LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

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\SFAMVTR102723WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	20	rBV	28138	26709	2.01%	0.253%
2	1.275	67	73	83	rBV	78357	84062	6.32%	0.796%
3	1.532	146	153	165	rVB	81552	93842	7.05%	0.889%
4	2.056	308	316	331	rVB	127482	185703	13.96%	1.759%
5	2.182	345	355	365	rBV3	17267	30771	2.31%	0.292%
6	3.825	856	866	892	rBV2	47773	202534	15.22%	1.919%
7	4.252	984	999	1022	rBV	95538	248033	18.64%	2.350%
8	4.368	1022	1035	1046	rBV2	11616	29166	2.19%	0.276%
9	4.960	1204	1219	1237	rBV2	225740	569606	42.81%	5.397%
10	5.047	1242	1246	1263	rVB7	17143	40412	3.04%	0.383%
11	5.535	1388	1398	1416	rBV	180664	387158	29.09%	3.668%
12	5.616	1416	1423	1436	rVB5	11441	29622	2.23%	0.281%
13	5.992	1524	1540	1553	rBV2	135447	287713	21.62%	2.726%
14	6.918	1819	1828	1846	rBV2	55687	116808	8.78%	1.107%
15	7.246	1919	1930	1954	rBV	244868	470893	35.39%	4.461%
16	7.561	2018	2028	2044	rBV2	32861	72493	5.45%	0.687%
17	7.879	2117	2127	2139	rBV2	18028	31313	2.35%	0.297%
18	8.030	2164	2174	2213	rBV	308860	705094	52.99%	6.680%
19	8.786	2399	2409	2429	rBV	310607	551087	41.41%	5.221%
20	8.950	2449	2460	2478	rBV	64671	110694	8.32%	1.049%
21	9.075	2488	2499	2520	rVB	132326	231378	17.39%	2.192%
22	9.870	2736	2746	2756	rBV	53740	87757	6.59%	0.831%
23	10.156	2823	2835	2851	rBV	124030	217108	16.32%	2.057%
24	10.294	2867	2878	2885	rBV	87327	143462	10.78%	1.359%
25	10.387	2897	2907	2925	rBV	338919	642935	48.32%	6.091%
26	10.477	2925	2935	2952	rVB	394093	597556	44.91%	5.662%
27	10.854	3042	3052	3072	rBV	328835	492554	37.02%	4.667%
28	11.030	3101	3107	3118	rVB	24558	38959	2.93%	0.369%
29	11.133	3127	3139	3146	rBV	67735	104158	7.83%	0.987%
30	11.188	3146	3156	3171	rVV	398753	633039	47.57%	5.998%
31	11.275	3171	3183	3205	rVB	884238	1330675	100.00%	12.607%
32	11.394	3212	3220	3228	rVB2	13738	20872	1.57%	0.198%
33	11.468	3232	3243	3252	rBV2	93817	186079	13.98%	1.763%
34	11.516	3253	3258	3264	rVV	83757	123418	9.27%	1.169%
35	11.564	3264	3273	3295	rVB4	359142	729659	54.83%	6.913%
36	11.686	3303	3311	3321	rVB6	15696	23781	1.79%	0.225%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : O4992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

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\SFAMVTR102723WMA.M
Title : TRACE VOA SFAM1.0

37	11.760	3325	3334	3350	rVB	47131	77617	5.83%	0.735%
38	11.853	3353	3363	3368	rBV	32557	52254	3.93%	0.495%
39	11.882	3368	3372	3382	rVB2	25456	34172	2.57%	0.324%
40	11.956	3384	3395	3402	rBV	66064	106446	8.00%	1.009%
41	12.056	3417	3426	3431	rBV	48104	78439	5.89%	0.743%
42	12.198	3459	3470	3477	rBV3	14119	22943	1.72%	0.217%
43	12.255	3477	3488	3501	rVB3	31676	62734	4.71%	0.594%
44	12.355	3512	3519	3527	rVV2	18189	26250	1.97%	0.249%
45	12.407	3527	3535	3550	rVB	40065	63289	4.76%	0.600%
46	12.821	3654	3664	3675	rBV2	46018	73103	5.49%	0.693%
47	12.988	3706	3716	3726	rVB8	10905	19334	1.45%	0.183%
48	13.445	3847	3858	3868	rBV	33925	60997	4.58%	0.578%

