LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	34	rVB	18627	21544	2.37%	0.126%
2	1.592	84	94	106	rBV4	55805	85318	9.37%	0.498%
3	1.908	185	192	210	rVB2	40034	80155	8.80%	0.468%
4	2.560	383	395	409	rBV	65228	107016	11.76%	0.625%
5	3.351	628	641	670	rVB2	59295	141637	15.56%	0.827%
6	3.862	783	800	822	rBV2	52227	124541	13.68%	0.727%
7	4.644	1030	1043	1069	rBV	27108	96896	10.64%	0.566%
8	5.055	1156	1171	1194	rBV2	76022	171343	18.82%	1.000%
9	5.380	1255	1272	1286	rBV4	15713	37278	4.09%	0.218%
10	5.718	1359	1377	1385	rBV2	138788	359928	39.54%	2.101%
11	5.766	1385	1392	1408	rVV	192560	391822	43.04%	2.288%
12	5.840	1410	1415	1429	rVB8	10043	18393	2.02%	0.107%
13	5.981	1449	1459	1466	rBV4	14449	30608	3.36%	0.179%
14	6.245	1529	1541	1570	rBV	131490	259185	28.47%	1.513%
15	6.541	1609	1633	1652	rVB	6152	19679	2.16%	0.115%
16	6.685	1665	1678	1689	rBV2	90877	185454	20.37%	1.083%
17	6.756	1690	1700	1719	rVB2	75569	162440	17.84%	0.948%
18	7.563	1941	1951	1966	rBV2	29334	55146	6.06%	0.322%
19	7.853	2027	2041	2044	rBV4	12768	21219	2.33%	0.124%
20	7.894	2044	2054	2071	rVV	152004	272390	29.92%	1.590%
21	8.177	2132	2142	2152	rBV	18697	31814	3.49%	0.186%
22	8.238	2152	2161	2174	rVB4	12995	24296	2.67%	0.142%
23	8.470	2221	2233	2250	rBV4	22692	51828	5.69%	0.303%
24	8.631	2266	2283	2318	rBV2	238313	506979	55.69%	2.960%
25	8.859	2345	2354	2363	rVB2	23797	36372	4.00%	0.212%
26	8.920	2363	2373	2384	rBV2	36015	63057	6.93%	0.368%
27	9.158	2438	2447	2460	rBV3	11551	19917	2.19%	0.116%
28	9.412	2515	2526	2548	rBV2	193029	397430	43.66%	2.320%
29	9.505	2548	2555	2563	rVV3	20883	34682	3.81%	0.202%
30	9.566	2563	2574	2587	rVV2	42896	80223	8.81%	0.468%
31	9.698	2587	2615	2627	rVV5	59439	166416	18.28%	0.972%
32	9.885	2659	2673	2685	rBB2	26078	47716	5.24%	0.279%
33	10.029	2694	2718	2724	rBV8	50397	123072	13.52%	0.719%
34	10.100	2736	2740	2755	rVB4	19234	42085	4.62%	0.246%
35	10.229	2766	2780	2784	rBV7	32405	59132	6.50%	0.345%
36	10.267	2784	2792	2805	rVB	157172	265431	29.16%	1.550%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
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Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	10.364	2810	2822	2838	rVB	53531	133397	14.65%	0.779%
38	10.480	2850	2858	2866	rVB	56842	83418	9.16%	0.487%
39	10.695	2913	2925	2933	rBV2	123436	220586	24.23%	1.288%
40	10.750	2933	2942	2952	rVV	101532	178659	19.63%	1.043%
41	10.807	2952	2960	2972	rVB5	124590	217896	23.94%	1.272%
42	10.894	2975	2987	2997	rBV2	171839	347409	38.16%	2.028%
43	11.020	3016	3026	3036	rBV3	75427	125075	13.74%	0.730%
44	11.094	3042	3049	3055	rBV2	31141	41472	4.56%	0.242%
45	11.177	3068	3075	3087	rVB6	34363	61546	6.76%	0.359%
46	11.290	3097	3110	3128	rBV3	328975	651403	71.55%	3.803%
47	11.412	3130	3148	3154	rBV3	32382	69206	7.60%	0.404%
48	11.460	3155	3163	3175	rBV6	23719	56453	6.20%	0.330%
49	11.602	3197	3207	3210	rBV5	64184	101240	11.12%	0.591%
50	11.634	3211	3217	3230	rVB2	148846	244208	26.83%	1.426%
51	11.711	3234	3241	3246	rBV3	26533	39093	4.29%	0.228%
52	11.807	3257	3271	3284	rBV2	233807	477712	52.48%	2.789%
53	11.891	3289	3297	3305	rVB	85169	132009	14.50%	0.771%
54	12.004	3324	3332	3346	rVB	80481	147681	16.22%	0.862%
55	12.090	3348	3359	3369	rBV2	212215	349225	38.36%	2.039%
56	12.200	3377	3393	3410	rVB4	320268	910353	100.00%	5.315%
57	12.296	3412	3423	3436	rBV	294649	478881	52.60%	2.796%
58	12.370	3436	3446	3459	rVB	398623	625023	68.66%	3.649%
59	12.473	3461	3478	3488	rBV9	23475	85116	9.35%	0.497%
60	12.608	3512	3520	3532	rBV3	67059	131813	14.48%	0.770%
61	12.679	3533	3542	3559	rVV3	200941	435145	47.80%	2.540%
62	12.756	3559	3566	3577	rVB2	116382	191017	20.98%	1.115%
63	12.859	3578	3598	3613	rVB	224233	468964	51.51%	2.738%
64	12.939	3613	3623	3630	rBV	102291	173076	19.01%	1.010%
65	13.026	3641	3650	3665	rVB3	53854	119246	13.10%	0.696%
66	13.110	3666	3676	3689	rVB2	171573	290441	31.90%	1.696%
67	13.196	3695	3703	3707	rBV	23618	35490	3.90%	0.207%
68	13.248	3708	3719	3732	rVV3	348828	606403	66.61%	3.540%
69	13.322	3733	3742	3755	rVV	103711	183531	20.16%	1.071%
70	13.393	3755	3764	3774	rVV4	57490	99780	10.96%	0.583%
71	13.450	3774	3782	3790	rVV	68901	116065	12.75%	0.678%
72	13.505	3791	3799	3815	rVB3	95655	231069	25.38%	1.349%
73	13.585	3818	3824	3828	rBV5	21264	27628	3.03%	0.161%
74	13.624	3829	3836	3848	rVB4	47905	84309	9.26%	0.492%
75	13.724	3860	3867	3874	rBV2	28267	45514	5.00%	0.266%
76	13.778	3877	3884	3891	rVB3	33194	55310	6.08%	0.323%

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Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

77	13.836	3891	3902	3909	rBV4	125878	264600	29.07%	1.545%
78	13.907	3918	3924	3928	rBV	105039	125829	13.82%	0.735%
79	14.052	3959	3969	3978	rBV	70080	118917	13.06%	0.694%
80	14.110	3980	3987	4000	rVB3	46078	92630	10.18%	0.541%
81	14.184	4000	4010	4023	rVB4	110689	188353	20.69%	1.100%
82	14.280	4023	4040	4051	rBV2	207570	381720	41.93%	2.229%
83	14.344	4051	4060	4068	rBV3	63913	104611	11.49%	0.611%
84	14.389	4069	4074	4090	rVB5	46956	92437	10.15%	0.540%
85	14.479	4090	4102	4108	rBV3	70463	134401	14.76%	0.785%
86	14.659	4148	4158	4183	rVB2	185893	370107	40.66%	2.161%
87	14.756	4184	4188	4194	rBV3	17579	18976	2.08%	0.111%
88	14.804	4194	4203	4213	rVB	184359	286614	31.48%	1.673%
89	14.872	4214	4224	4235	rVB2	171713	296595	32.58%	1.732%
90	14.933	4235	4243	4258	rVB3	68059	122738	13.48%	0.717%
91	15.020	4258	4270	4281	rBV6	115913	240227	26.39%	1.402%
92	15.145	4302	4309	4316	rBV5	21287	34030	3.74%	0.199%
93	15.190	4316	4323	4328	rBV4	40175	62824	6.90%	0.367%
94	15.267	4340	4347	4358	rVB2	80993	136785	15.03%	0.799%
95	15.338	4363	4369	4378	rVB3	23880	34533	3.79%	0.202%
96	15.418	4389	4394	4399	rBV3	17298	20068	2.20%	0.117%
97	15.457	4400	4406	4415	rVB3	45089	66414	7.30%	0.388%
98	15.592	4442	4448	4459	rVB6	22286	36192	3.98%	0.211%
99	15.923	4538	4551	4564	rBV2	115837	204737	22.49%	1.195%
100	16.148	4612	4621	4627	rBV3	19626	29862	3.28%	0.174%

Sum of corrected areas: 17128504

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
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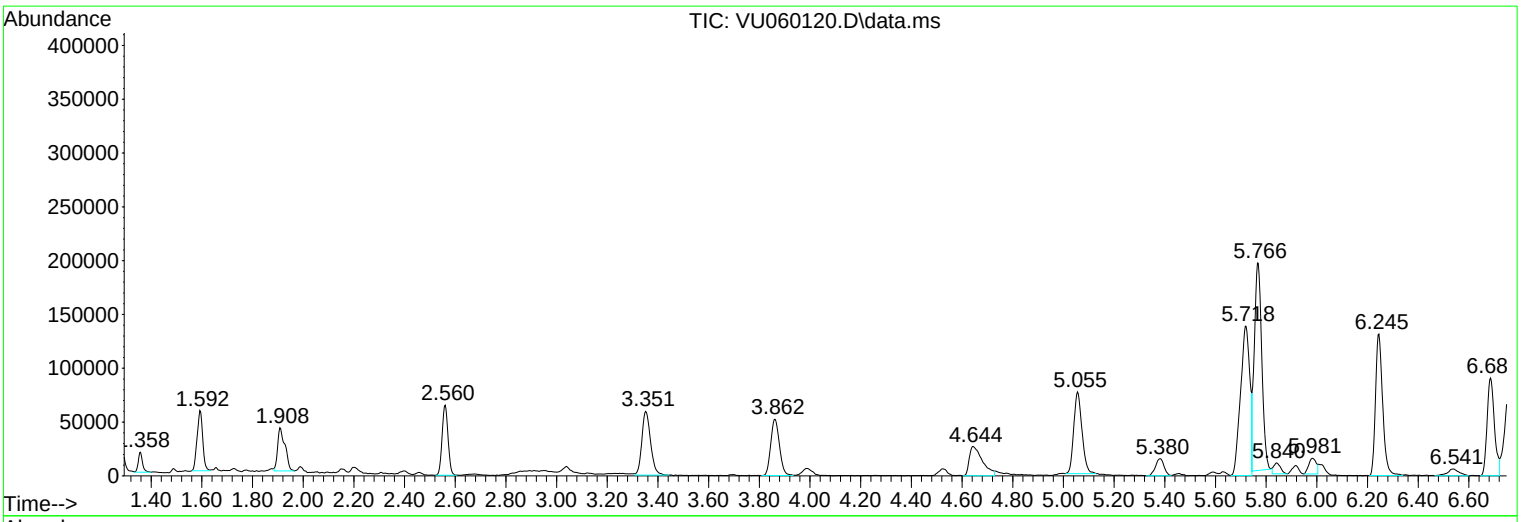
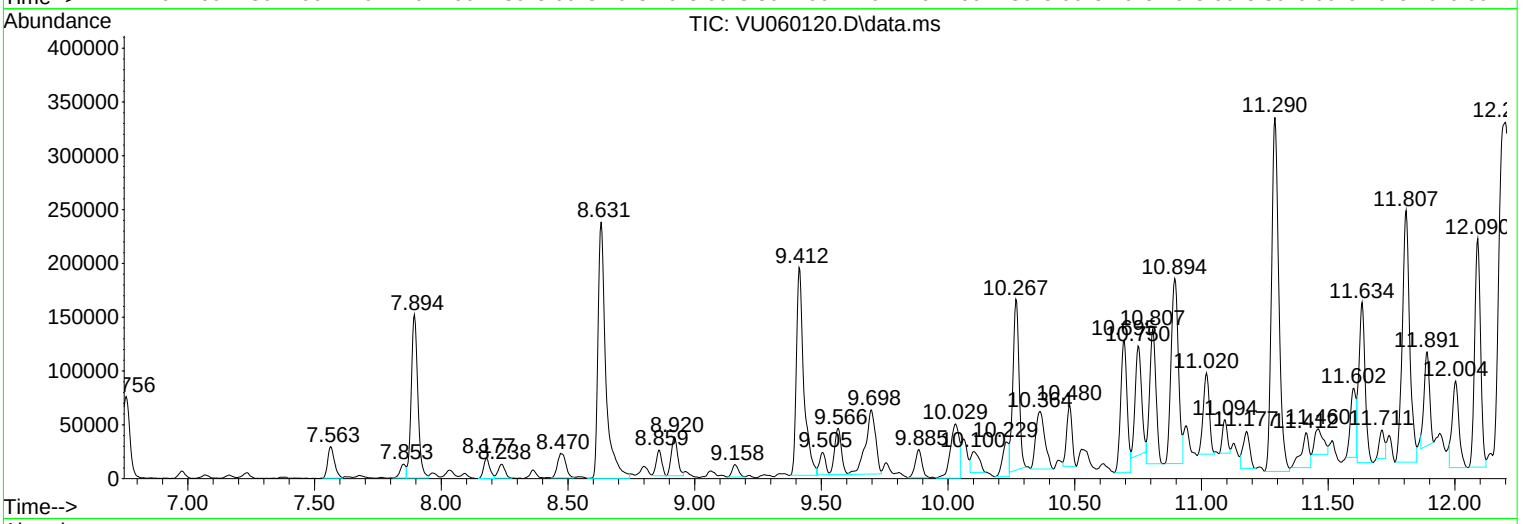
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

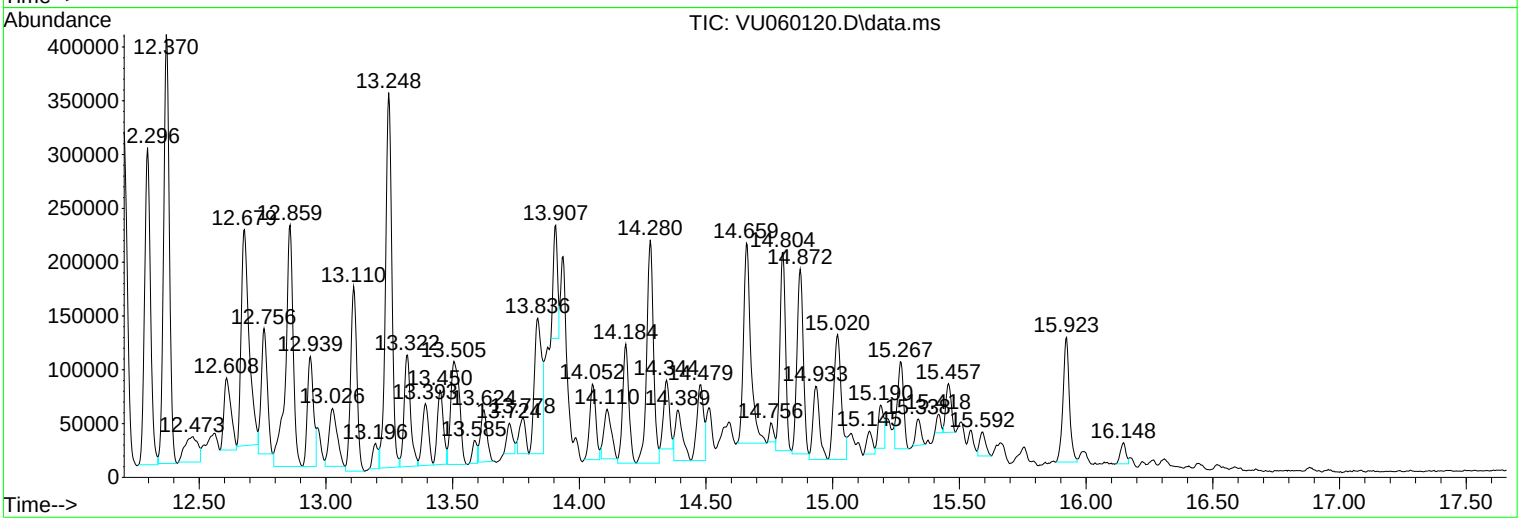
Instrument :
MSVOA_U
ClientSampleId :
YDZD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

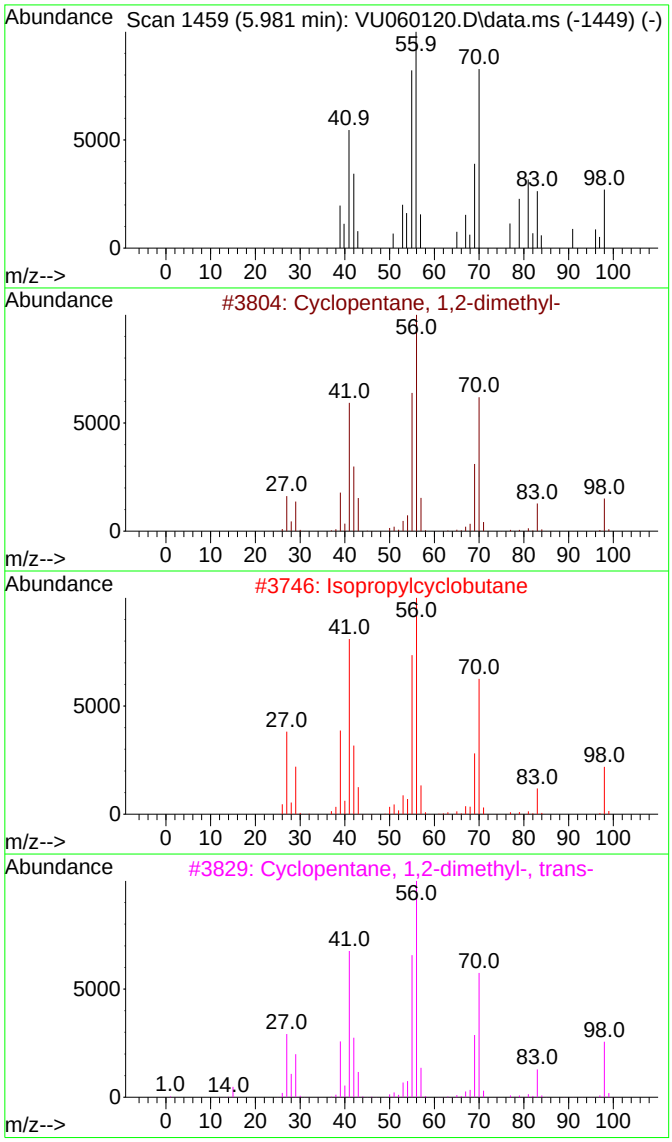
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

