LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059930.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	15	21	36	rBV3	25211	31750	2.17%	0.224%
2	1.595	84	95	107	rBV3	109172	177384	12.10%	1.251%
3	1.718	123	133	166	rBV	267187	564788	38.54%	3.983%
4	1.923	189	197	216	rVB2	62519	101746	6.94%	0.718%
5	2.161	264	271	282	rBV4	12052	22093	1.51%	0.156%
6	2.570	387	398	425	rVB2	198638	362627	24.75%	2.558%
7	3.894	796	810	826	rVB2	20515	46005	3.14%	0.324%
8	4.042	833	856	883	rBV2	94177	246236	16.80%	1.737%
9	4.502	978	999	1027	rBV5	14623	52173	3.56%	0.368%
10	4.705	1040	1062	1067	rBV2	64857	164386	11.22%	1.159%
11	4.791	1078	1089	1144	rVB	173662	659095	44.98%	4.648%
12	5.084	1166	1180	1197	rBV2	105258	230972	15.76%	1.629%
13	5.740	1365	1384	1396	rBV3	233587	564456	38.52%	3.981%
14	6.164	1506	1516	1530	rBV4	8270	18884	1.29%	0.133%
15	6.261	1533	1546	1575	rVB	231766	442878	30.22%	3.124%
16	6.557	1627	1638	1643	rBV4	8551	15260	1.04%	0.108%
17	6.701	1670	1683	1698	rBV	129593	252855	17.25%	1.783%
18	6.901	1734	1745	1758	rBV2	23492	47546	3.24%	0.335%
19	7.573	1940	1954	1968	rBV2	63405	112307	7.66%	0.792%
20	7.901	2043	2056	2070	rBV	272643	471758	32.19%	3.327%
21	7.971	2073	2078	2093	rVB	10619	17900	1.22%	0.126%
22	8.119	2112	2124	2134	rVB2	8040	14884	1.02%	0.105%
23	8.184	2134	2144	2157	rBV	38488	63693	4.35%	0.449%
24	8.643	2275	2287	2298	rBV	268120	495625	33.82%	3.496%
25	8.692	2298	2302	2324	rVV	57651	113943	7.78%	0.804%
26	8.795	2324	2334	2349	rVB5	11968	25432	1.74%	0.179%
27	9.415	2515	2527	2550	rBV2	335773	694942	47.42%	4.901%
28	9.672	2593	2607	2625	rBV6	101035	211529	14.43%	1.492%
29	9.811	2639	2650	2661	rBV6	7159	16711	1.14%	0.118%
30	9.881	2661	2672	2683	rVB6	21484	41748	2.85%	0.294%
31	10.013	2696	2713	2719	rBV10	13027	31071	2.12%	0.219%
32	10.061	2720	2728	2736	rVV2	28606	48764	3.33%	0.344%
33	10.103	2736	2741	2767	rVB9	8570	27625	1.89%	0.195%
34	10.225	2769	2779	2786	rBV8	16627	33740	2.30%	0.238%
35	10.270	2786	2793	2805	rVB4	20833	32960	2.25%	0.232%
36	10.357	2808	2820	2827	rBV8	16989	38120	2.60%	0.269%

LSC Area Percent Report

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Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	10.479	2852	2858	2865	rVB	10780	14941	1.02%	0.105%
38	10.524	2865	2872	2884	rBV9	12335	28661	1.96%	0.202%
39	10.695	2914	2925	2934	rBV4	75010	147389	10.06%	1.040%
40	10.753	2934	2943	2955	rVB2	122382	222845	15.21%	1.572%
41	10.891	2971	2986	2996	rBV	24185	52324	3.57%	0.369%
42	11.016	3015	3025	3036	rVB8	24830	51290	3.50%	0.362%
43	11.090	3039	3048	3054	rVV2	32478	52999	3.62%	0.374%
44	11.132	3055	3061	3069	rVV5	28097	50732	3.46%	0.358%
45	11.180	3072	3076	3085	rVB7	17902	25415	1.73%	0.179%
46	11.302	3098	3114	3115	rBV7	20350	32862	2.24%	0.232%
47	11.412	3130	3148	3156	rBV4	29200	69656	4.75%	0.491%
48	11.466	3156	3165	3176	rVB8	25087	49901	3.41%	0.352%
49	11.602	3196	3207	3214	rBV3	81701	146637	10.01%	1.034%
50	11.637	3214	3218	3229	rVB	40193	56660	3.87%	0.400%
51	11.807	3259	3271	3288	rBV	359339	638064	43.54%	4.500%
52	11.926	3303	3308	3322	rVB4	17165	30355	2.07%	0.214%
53	12.000	3323	3331	3345	rVB2	23635	37583	2.56%	0.265%
54	12.087	3345	3358	3371	rBV	927505	1465404	100.00%	10.335%
55	12.187	3379	3389	3410	rVB	302849	556563	37.98%	3.925%
56	12.296	3412	3423	3443	rBV	104185	196451	13.41%	1.386%
57	12.441	3460	3468	3478	rBV10	14534	29023	1.98%	0.205%
58	12.611	3513	3521	3532	rBV3	58665	127782	8.72%	0.901%
59	12.675	3532	3541	3558	rVV	209755	358898	24.49%	2.531%
60	12.756	3559	3566	3577	rVB3	53732	89030	6.08%	0.628%
61	12.827	3578	3588	3592	rBV4	25530	45965	3.14%	0.324%
62	12.859	3592	3598	3614	rVB2	48897	97406	6.65%	0.687%
63	12.939	3614	3623	3625	rBV3	24074	32054	2.19%	0.226%
64	12.968	3626	3632	3644	rVB2	56450	88242	6.02%	0.622%
65	13.109	3667	3676	3687	rVB3	29332	51483	3.51%	0.363%
66	13.190	3691	3701	3704	rBV6	9818	16389	1.12%	0.116%
67	13.248	3710	3719	3727	rBV4	47762	75315	5.14%	0.531%
68	13.318	3737	3741	3753	rVB2	24085	34096	2.33%	0.240%
69	13.389	3755	3763	3772	rBV2	24176	41645	2.84%	0.294%
70	13.450	3772	3782	3794	rBV2	85416	141811	9.68%	1.000%
71	13.624	3829	3836	3850	rVB8	32257	54765	3.74%	0.386%
72	13.727	3863	3868	3874	rBV8	13521	16564	1.13%	0.117%
73	13.775	3876	3883	3891	rBV4	18918	30238	2.06%	0.213%
74	13.830	3892	3900	3908	rBV5	41757	84759	5.78%	0.598%
75	13.904	3918	3923	3928	rBV2	43957	50782	3.47%	0.358%
76	14.052	3964	3969	3977	rVB3	21865	28062	1.91%	0.198%

LSC Area Percent Report

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Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

77	14.183	4002	4010	4022	rBV4	33255	70335	4.80%	0.496%
78	14.344	4052	4060	4068	rBV3	46371	80131	5.47%	0.565%
79	14.479	4094	4102	4119	rVB4	71053	188453	12.86%	1.329%
80	14.659	4149	4158	4175	rBV4	84517	193446	13.20%	1.364%
81	14.801	4196	4202	4212	rVB	116285	175148	11.95%	1.235%
82	14.868	4214	4223	4236	rVB	168607	279712	19.09%	1.973%
83	14.939	4237	4245	4260	rBV7	29867	66400	4.53%	0.468%
84	15.013	4261	4268	4277	rBV7	42315	76121	5.19%	0.537%
85	15.216	4323	4331	4339	rBV2	123774	178320	12.17%	1.258%
86	15.405	4382	4390	4403	rVB2	115651	217716	14.86%	1.536%
87	15.920	4541	4550	4563	rVB	97650	157760	10.77%	1.113%
88	16.145	4613	4620	4623	rBV3	25655	34484	2.35%	0.243%
89	16.177	4624	4630	4641	rVB	65376	96176	6.56%	0.678%
90	16.254	4647	4654	4680	rVB2	52987	125220	8.55%	0.883%
91	16.402	4689	4700	4707	rBV	62953	112102	7.65%	0.791%
92	16.441	4708	4712	4723	rVB2	34883	52117	3.56%	0.368%
93	16.527	4730	4739	4750	rVB8	12918	27052	1.85%	0.191%
94	16.605	4755	4763	4768	rBV2	35705	57008	3.89%	0.402%
95	16.778	4804	4817	4827	rBV4	36219	76130	5.20%	0.537%

