LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

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: VV030361.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	12	15	17	rBV	11229	8516	1.03%	0.092%
2	1.114	17	23	44	rVB	231472	287158	34.85%	3.088%
3	1.272	65	72	84	rVB2	88170	138333	16.79%	1.488%
4	1.388	101	108	119	rVB	57969	69136	8.39%	0.744%
5	1.442	120	125	135	rVB	7982	9566	1.16%	0.103%
6	1.536	148	154	170	rVB	52623	63655	7.72%	0.685%
7	1.915	263	272	280	rVB5	7015	11358	1.38%	0.122%
8	2.063	307	318	334	rBV	93672	136703	16.59%	1.470%
9	3.220	663	678	702	rBV2	102771	242695	29.45%	2.610%
10	3.841	855	871	872	rBV	41056	69509	8.43%	0.748%
11	4.262	985	1002	1023	rBV	82575	224980	27.30%	2.420%
12	4.970	1204	1222	1251	rBV2	168928	464271	56.34%	4.993%
13	5.253	1303	1310	1319	rBV2	4588	9368	1.14%	0.101%
14	5.545	1388	1401	1424	rBV	127867	278357	33.78%	2.994%
15	5.998	1528	1542	1555	rBV2	104235	226453	27.48%	2.435%
16	6.060	1556	1561	1574	rVB4	17794	34429	4.18%	0.370%
17	6.924	1817	1830	1847	rBV2	44193	88905	10.79%	0.956%
18	7.252	1921	1932	1949	rVV	180040	320055	38.84%	3.442%
19	7.326	1949	1955	1965	rVB2	6858	12478	1.51%	0.134%
20	7.564	2019	2029	2049	rBV3	27881	59242	7.19%	0.637%
21	7.879	2116	2127	2134	rBV5	10899	18797	2.28%	0.202%
22	8.037	2165	2176	2207	rBV	191140	428871	52.04%	4.612%
23	8.185	2212	2222	2232	rVV9	8173	20473	2.48%	0.220%
24	8.796	2401	2412	2415	rBV	212500	314509	38.16%	3.382%
25	8.822	2417	2420	2436	rVB	235112	322552	39.14%	3.469%
26	9.011	2471	2479	2485	rBV2	6468	9918	1.20%	0.107%
27	9.082	2490	2501	2514	rVB4	32904	66048	8.01%	0.710%
28	9.487	2619	2627	2641	rVB	22764	38217	4.64%	0.411%
29	9.876	2736	2748	2764	rBV	135582	221182	26.84%	2.379%
30	9.953	2764	2772	2779	rBV	6087	9930	1.20%	0.107%
31	10.082	2801	2812	2817	rBV	11281	20020	2.43%	0.215%
32	10.127	2819	2826	2830	rVV3	24864	40173	4.87%	0.432%
33	10.162	2830	2837	2850	rVB	87790	139600	16.94%	1.501%
34	10.294	2873	2878	2885	rBV5	5946	8674	1.05%	0.093%
35	10.342	2885	2893	2904	rVV4	30422	60063	7.29%	0.646%
36	10.397	2905	2910	2920	rVB4	14158	23007	2.79%	0.247%

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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

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

37	10.510	2931	2945	2964	rVB5	83361	165610	20.10%	1.781%
38	10.641	2972	2986	2989	rBV5	5093	10514	1.28%	0.113%
39	10.683	2989	2999	3011	rBV	34835	61638	7.48%	0.663%
40	10.809	3025	3038	3046	rBV	19827	33903	4.11%	0.365%
41	10.860	3047	3054	3062	rVB2	10652	17504	2.12%	0.188%
42	11.001	3091	3098	3102	rBV2	13742	20376	2.47%	0.219%
43	11.034	3102	3108	3119	rVB2	36294	54680	6.64%	0.588%
44	11.127	3127	3137	3147	rBV	60122	98537	11.96%	1.060%
45	11.194	3147	3158	3177	rVB2	258611	576233	69.92%	6.197%
46	11.281	3179	3185	3195	rVB	13965	20748	2.52%	0.223%
47	11.346	3195	3205	3214	rBV8	16280	34682	4.21%	0.373%
48	11.400	3215	3222	3229	rBV	30137	40223	4.88%	0.433%
49	11.474	3234	3245	3262	rVV	453259	824078	100.00%	8.862%
50	11.567	3264	3274	3294	rVB	266183	470721	57.12%	5.062%
51	11.690	3304	3312	3322	rBV2	30364	44553	5.41%	0.479%
52	11.963	3387	3397	3413	rBV2	115375	208372	25.29%	2.241%
53	12.059	3419	3427	3451	rVB2	71581	160489	19.47%	1.726%
54	12.201	3462	3471	3473	rBV10	6285	8391	1.02%	0.090%
55	12.246	3479	3485	3495	rVB3	12938	18859	2.29%	0.203%
56	12.362	3512	3521	3530	rVB	76149	109982	13.35%	1.183%
57	12.410	3530	3536	3546	rBV4	15488	26553	3.22%	0.286%
58	12.497	3557	3563	3570	rVB7	10374	14285	1.73%	0.154%
59	12.612	3587	3599	3608	rBV6	17547	41140	4.99%	0.442%
60	12.670	3610	3617	3634	rVB	37253	65356	7.93%	0.703%
61	12.828	3653	3666	3676	rBV2	157687	246895	29.96%	2.655%
62	13.001	3712	3720	3730	rVB2	10019	18772	2.28%	0.202%
63	13.165	3763	3771	3777	rVB3	15270	22921	2.78%	0.247%
64	13.217	3779	3787	3794	rBV5	19097	30818	3.74%	0.331%
65	13.313	3813	3817	3824	rVB3	10415	12147	1.47%	0.131%
66	13.439	3846	3856	3865	rBV7	14589	31943	3.88%	0.344%
67	13.490	3866	3872	3882	rVB5	14427	24240	2.94%	0.261%
68	13.616	3901	3911	3917	rBV2	19919	36769	4.46%	0.395%
69	13.654	3918	3923	3934	rVV2	16523	31789	3.86%	0.342%
70	13.715	3934	3942	3950	rVB6	16023	25890	3.14%	0.278%
71	13.860	3977	3987	3998	rBV5	18017	33848	4.11%	0.364%
72	14.040	4034	4043	4053	rBV5	17152	36458	4.42%	0.392%
73	14.181	4077	4087	4098	rBV9	9810	23370	2.84%	0.251%
74	14.239	4098	4105	4113	rVB4	13665	22478	2.73%	0.242%
75	14.381	4135	4149	4159	rBV4	11685	27023	3.28%	0.291%
76	14.519	4183	4192	4199	rBV5	17372	26876	3.26%	0.289%

LSC Area Percent Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB989

Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Title : TRACE VOA SFAM1.0

77	14.577	4200	4210	4220	rBV	86309	139504	16.93%	1.500%
78	14.763	4257	4268	4281	rBV	114139	187655	22.77%	2.018%
79	15.500	4490	4497	4503	rVV2	16802	25227	3.06%	0.271%
80	15.532	4503	4507	4517	rVB10	7894	11461	1.39%	0.123%
81	15.612	4522	4532	4551	rBV2	50808	93968	11.40%	1.011%
82	15.757	4569	4577	4584	rBV	57172	90782	11.02%	0.976%
83	15.796	4585	4589	4599	rVB4	25804	35357	4.29%	0.380%
84	15.959	4631	4640	4643	rBV7	11099	16172	1.96%	0.174%
85	16.130	4685	4693	4702	rBV7	8281	13687	1.66%	0.147%
86	16.400	4766	4777	4782	rBV	130454	209771	25.46%	2.256%
87	16.429	4782	4786	4804	rVB	126520	189199	22.96%	2.035%
88	16.606	4834	4841	4842	rBV6	8602	8857	1.07%	0.095%