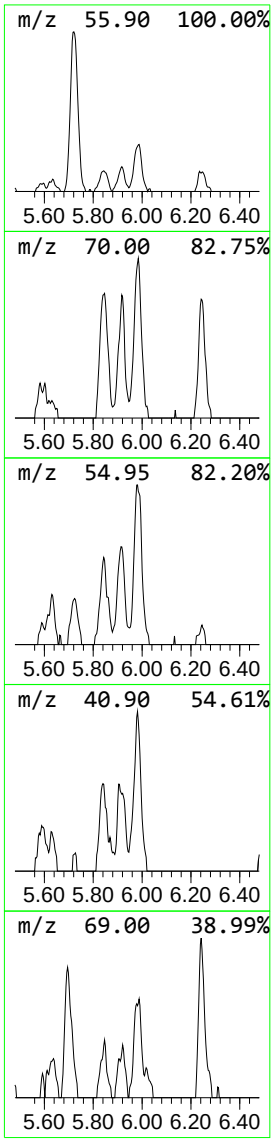
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic5.981 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	0.59 ug/L	30608	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
2	Isopropylcyclobutane	98	C7H14	000872-56-0	74
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	74
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	64





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Operator : MD/SY
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

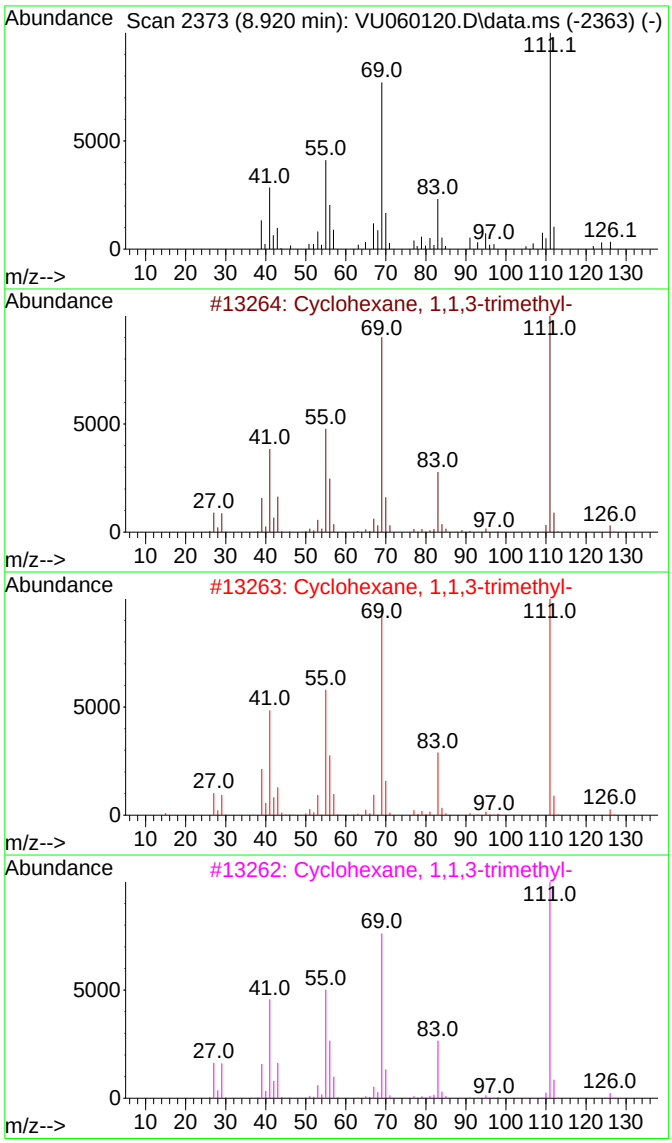
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

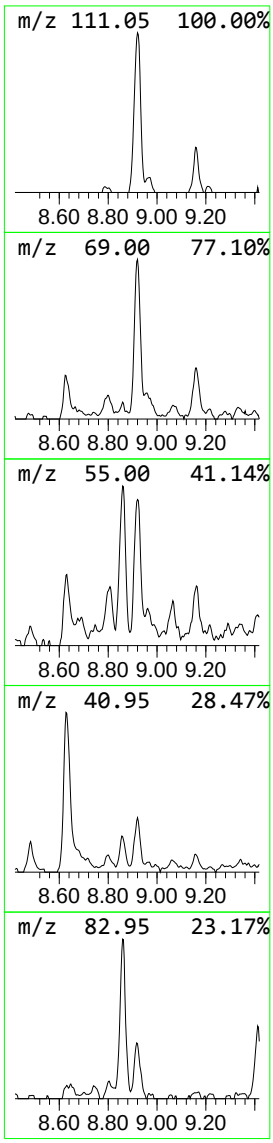
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.920 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.920	0.79 ug/L	63057	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	83





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

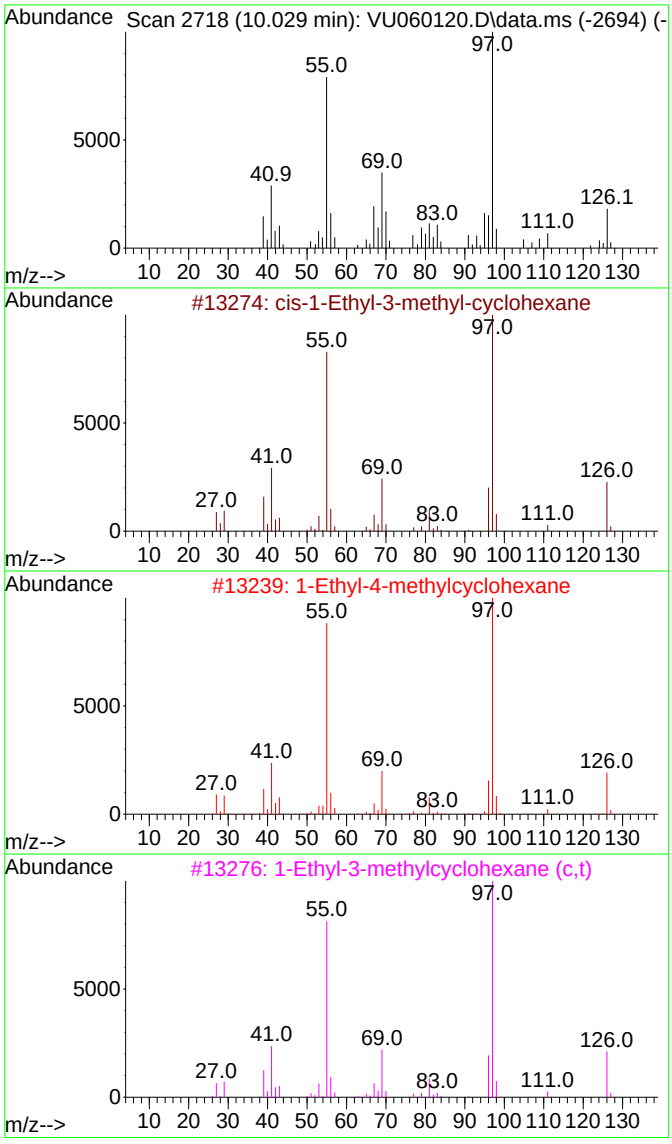
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

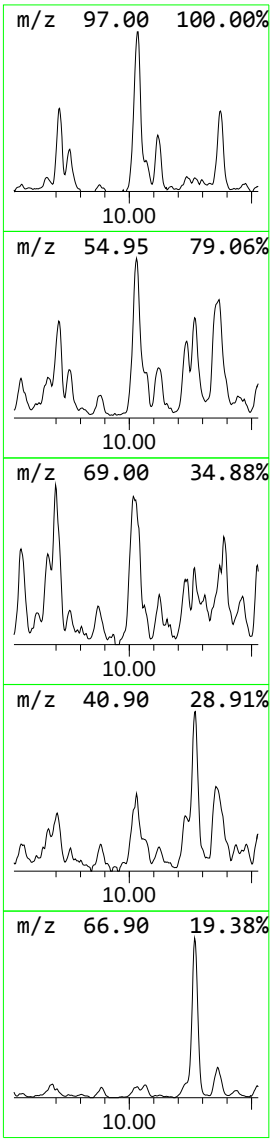
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic10.029 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.029	1.55 ug/L	123072	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4	Methoxyacetic acid, 1-cyclopenty...	186	C10H18O3	1000282-69-5	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

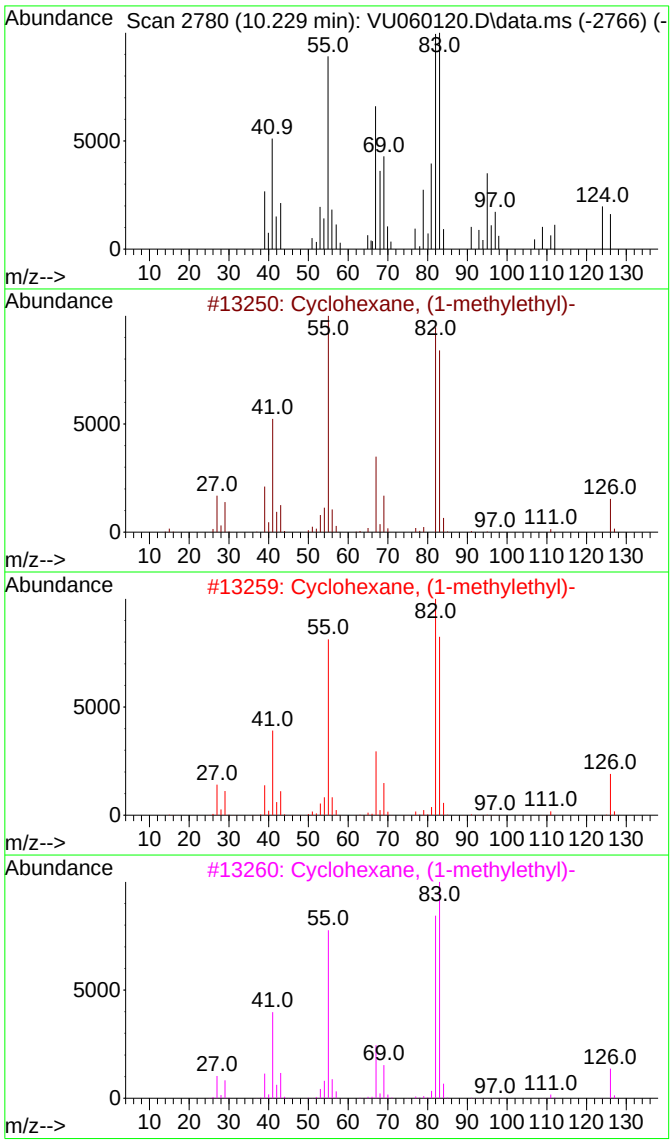
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

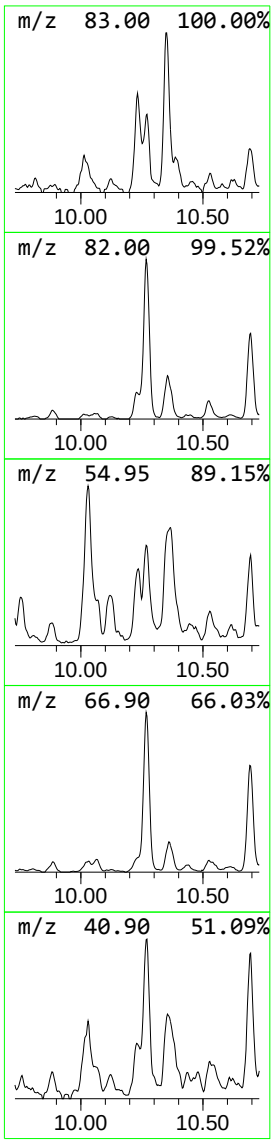
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.229 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.229	0.74 ug/L	59132	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	52
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52





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Data File : VU060120.D
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Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YDZD9

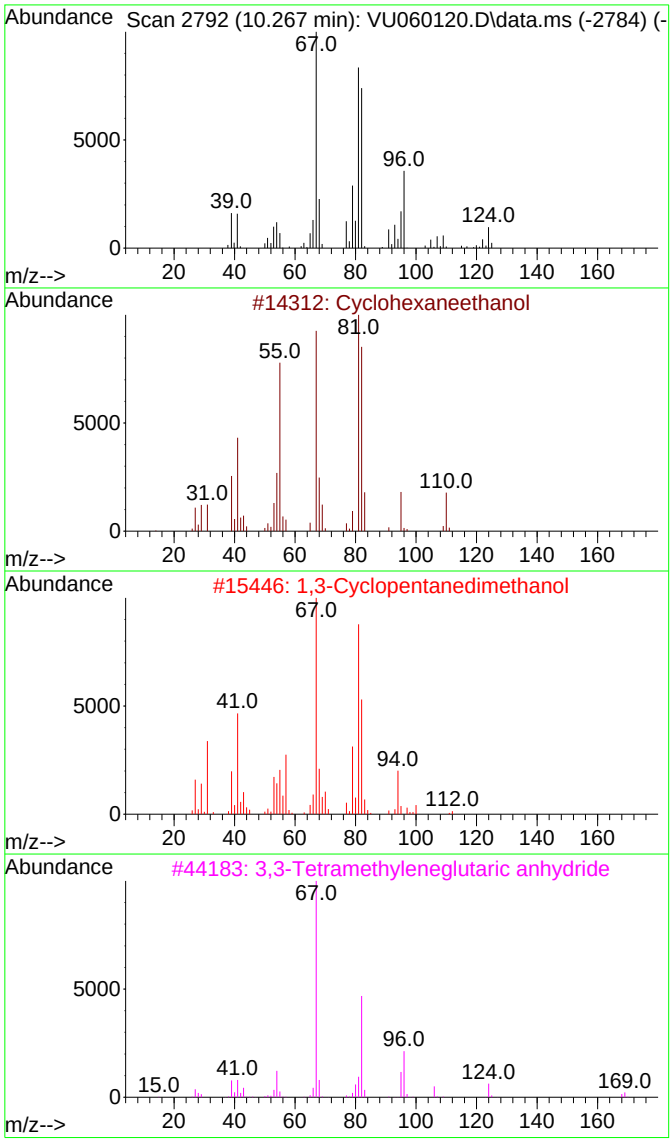
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

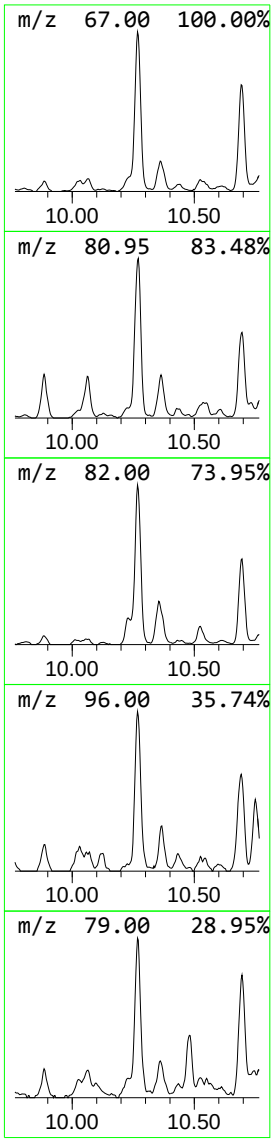
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexaneethanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.267	3.34 ug/L	265431	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol	128	C8H16O	004442-79-9	64
2	1,3-Cyclopentanedimethanol	130	C7H14O2	034957-72-7	59
3	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	50
4	1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	50
5	1H-Indene, octahydro-	124	C9H16	000496-10-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

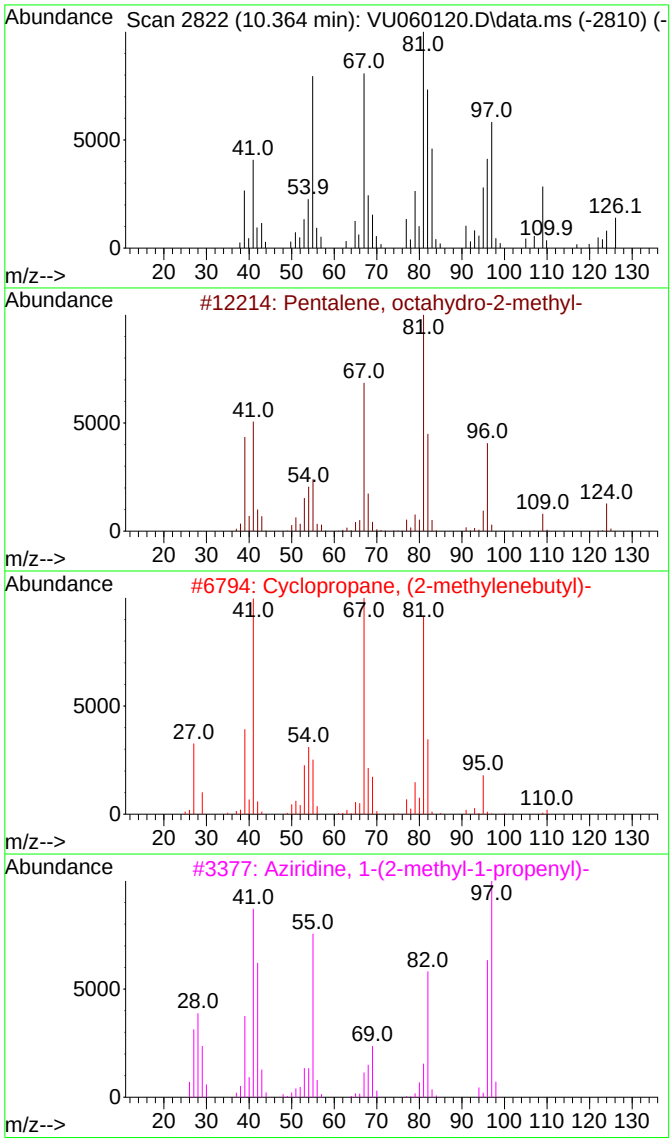
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

