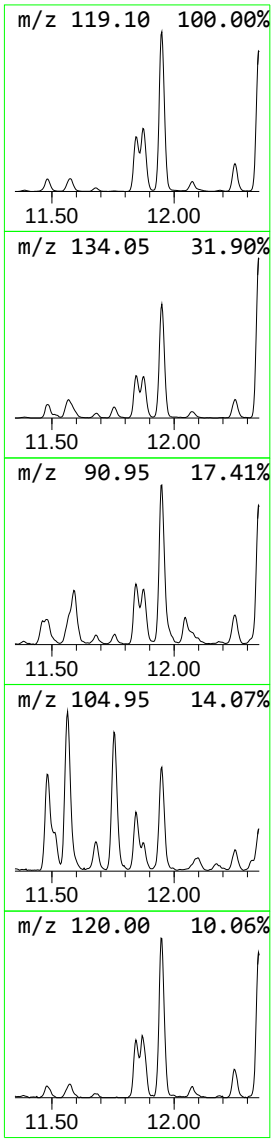
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.847	2.46 ug/L	455284	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

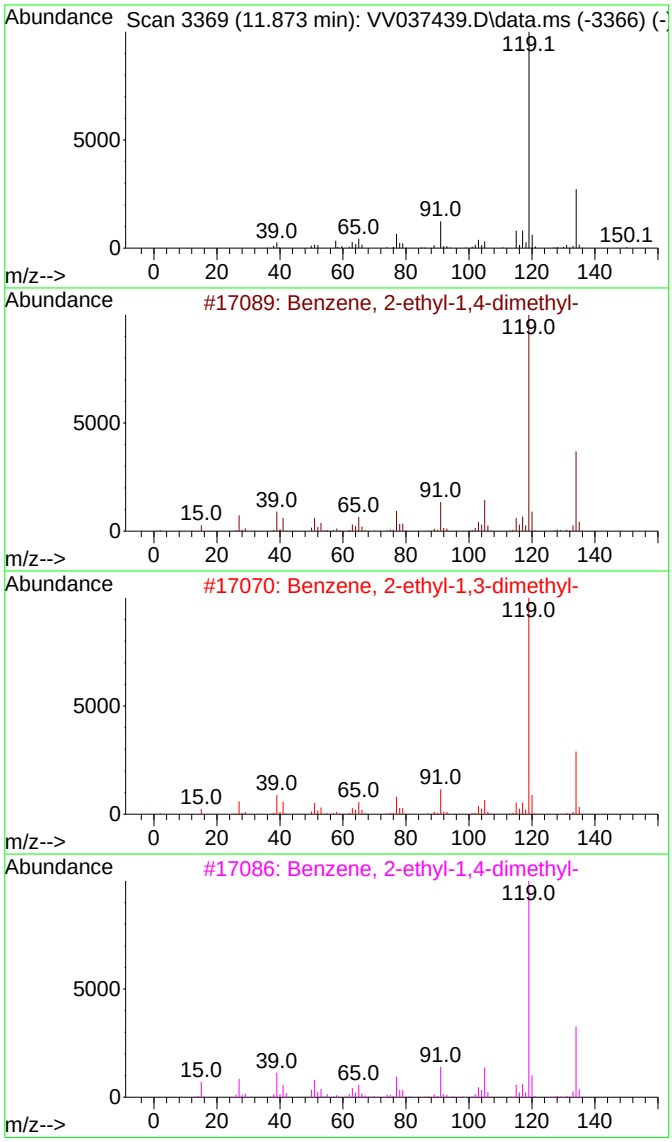
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

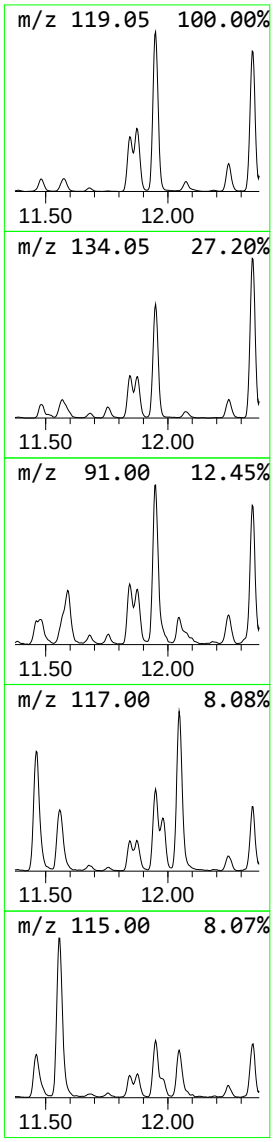
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	2.12 ug/L	393631	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
4	o-Cymene	134	C10H14	000527-84-4	86
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