Sum of corrected areas: 9298505

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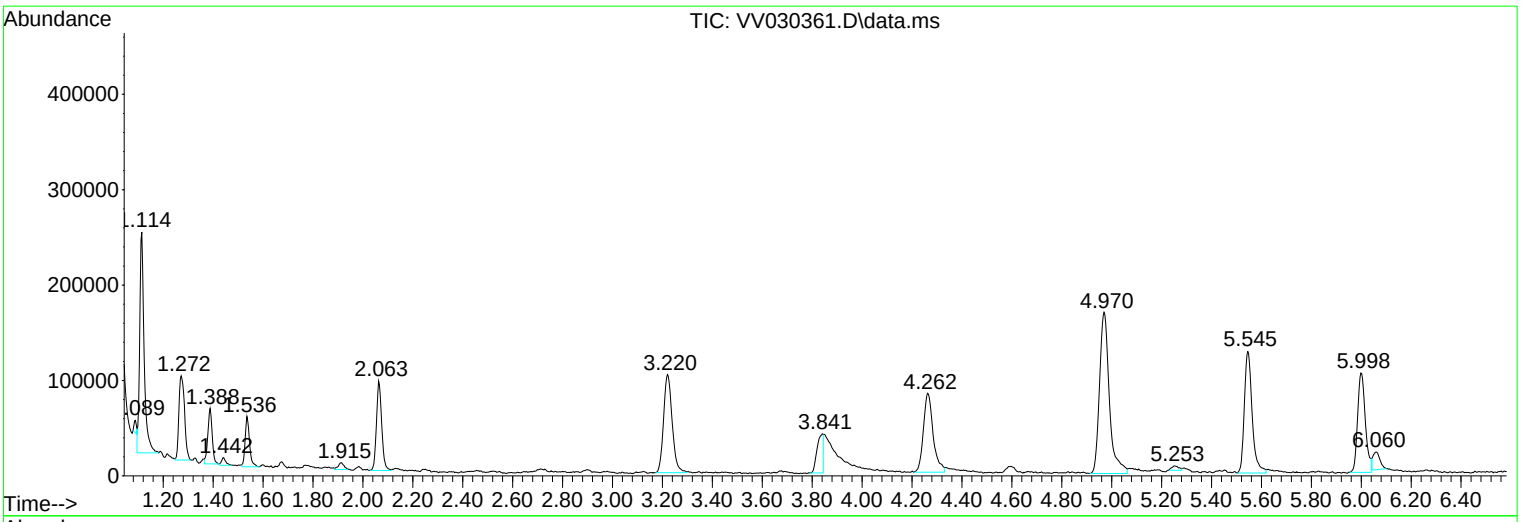
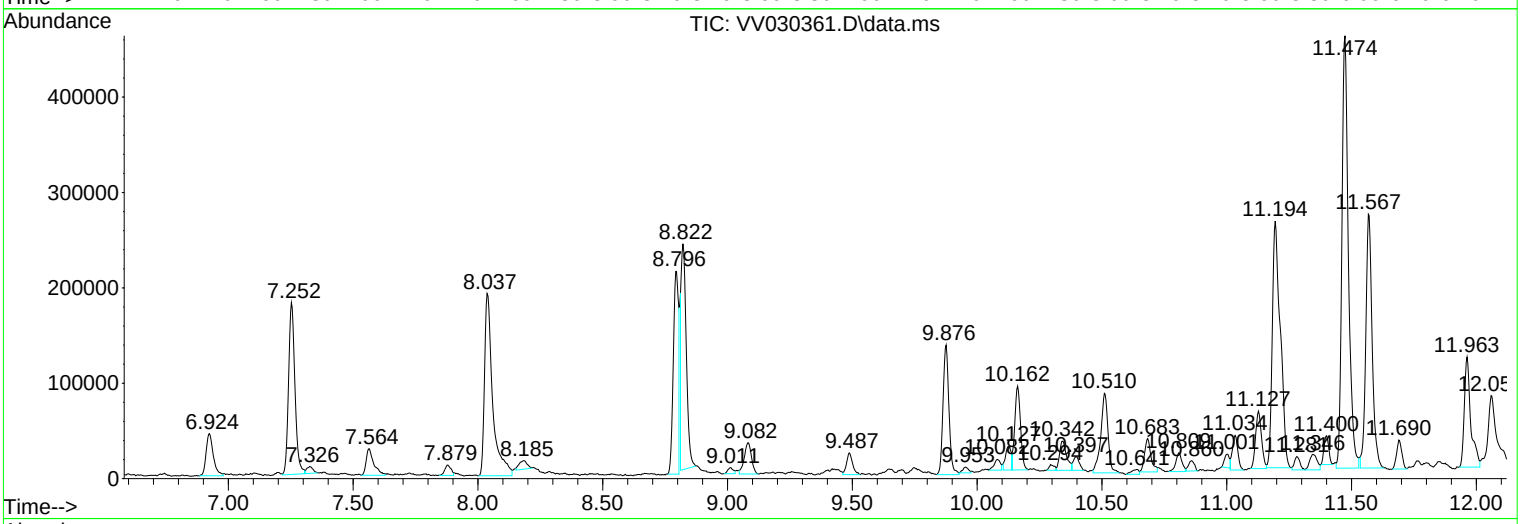
ALS Vial : 18 Sample Multiplier: 1

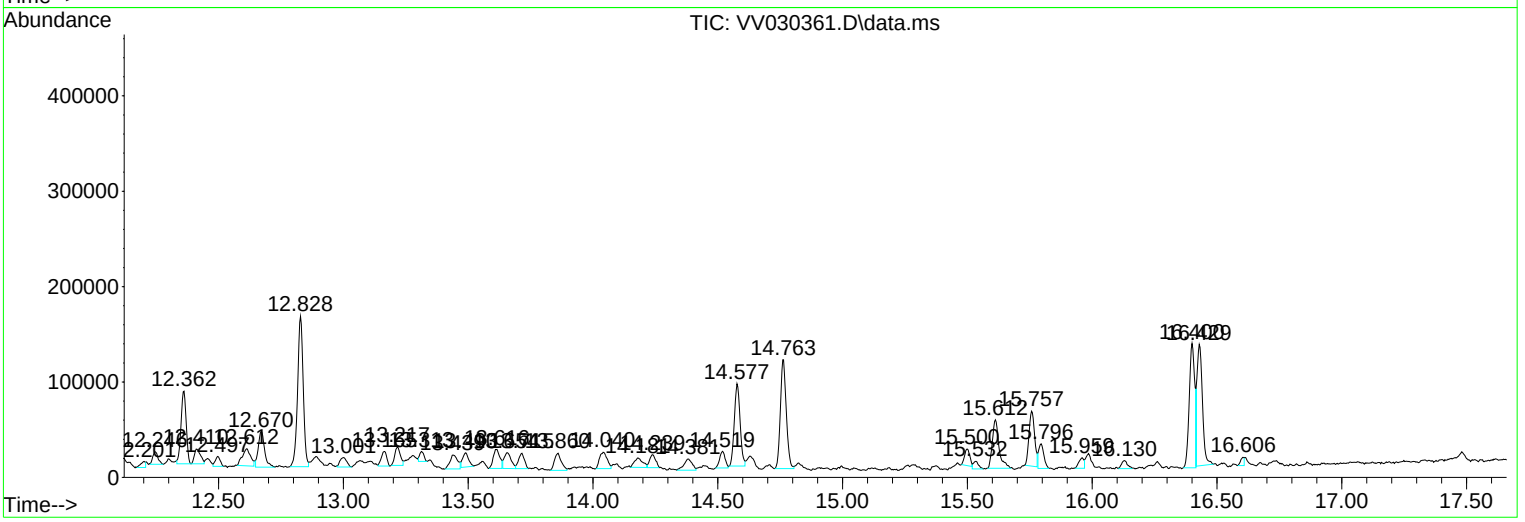
Instrument :
MSVOA_V
ClientSampleId :
CB989

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\VV033023\
Data File : VV030361.D
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Operator : SY/MD
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MSVOA_V
ClientSampleId :
CB989