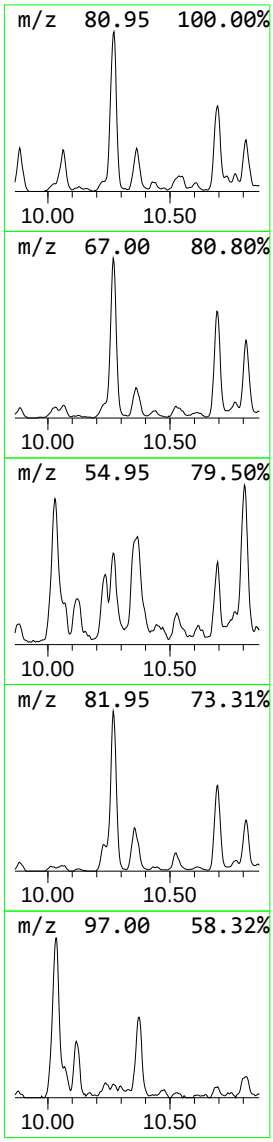
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentalene, octahydro-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.364	1.68 ug/L	133397	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	50
3	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	41
4	1,4-Hexadiene	82	C6H10	000592-45-0	30
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	30





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

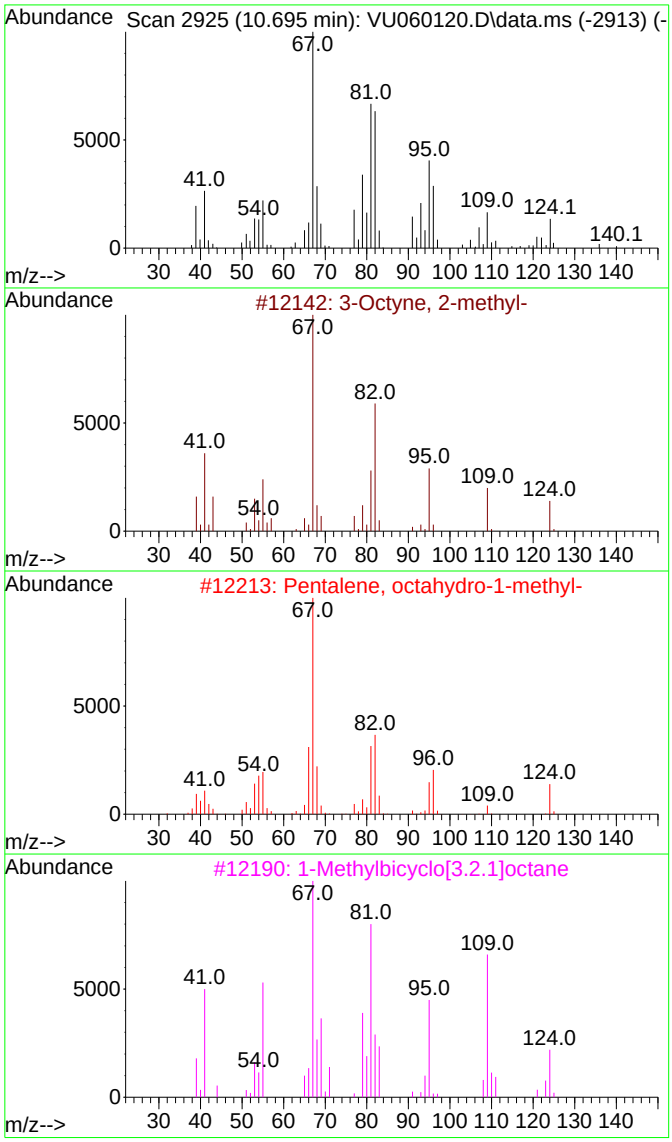
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

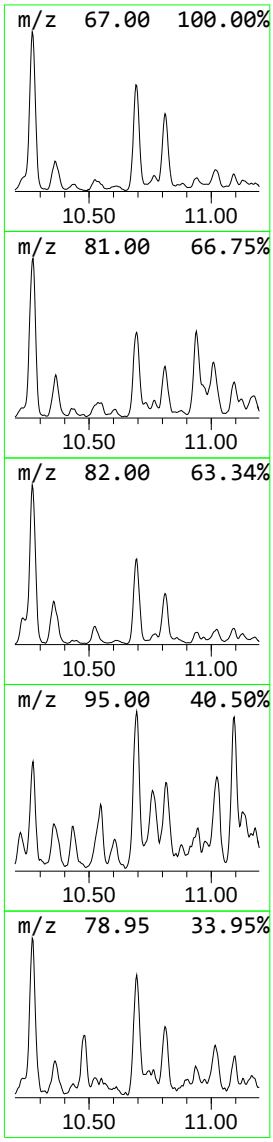
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3-Octyne, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.695	2.31 ug/L	220586	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	52
2	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	43
4	1H-Indene, octahydro-	124	C9H16	000496-10-6	43
5	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	43





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

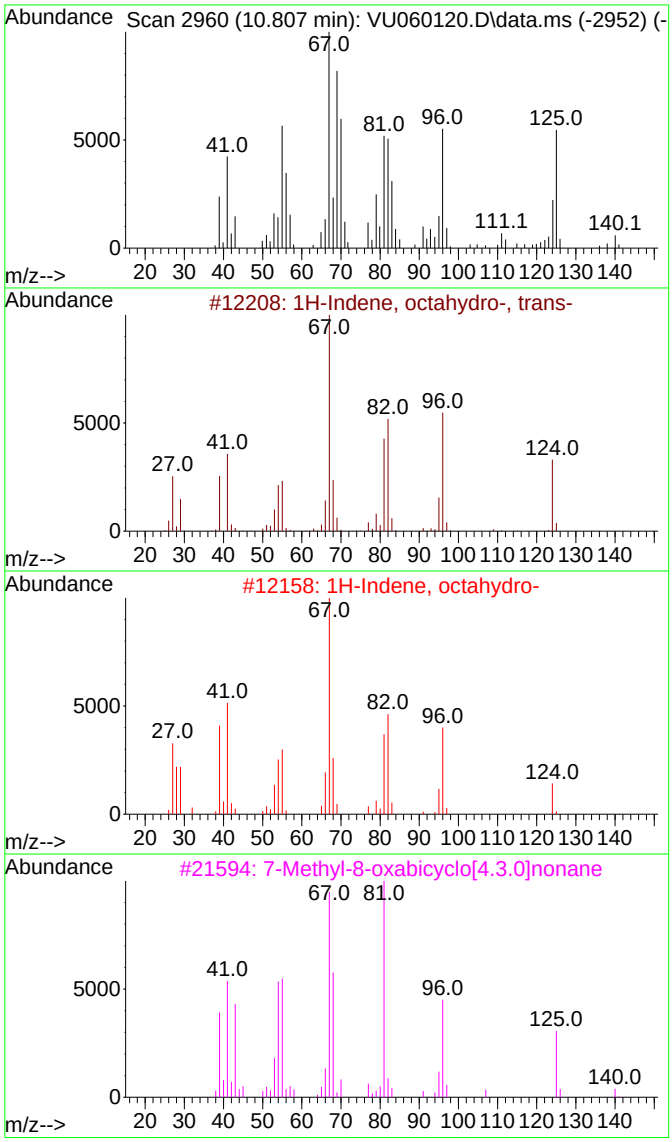
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

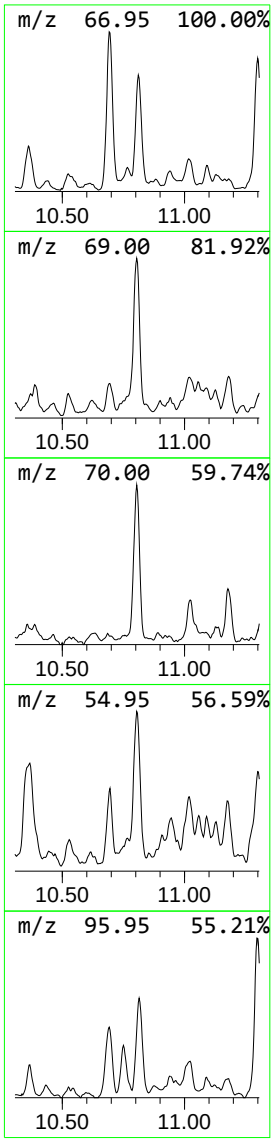
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, octahydro-, trans- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.807	2.28 ug/L	217896	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	50
2	1H-Indene, octahydro-	124	C9H16	000496-10-6	45
3	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	42
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	38
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

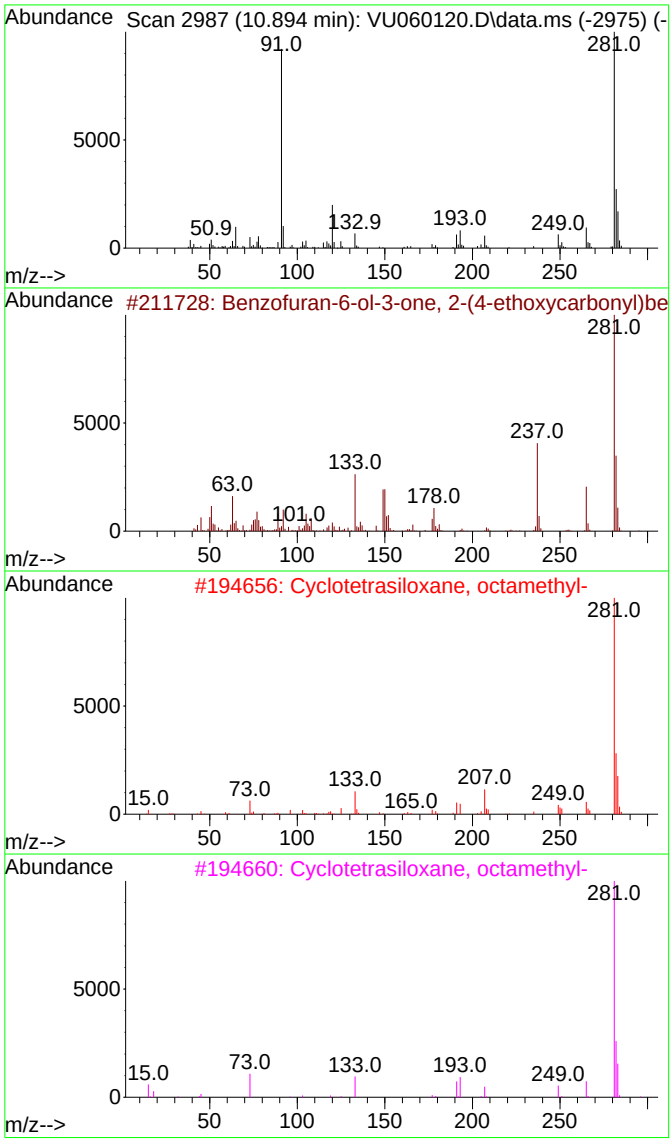
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

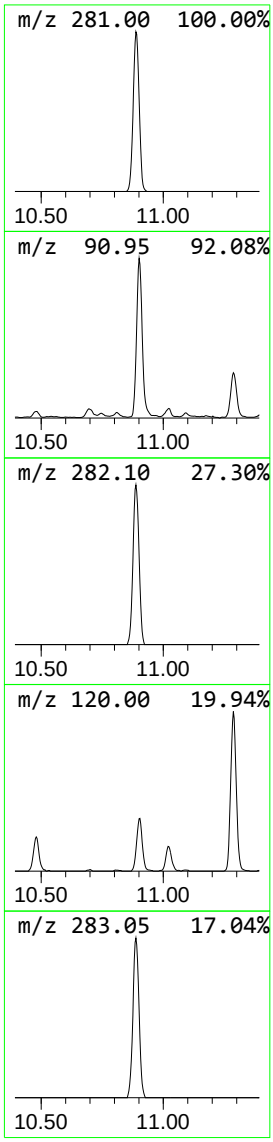
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzofuran-6-ol-3-one, 2-(4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.894	3.64 ug/L	347409	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	59
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	53
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	50
4	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	47
5	5,7-Bis(ethylamino)[1,2,4]triazo...	281	C11H19N7S	1000510-86-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

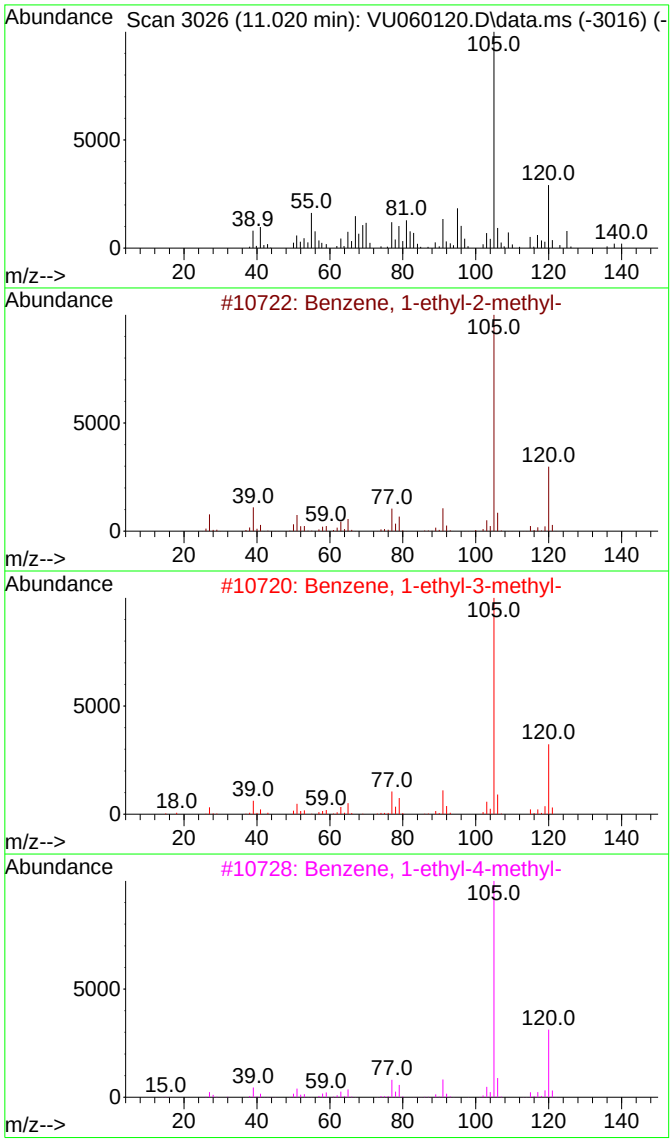
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

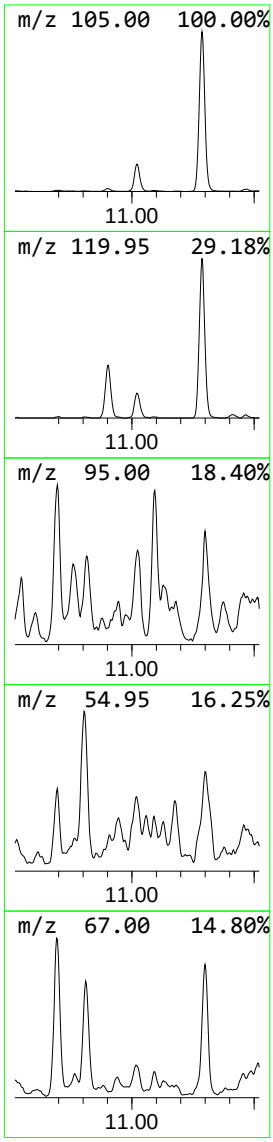
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.020	1.31 ug/L	125075	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

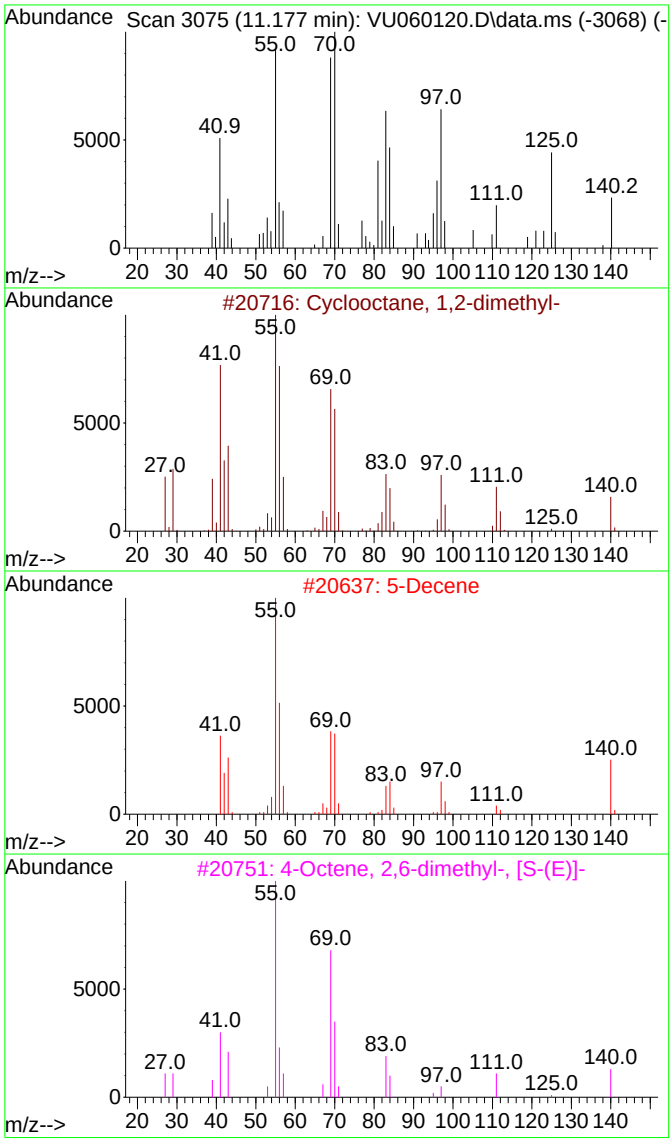
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