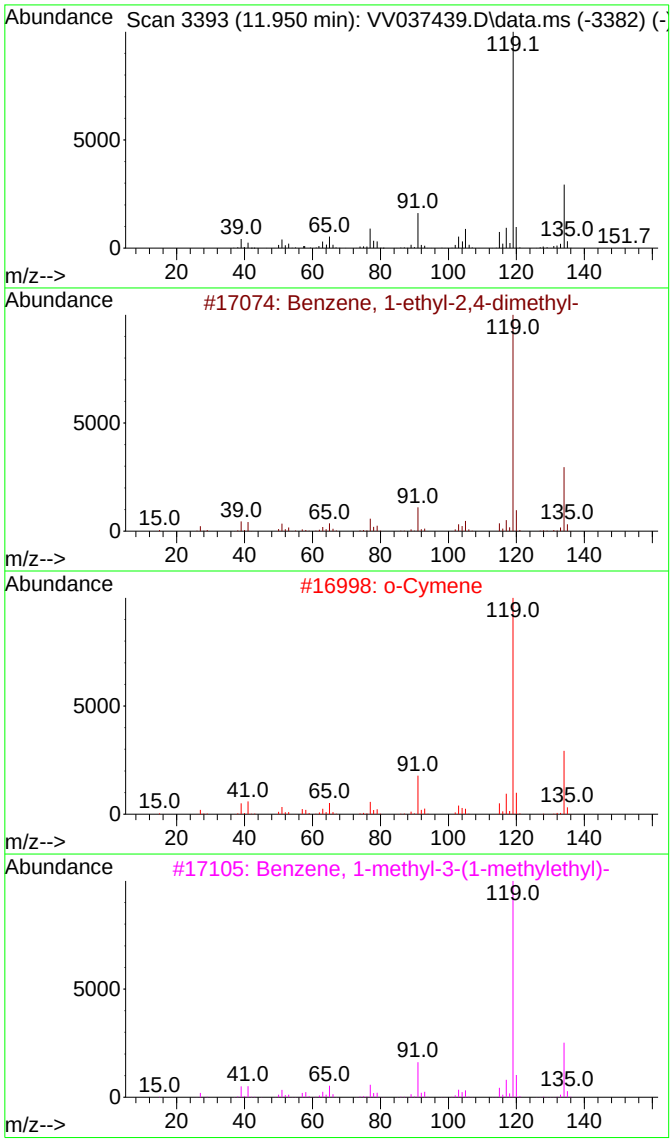
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

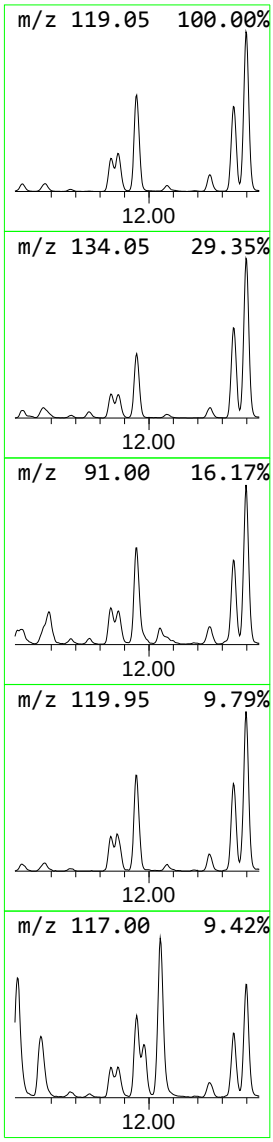
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.950	6.38 ug/L	1182370	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