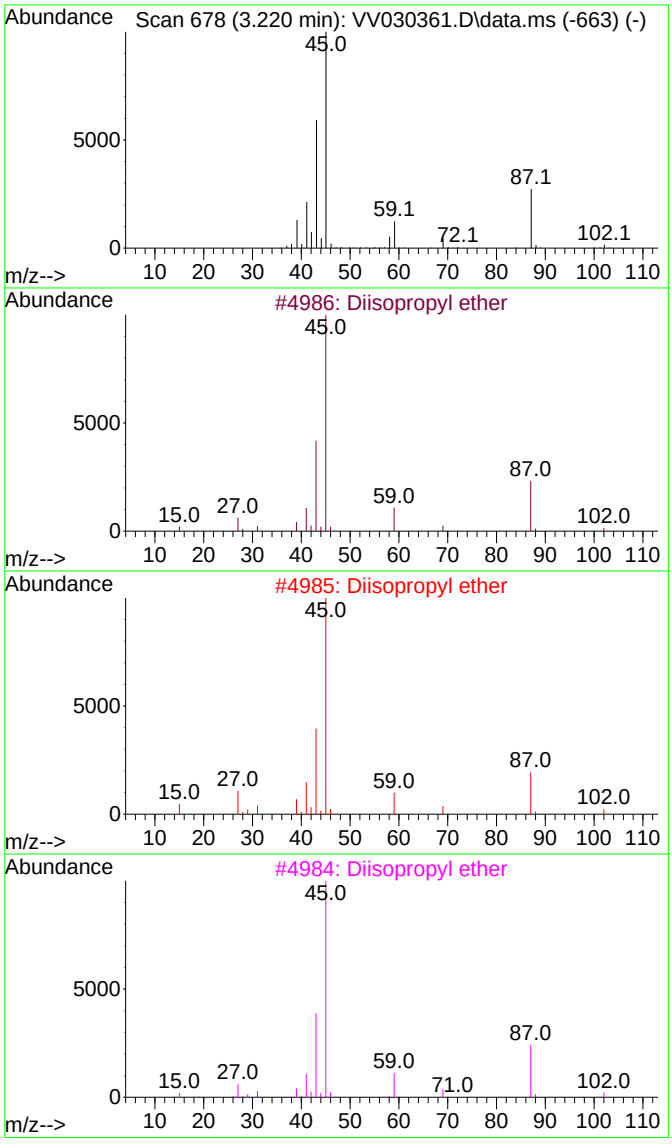
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

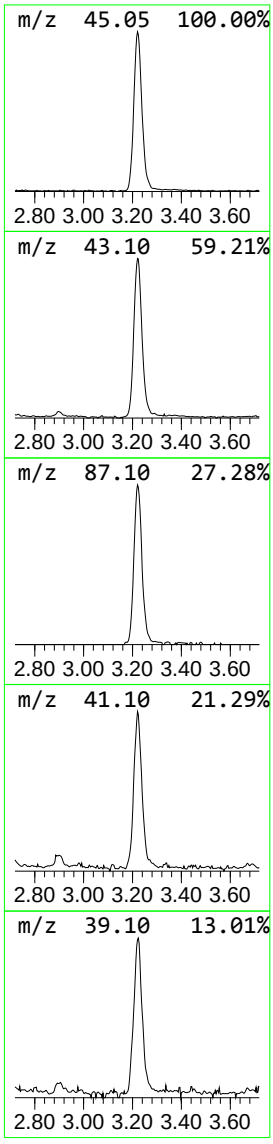
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.220	4.36 ug/L	242695	1,4-Difluorobenzene	5.545

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	72
3	Diisopropyl ether	102	C6H14O	000108-20-3	72
4	Diisopropyl ether	102	C6H14O	000108-20-3	64
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

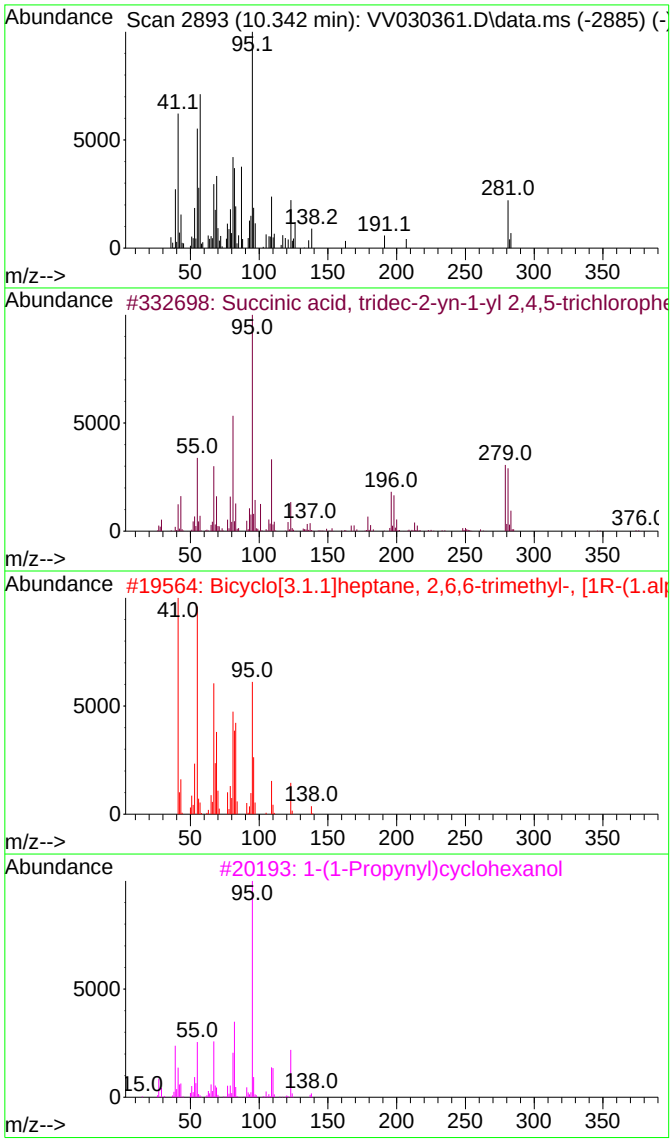
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

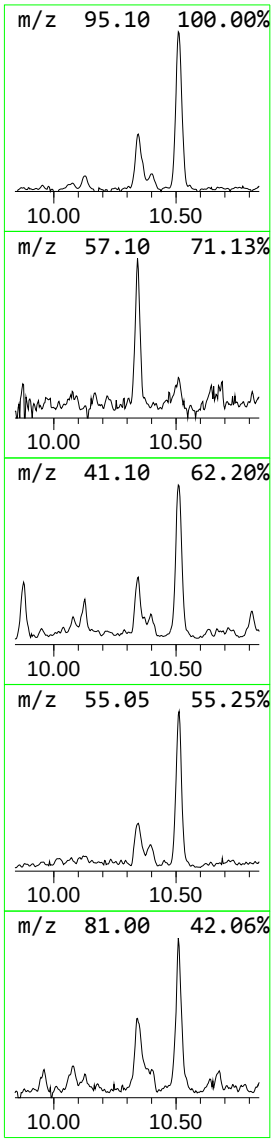
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Succinic acid, tridec-2-yn-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.342	0.52 ug/L	60063	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, tridec-2-yn-1-yl ...	474	C23H29Cl3O4	1000389-97-7	58
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	52
3	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	43
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43
5	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
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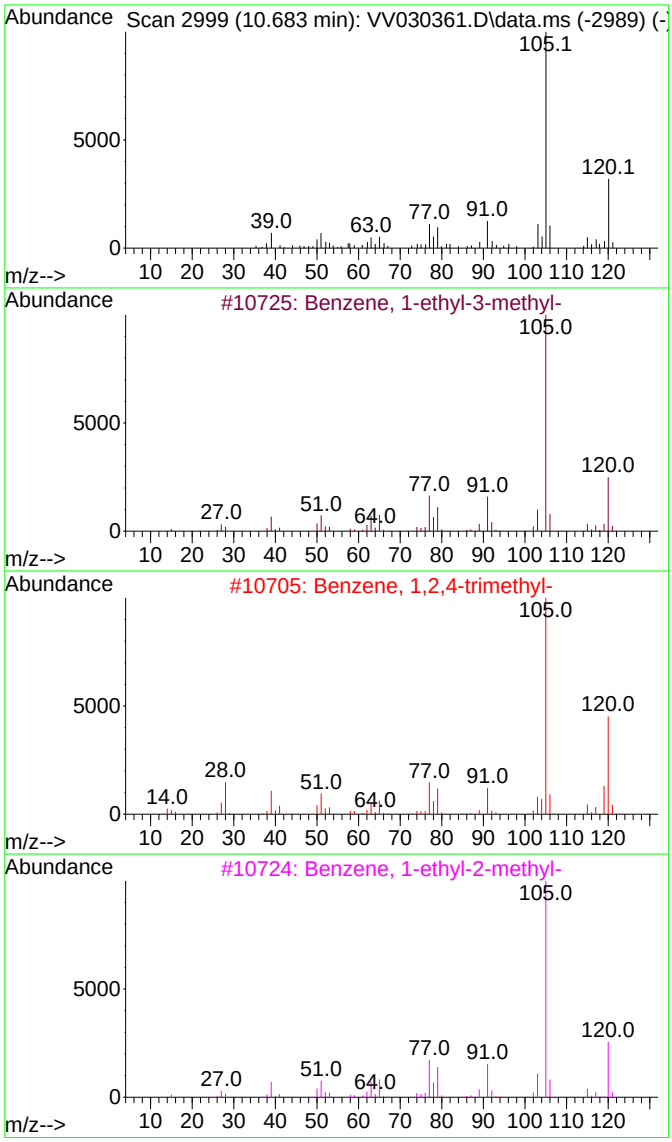
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