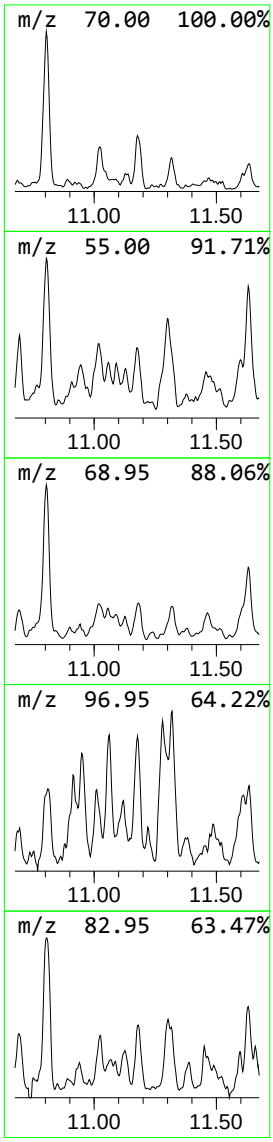
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic11.177 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	0.64 ug/L	61546	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	72
2	5-Decene	140	C10H20	019689-19-1	68
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
4	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	35
5	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	22





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

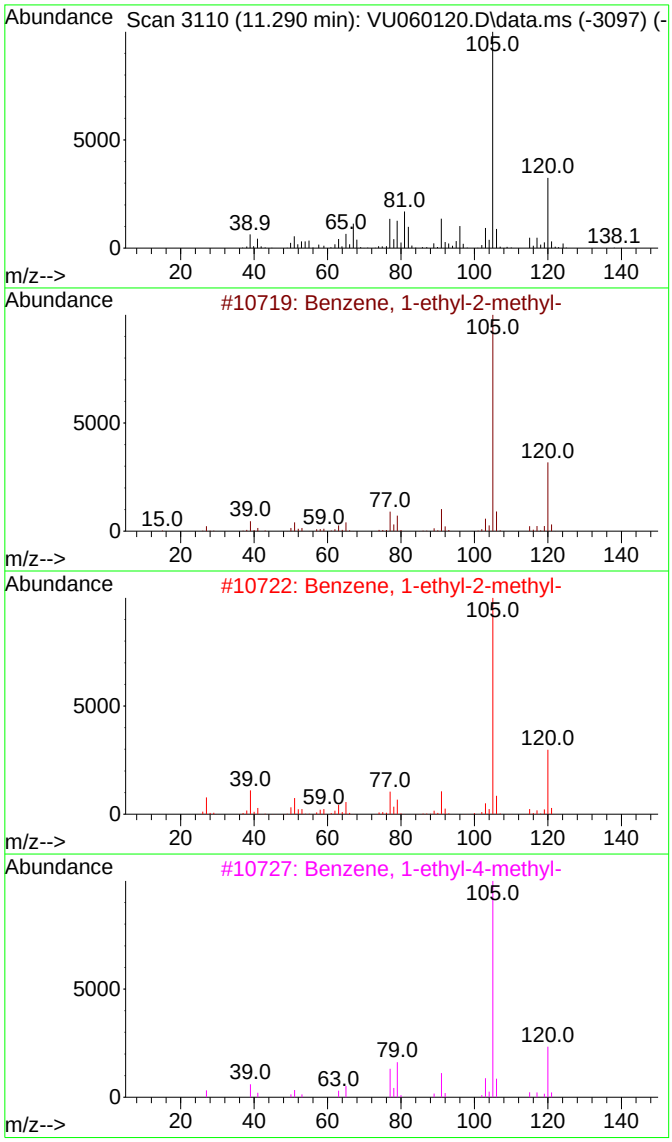
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

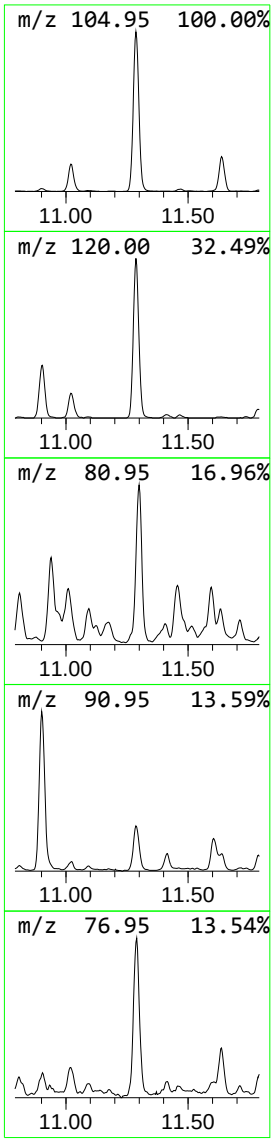
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	6.82 ug/L	651403	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
4	Mesitylene	120	C9H12	000108-67-8	70
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

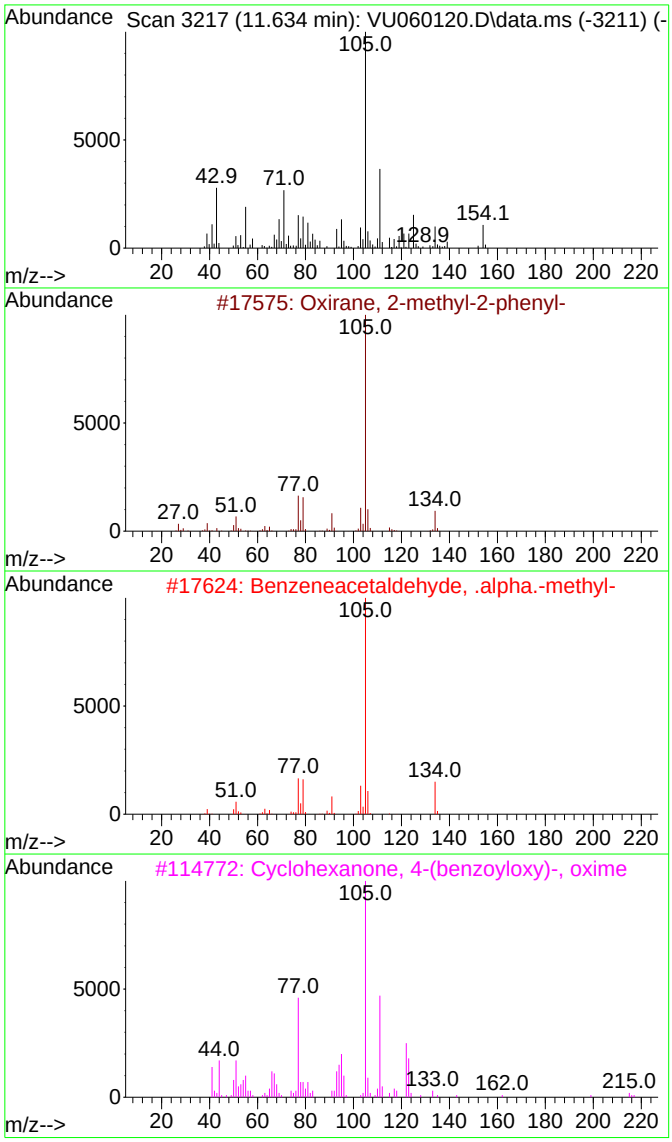
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

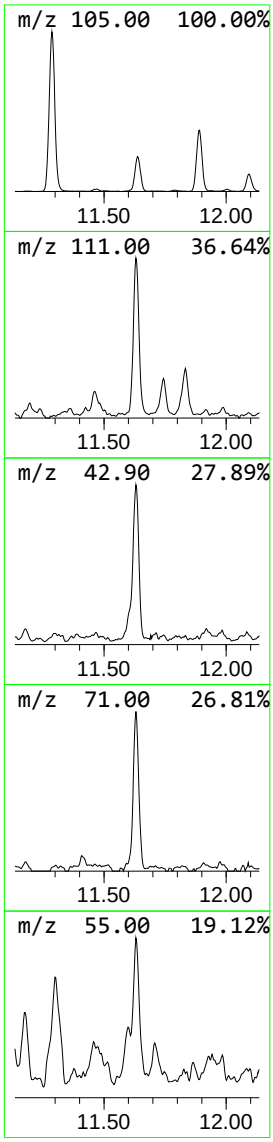
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	2.56 ug/L	244208	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	35
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
3	Cyclohexanone, 4-(benzoyloxy)-, ...	233	C13H15NO3	023968-54-9	22
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	20
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

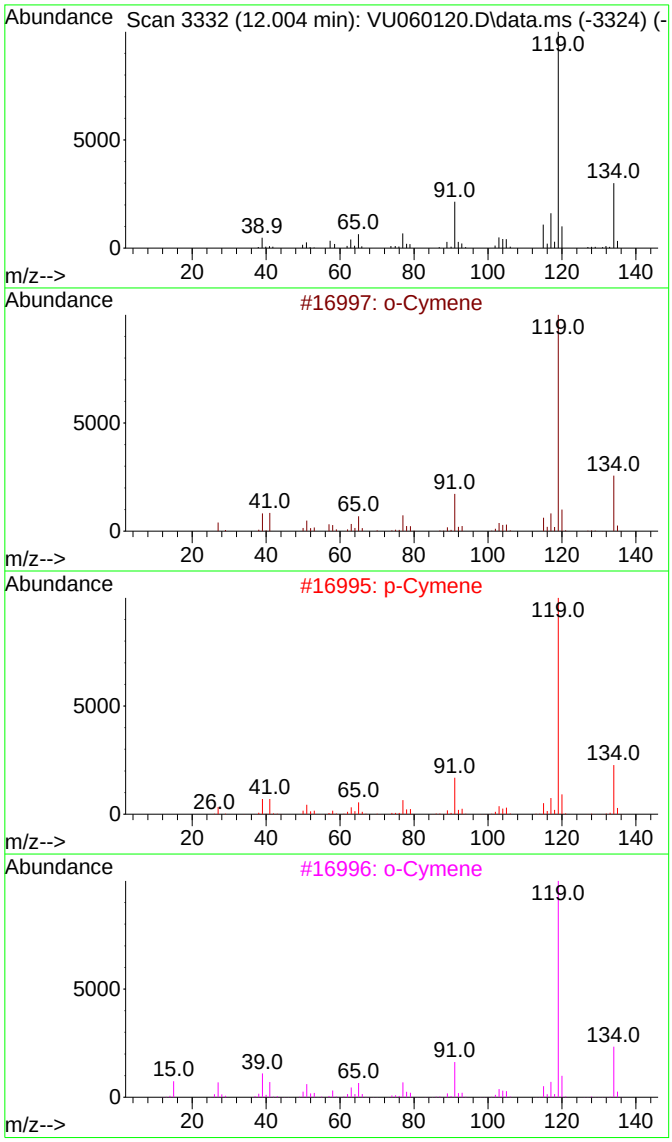
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

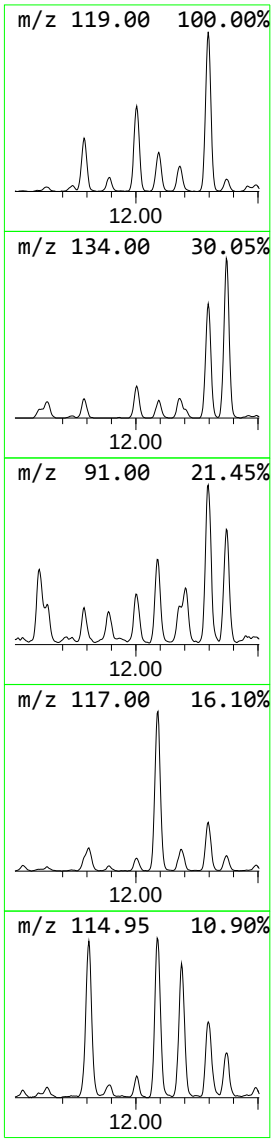
****

Peak Number 21 o-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	1.55 ug/L	147681	1,4-Dichlorobenzene-d4	11.807

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	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

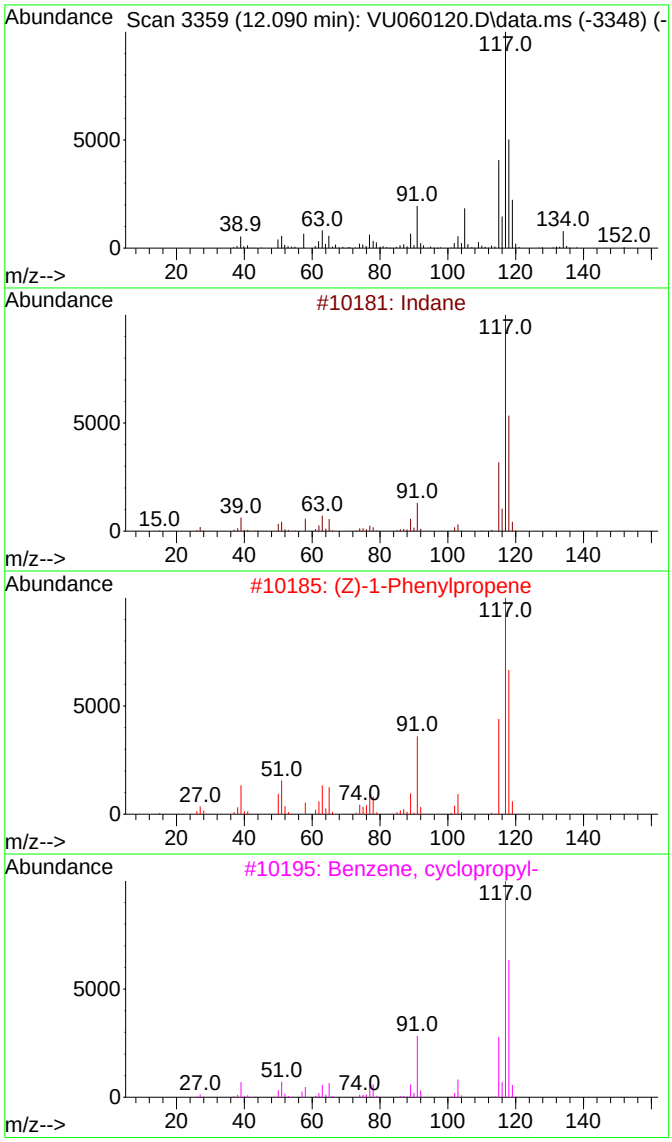
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

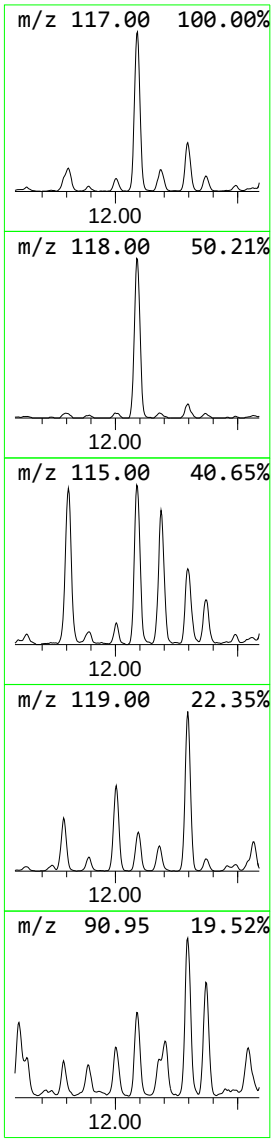
****

Peak Number 22 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	3.66 ug/L	349225	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	52
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

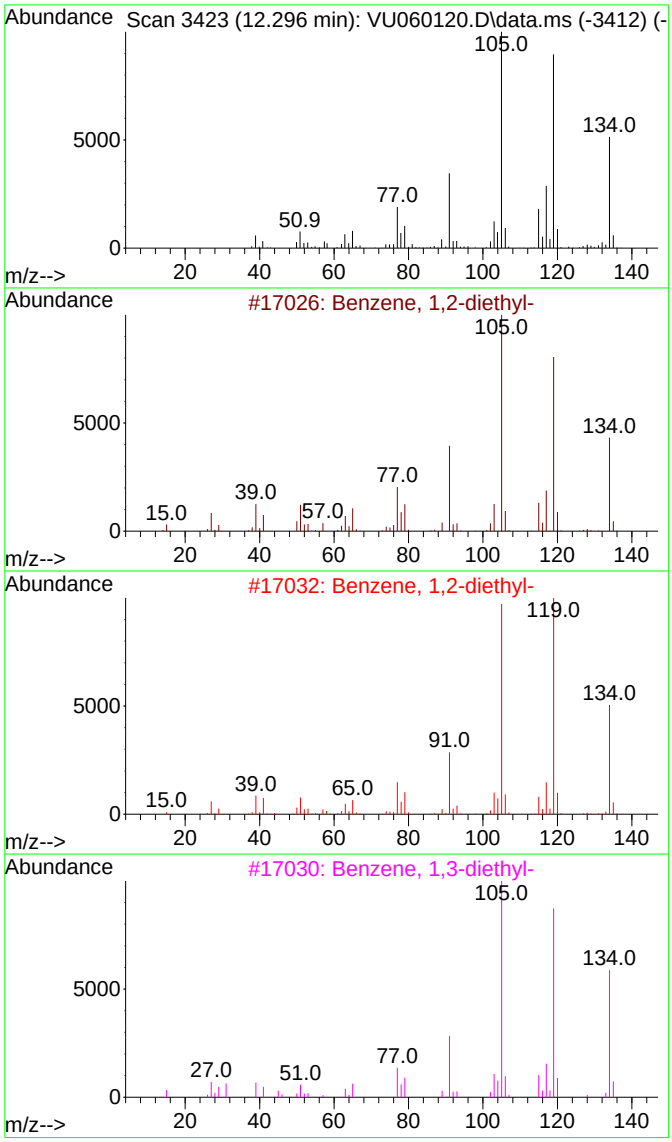
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