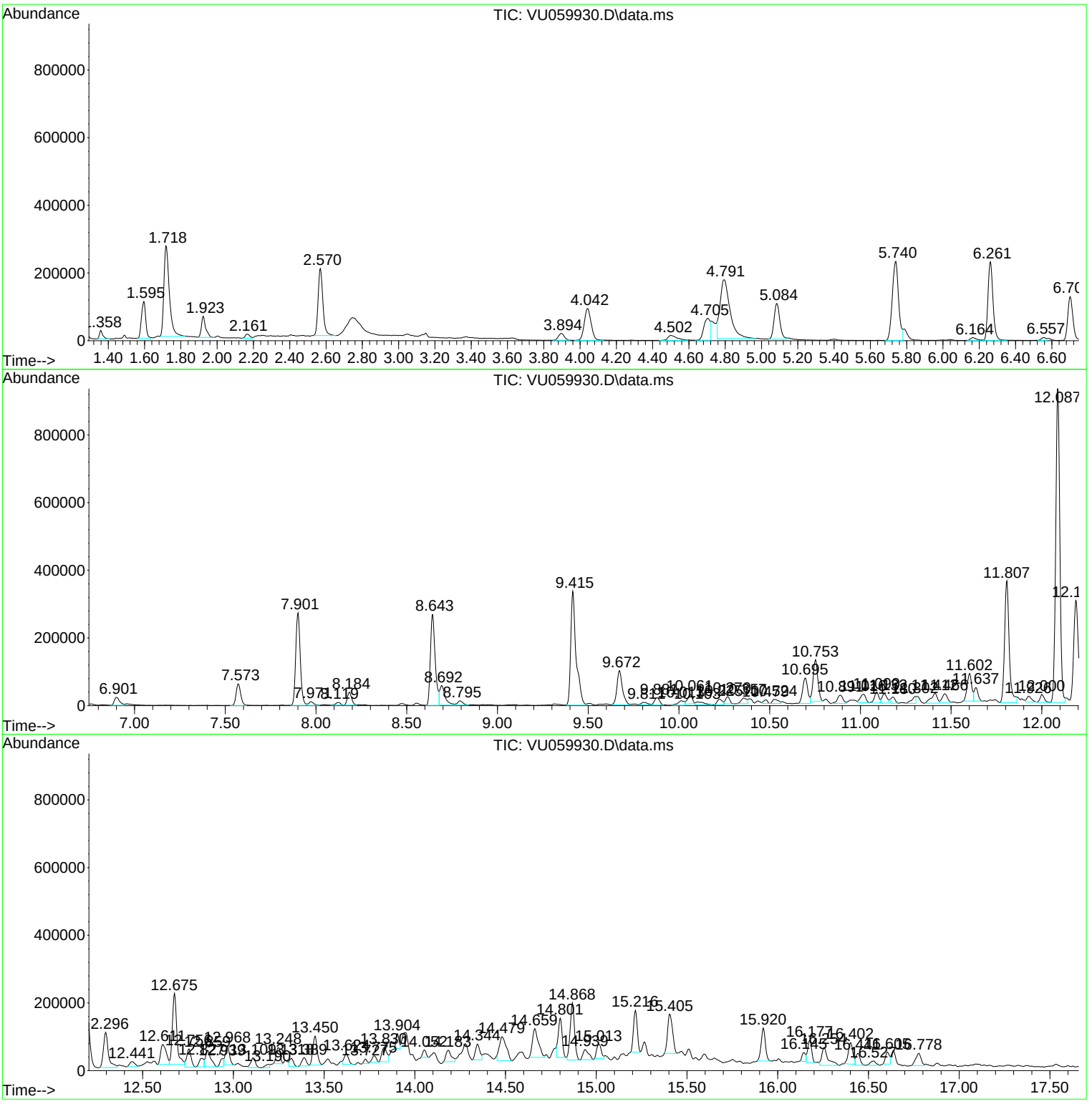
Sum of corrected areas: 14178758

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

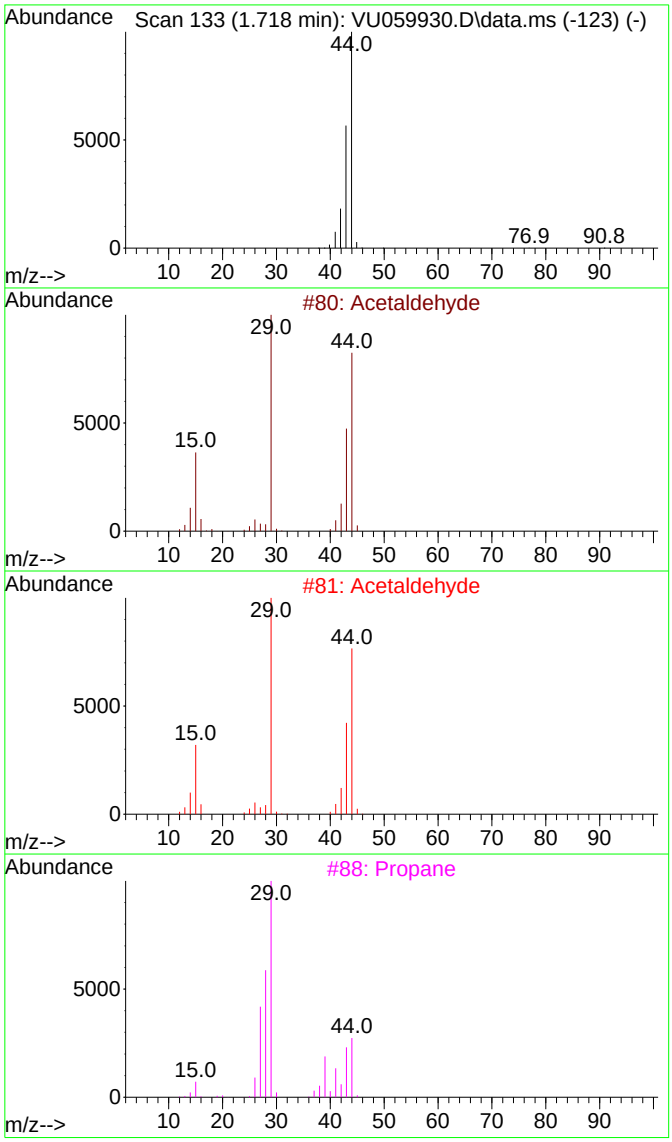
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

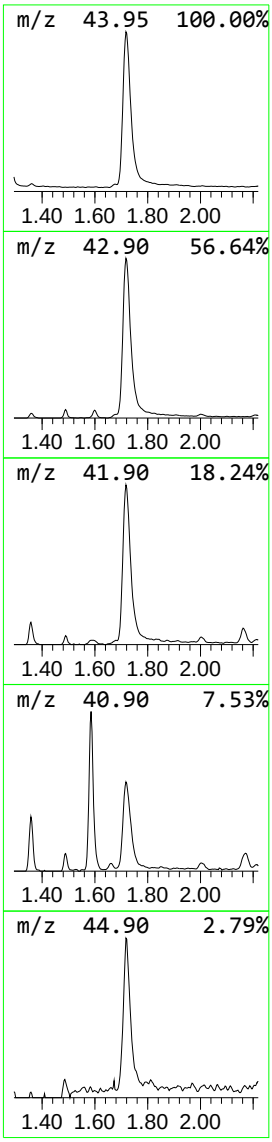
****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.718	6.38 ug/L	564788	1,4-Difluorobenzene	6.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Acetaldehyde	44	C2H4O	000075-07-0	64
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

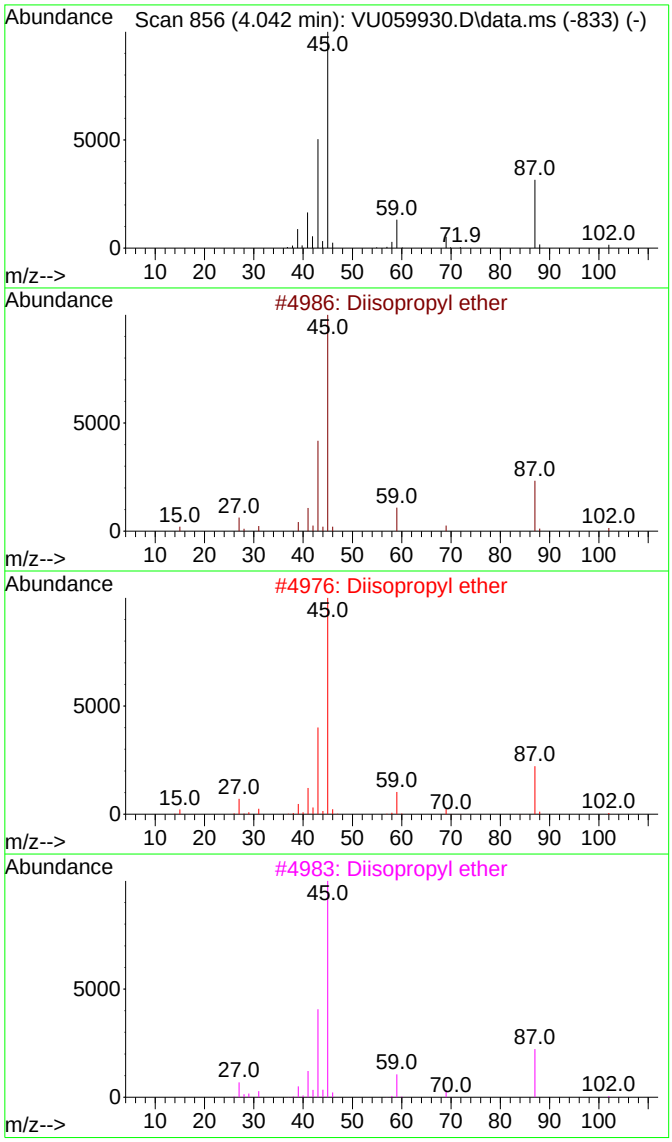
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