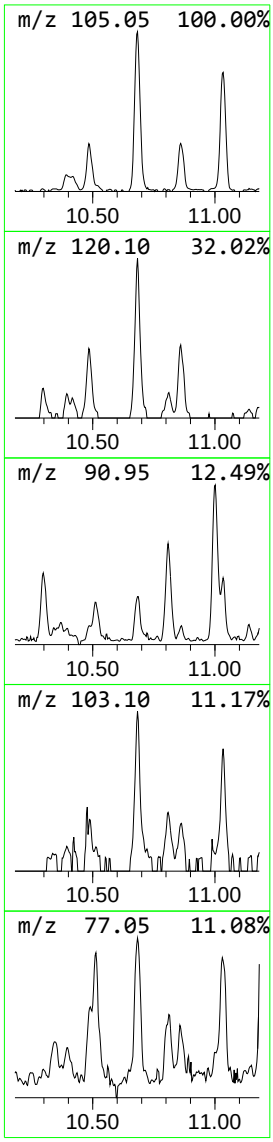
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	0.53 ug/L	61638	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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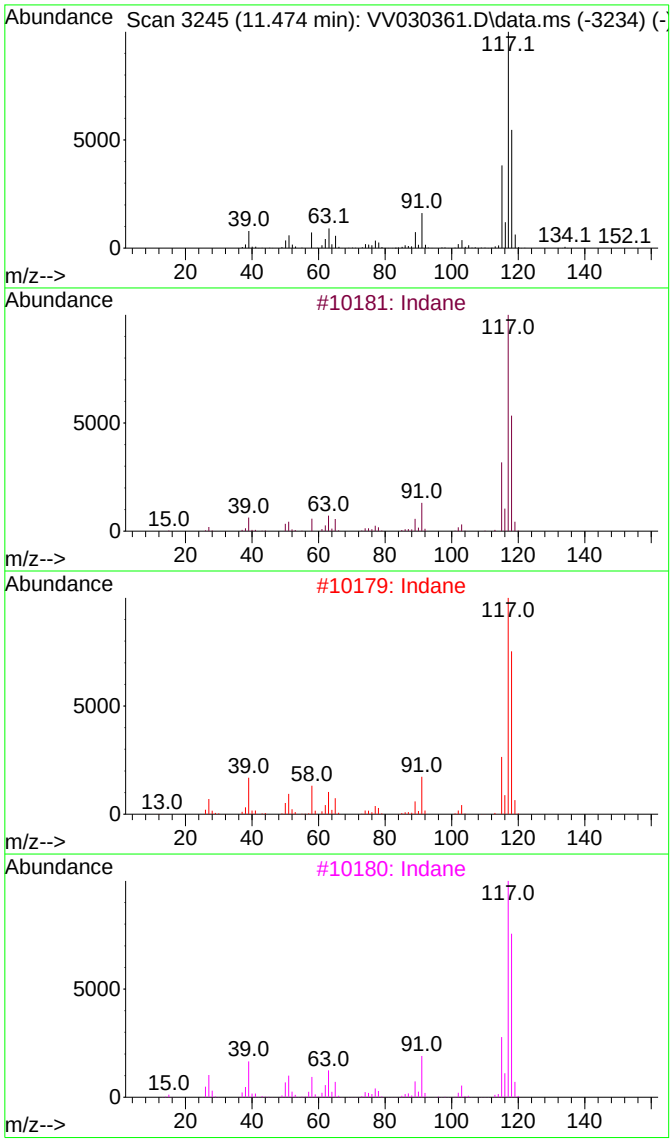
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

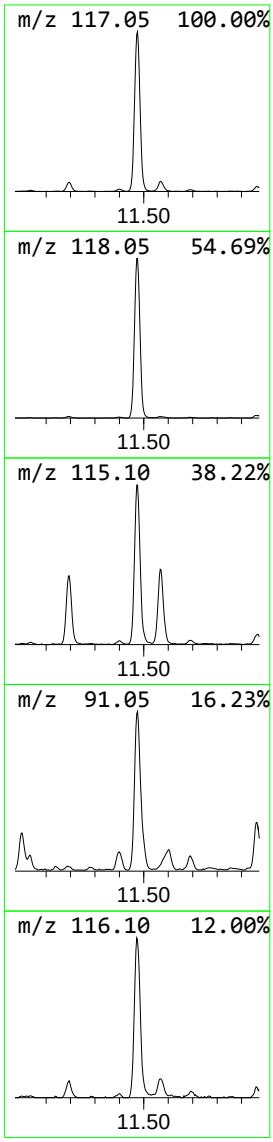
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.474	7.15 ug/L	824078	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

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

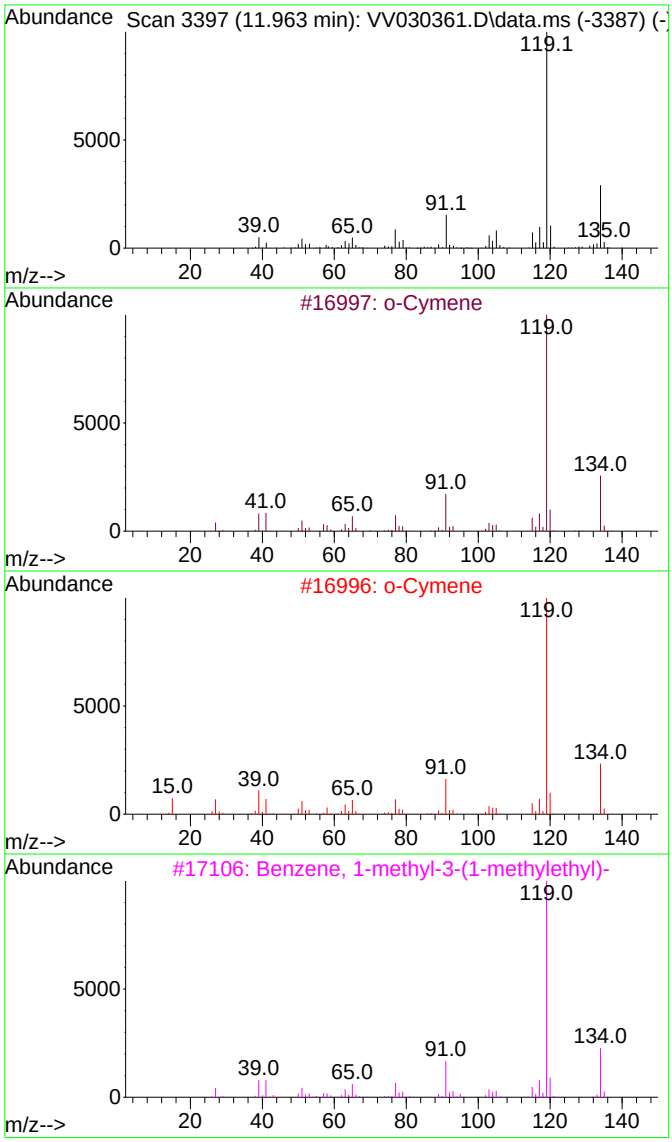
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

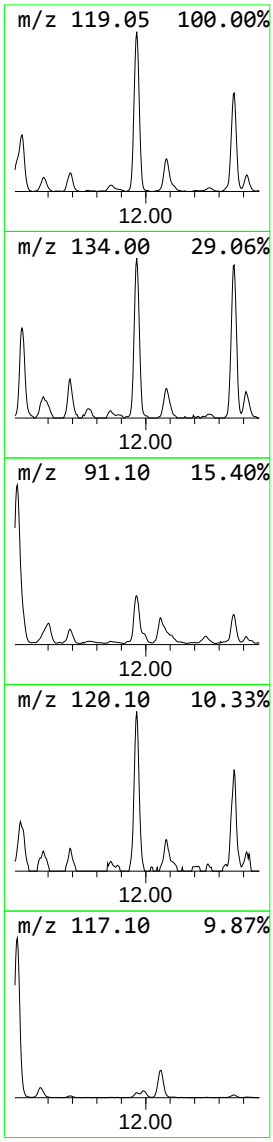
****

Peak Number 7 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	1.81 ug/L	208372	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	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

