LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

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\SFAMVTR032323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV030309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	11	15	20	rVB2	10490	9217	1.05%	0.132%
2	1.281	66	75	87	rVB	72746	85621	9.72%	1.230%
3	1.535	147	154	165	rBV	60720	71161	8.08%	1.022%
4	1.915	264	272	282	rVB3	10034	16225	1.84%	0.233%
5	2.063	308	318	335	rBV	125015	182894	20.77%	2.628%
6	3.838	857	870	897	rBV	39875	180965	20.55%	2.600%
7	4.265	987	1003	1024	rBV2	92514	236540	26.86%	3.398%
8	4.590	1091	1104	1117	rBV2	6397	15964	1.81%	0.229%
9	4.969	1205	1222	1251	rBV3	202004	530796	60.28%	7.626%
10	5.545	1386	1401	1424	rBV	200035	417186	47.38%	5.994%
11	5.998	1526	1542	1560	rBV	122873	267110	30.33%	3.838%
12	6.924	1820	1830	1845	rBV2	50484	95616	10.86%	1.374%
13	7.252	1920	1932	1949	rBV	223535	396054	44.98%	5.690%
14	7.564	2017	2029	2045	rBV2	30529	62238	7.07%	0.894%
15	8.037	2165	2176	2211	rBV	230313	481235	54.65%	6.914%
16	8.796	2400	2412	2414	rBV	321437	422589	47.99%	6.071%
17	8.821	2415	2420	2450	rVB	533341	880567	100.00%	12.651%
18	9.490	2620	2628	2637	rBV9	5680	8868	1.01%	0.127%
19	9.876	2737	2748	2762	rBV2	25593	45900	5.21%	0.659%
20	10.162	2826	2837	2852	rBV	92037	155306	17.64%	2.231%
21	10.339	2882	2892	2898	rBV4	9646	12989	1.48%	0.187%
22	10.680	2989	2998	3007	rBV6	8452	13648	1.55%	0.196%
23	10.808	3032	3038	3047	rBV7	6595	10344	1.17%	0.149%
24	11.001	3091	3098	3102	rBV2	11242	16068	1.82%	0.231%
25	11.033	3103	3108	3119	rVB	19354	29361	3.33%	0.422%
26	11.194	3147	3158	3180	rVV2	310062	559002	63.48%	8.031%
27	11.400	3215	3222	3233	rVB2	12841	19329	2.20%	0.278%
28	11.474	3233	3245	3261	rBV2	105012	237021	26.92%	3.405%
29	11.570	3262	3275	3294	rVB	252951	432875	49.16%	6.219%
30	11.693	3304	3313	3322	rVB3	19240	28398	3.22%	0.408%
31	11.963	3387	3397	3415	rBV2	92963	174737	19.84%	2.510%
32	12.062	3417	3428	3433	rBV	53061	87930	9.99%	1.263%
33	12.246	3478	3485	3494	rVB3	11813	17611	2.00%	0.253%
34	12.361	3497	3521	3532	rVV	191393	301101	34.19%	4.326%
35	12.416	3532	3538	3552	rVV6	9202	18830	2.14%	0.271%
36	12.500	3555	3564	3574	rVB3	21173	32964	3.74%	0.474%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : O2041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

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\SFAMVTR032323WMA.M
Title : TRACE VOA SFAM1.0

37	12.593	3585	3593	3598	rBV3	10336	16157	1.83%	0.232%
38	12.673	3608	3618	3634	rVB	69965	120013	13.63%	1.724%
39	12.831	3650	3667	3677	rBV	89903	161478	18.34%	2.320%
40	12.950	3696	3704	3712	rBV	15422	22941	2.61%	0.330%
41	13.114	3747	3755	3764	rBV	5844	11564	1.31%	0.166%
42	13.162	3764	3770	3778	rVB2	8313	11959	1.36%	0.172%
43	13.220	3778	3788	3796	rBV	30438	48159	5.47%	0.692%
44	13.349	3823	3828	3838	rVB4	10478	13894	1.58%	0.200%