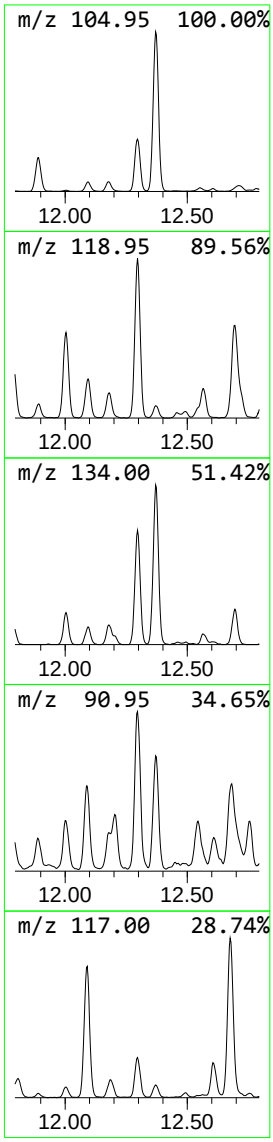
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.296	5.01 ug/L	478881	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

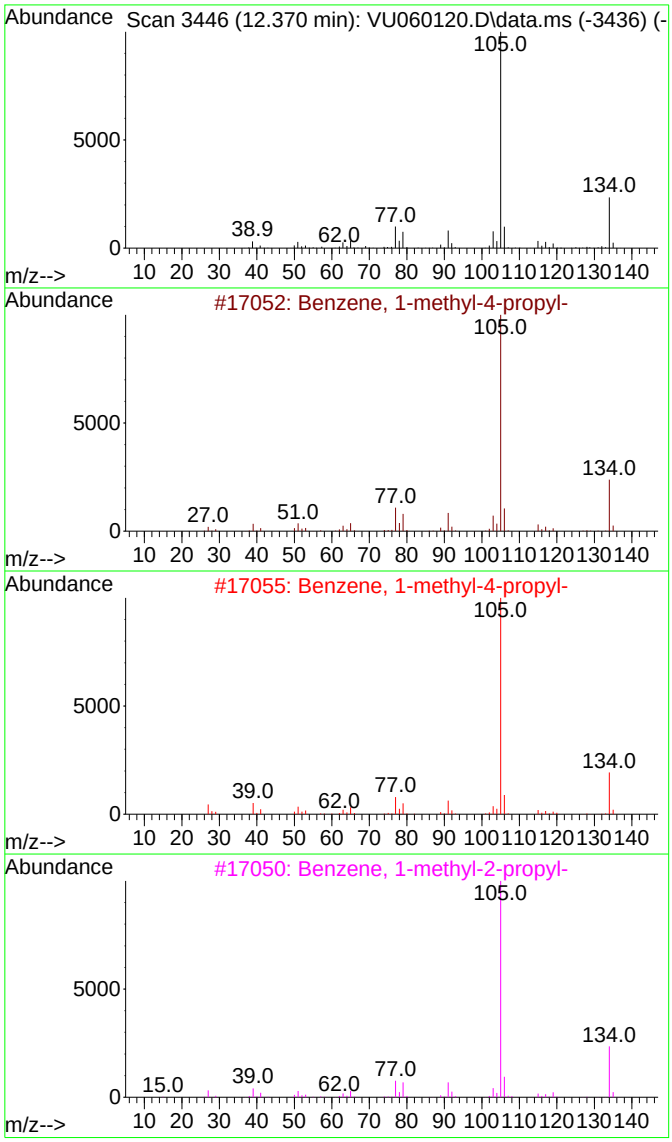
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

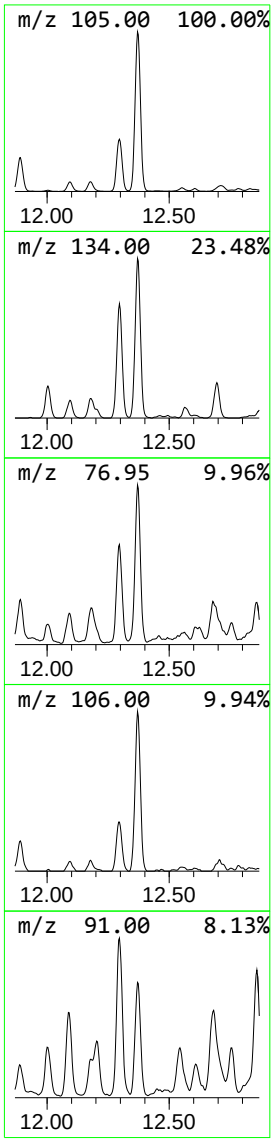
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-methyl-4-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	6.54 ug/L	625023	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

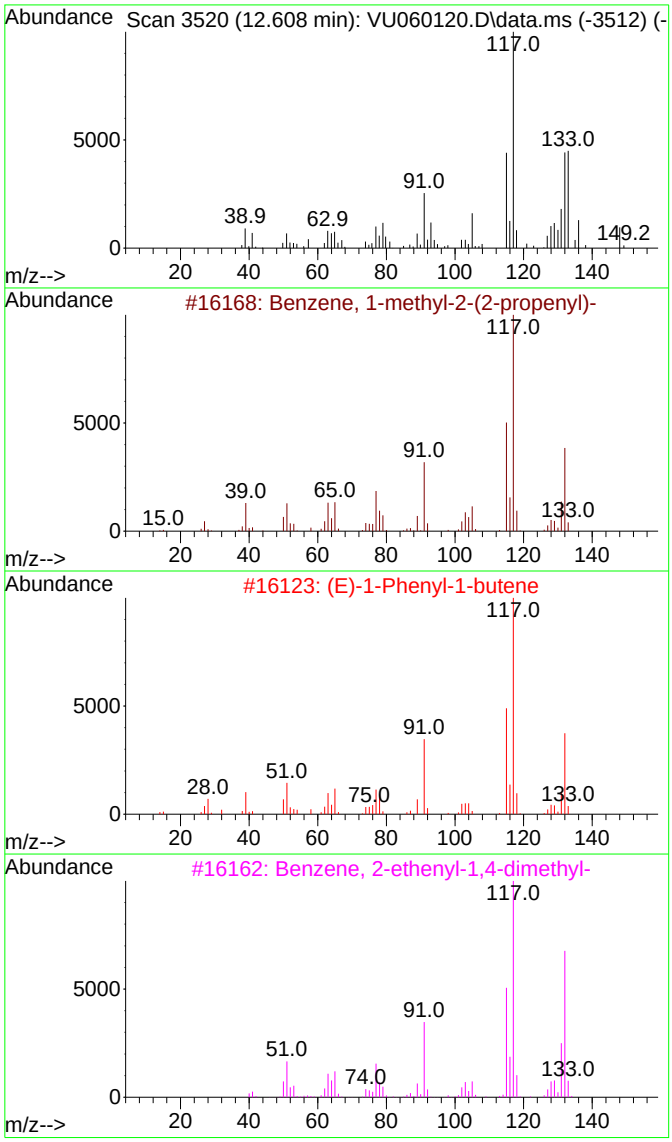
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

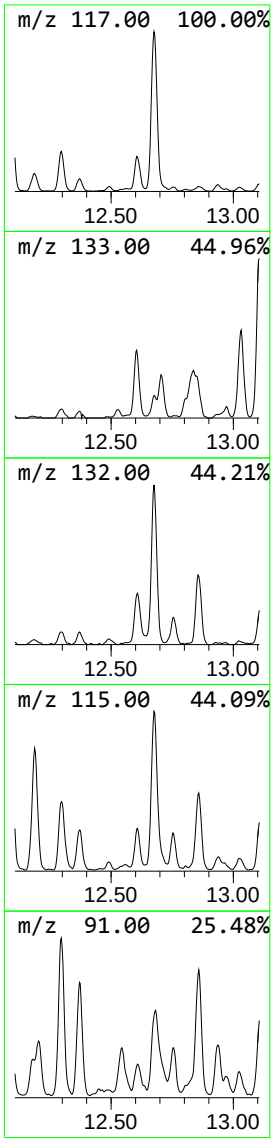
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-2-(2-prop... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.608	1.38 ug/L	131813	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

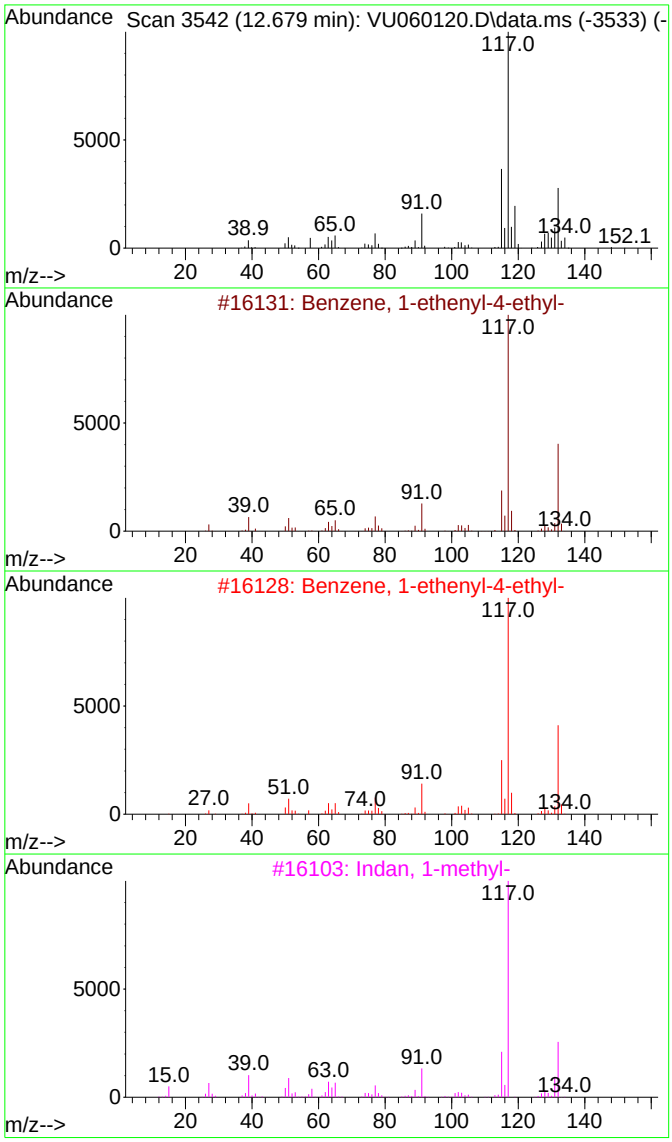
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

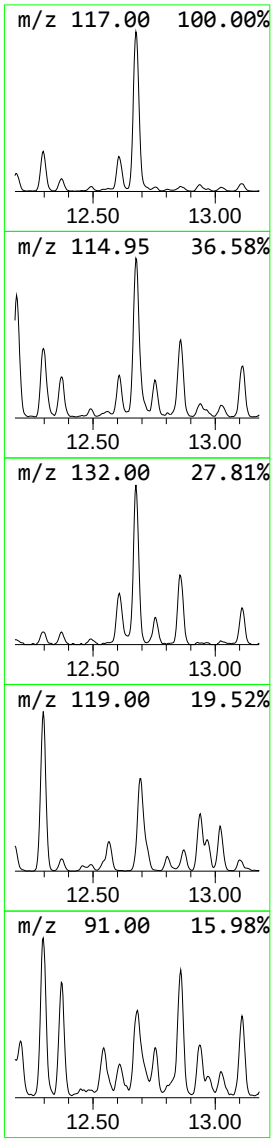
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	4.55 ug/L	435145	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

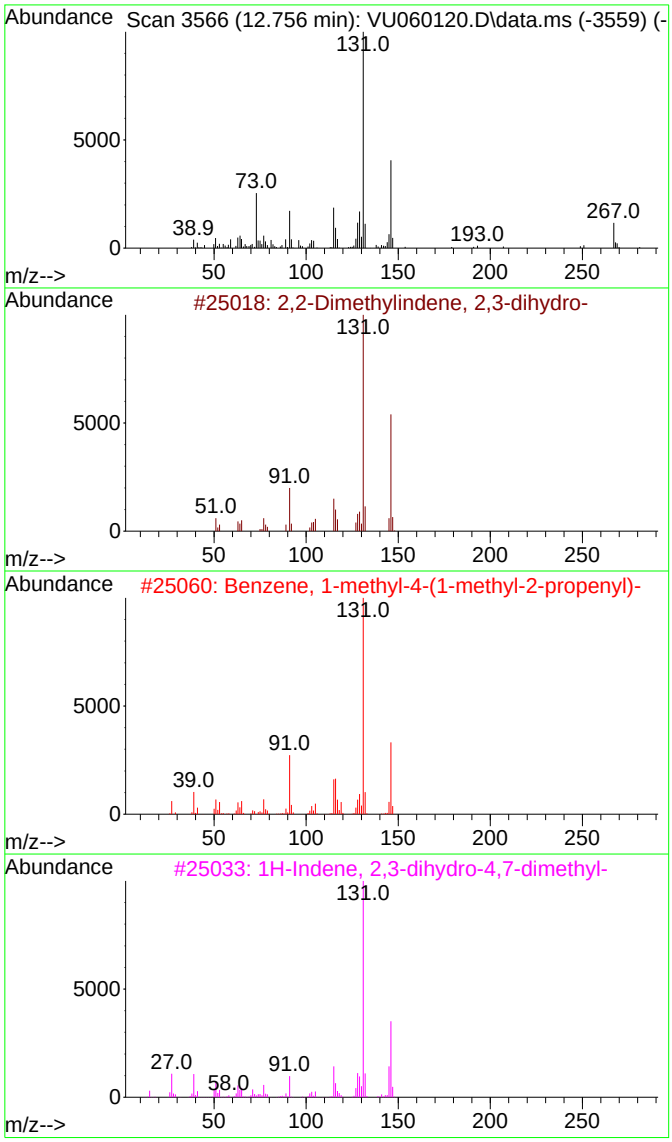
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

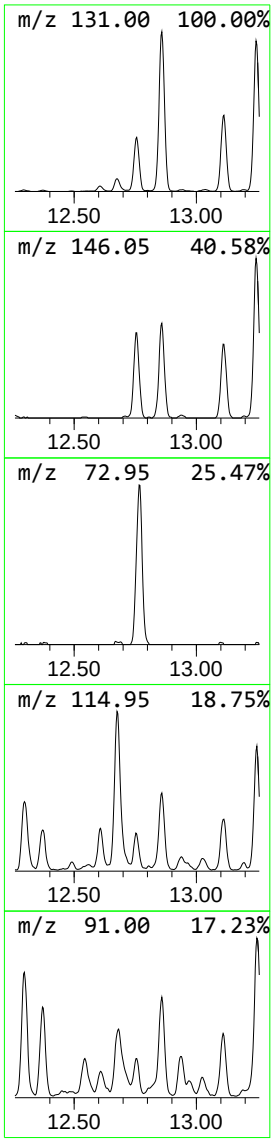
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2-Dimethylindene, 2,3-dih... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.756	2.00 ug/L	191017	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	89
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

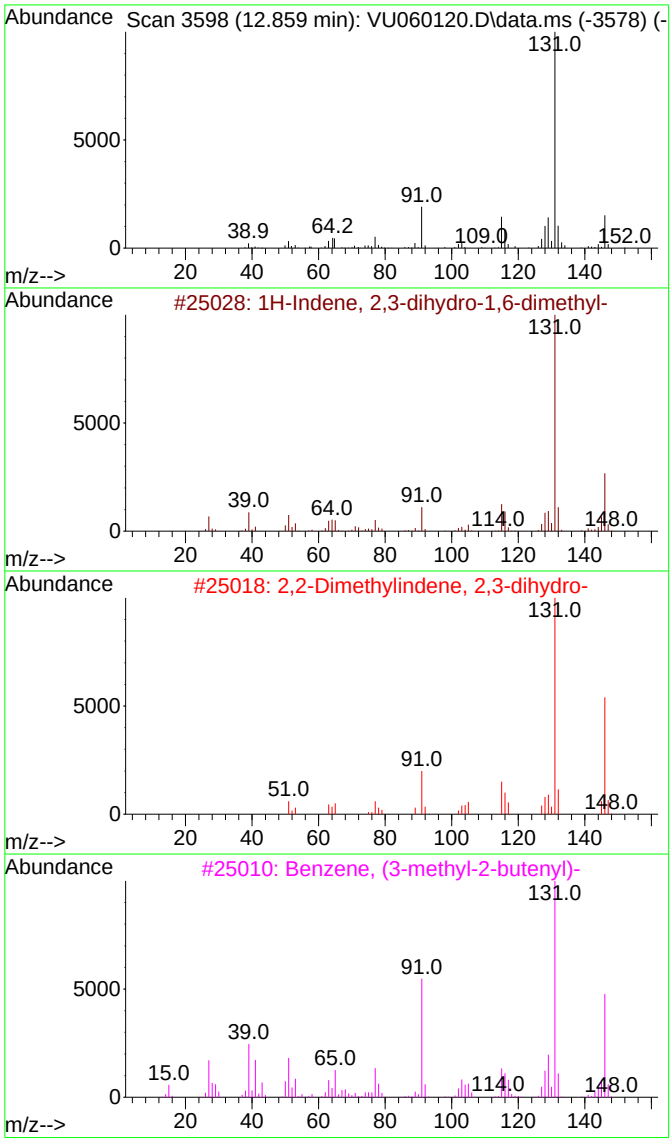
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