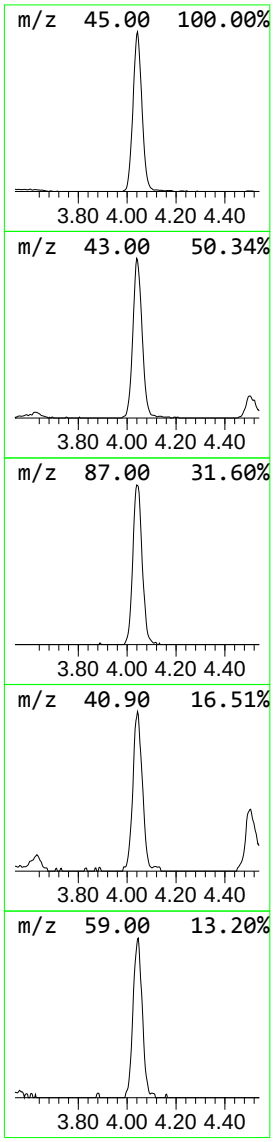
****

Peak Number 2 Diisopropyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.042	2.78 ug/L	246236	1,4-Difluorobenzene	6.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Diisopropyl ether	102	C6H14O	000108-20-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

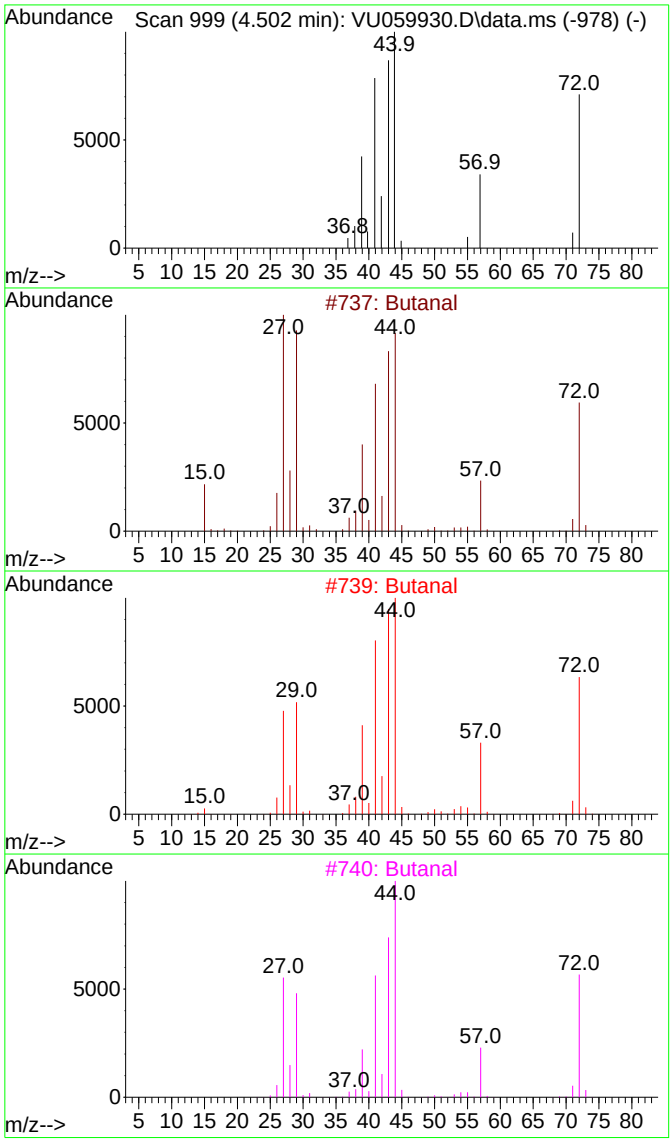
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

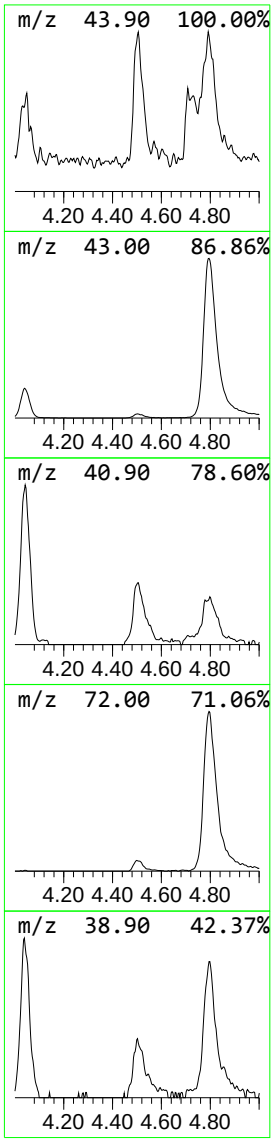
****

Peak Number 3 Butanal Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.502	0.59 ug/L	52173	1,4-Difluorobenzene	6.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	64
4	Butanal	72	C4H8O	000123-72-8	64
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

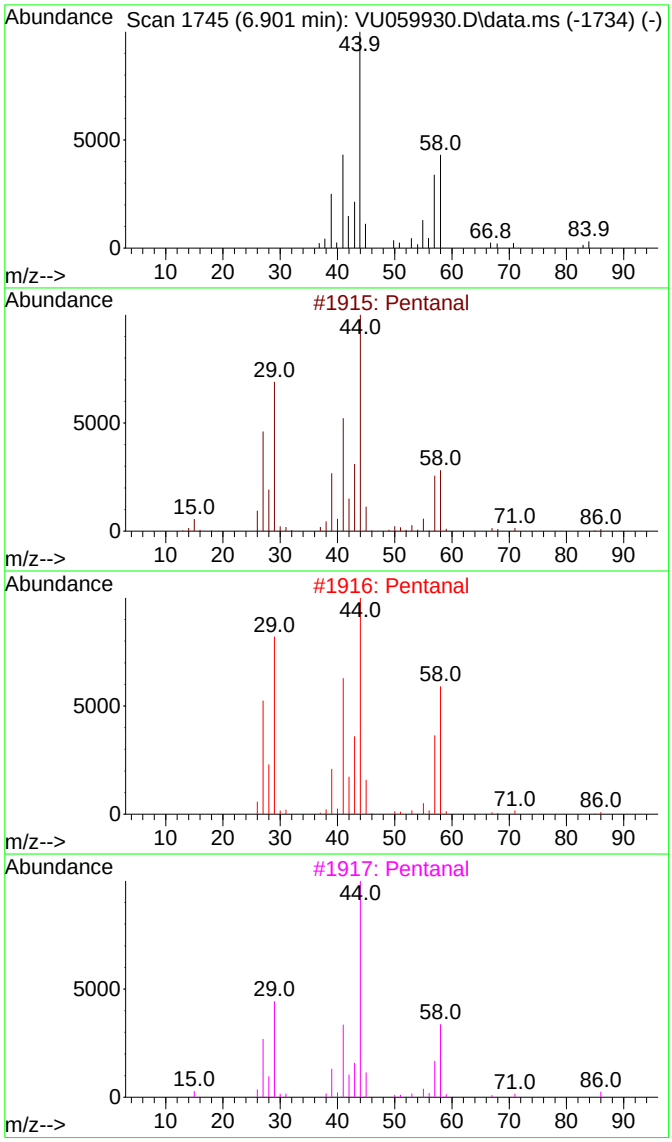
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

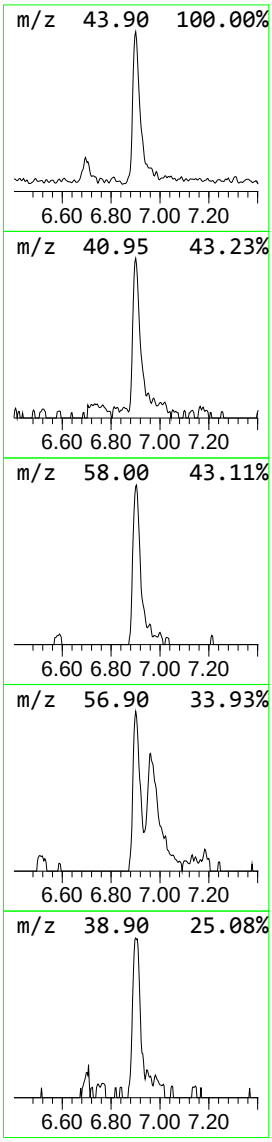
****

Peak Number 4 Pentanal Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	0.54 ug/L	47546	1,4-Difluorobenzene	6.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Pentanal	86	C5H10O	000110-62-3	78
3	Pentanal	86	C5H10O	000110-62-3	40
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
5	Propanenitrile, 3-(methylamino)-	84	C4H8N2	000693-05-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