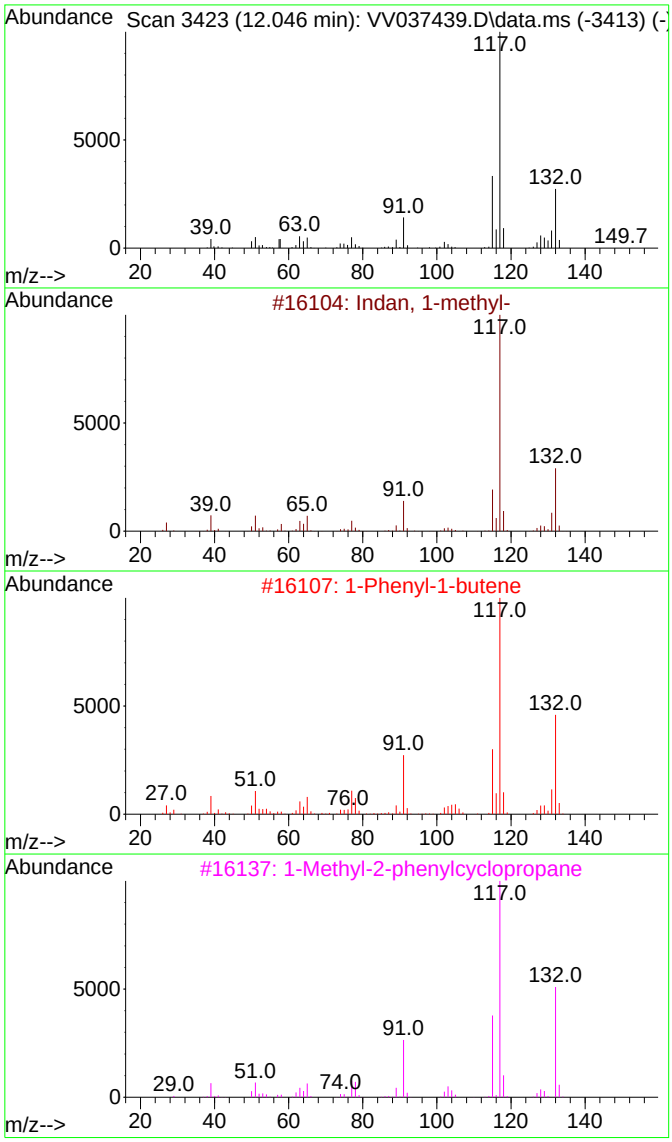
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

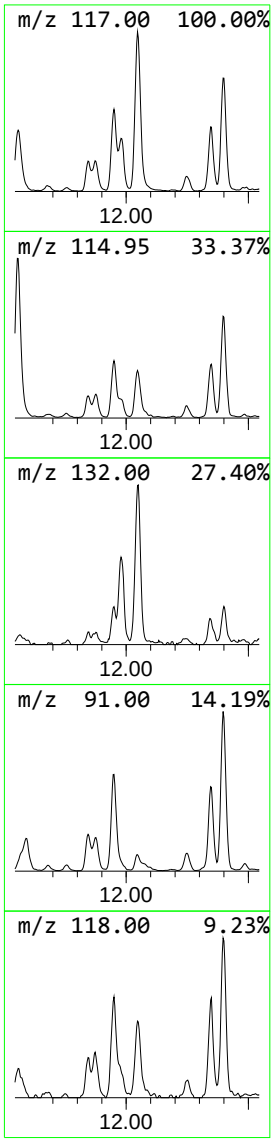
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.046	1.71 ug/L	317417	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

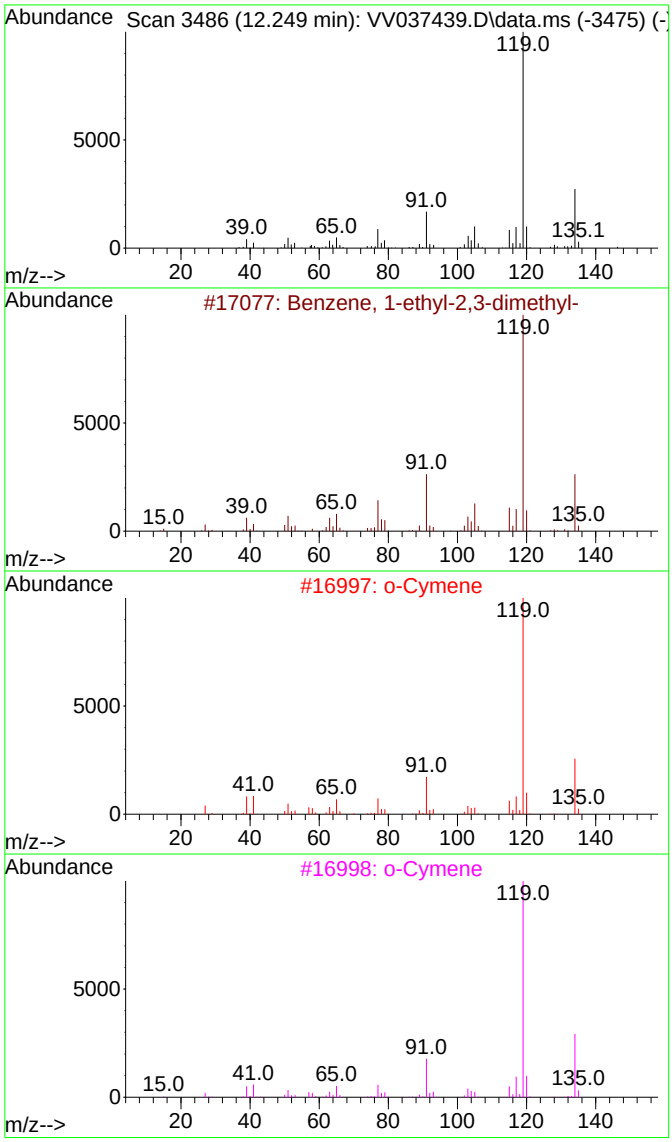
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