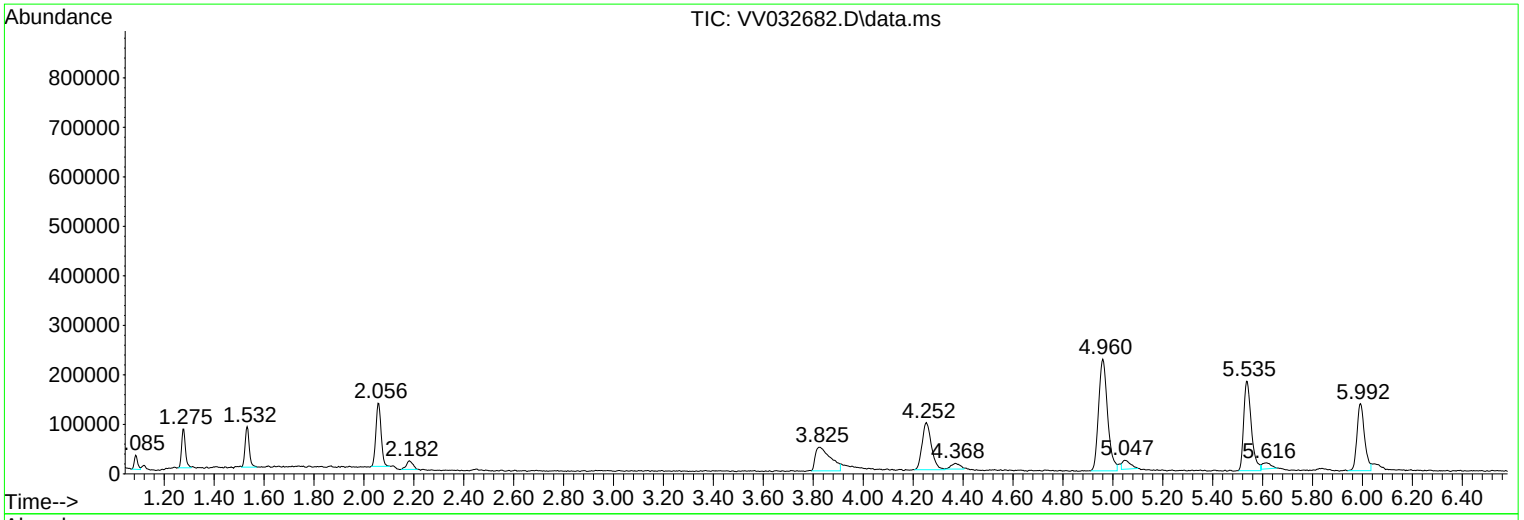
Sum of corrected areas: 10554681

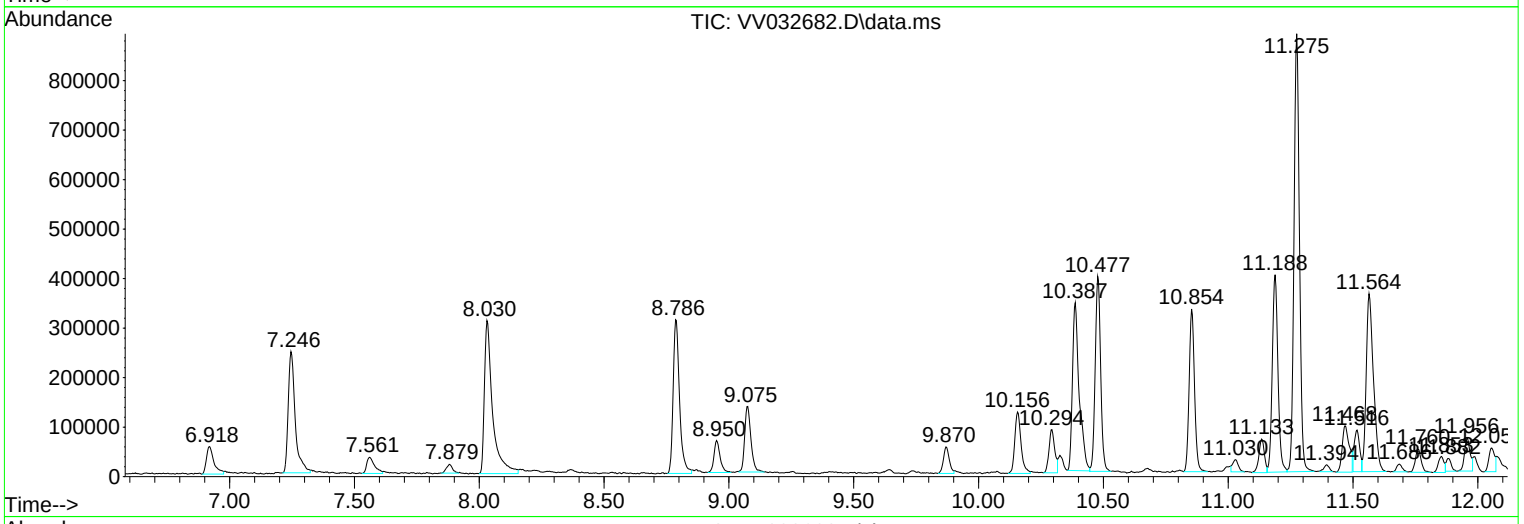
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

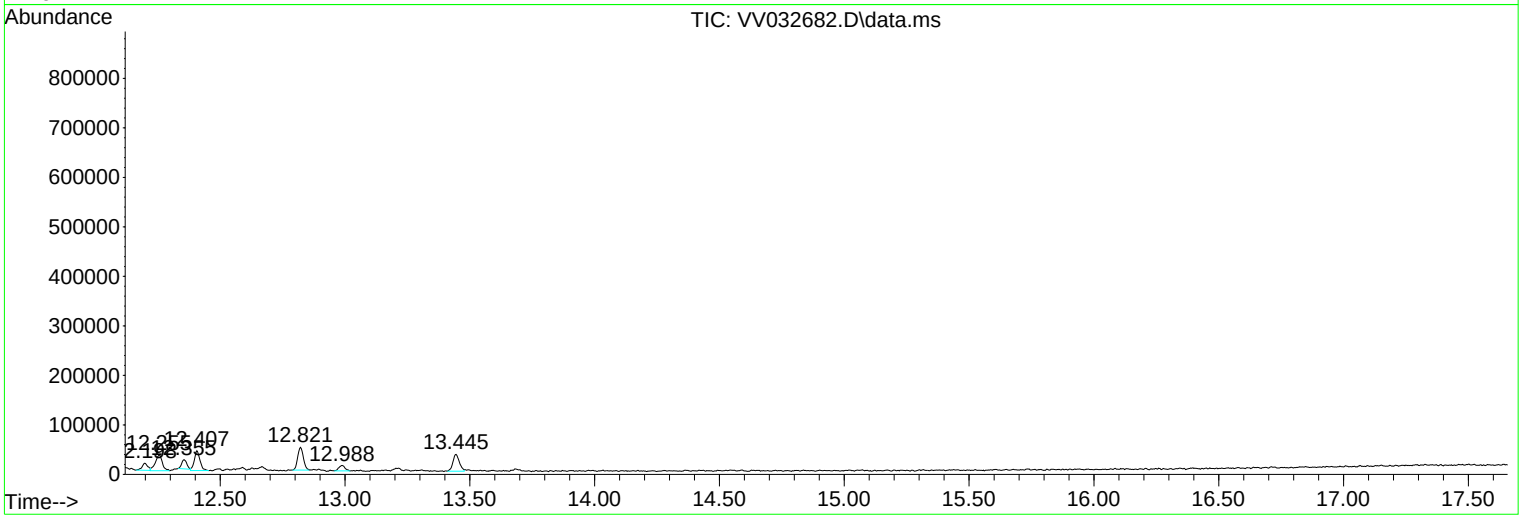
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.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\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