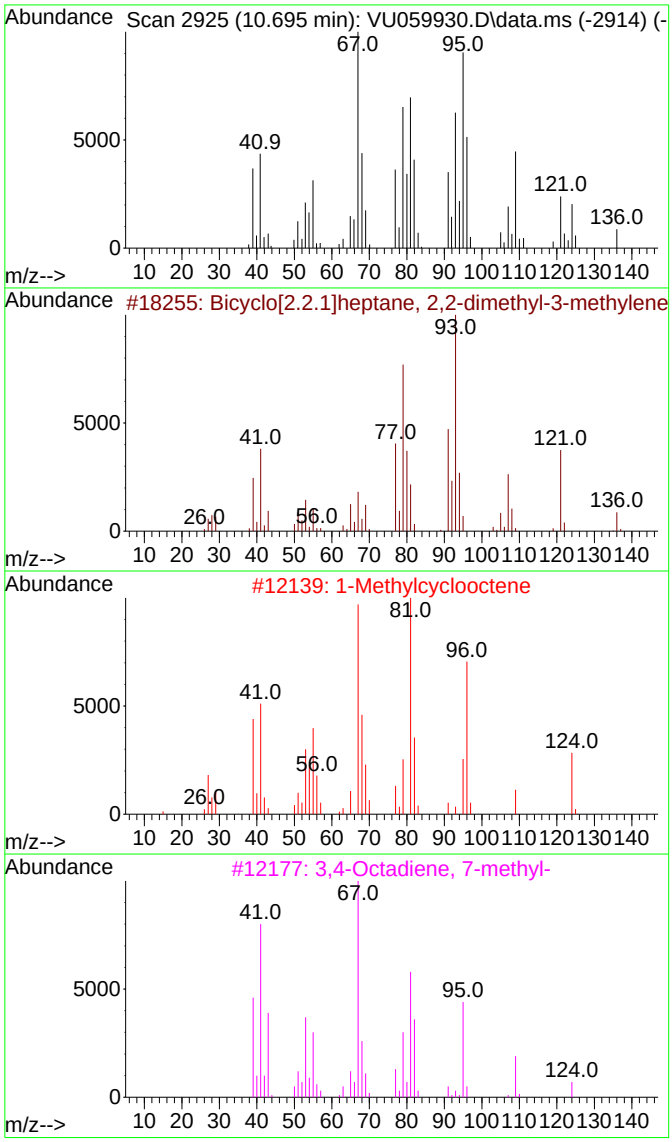
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

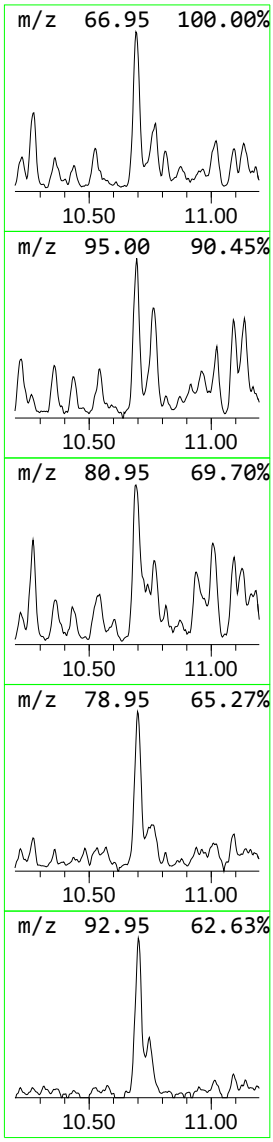
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.695	1.15 ug/L	147389	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	90
2	1-Methylcyclooctene	124	C9H16	000933-11-9	80
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	58
4	Ethylidenecycloheptane	124	C9H16	010494-87-8	53
5	2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

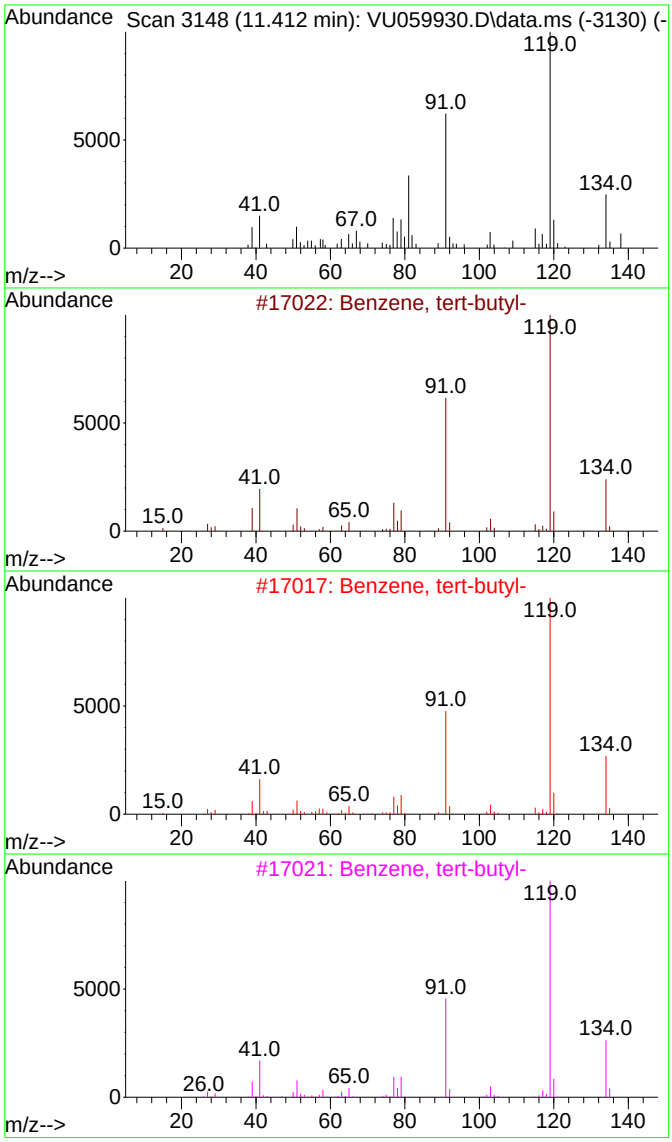
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

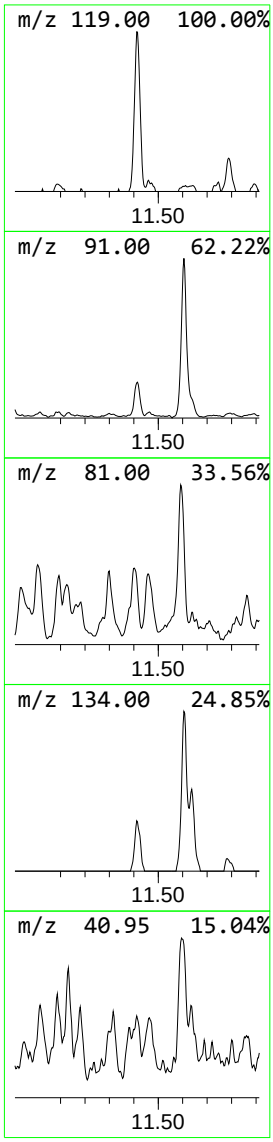
****

Peak Number 7 Benzene, tert-butyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.412	0.55 ug/L	69656	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	95
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

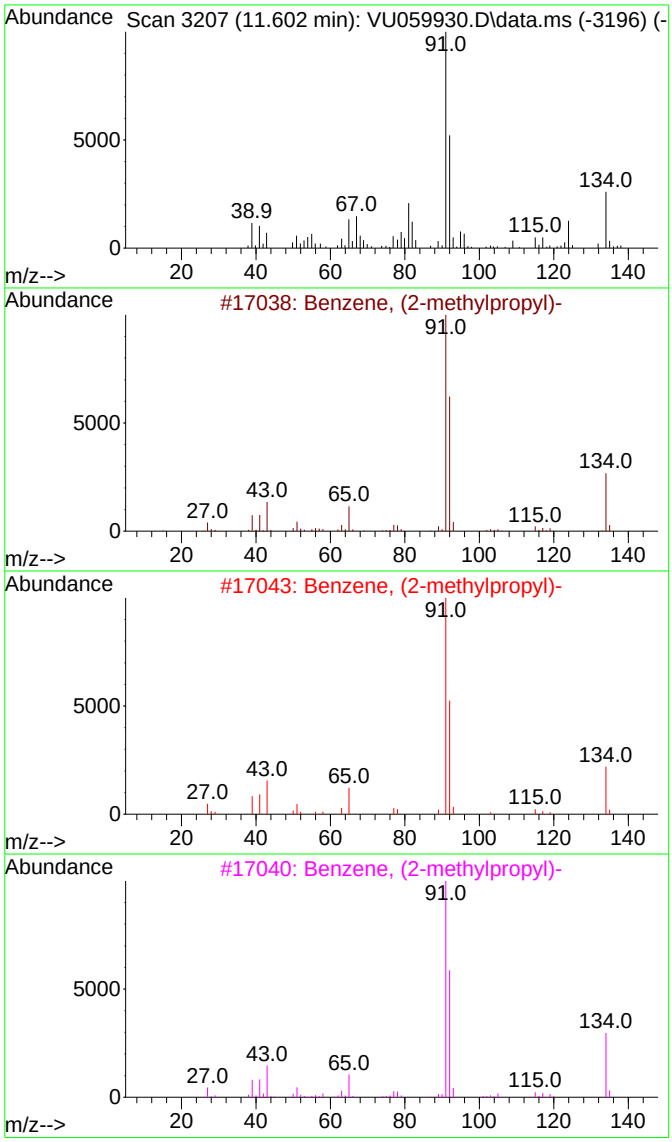
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