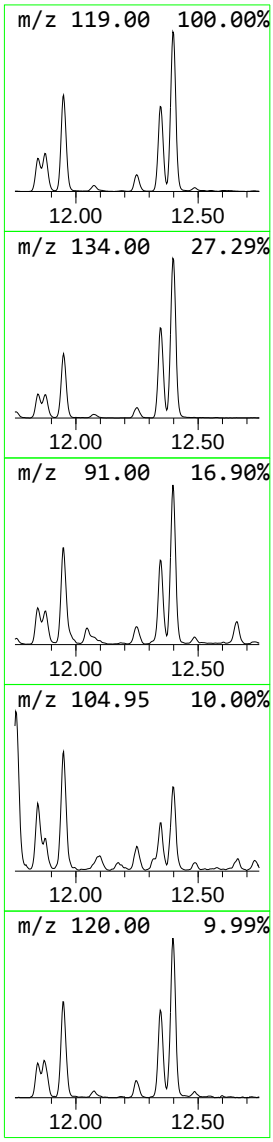
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	1.08 ug/L	200482	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

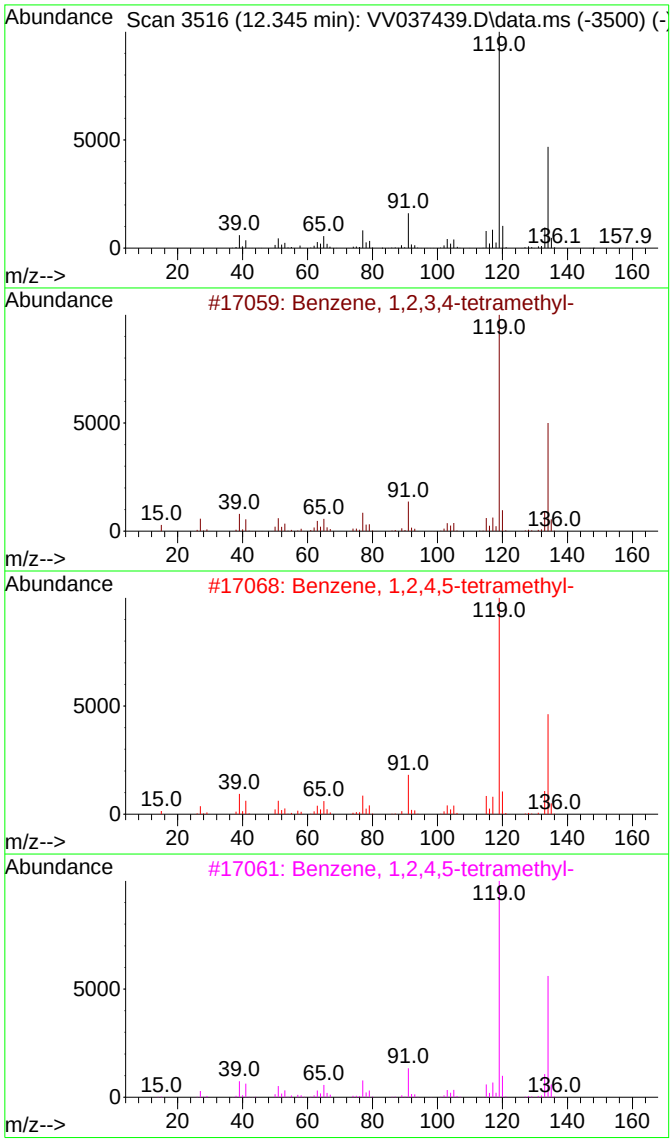
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