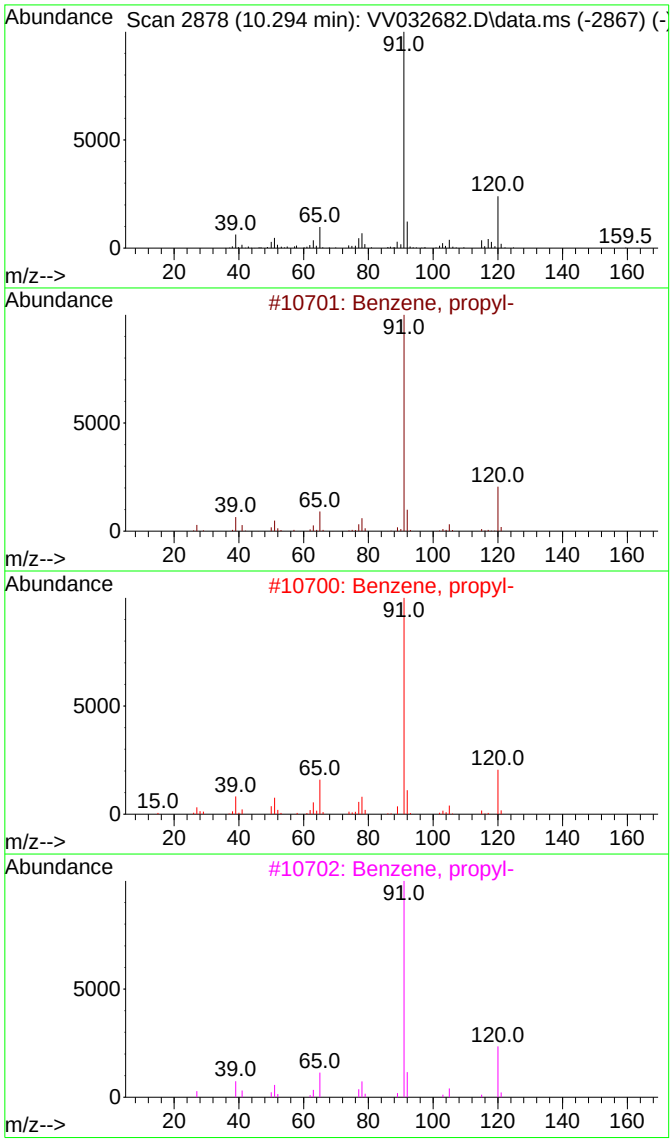
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

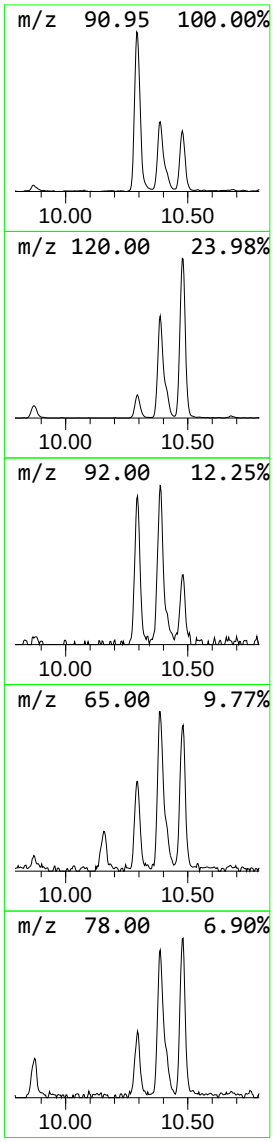
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.294	1.13 ug/L	143462	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	72
5	N-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