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

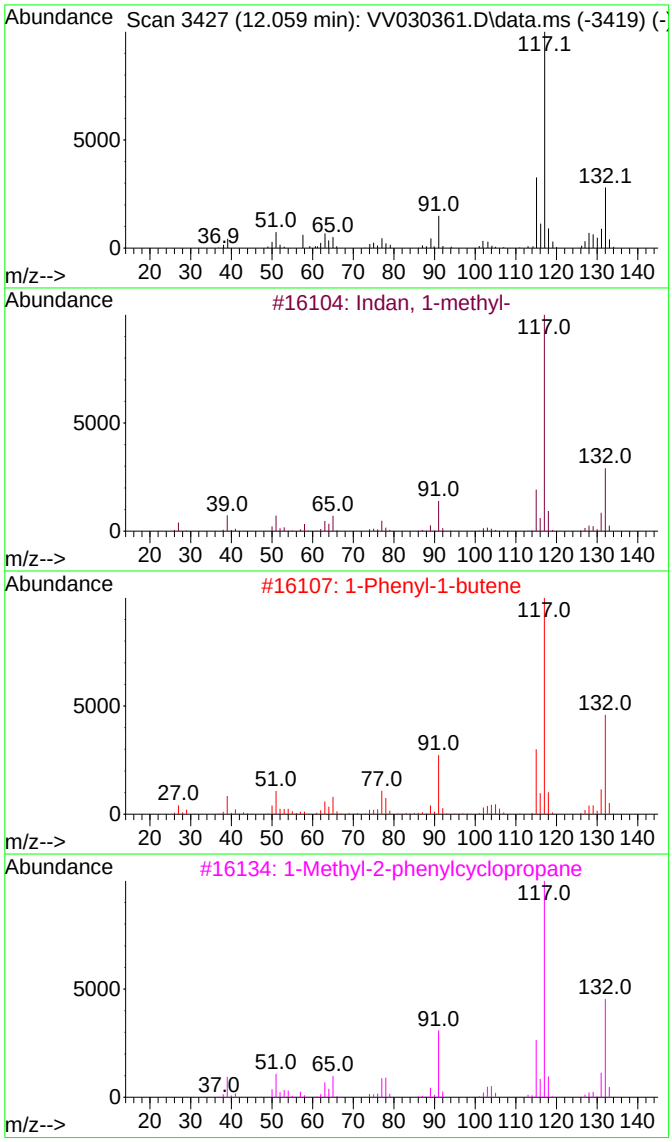
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

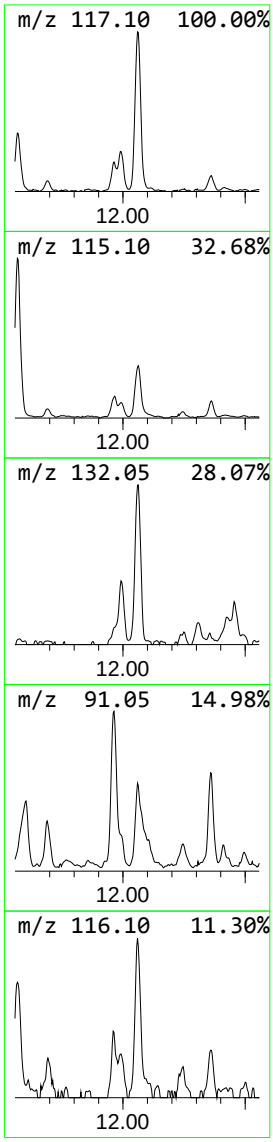
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.059	1.39 ug/L	160489	1,4-Dichlorobenzene-d4	11.194

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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78





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Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

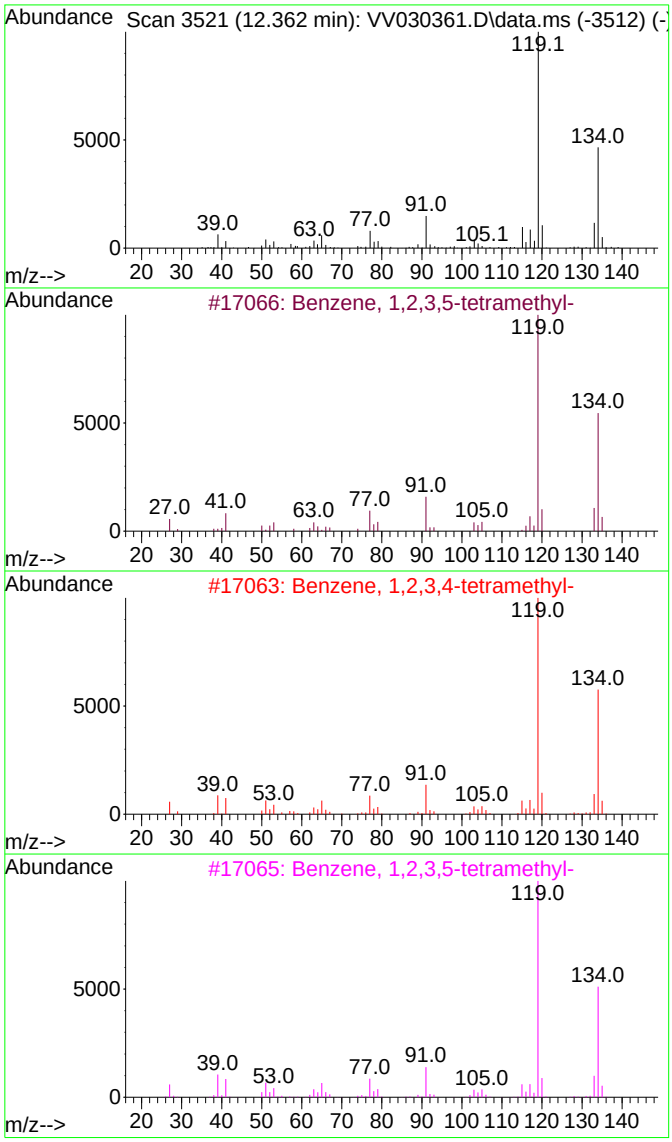
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

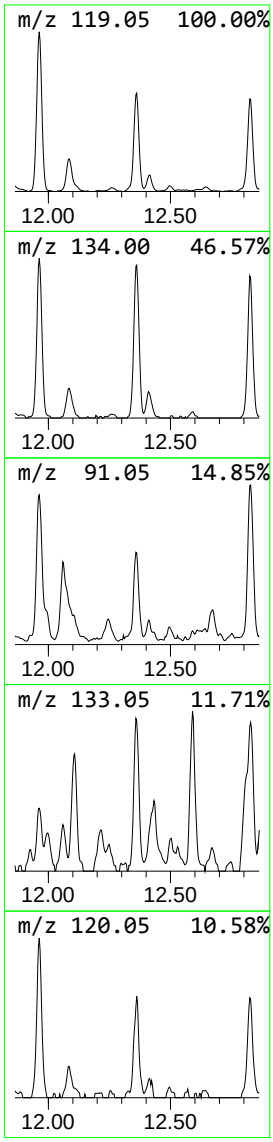
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.362	0.95 ug/L	109982	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

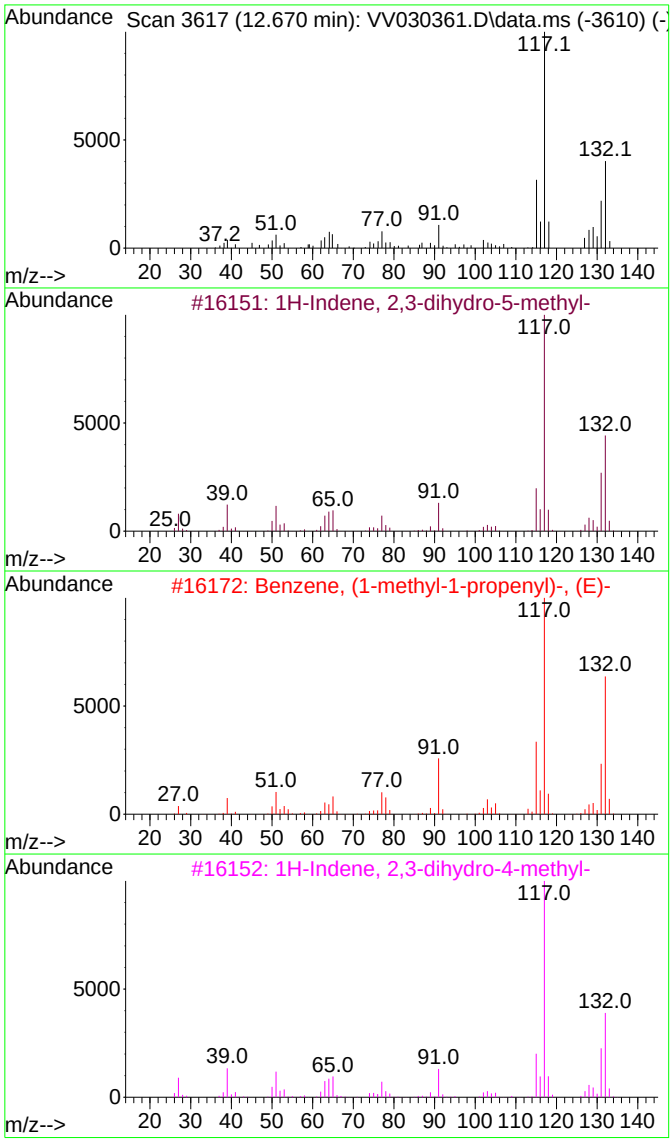
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