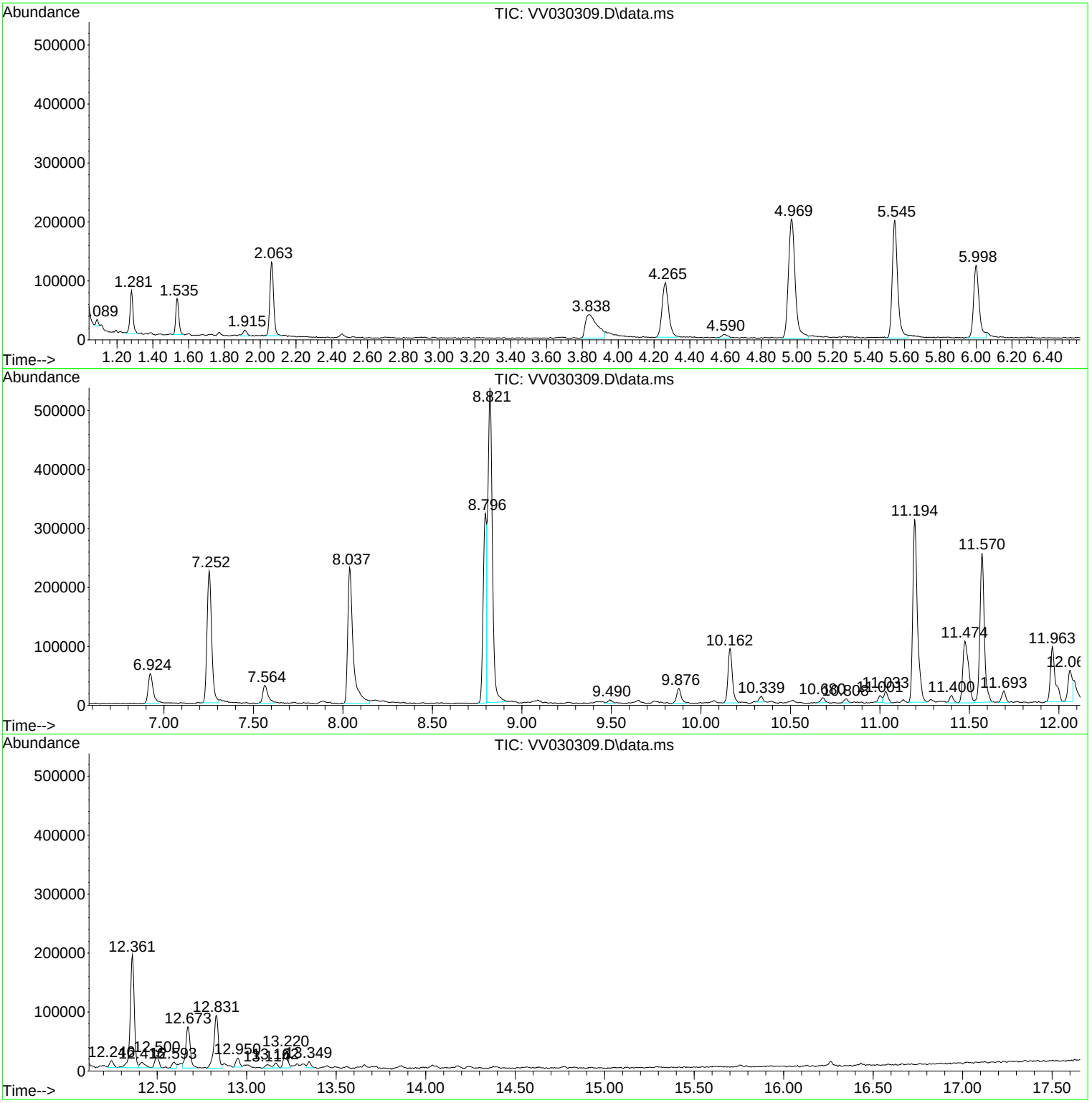
Sum of corrected areas: 6960425

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.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\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