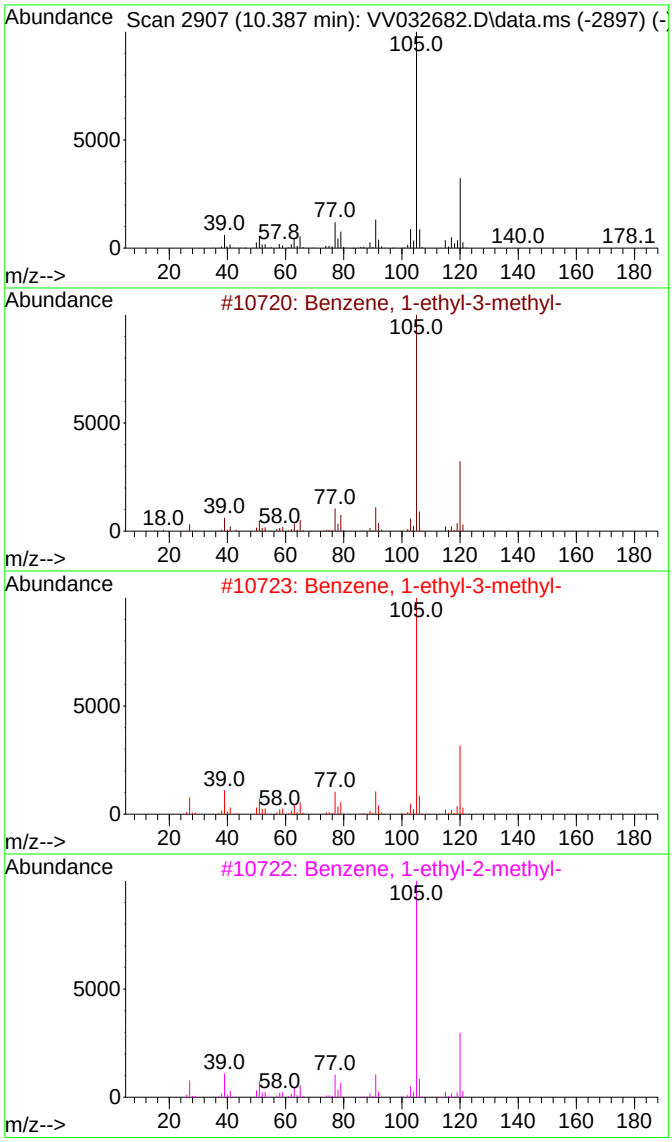
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

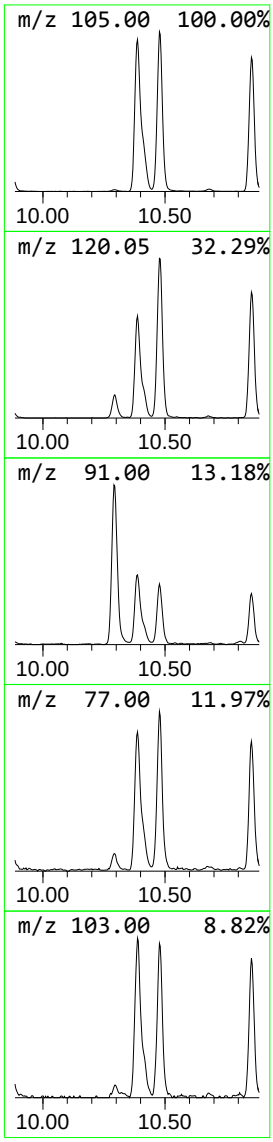
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	5.08 ug/L	642935	1,4-Dichlorobenzene-d4	11.188

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

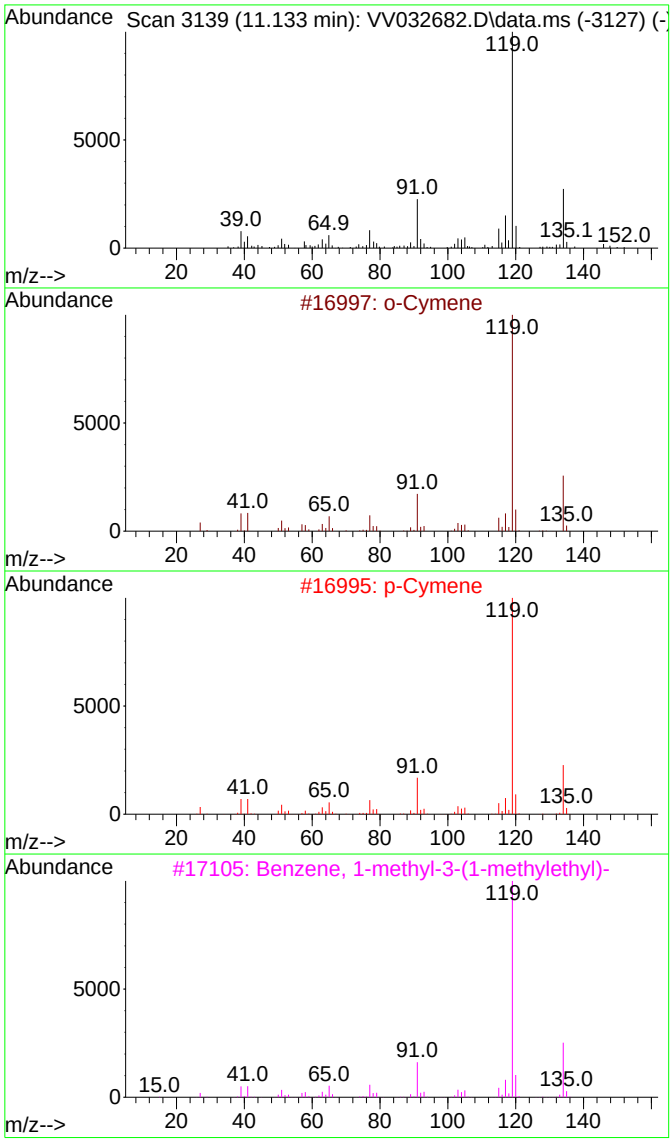
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

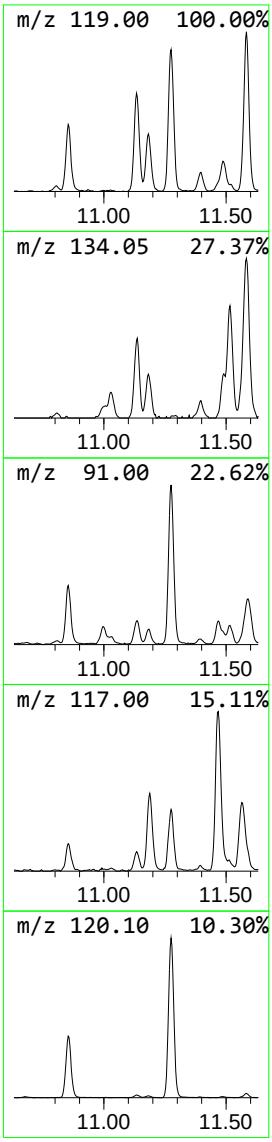
****

Peak Number 5 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	0.82 ug/L	104158	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