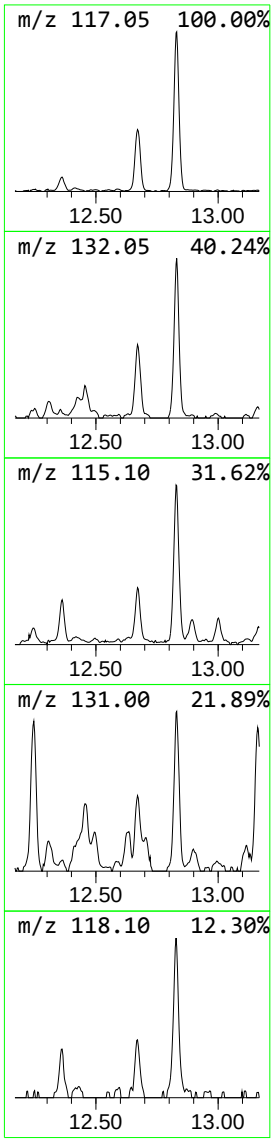
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	0.57 ug/L	65356	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-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72





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Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

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

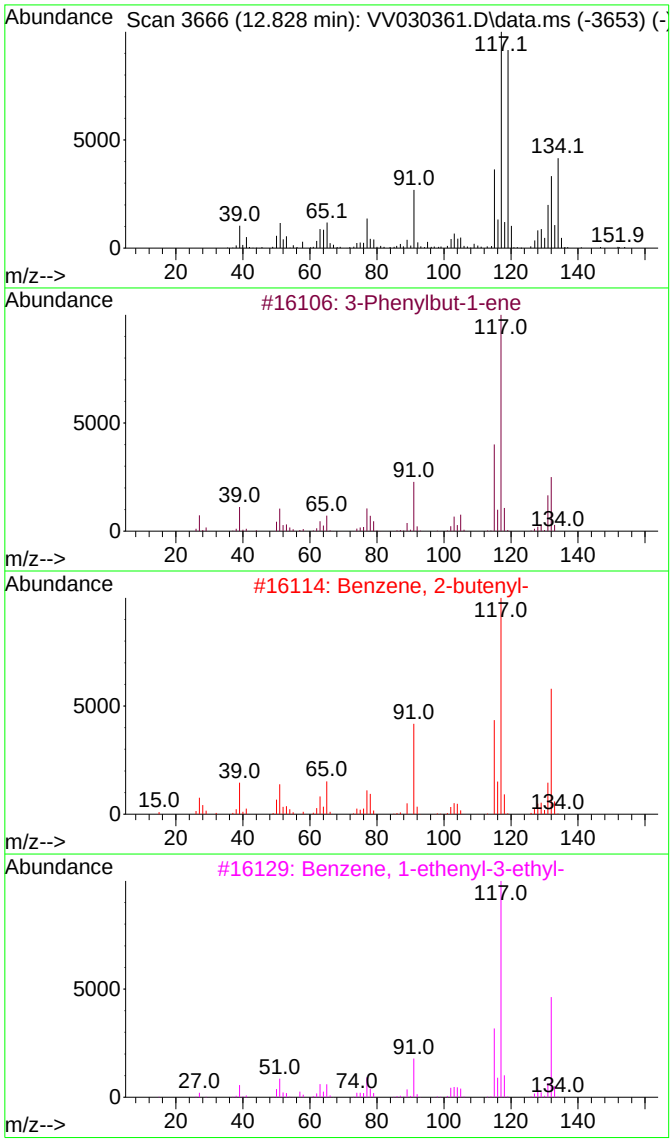
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

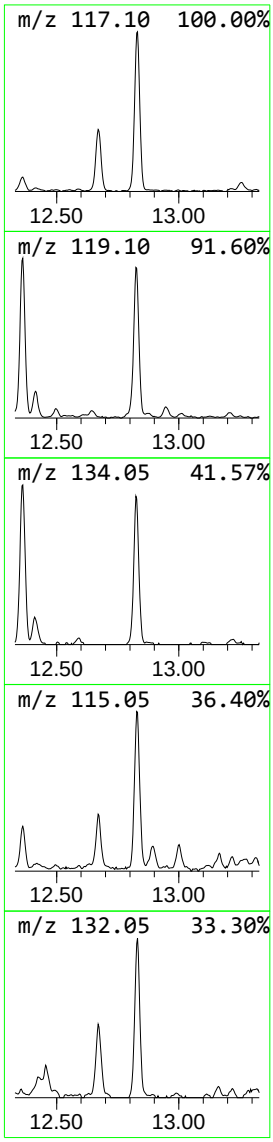
****

Peak Number 11 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	2.14 ug/L	246895	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5	o-Cymene	134	C10H14	000527-84-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

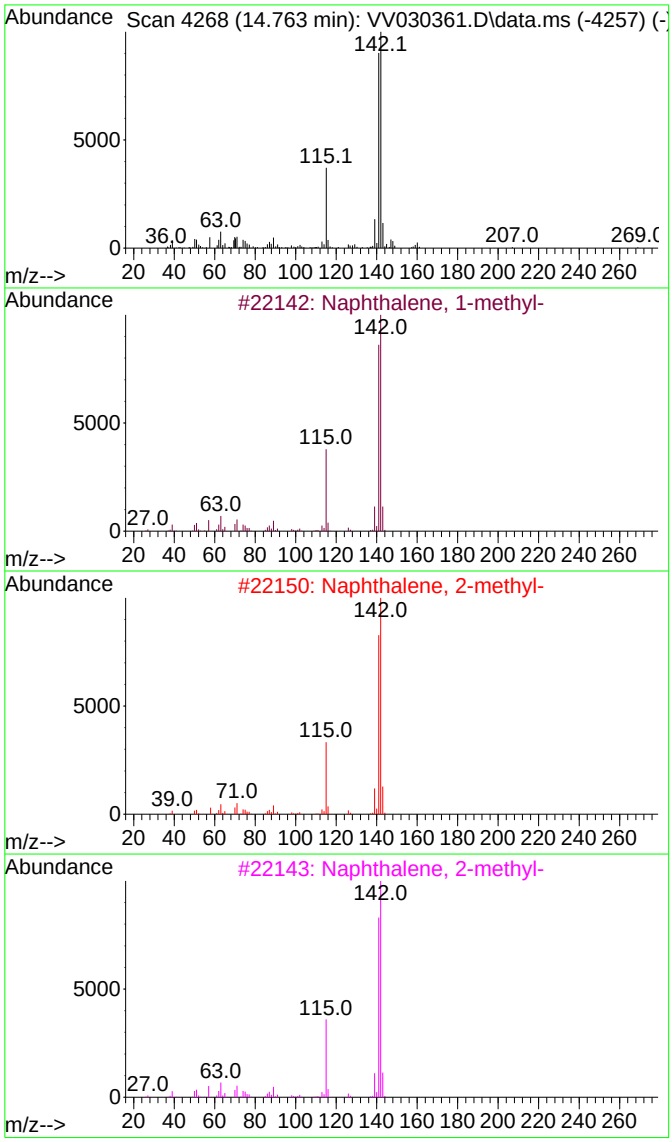
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