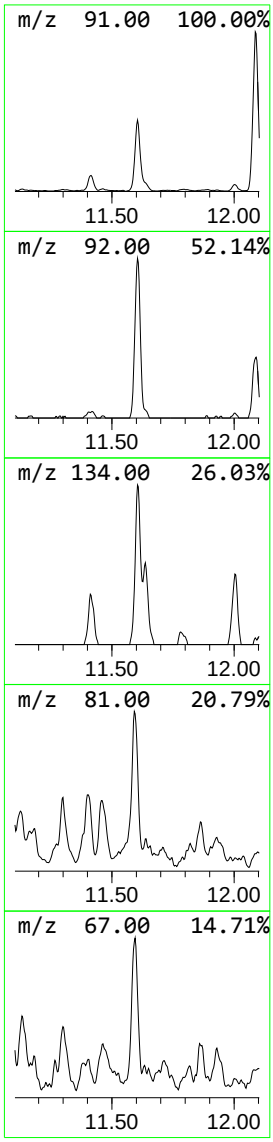
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	1.15 ug/L	146637	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	62
4	Benzene, n-butyl-	134	C10H14	000104-51-8	58
5	Benzene, n-butyl-	134	C10H14	000104-51-8	58





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

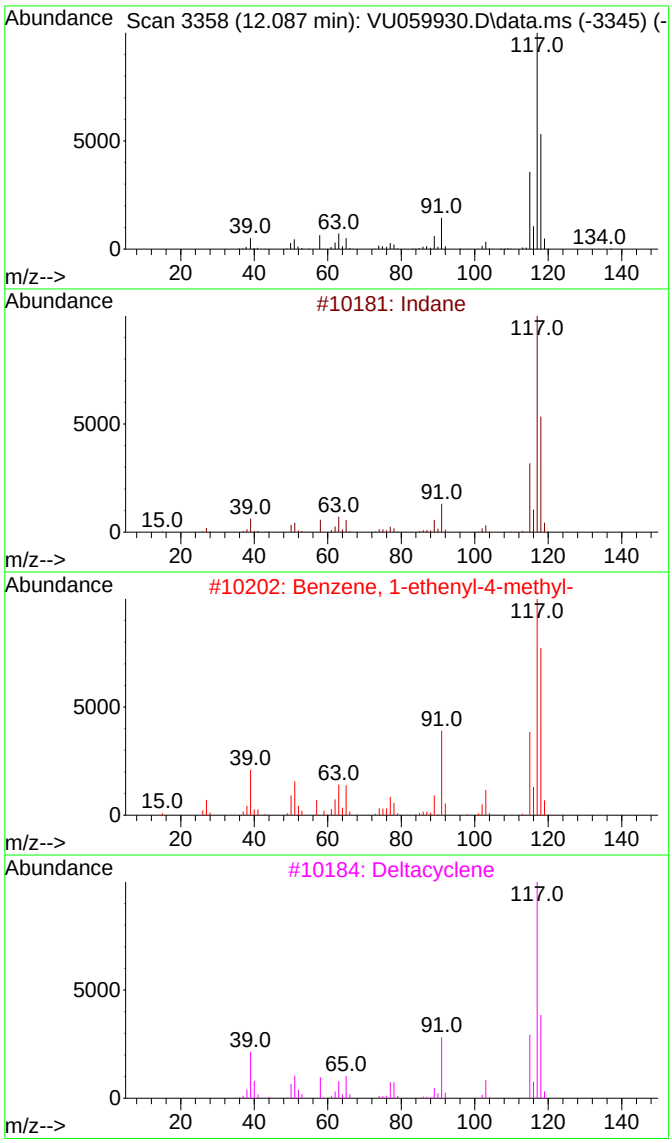
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

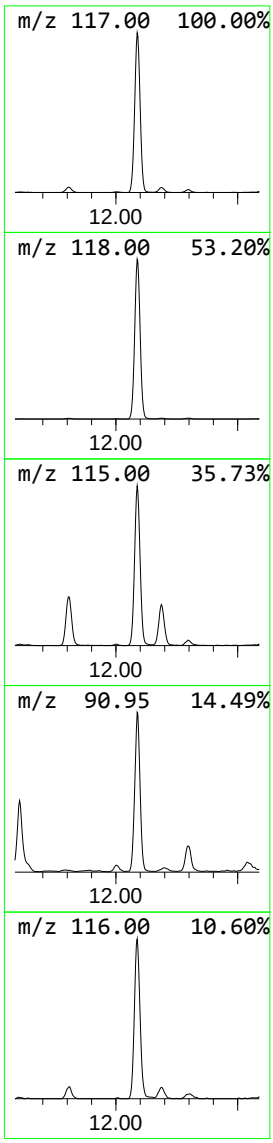
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	11.48 ug/L	1465400	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	64





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

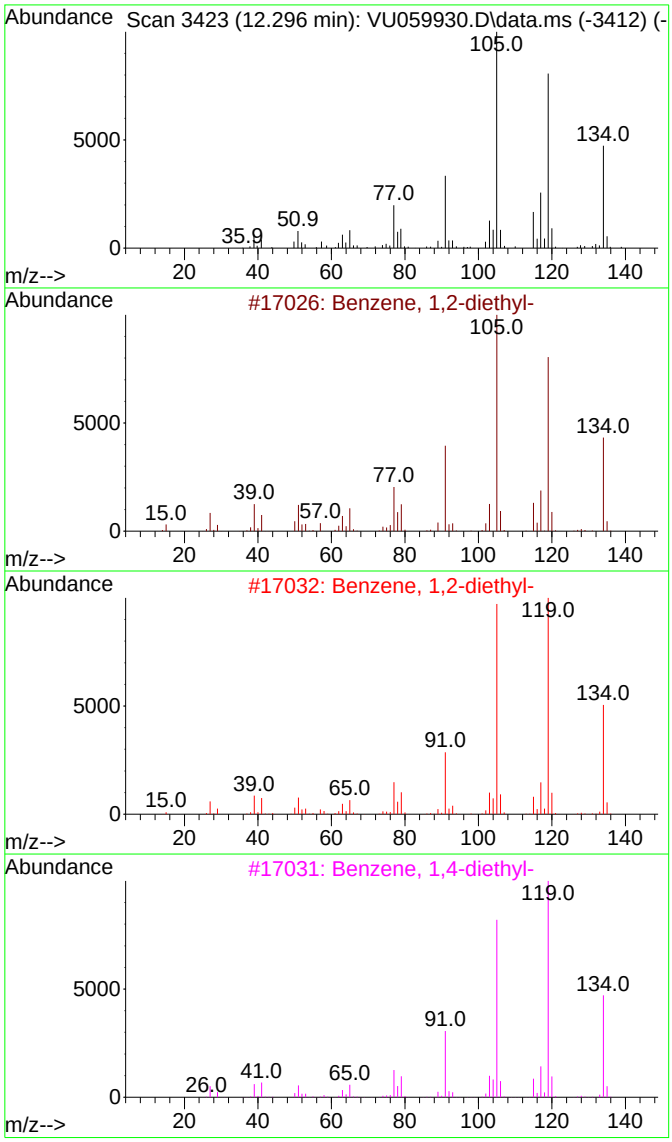
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

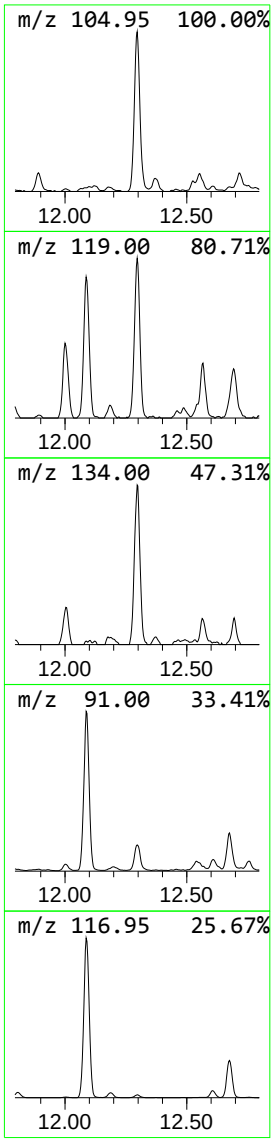
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.296	1.54 ug/L	196451	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	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