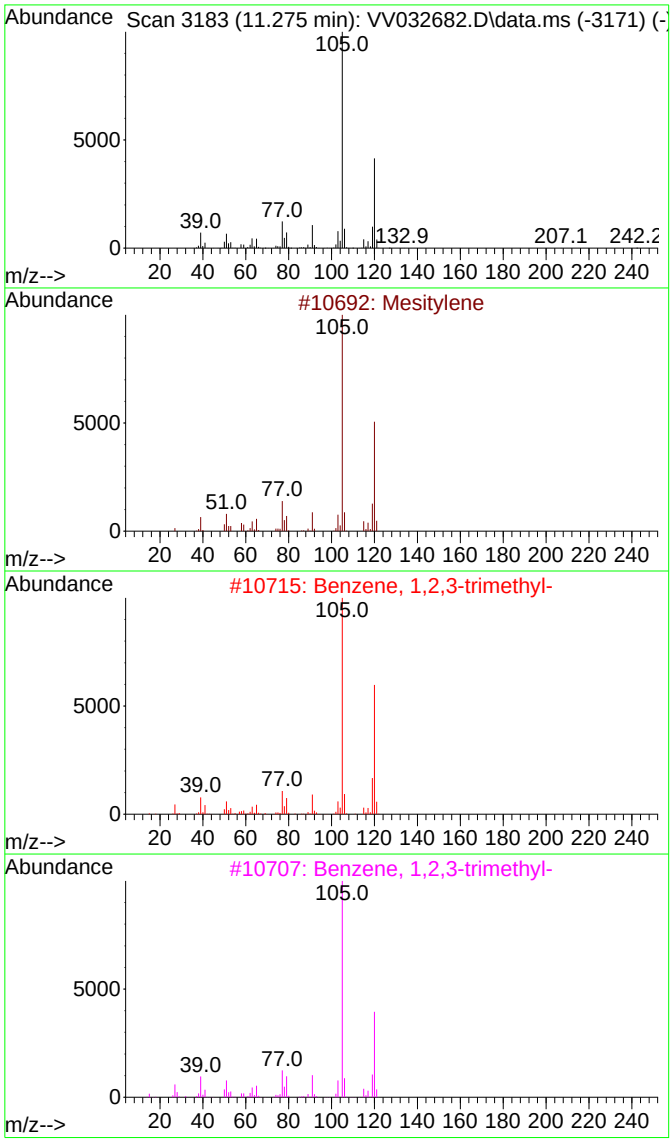
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

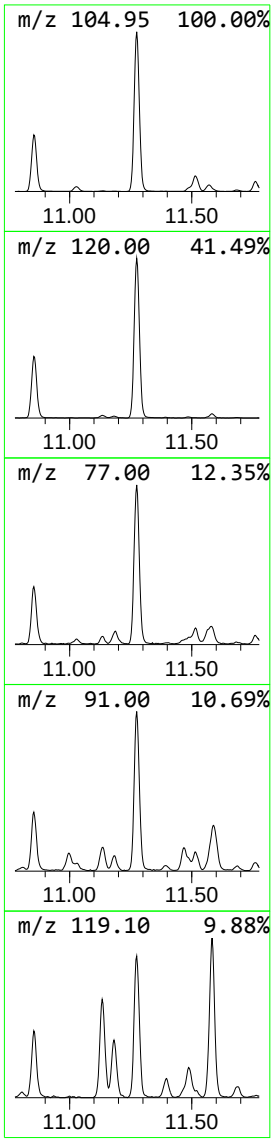
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	10.51 ug/L	1330680	1,4-Dichlorobenzene-d4	11.188

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	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

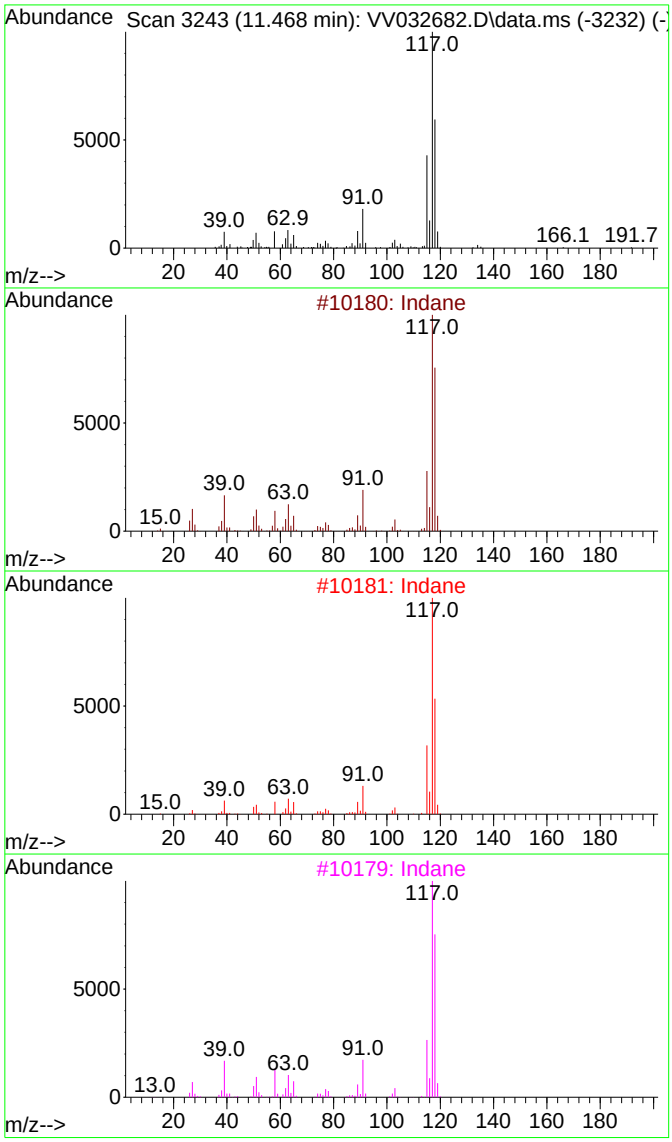
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