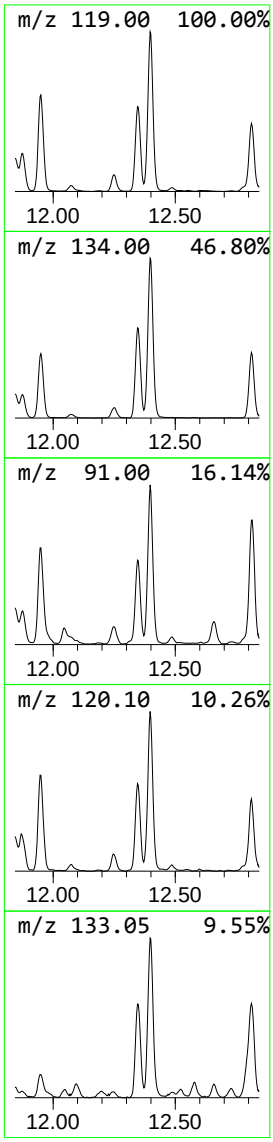
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	5.56 ug/L	1030310	1,4-Dichlorobenzene-d4	11.181

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

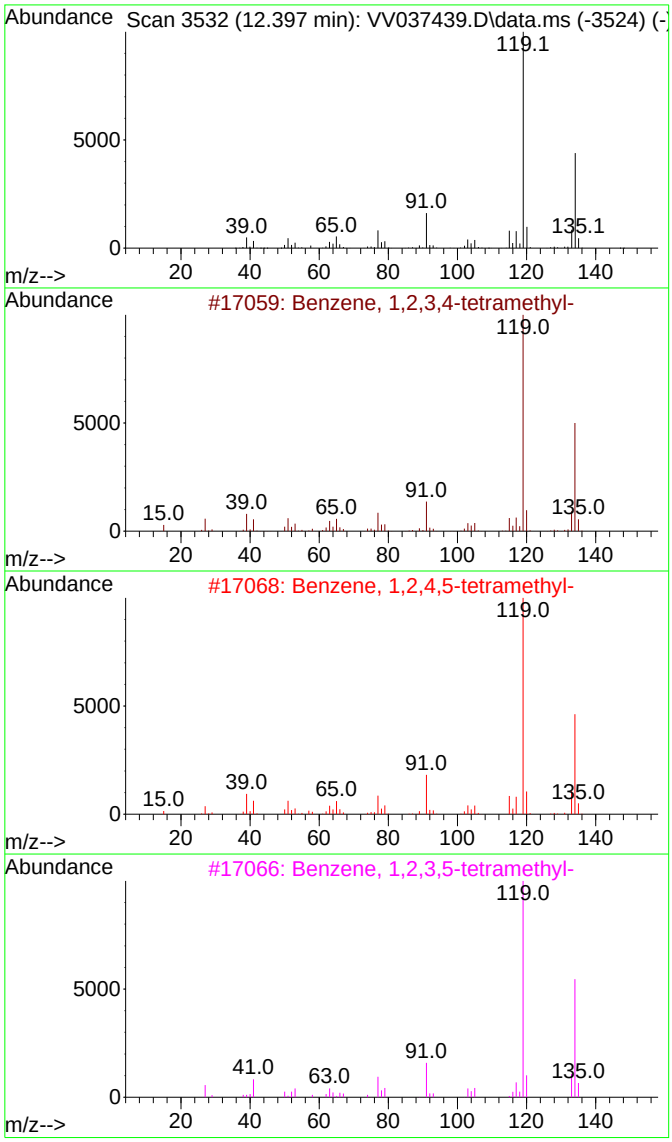
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