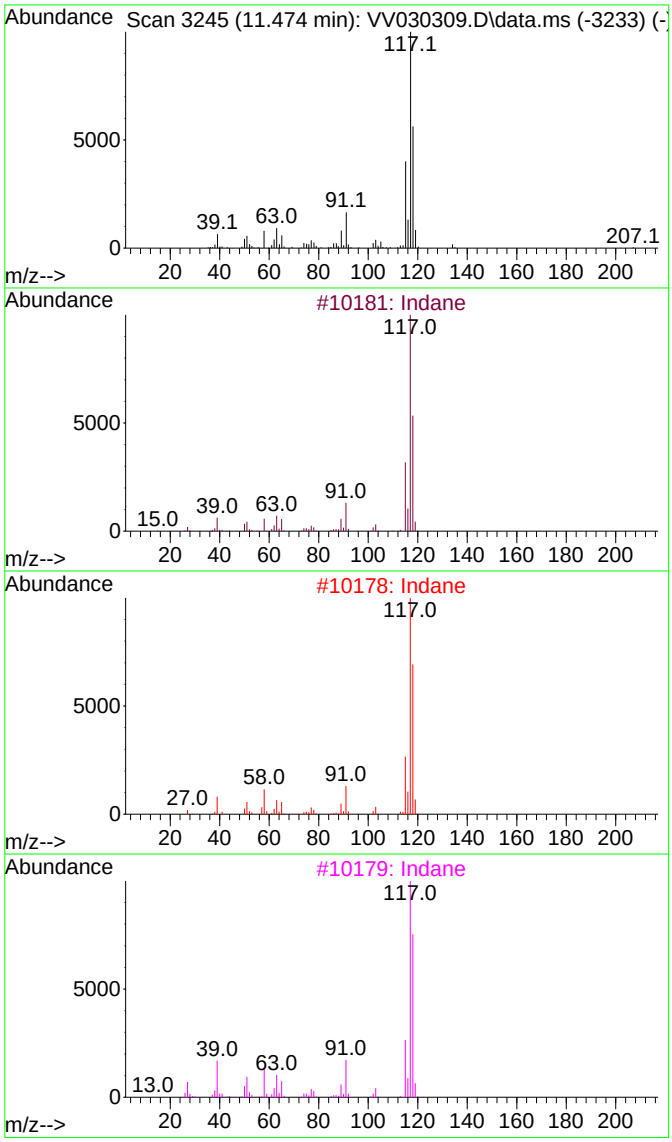
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

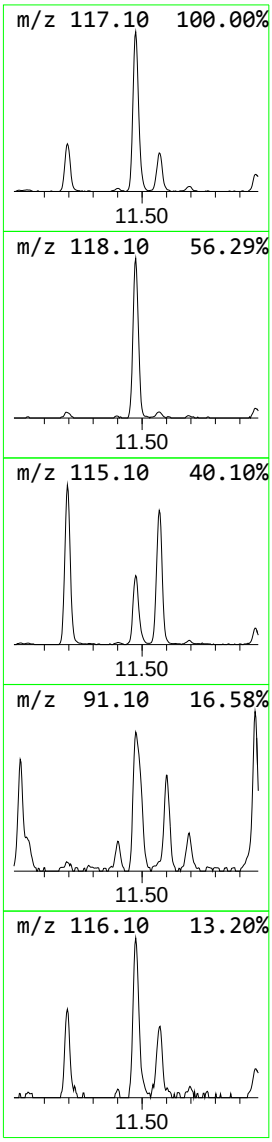
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.474	2.12 ug/L	237021	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

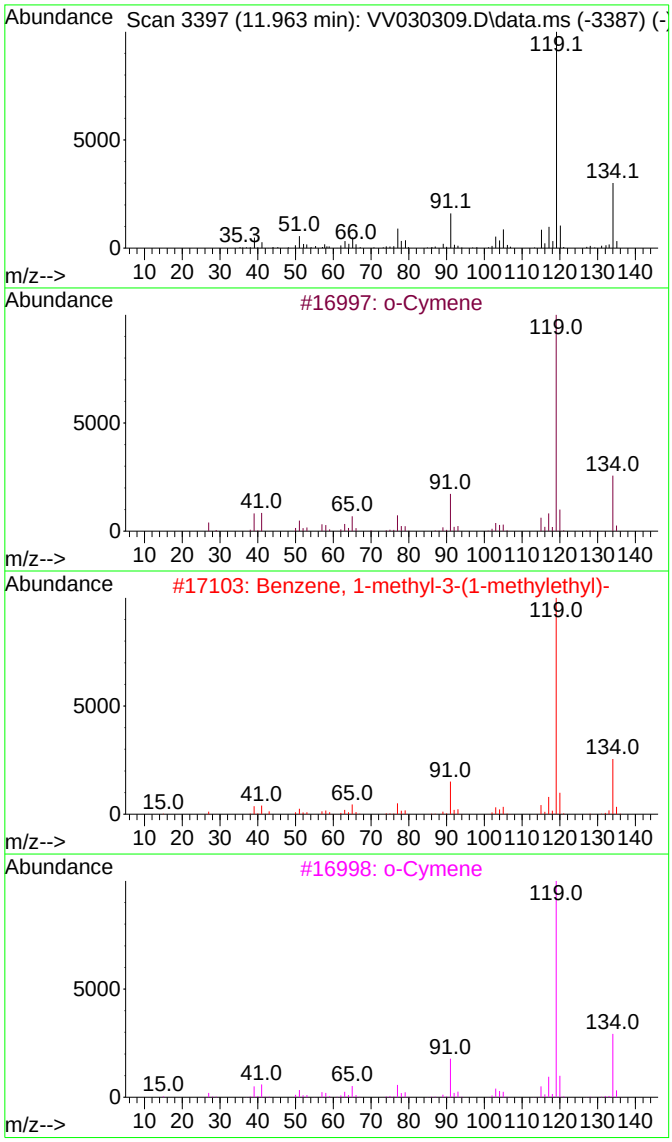
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