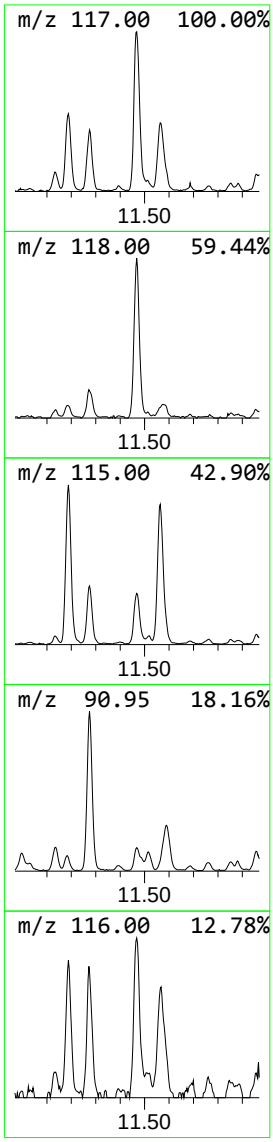
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.468	1.47 ug/L	186079	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

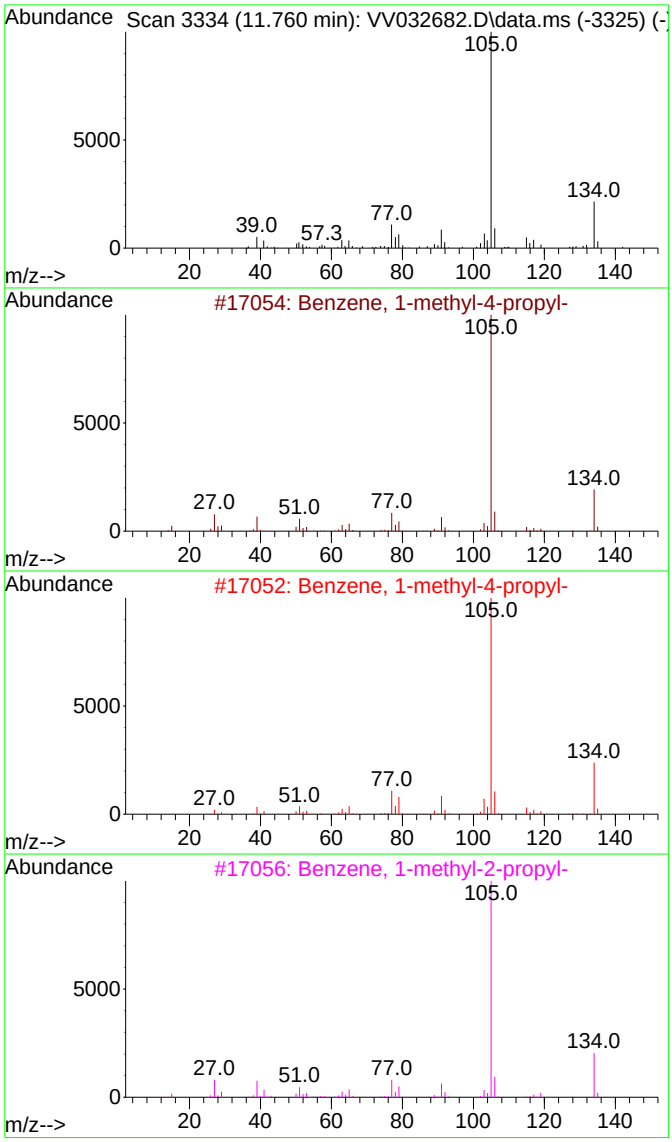
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

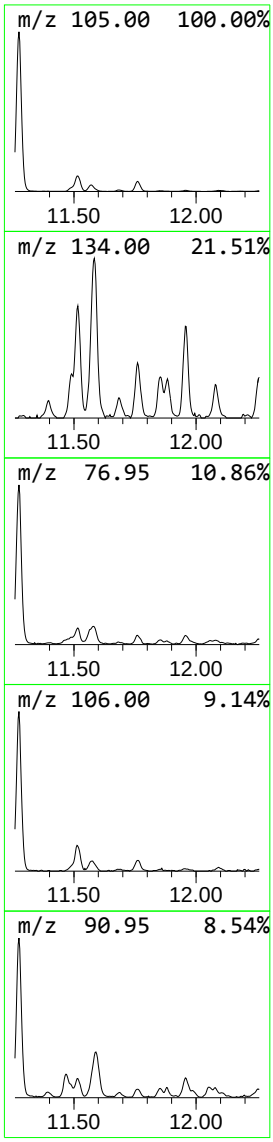
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	0.61 ug/L	77617	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