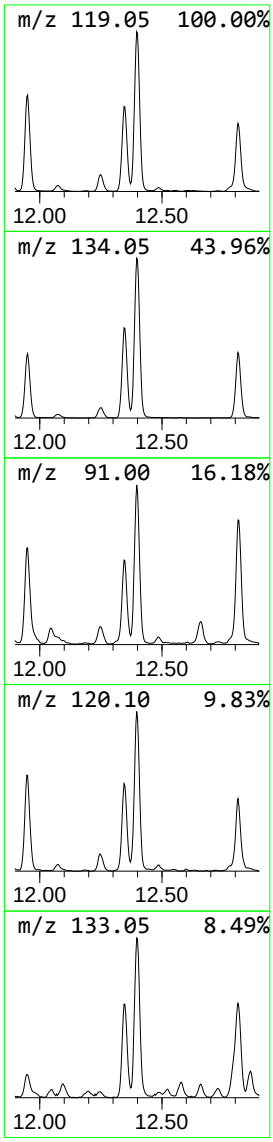
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	10.10 ug/L	1872580	1,4-Dichlorobenzene-d4	11.181

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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

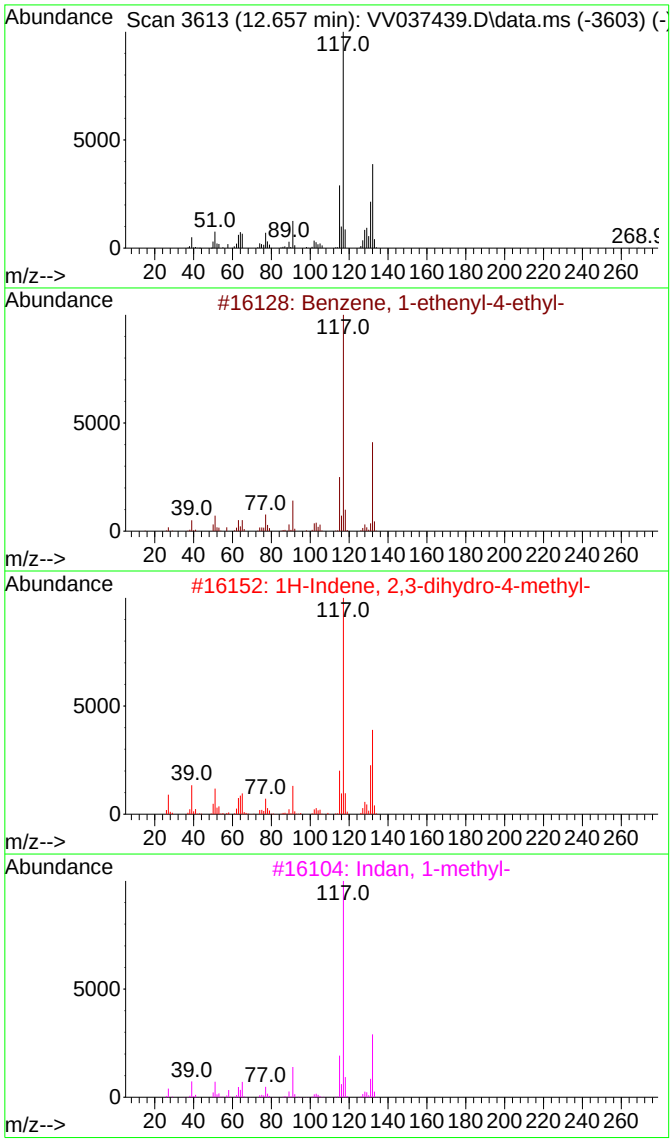
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

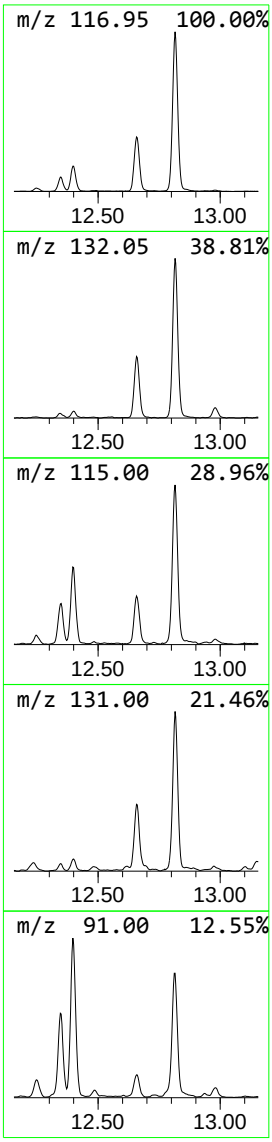
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	2.19 ug/L	406203	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