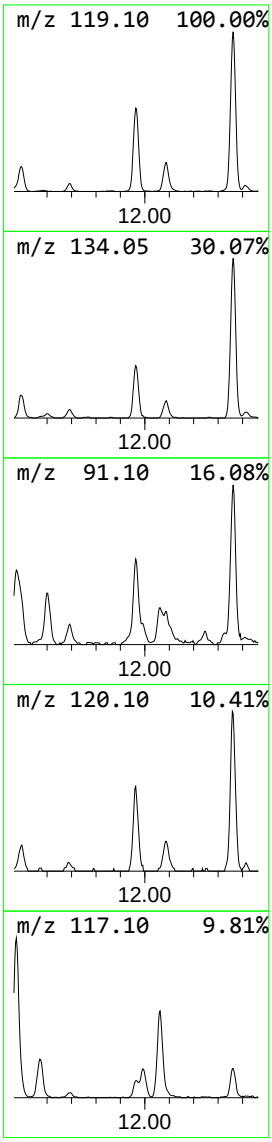
****

Peak Number 3 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	1.56 ug/L	174737	1,4-Dichlorobenzene-d4	11.194

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

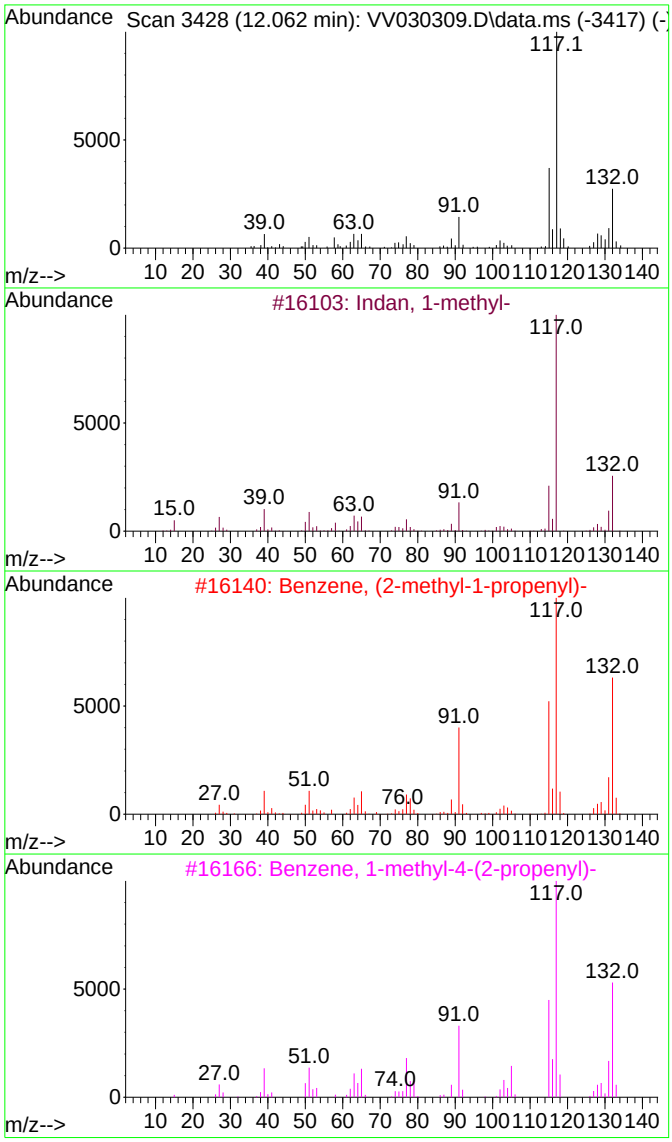
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