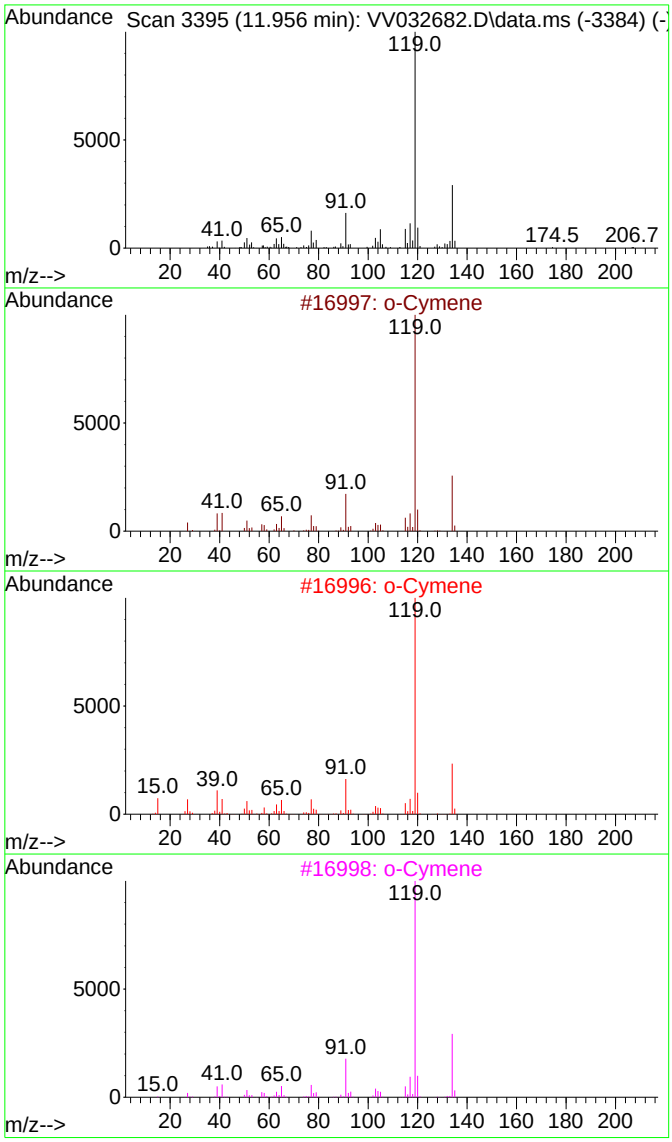
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

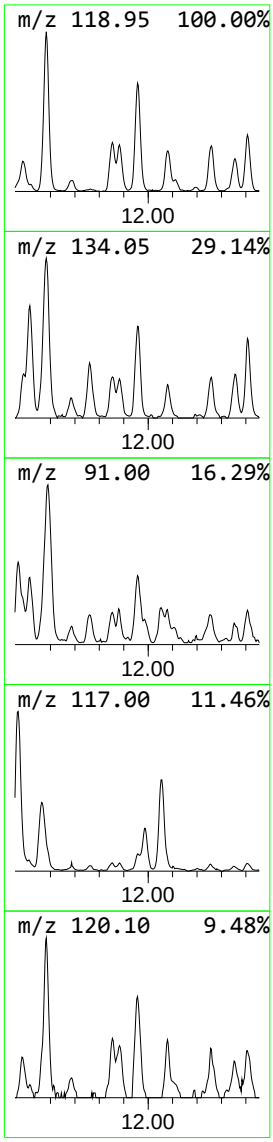
****

Peak Number 9 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	0.84 ug/L	106446	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

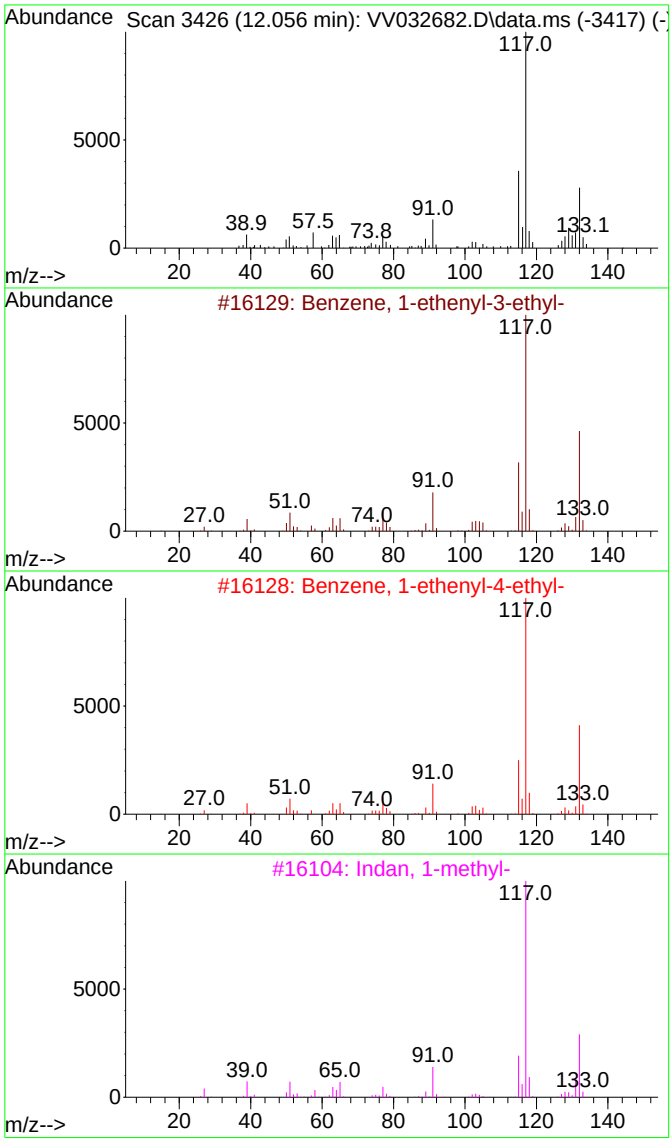
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