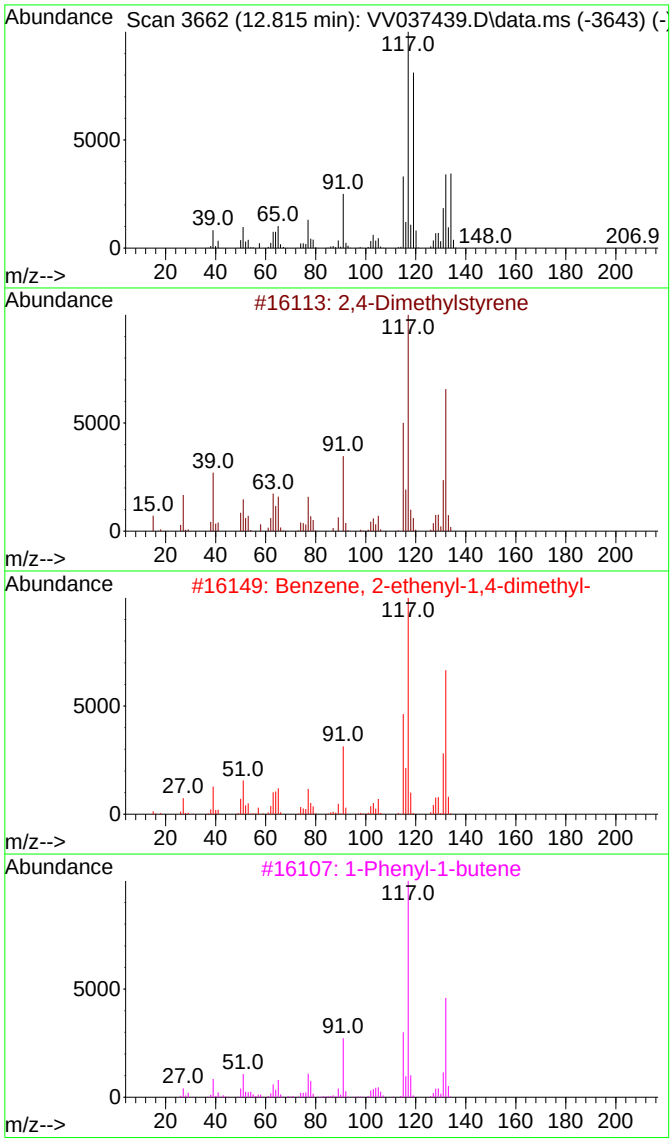
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

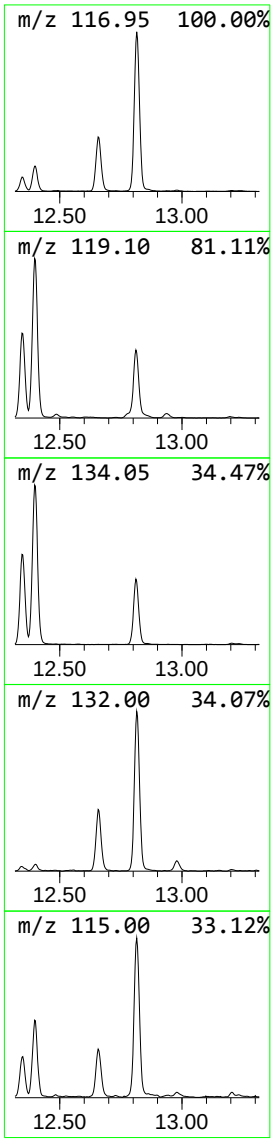
****

Peak Number 16 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.815	10.29 ug/L	1908940	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