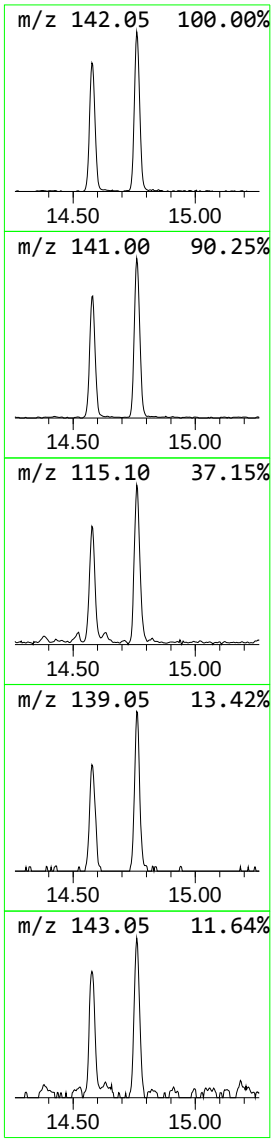
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,4-Methanonaphthalene, 1,4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	1.63 ug/L	187655	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

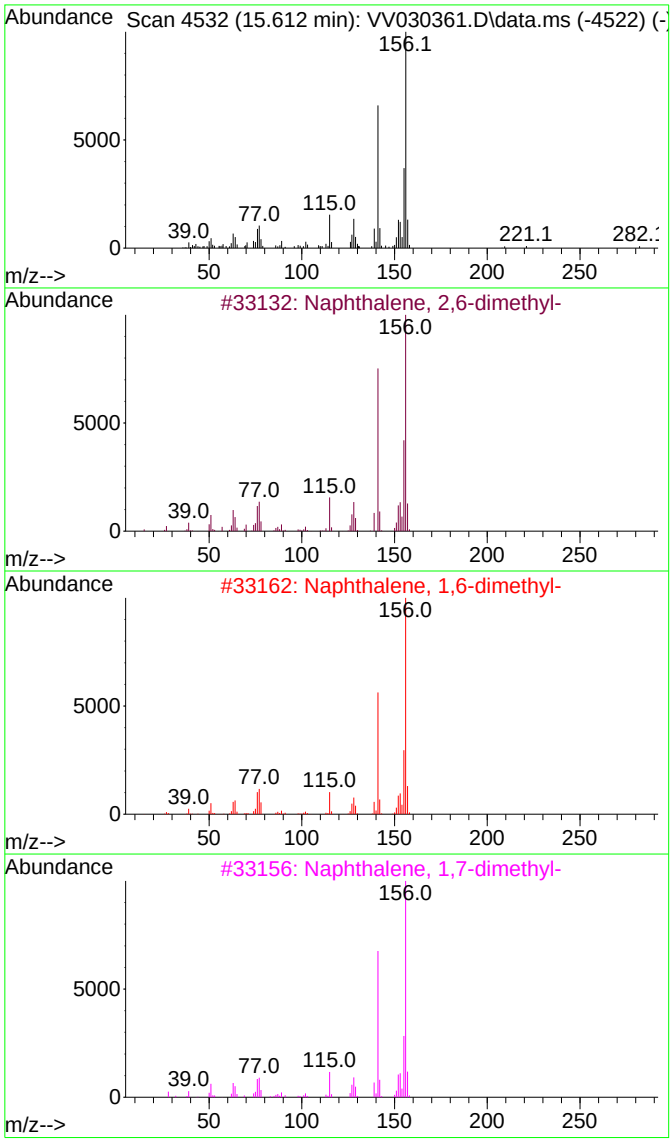
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

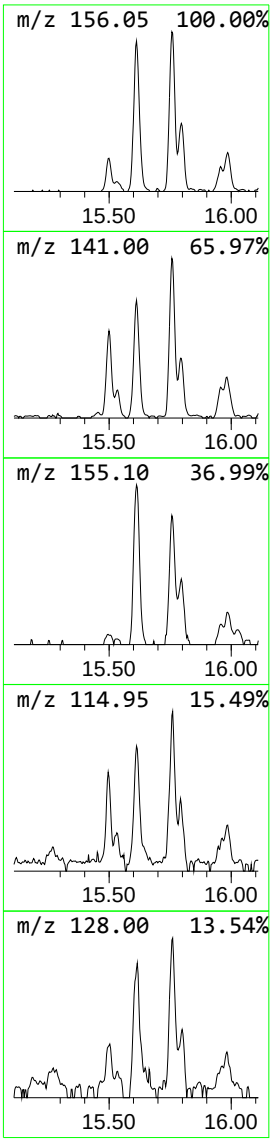
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.612	0.82 ug/L	93968	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

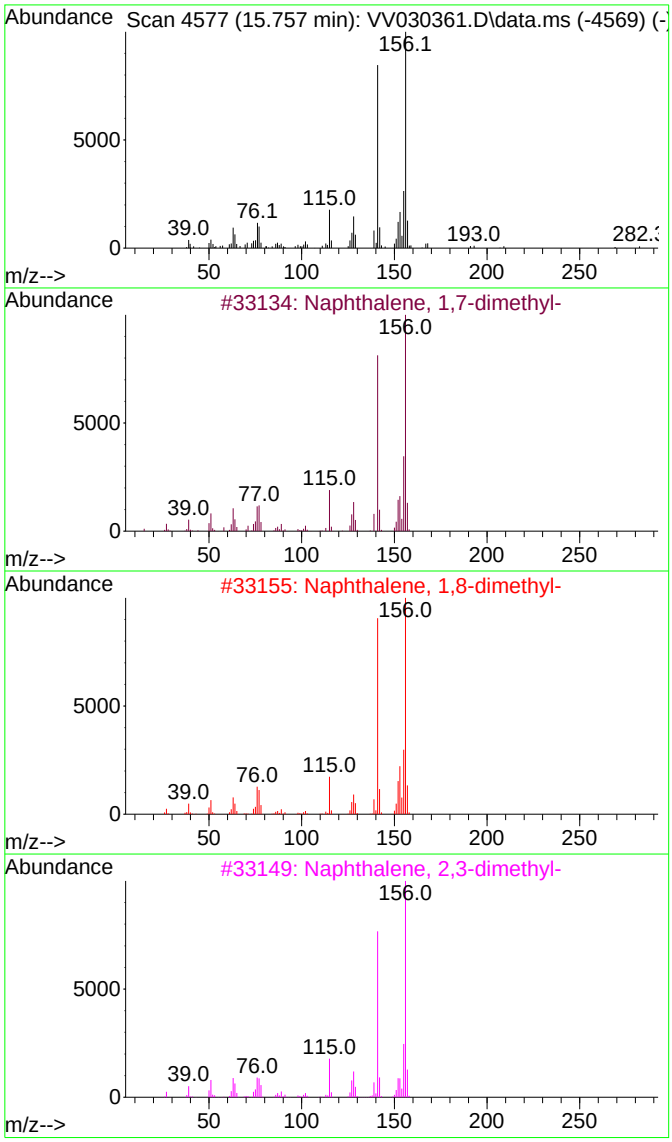
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

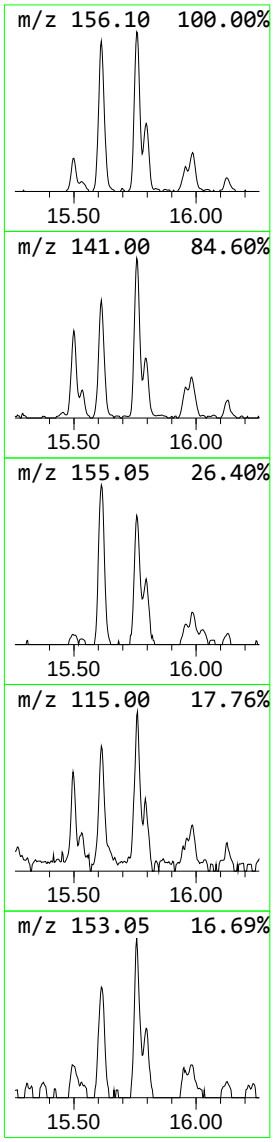
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	0.79 ug/L	90782	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
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Operator : SY/MD
Sample : 02092-18
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