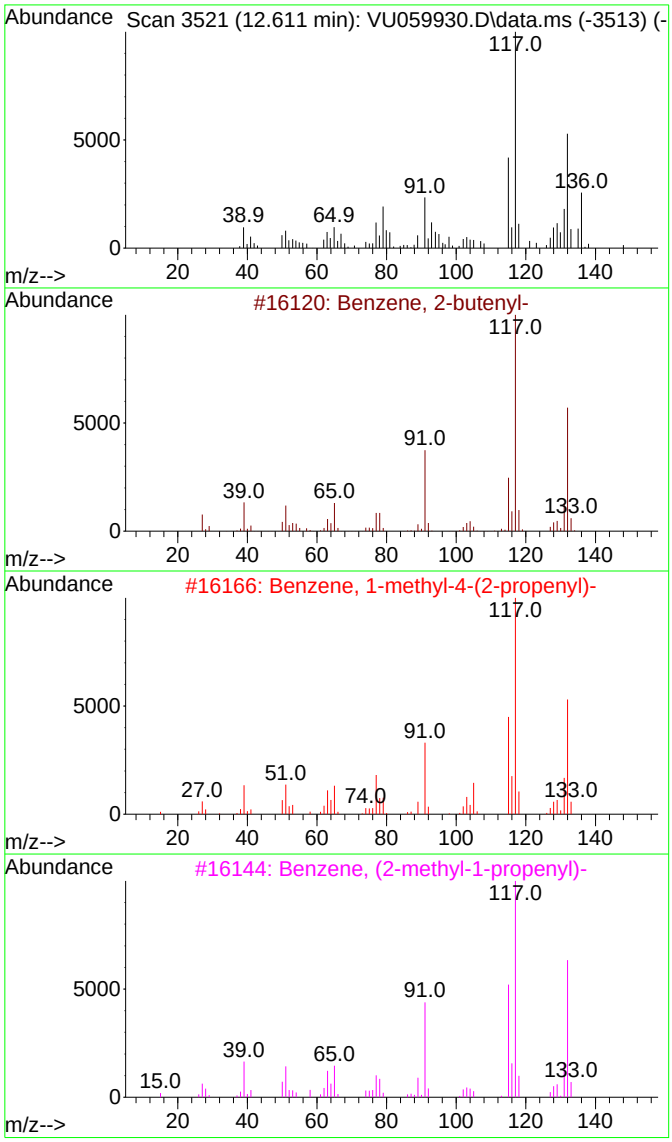
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

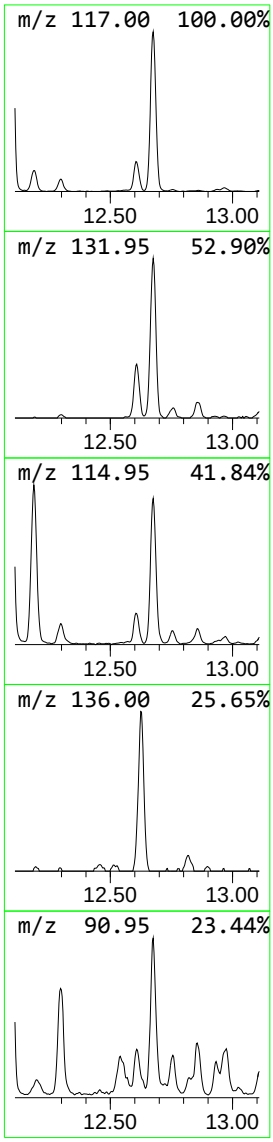
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-butenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	1.00 ug/L	127782	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	89
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

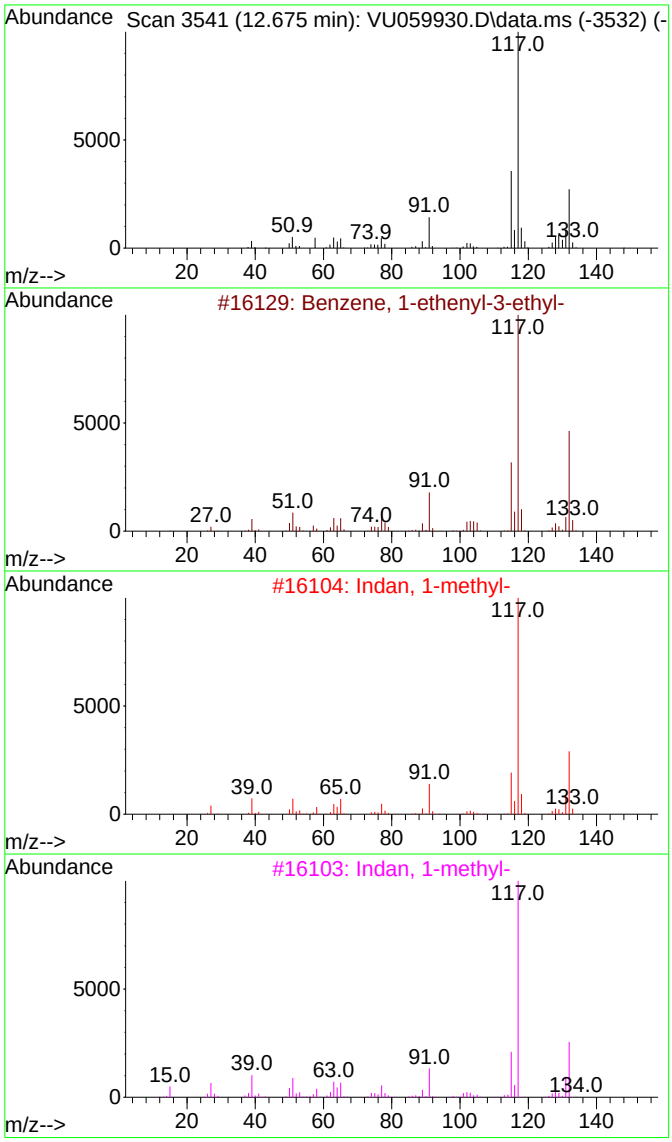
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

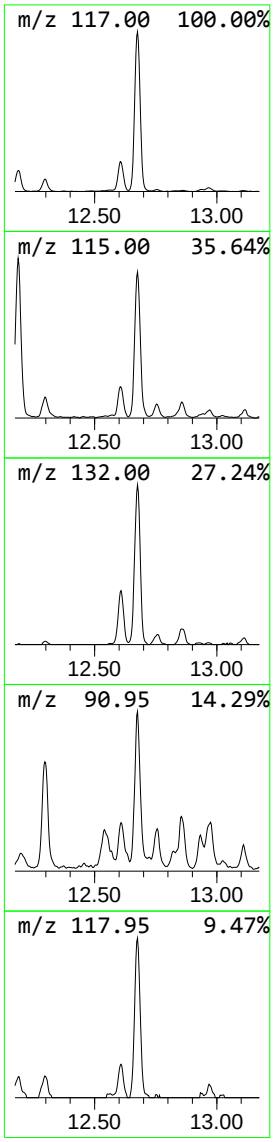
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	2.81 ug/L	358898	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	74
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

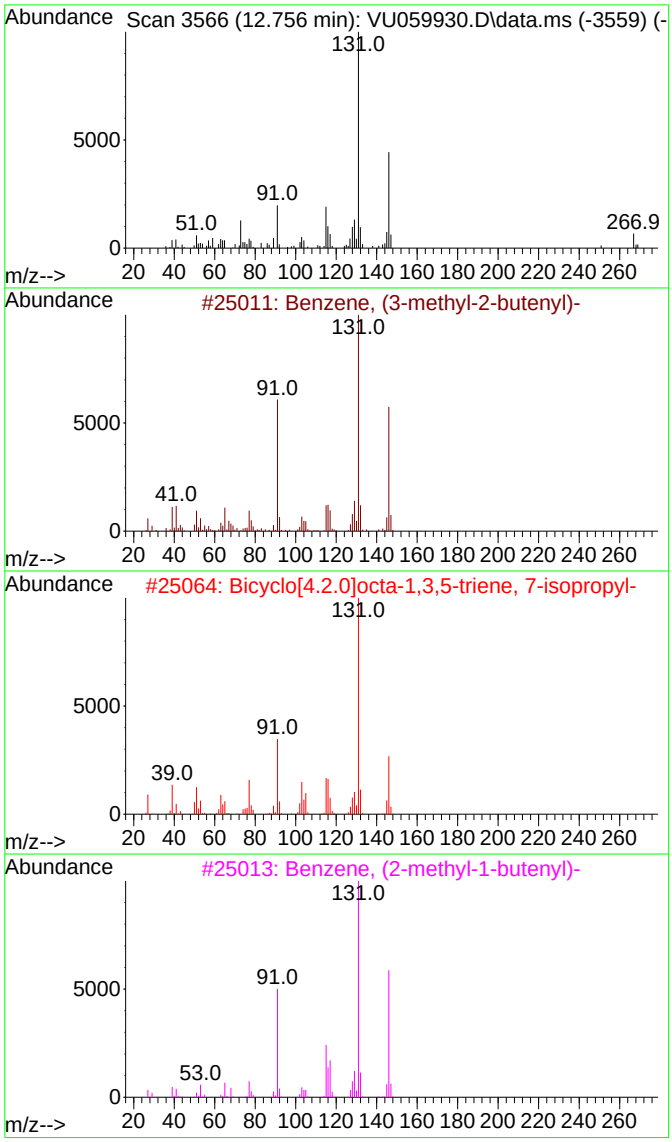
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