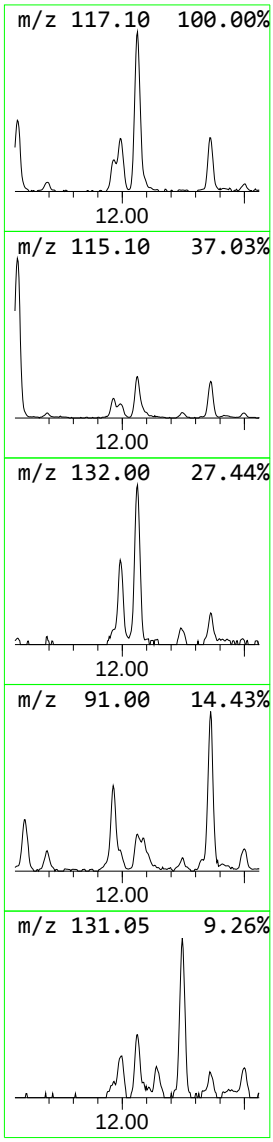
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	0.79 ug/L	87930	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

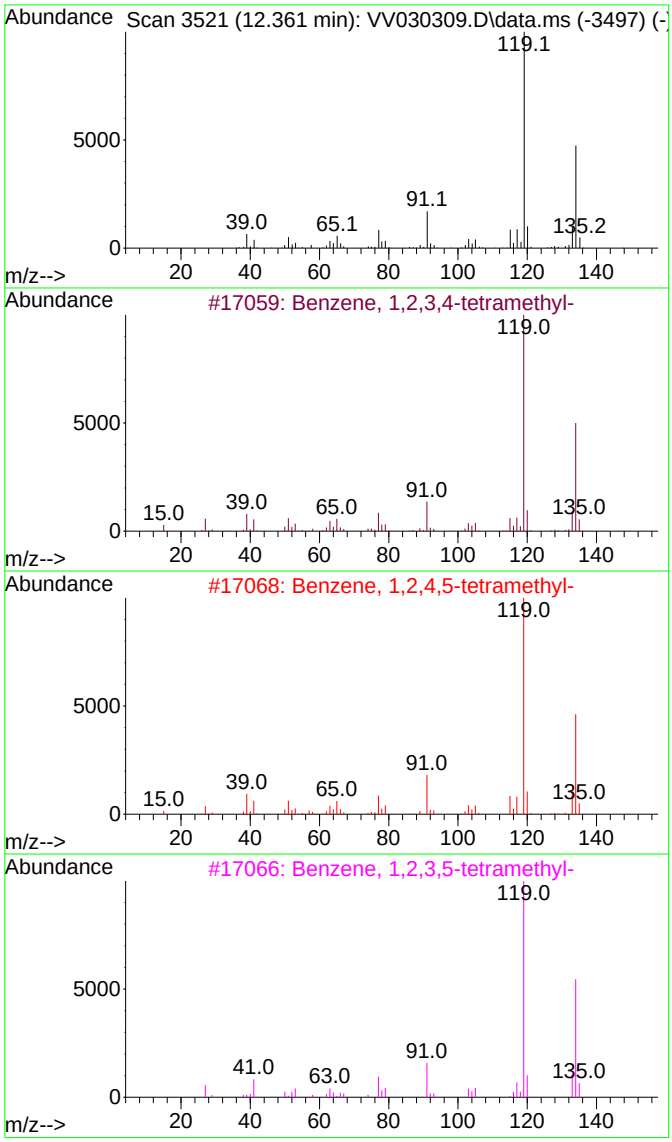
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