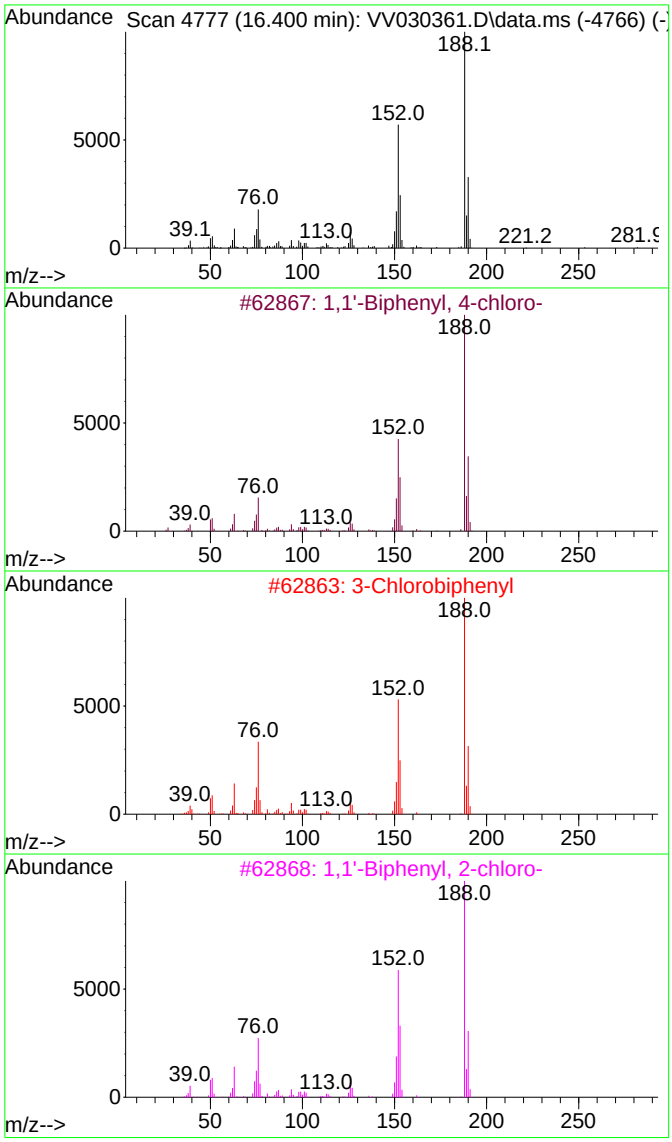
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

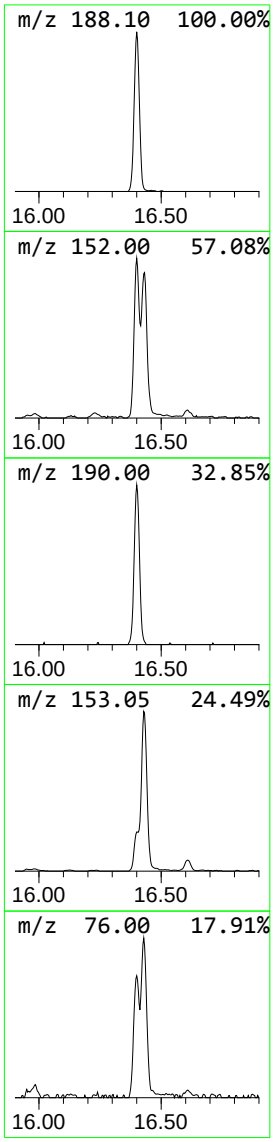
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 4-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.400	1.82 ug/L	209771	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95





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Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

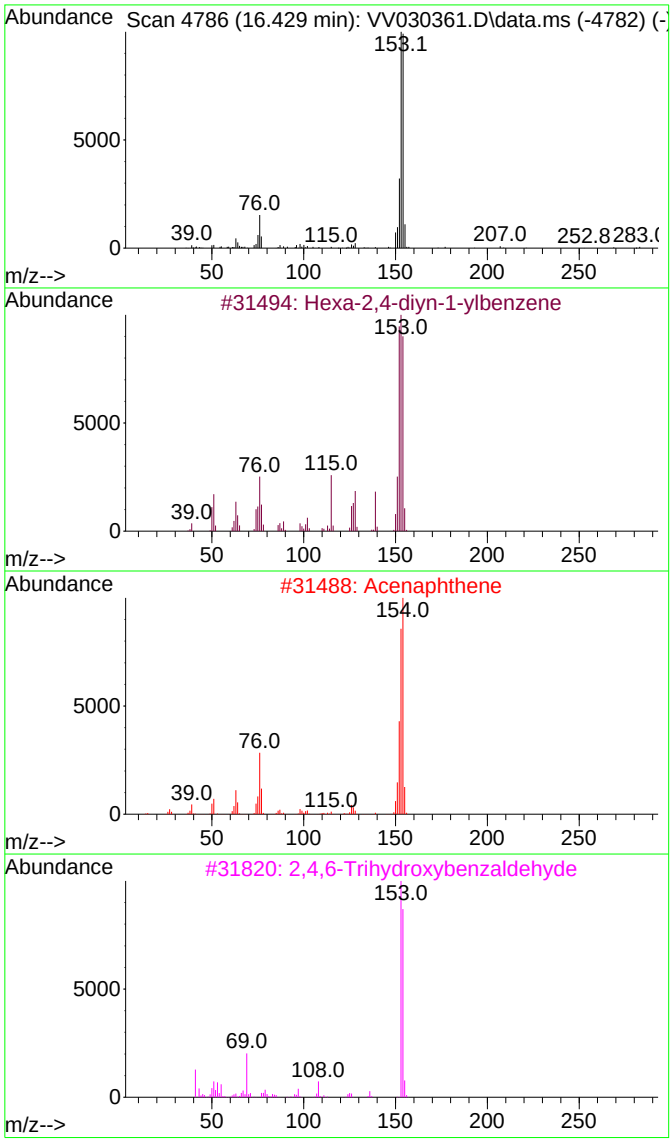
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

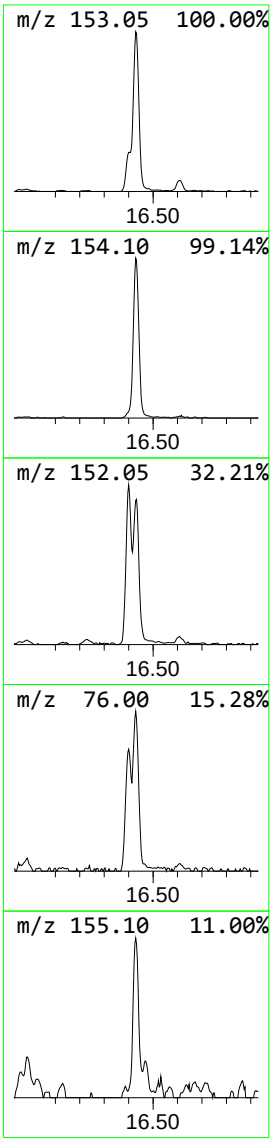
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.429	1.64 ug/L	189199	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	72
2	Acenaphthene	154	C12H10	000083-32-9	64
3	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	59
4	Acenaphthene	154	C12H10	000083-32-9	58
5	Acenaphthene	154	C12H10	000083-32-9	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030361.D
Acq On : 30 Mar 2023 15:55
Operator : SY/MD
Sample : 02092-18
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB989

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
Diisopropyl ether	3.220	4.4	ug/L	242695	1	5.545	278357	5.0
Succinic acid, ...	10.342	0.5	ug/L	60063	3	11.194	576233	5.0
Benzene, 1-ethy...	10.683	0.5	ug/L	61638	3	11.194	576233	5.0
Indane	11.474	7.2	ug/L	824078	3	11.194	576233	5.0
o-Cymene	11.963	1.8	ug/L	208372	3	11.194	576233	5.0
Indan, 1-methyl-	12.059	1.4	ug/L	160489	3	11.194	576233	5.0
Benzene, 1,2,3,...	12.362	0.9	ug/L	109982	3	11.194	576233	5.0
1H-Indene, 2,3-...	12.670	0.6	ug/L	65356	3	11.194	576233	5.0
3-Phenylbut-1-ene	12.828	2.1	ug/L	246895	3	11.194	576233	5.0
1,4-Methanonaph...	14.763	1.6	ug/L	187655	3	11.194	576233	5.0
Naphthalene, 2,...	15.612	0.8	ug/L	93968	3	11.194	576233	5.0
Naphthalene, 1,...	15.757	0.8	ug/L	90782	3	11.194	576233	5.0
1,1'-Biphenyl, ...	16.400	1.8	ug/L	209771	3	11.194	576233	5.0
Hexa-2,4-diyn-1...	16.429	1.6	ug/L	189199	3	11.194	576233	5.0