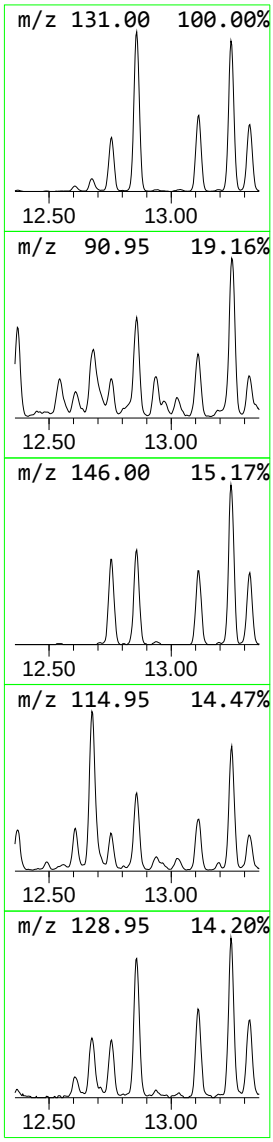
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	4.91 ug/L	468964	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

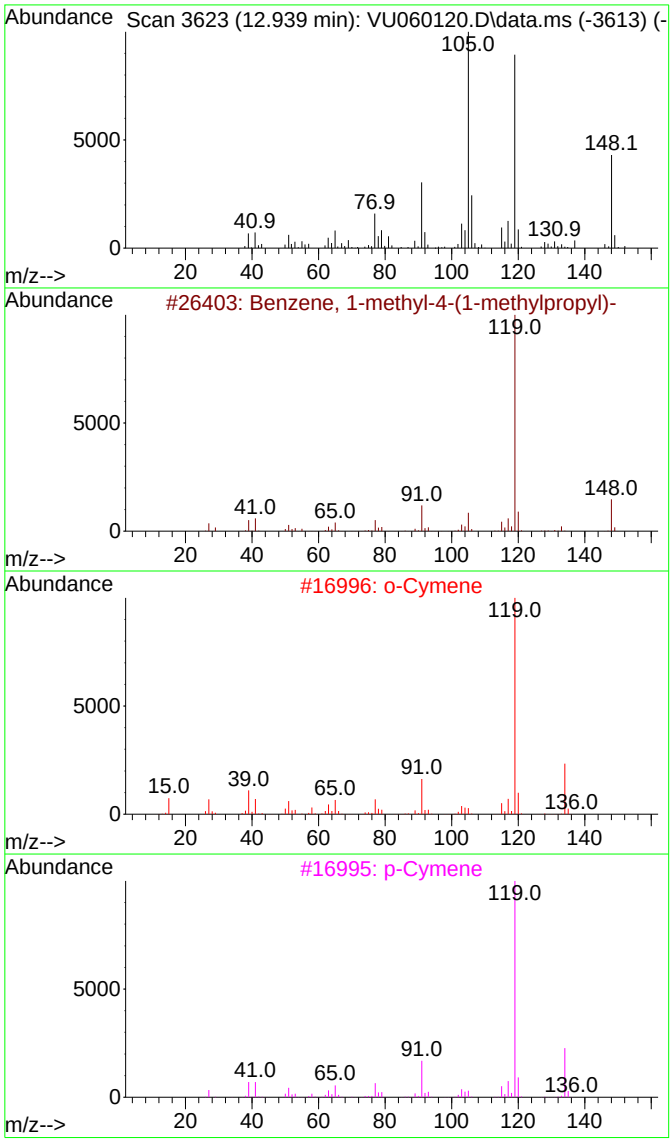
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

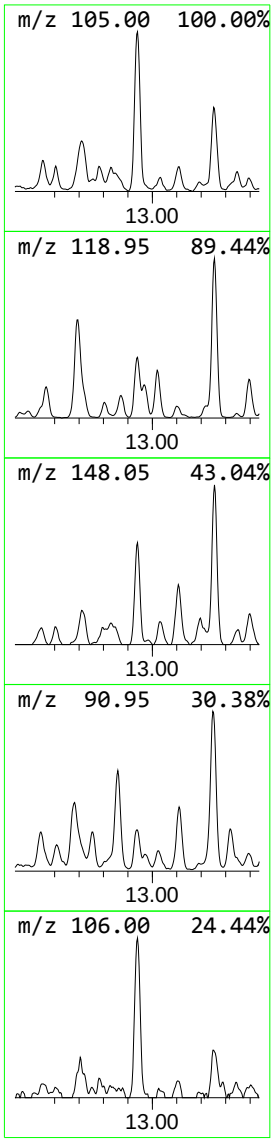
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	1.81 ug/L	173076	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	o-Cymene	134	C10H14	000527-84-4	55
3	p-Cymene	134	C10H14	000099-87-6	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

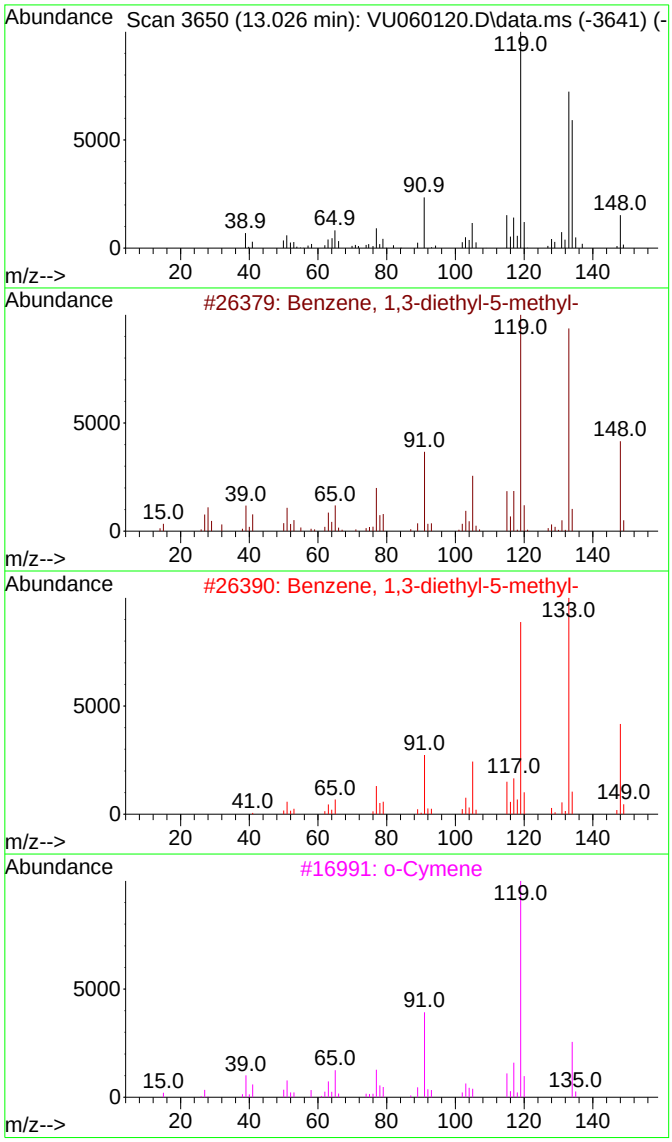
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

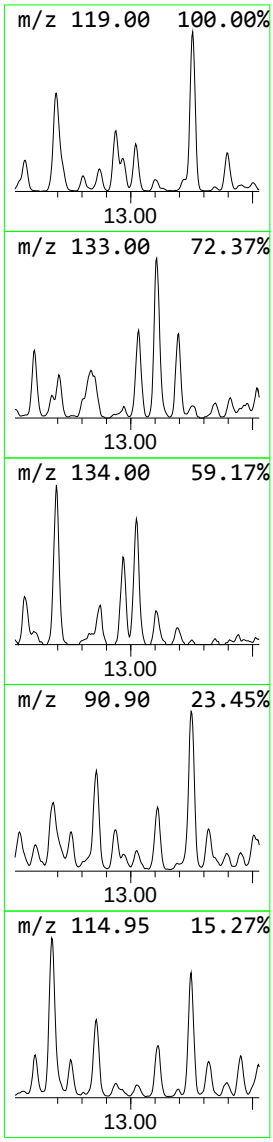
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.026	1.25 ug/L	119246	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

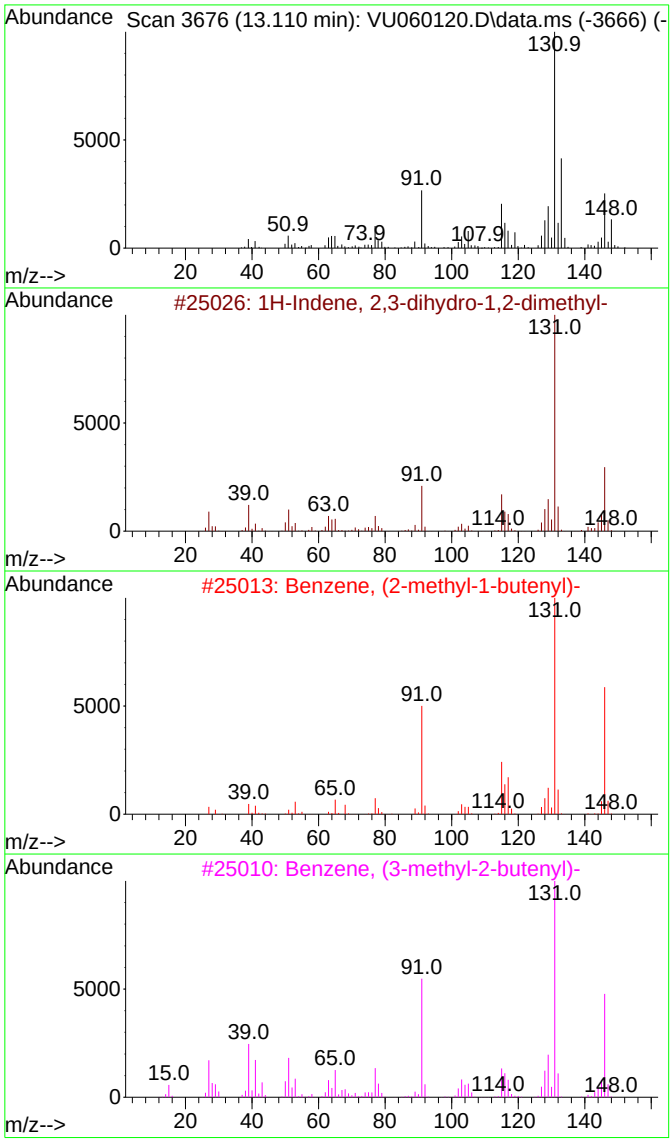
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

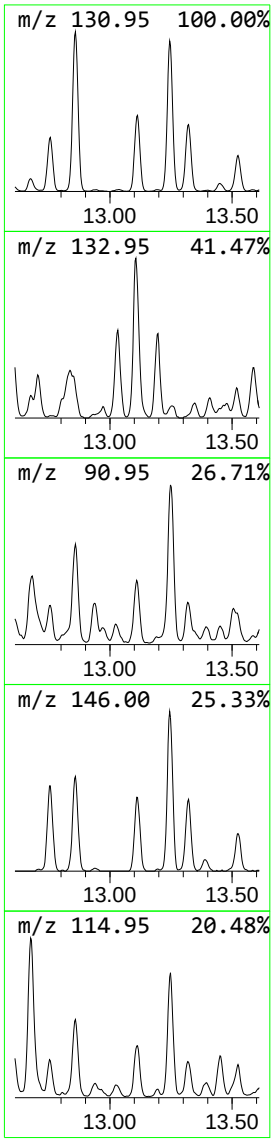
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	3.04 ug/L	290441	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

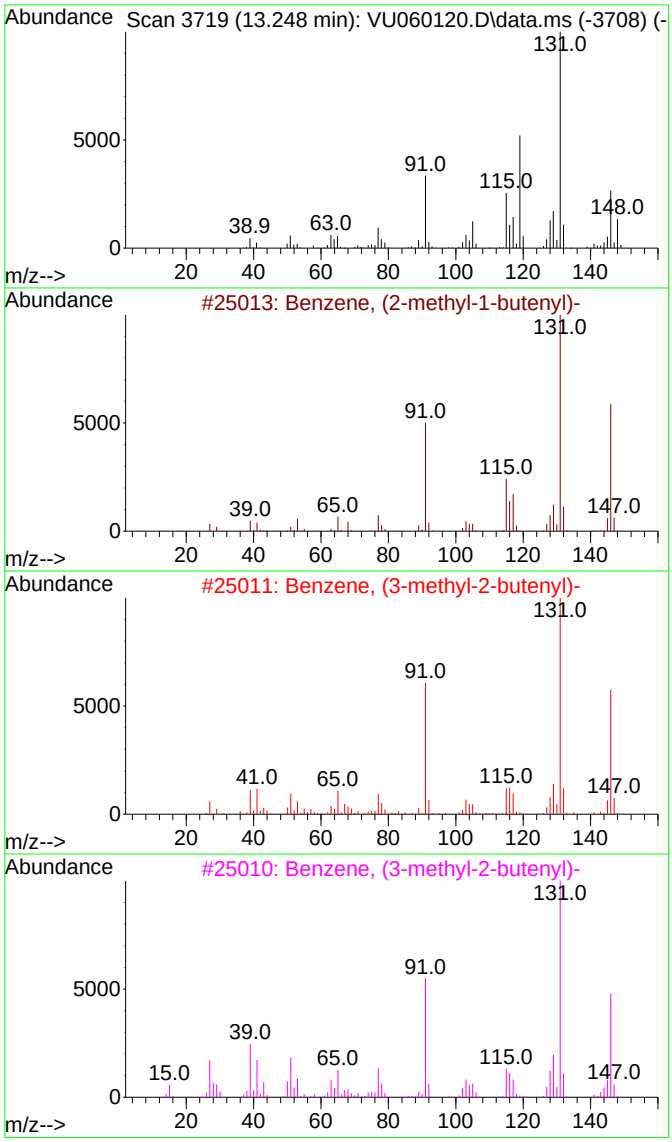
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

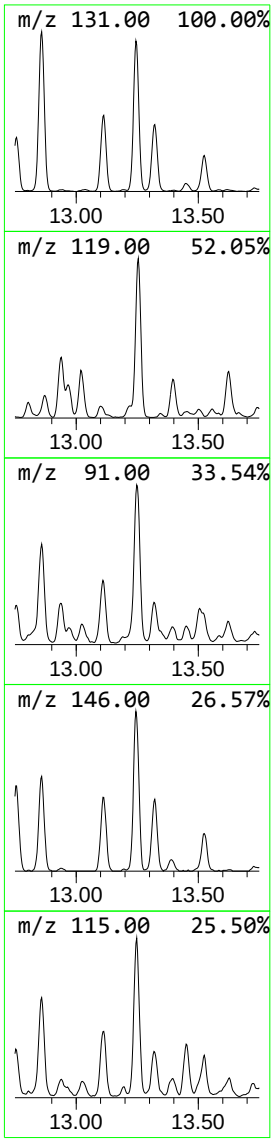
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (2-methyl-1-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	6.35 ug/L	606403	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

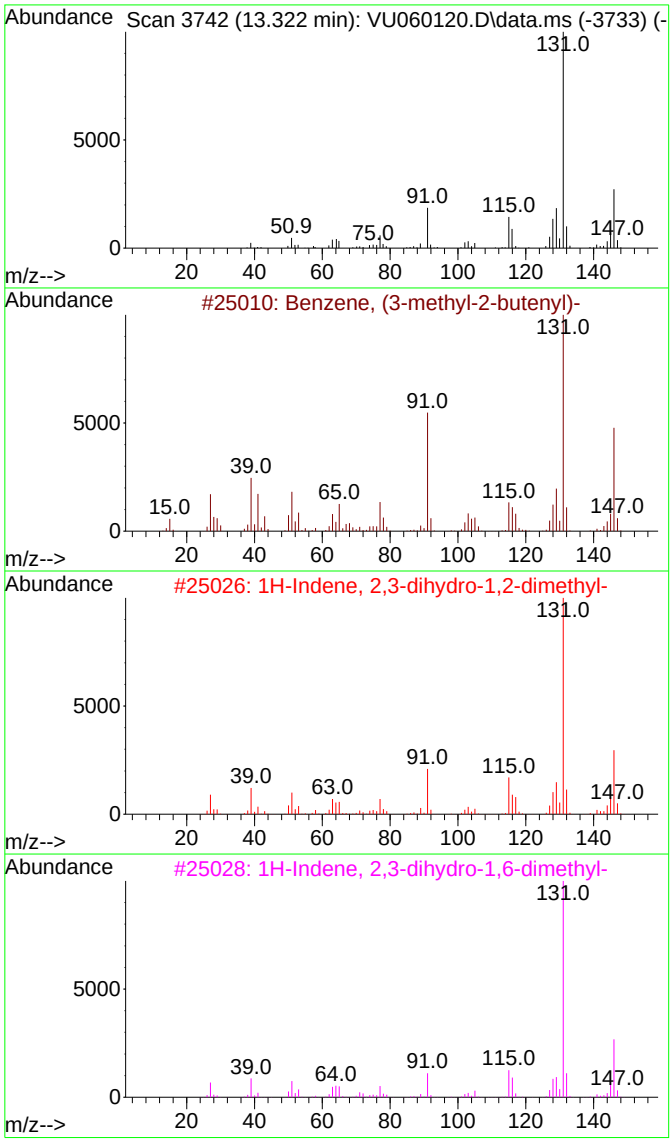
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