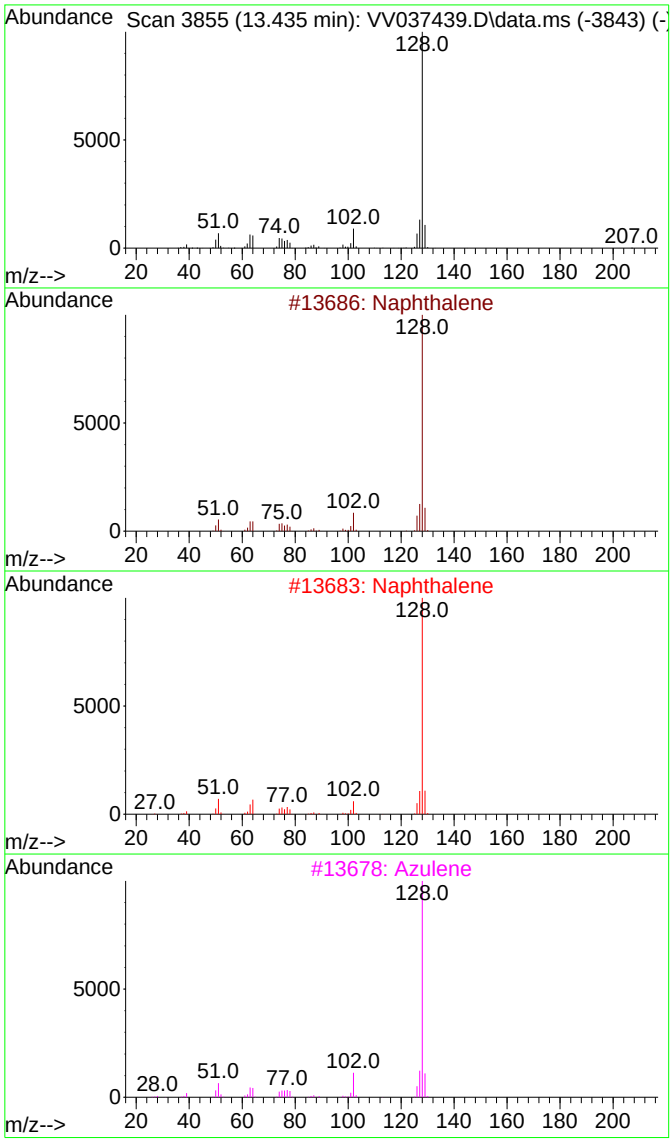
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

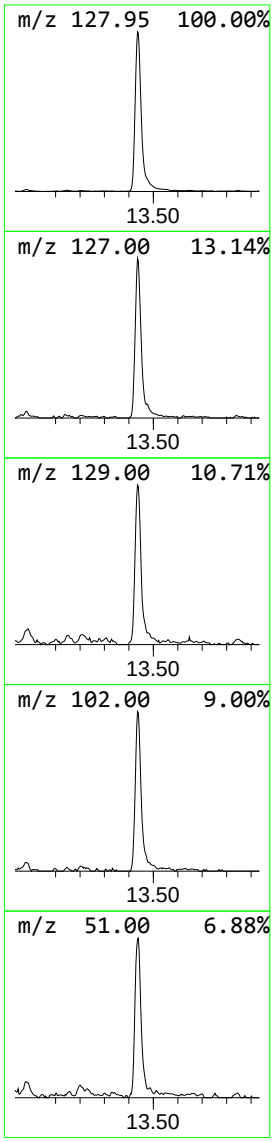
****

Peak Number 17 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	2.99 ug/L	555383	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037439.D
Acq On : 20 Sep 2024 17:51
Operator : SY/MD
Sample : P4081-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
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
Diisopropyl ether	3.207	1.8	ug/L	253157	1	5.532	708755	5.0
Benzene, propyl-	10.291	0.6	ug/L	106965	3	11.181	927220	5.0
Benzene, 1-ethy...	10.670	0.8	ug/L	155365	3	11.181	927220	5.0
Benzene, 1,2,3-...	11.268	1.4	ug/L	258352	3	11.181	927220	5.0
Indane	11.464	0.8	ug/L	157735	3	11.181	927220	5.0
Benzene, 1-meth...	11.754	0.7	ug/L	125808	3	11.181	927220	5.0
Benzene, 2-ethy...	11.847	2.5	ug/L	455284	3	11.181	927220	5.0
Benzene, 2-ethy...	11.873	2.1	ug/L	393631	3	11.181	927220	5.0
Benzene, 1-ethy...	11.950	6.4	ug/L	1182370	3	11.181	927220	5.0
Indan, 1-methyl-	12.046	1.7	ug/L	317417	3	11.181	927220	5.0
Benzene, 1-ethy...	12.249	1.1	ug/L	200482	3	11.181	927220	5.0
Benzene, 1,2,3,...	12.345	5.6	ug/L	1030310	3	11.181	927220	5.0
Benzene, 1,2,4,...	12.397	10.1	ug/L	1872580	3	11.181	927220	5.0
Benzene, 1-ethe...	12.657	2.2	ug/L	406203	3	11.181	927220	5.0
2,4-Dimethylsty...	12.815	10.3	ug/L	1908940	3	11.181	927220	5.0
Azulene	13.435	3.0	ug/L	555383	3	11.181	927220	5.0