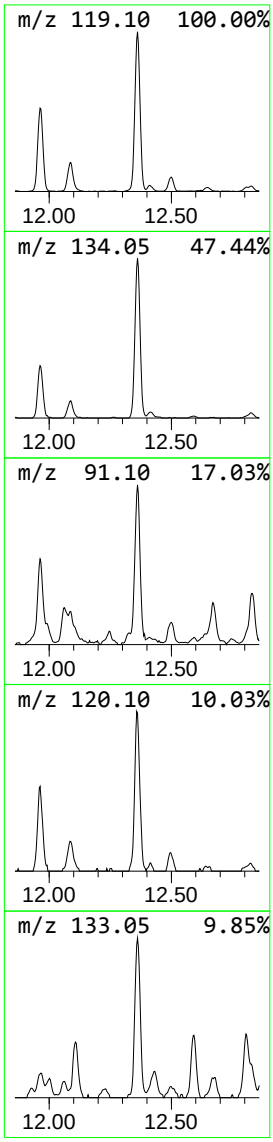
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	2.69 ug/L	301101	1,4-Dichlorobenzene-d4	11.194

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	96
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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

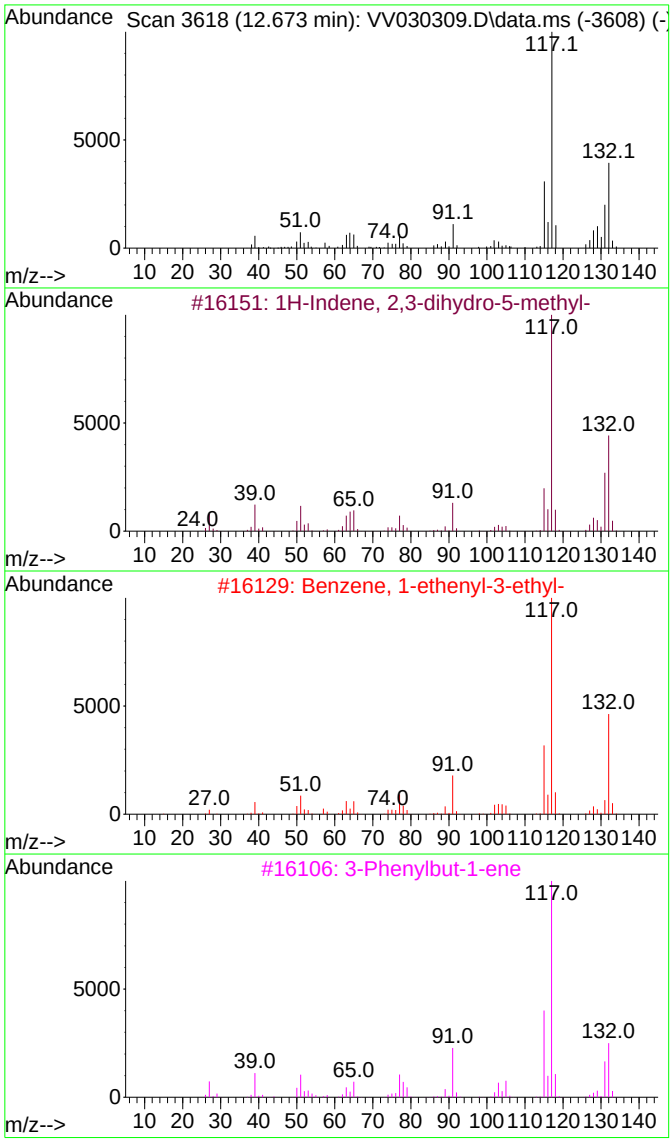
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

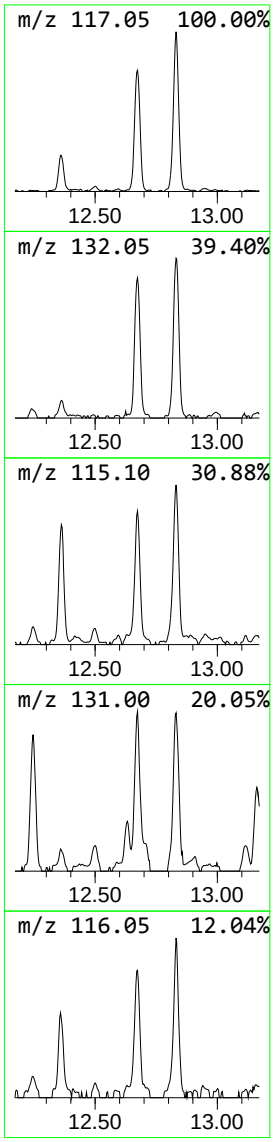
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.673	1.07 ug/L	120013	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83