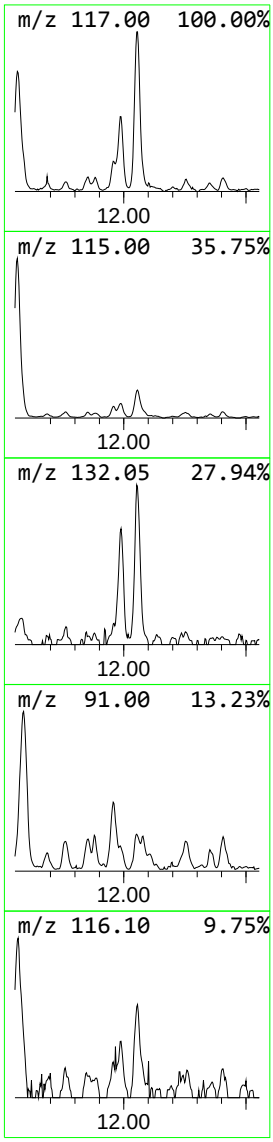
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	0.62 ug/L	78439	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	74
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74
5	Indan, 1-methyl-	132	C10H12	000767-58-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

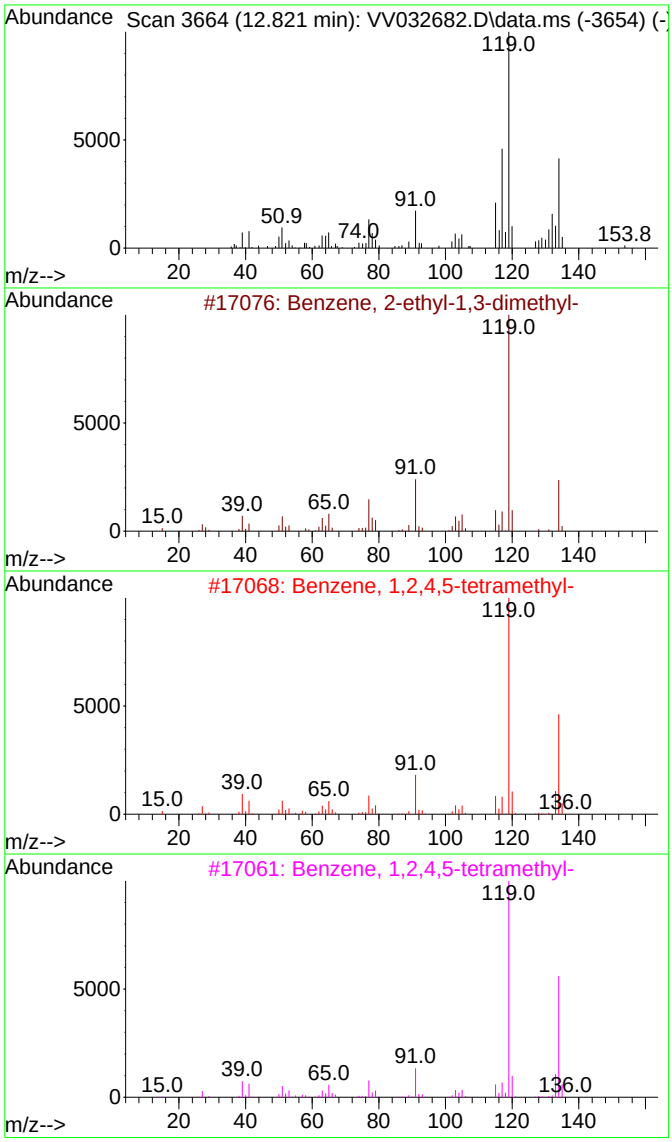
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0

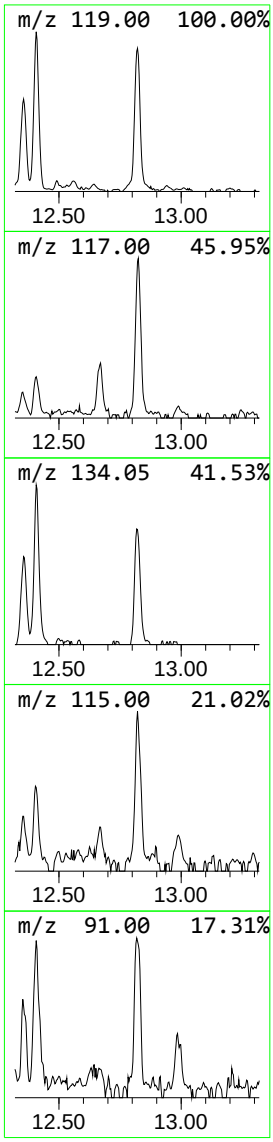
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	0.58 ug/L	73103	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032682.D
Acq On : 27 Oct 2023 14:28
Operator : SY/MD
Sample : 04992-07DL 250X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.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
Benzene, propyl-	10.294	1.1	ug/L	143462	3	11.188	633039	5.0
Benzene, 1-ethy...	10.387	5.1	ug/L	642935	3	11.188	633039	5.0
o-Cymene	11.133	0.8	ug/L	104158	3	11.188	633039	5.0
Benzene, 1,2,3-...	11.275	10.5	ug/L	1330680	3	11.188	633039	5.0
Indane	11.468	1.5	ug/L	186079	3	11.188	633039	5.0
Benzene, 1-meth...	11.760	0.6	ug/L	77617	3	11.188	633039	5.0
p-Cymene	11.956	0.8	ug/L	106446	3	11.188	633039	5.0
Benzene, 1-ethe...	12.056	0.6	ug/L	78439	3	11.188	633039	5.0
Benzene, 2-ethy...	12.821	0.6	ug/L	73103	3	11.188	633039	5.0