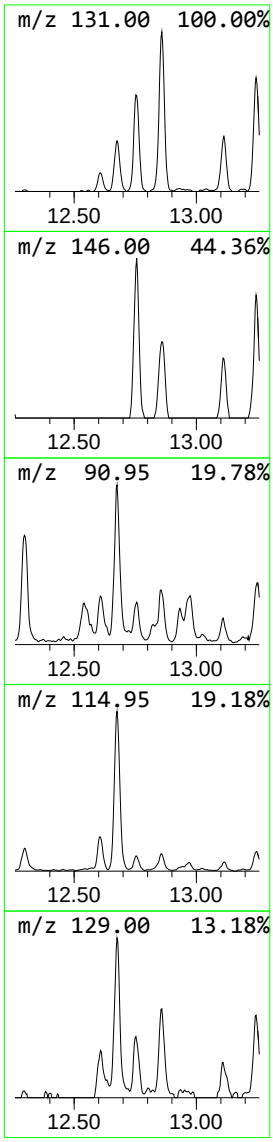
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (3-methyl-2-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.756	0.70 ug/L	89030	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	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

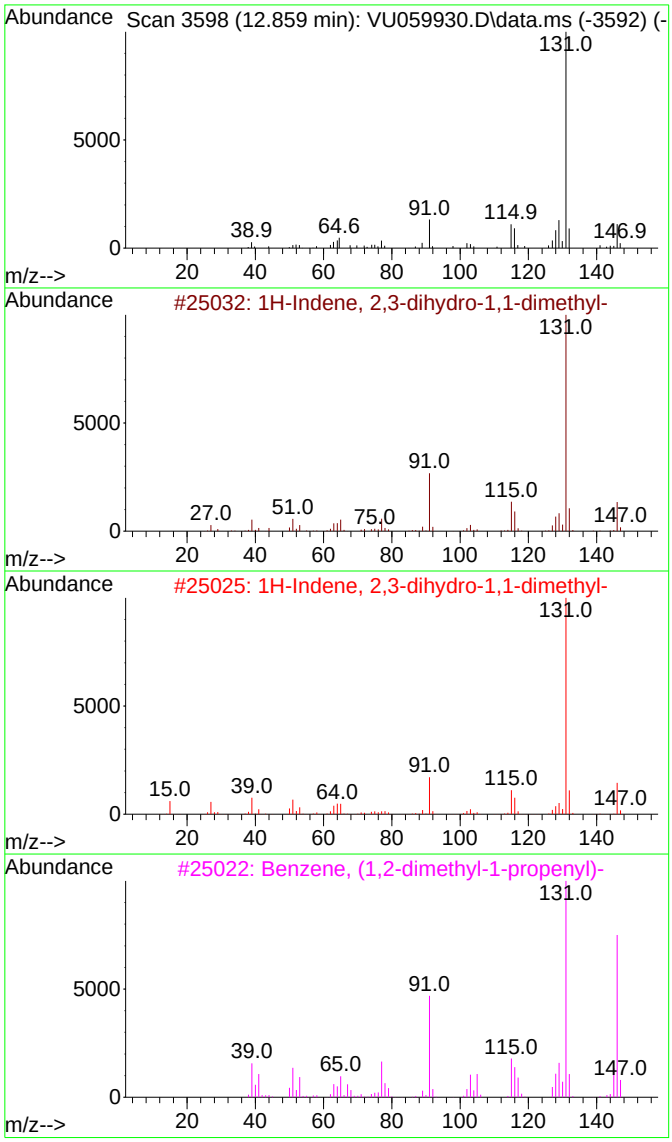
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

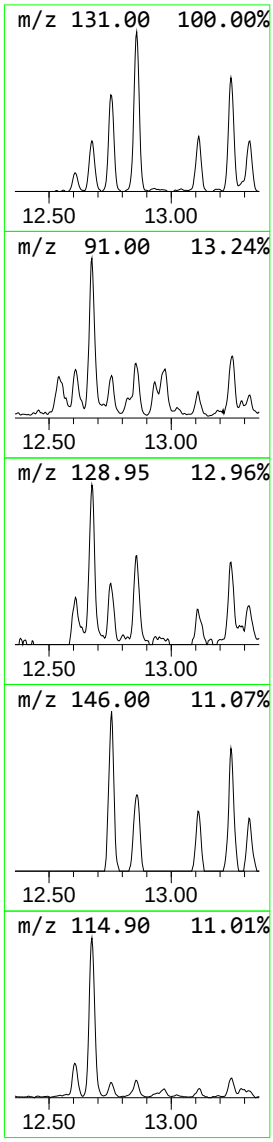
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	0.76 ug/L	97406	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	86
5	1,2,3,4-Tetrahydro-1-naphthalene...	236	C13H20SSi	1000470-19-9	86





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

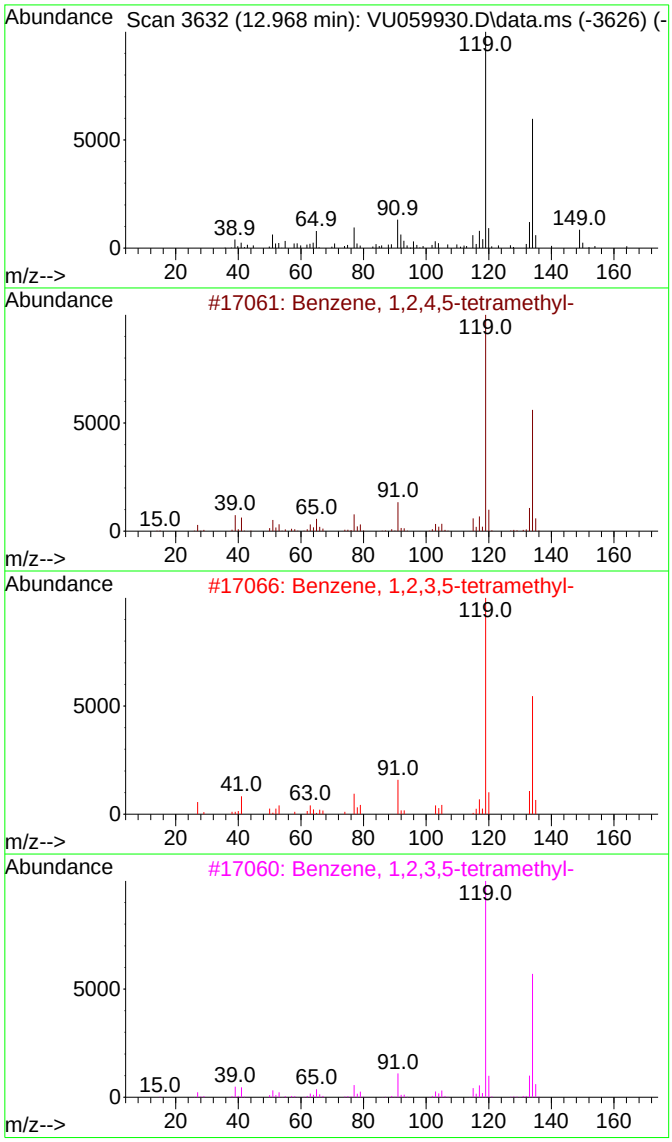
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