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Data File : VV030309.D
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Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

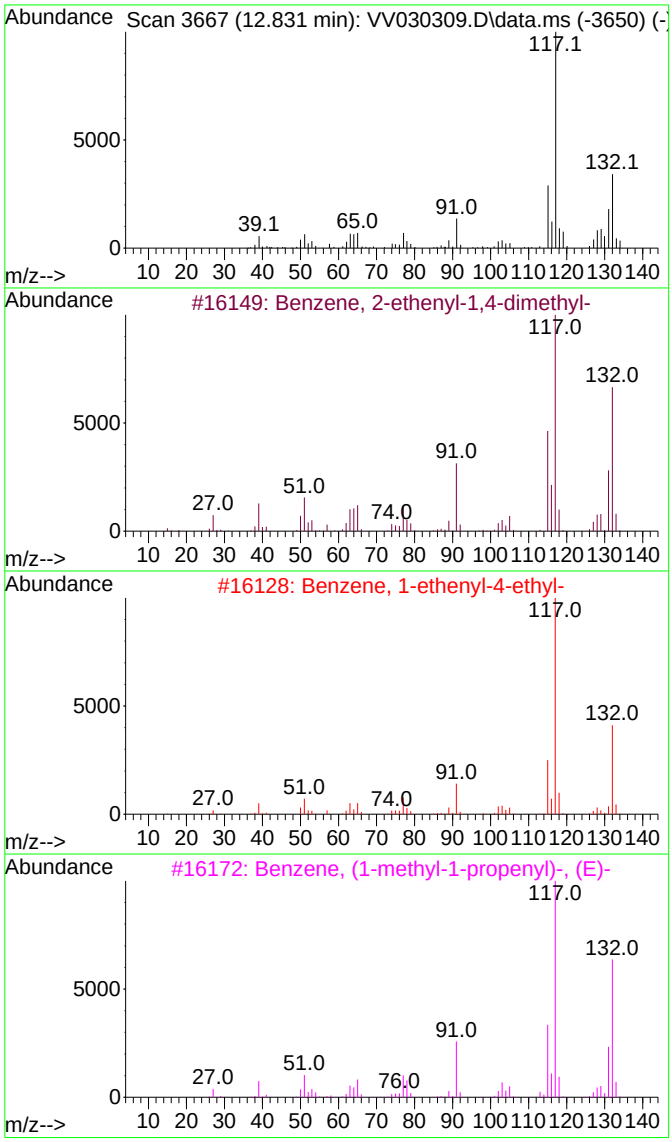
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

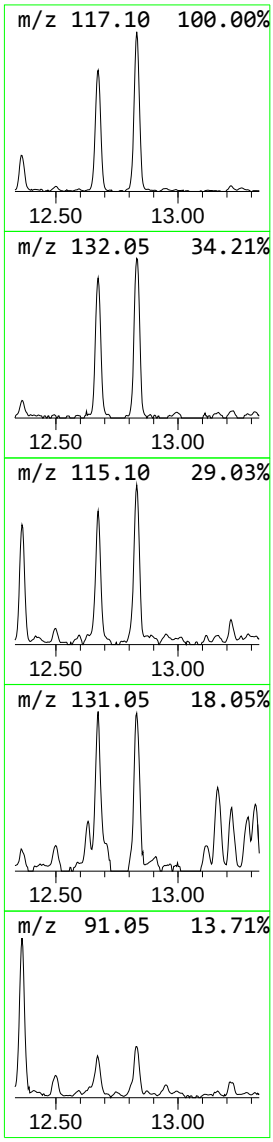
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	1.44 ug/L	161478	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
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MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.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
Indane	11.474	2.1	ug/L	237021	3	11.194	559002	5.0
o-Cymene	11.963	1.6	ug/L	174737	3	11.194	559002	5.0
Indan, 1-methyl-	12.062	0.8	ug/L	87930	3	11.194	559002	5.0
Benzene, 1,2,3,...	12.361	2.7	ug/L	301101	3	11.194	559002	5.0
1H-Indene, 2,3-...	12.673	1.1	ug/L	120013	3	11.194	559002	5.0
Benzene, 2-ethe...	12.831	1.4	ug/L	161478	3	11.194	559002	5.0