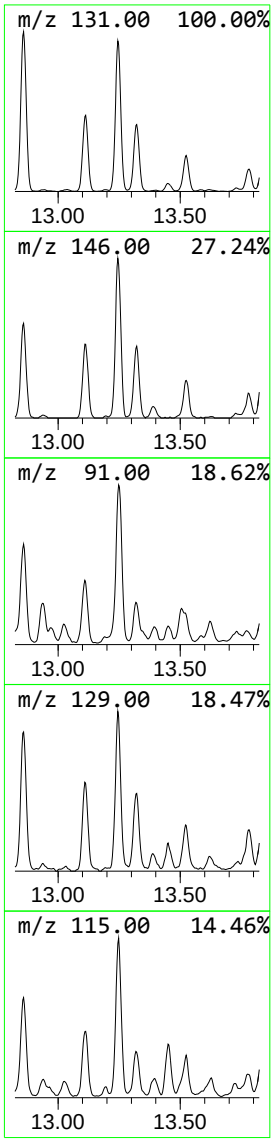
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (3-methyl-2-butenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	1.92 ug/L	183531	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

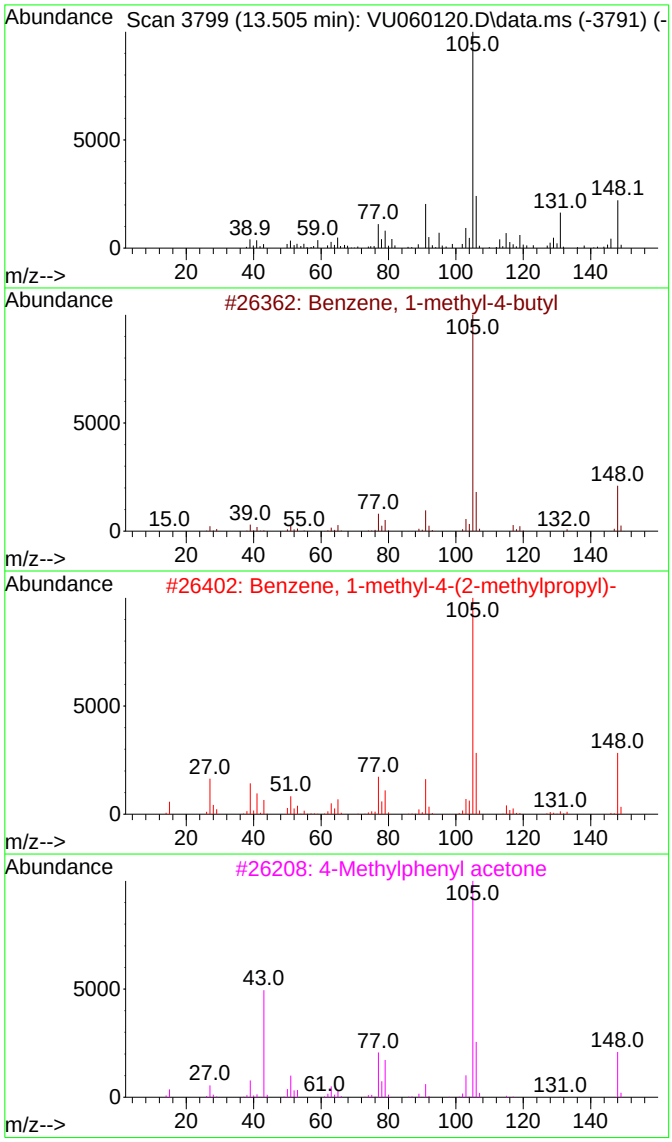
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

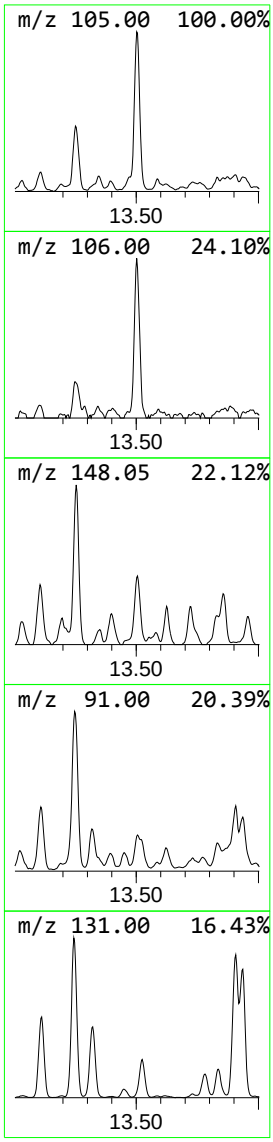
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-methyl-4-butyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.505	2.42 ug/L	231069	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	62
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	58
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
4	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	47
5	(4-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-65-6	43





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

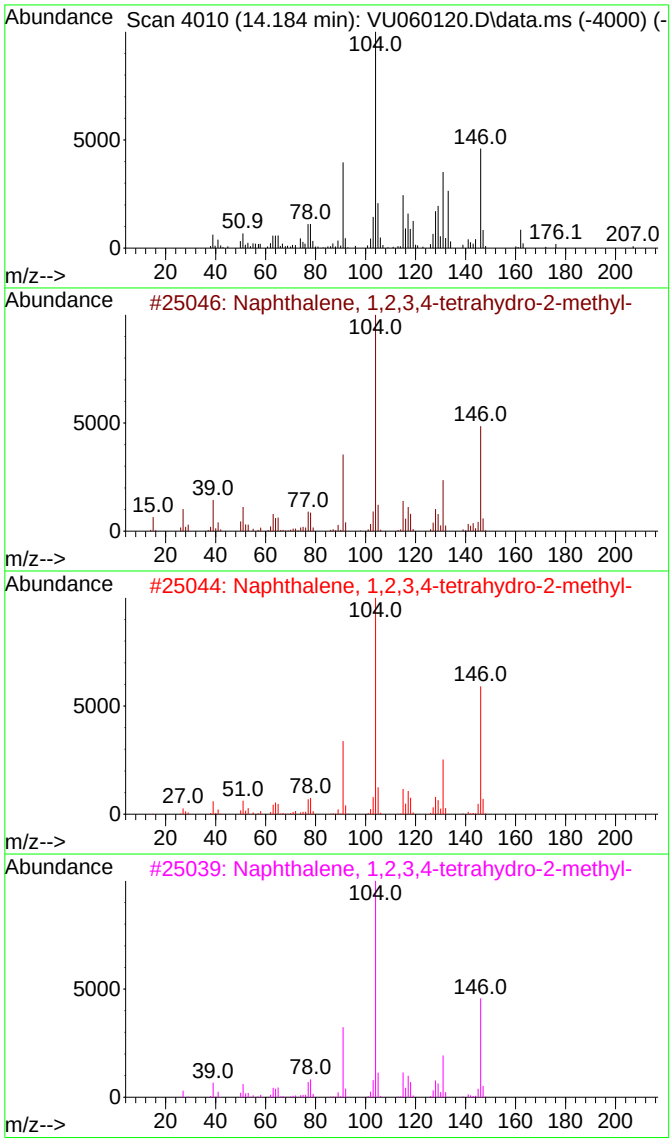
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

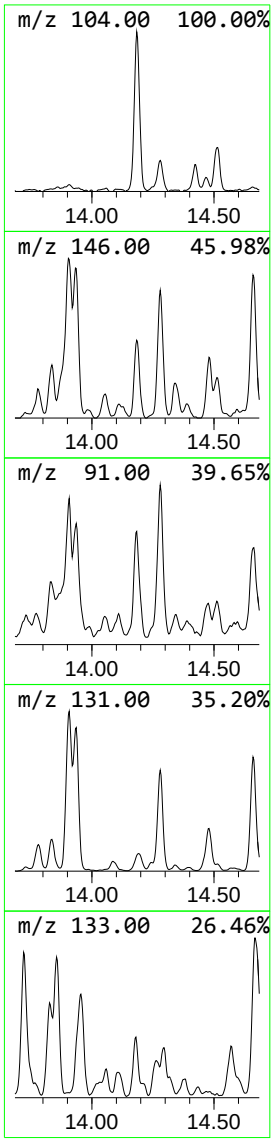
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	1.97 ug/L	188353	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	74
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
4	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	49





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

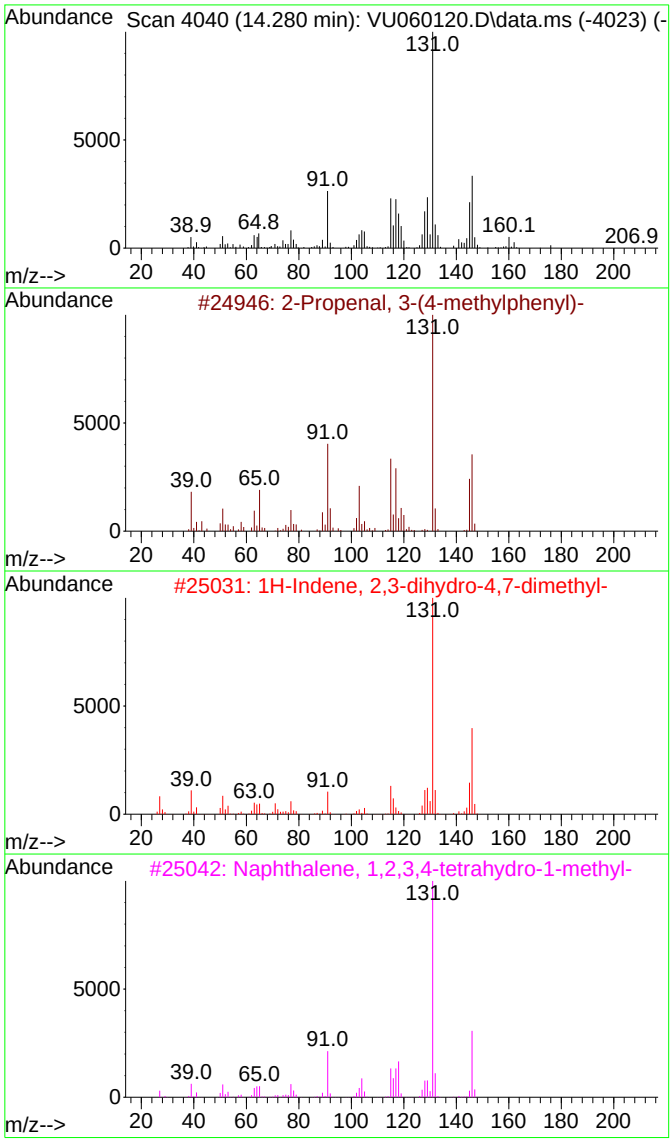
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

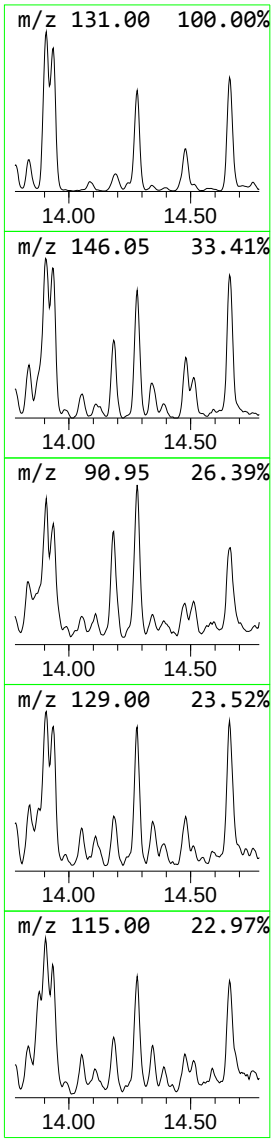
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 2-Propenal, 3-(4-methylphen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	4.00 ug/L	381720	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	72
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





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Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

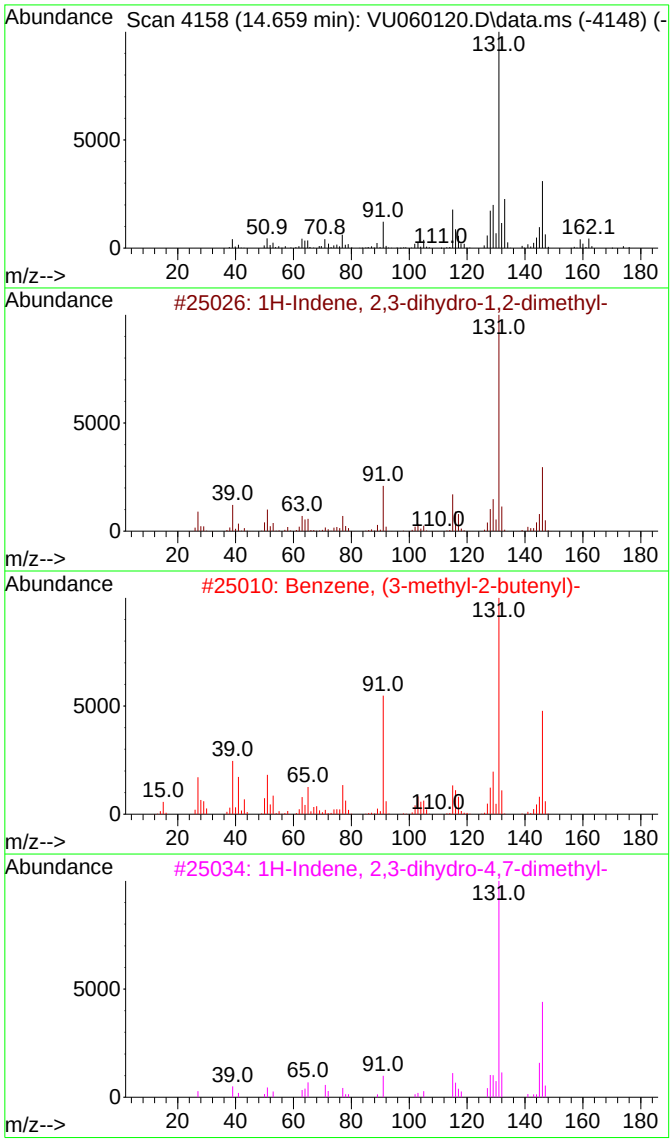
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

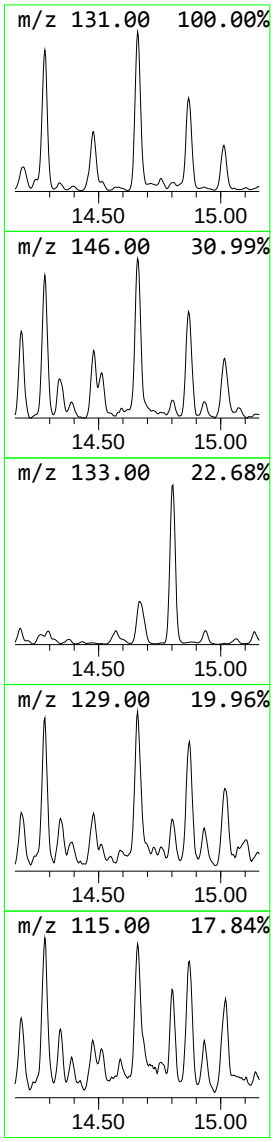
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.659	3.87 ug/L	370107	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

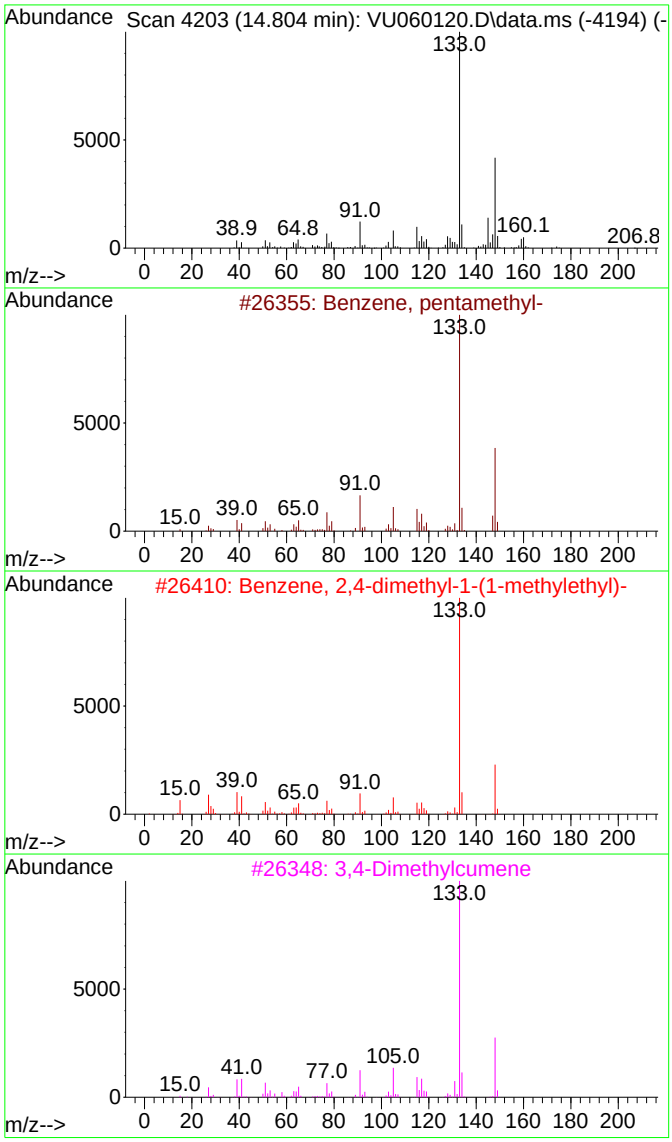
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

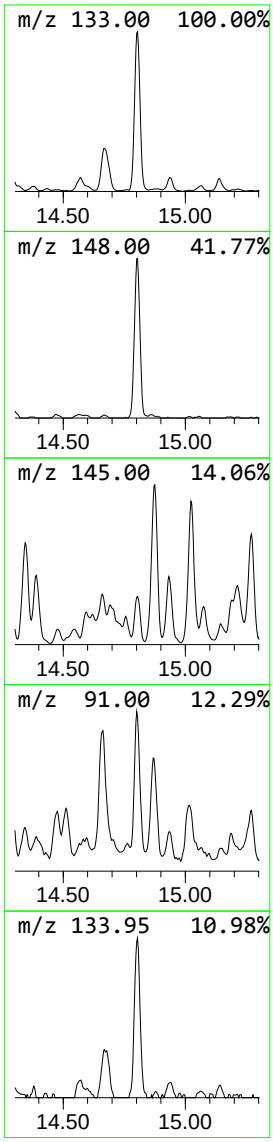
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	3.00 ug/L	286614	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	81
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

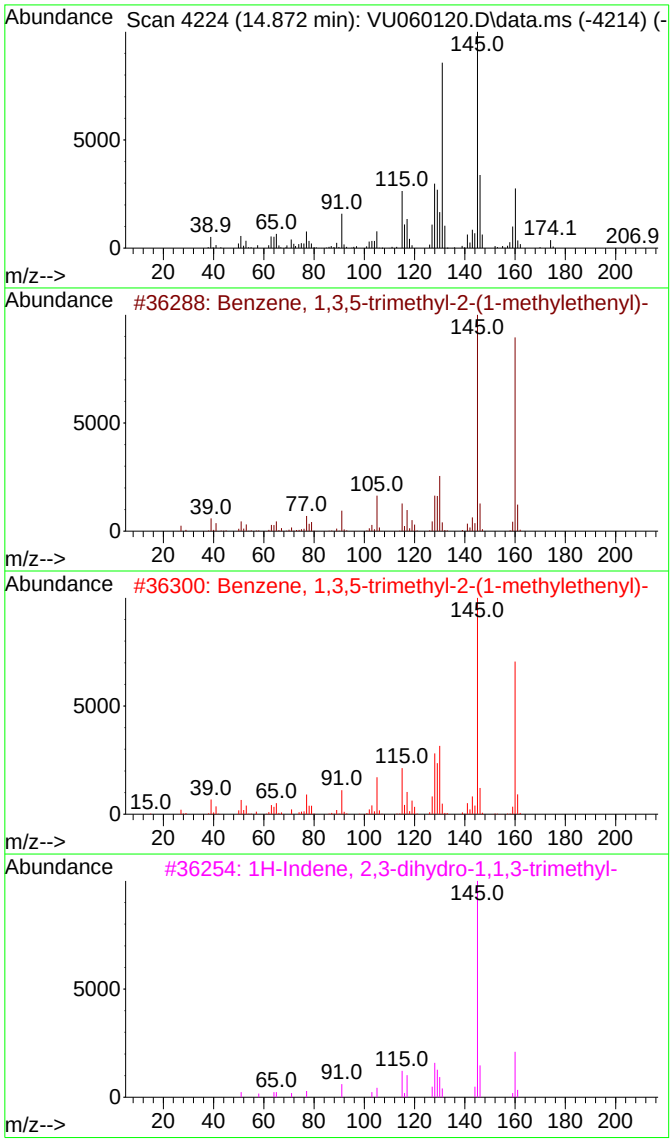
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

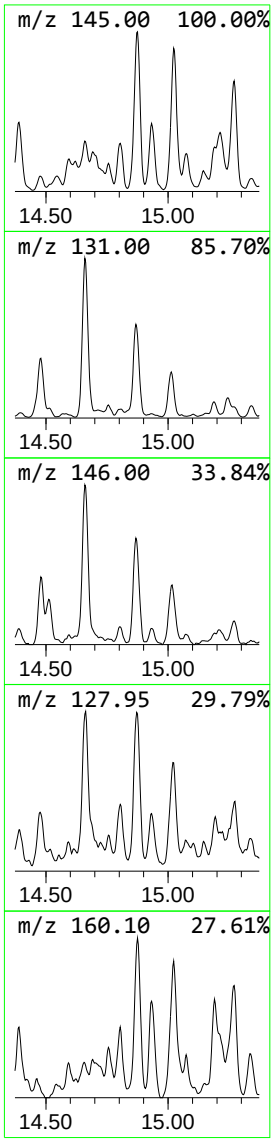
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.872	3.10 ug/L	296595	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	53
4	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	52
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

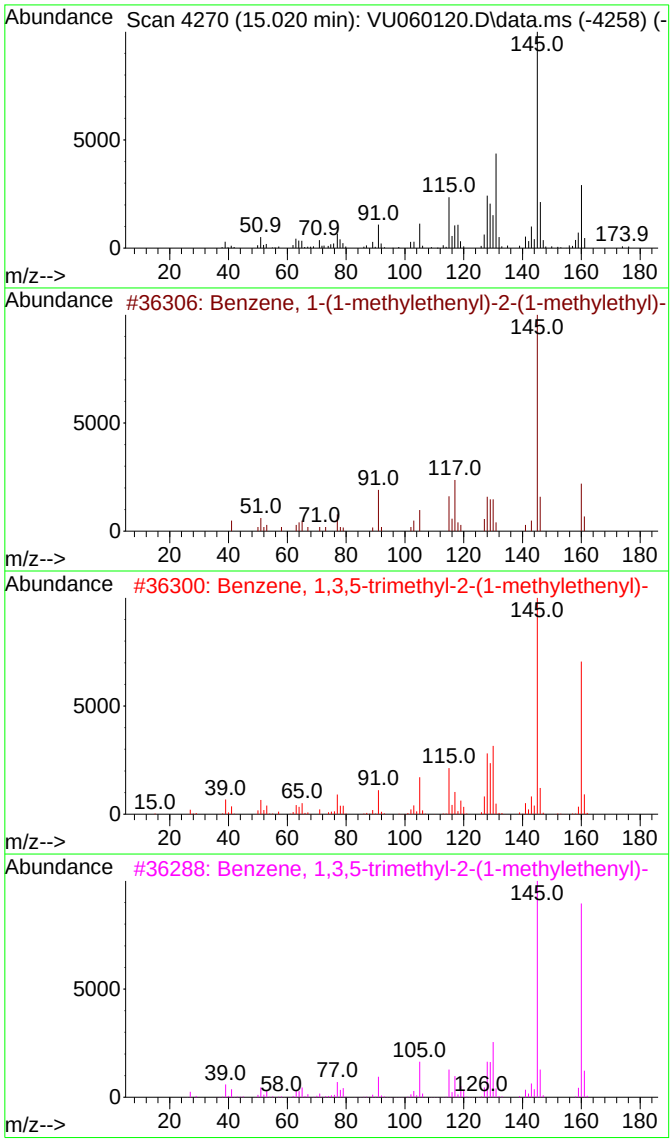
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

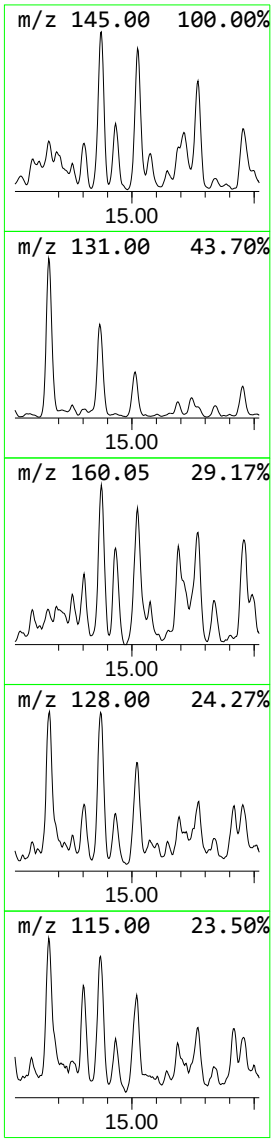
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1-(1-methylethenyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.020	2.51 ug/L	240227	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	76
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

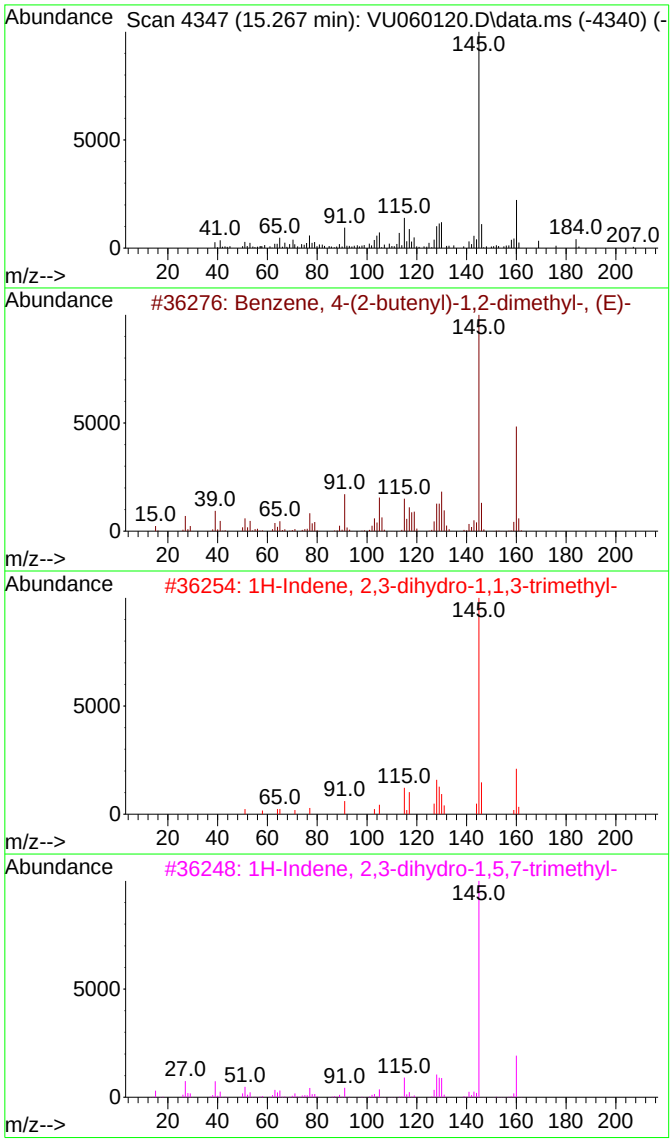
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

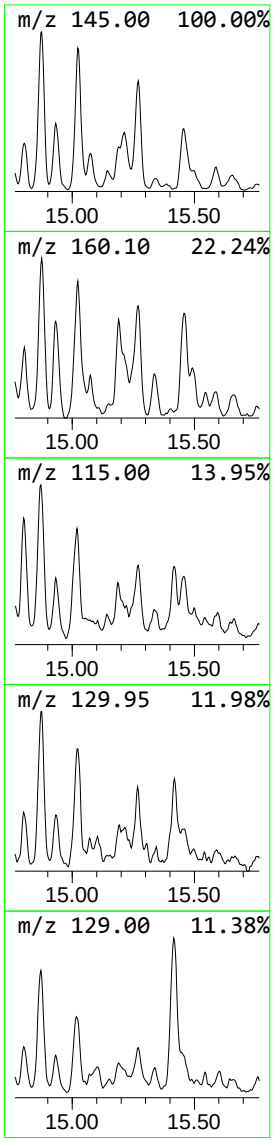
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.267	1.43 ug/L	136785	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	87
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

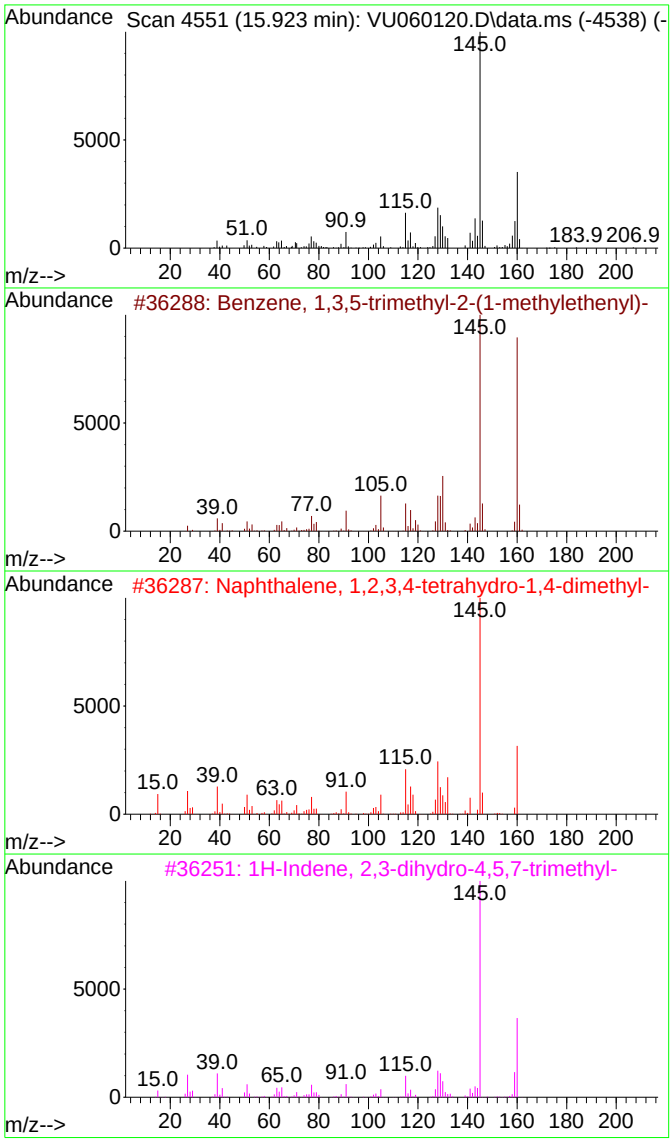
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

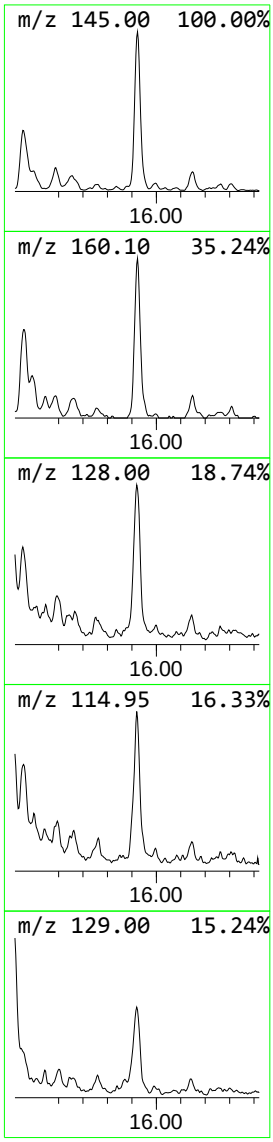
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.923	2.14 ug/L	204737	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060120.D
Acq On : 23 Jul 2024 17:22
Operator : MD/SY
Sample : P3280-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
(DEL) Alkane: C...	5.981	0.6	ug/L	30608	1	6.245	259185	5.0
(DEL) Alkane: C...	8.920	0.8	ug/L	63057	2	9.412	397430	5.0
(DEL) Alkane: C...	10.029	1.6	ug/L	123072	2	9.412	397430	5.0
(DEL) Alkane: C...	10.229	0.7	ug/L	59132	2	9.412	397430	5.0
Cyclohexaneethanol	10.267	3.3	ug/L	265431	2	9.412	397430	5.0
Pentalene, octa...	10.364	1.7	ug/L	133397	2	9.412	397430	5.0
3-Octyne, 2-met...	10.695	2.3	ug/L	220586	3	11.807	477712	5.0
1H-Indene, octa...	10.807	2.3	ug/L	217896	3	11.807	477712	5.0
Benzofuran-6-ol...	10.894	3.6	ug/L	347409	3	11.807	477712	5.0
Benzene, 1-ethy...	11.020	1.3	ug/L	125075	3	11.807	477712	5.0
(DEL) Alkane: C...	11.177	0.6	ug/L	61546	3	11.807	477712	5.0
Benzene, 1-ethy...	11.290	6.8	ug/L	651403	3	11.807	477712	5.0
unknown-01	11.634	2.6	ug/L	244208	3	11.807	477712	5.0
o-Cymene	12.004	1.6	ug/L	147681	3	11.807	477712	5.0
Indane	12.090	3.7	ug/L	349225	3	11.807	477712	5.0
Benzene, 1,2-di...	12.296	5.0	ug/L	478881	3	11.807	477712	5.0
Benzene, 1-meth...	12.370	6.5	ug/L	625023	3	11.807	477712	5.0
Benzene, 1-meth...	12.608	1.4	ug/L	131813	3	11.807	477712	5.0
Benzene, 1-ethe...	12.679	4.5	ug/L	435145	3	11.807	477712	5.0
2,2-Dimethylind...	12.756	2.0	ug/L	191017	3	11.807	477712	5.0
1H-Indene, 2,3-...	12.859	4.9	ug/L	468964	3	11.807	477712	5.0
Benzene, 1-meth...	12.939	1.8	ug/L	173076	3	11.807	477712	5.0
Benzene, 1,3-di...	13.026	1.3	ug/L	119246	3	11.807	477712	5.0
1H-Indene, 2,3-...	13.110	3.0	ug/L	290441	3	11.807	477712	5.0
Benzene, (2-met...	13.248	6.3	ug/L	606403	3	11.807	477712	5.0
Benzene, (3-met...	13.322	1.9	ug/L	183531	3	11.807	477712	5.0
Benzene, 1-meth...	13.505	2.4	ug/L	231069	3	11.807	477712	5.0
Naphthalene, 1,...	14.184	2.0	ug/L	188353	3	11.807	477712	5.0
2-Propenal, 3-(...	14.280	4.0	ug/L	381720	3	11.807	477712	5.0
1H-Indene, 2,3-...	14.659	3.9	ug/L	370107	3	11.807	477712	5.0
Benzene, pentam...	14.804	3.0	ug/L	286614	3	11.807	477712	5.0
Benzene, 1,3,5-...	14.872	3.1	ug/L	296595	3	11.807	477712	5.0
Benzene, 1-(1-m...	15.020	2.5	ug/L	240227	3	11.807	477712	5.0
Benzene, 4-(2-b...	15.267	1.4	ug/L	136785	3	11.807	477712	5.0
Naphthalene, 1,...	15.923	2.1	ug/L	204737	3	11.807	477712	5.0