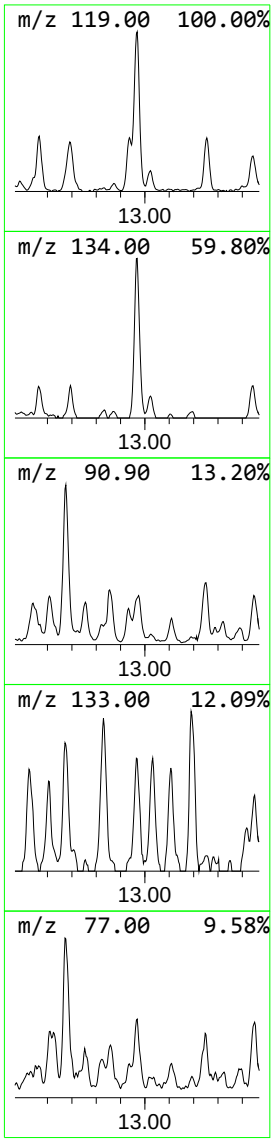
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	0.69 ug/L	88242	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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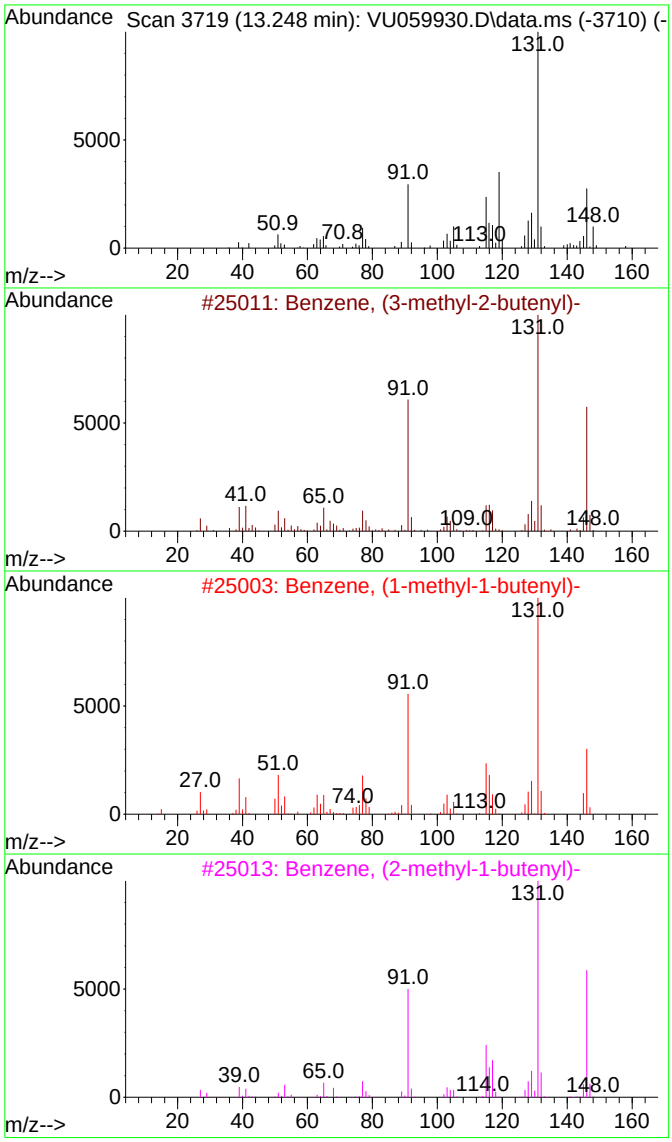
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

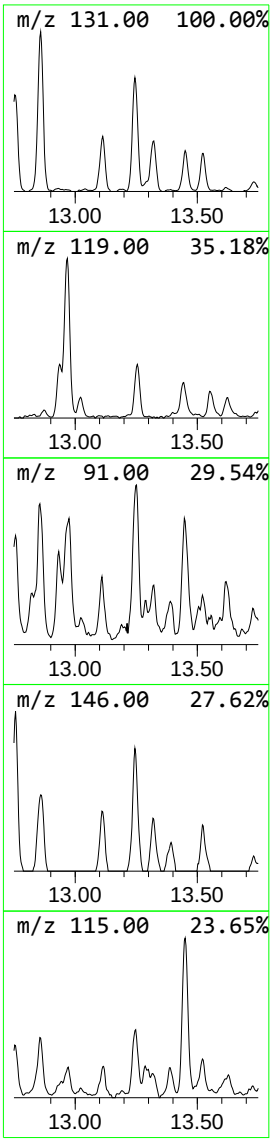
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methyl-1-butenyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	0.59 ug/L	75315	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	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

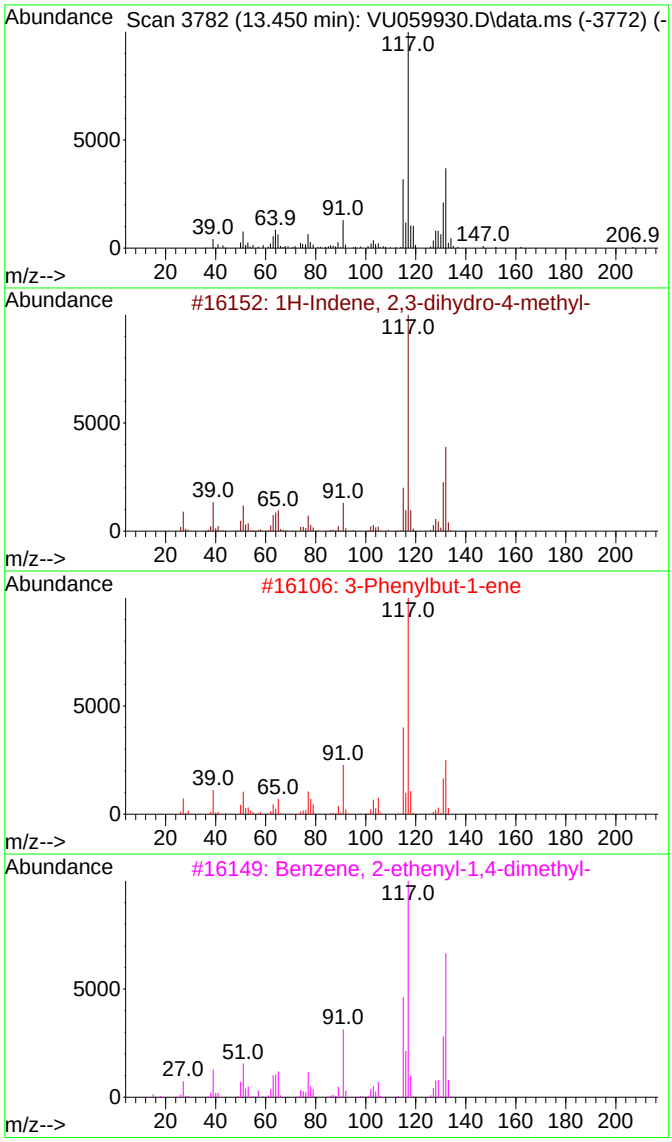
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

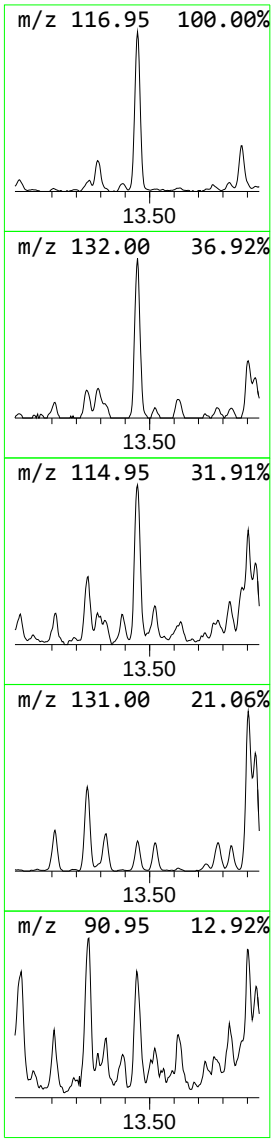
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	1.11 ug/L	141811	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

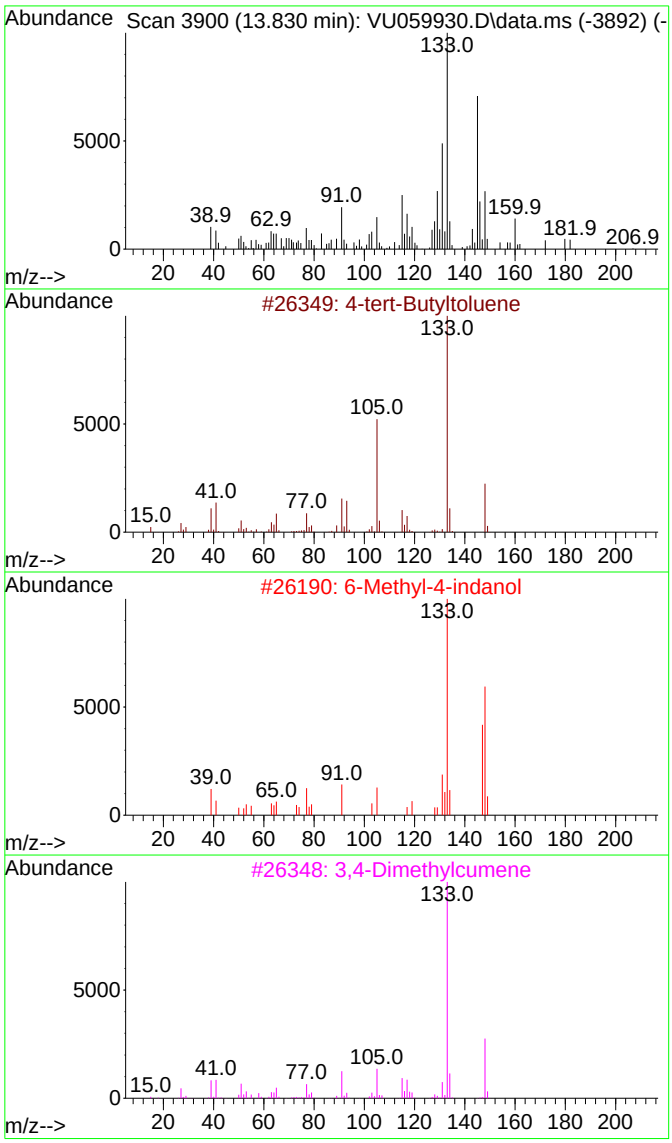
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

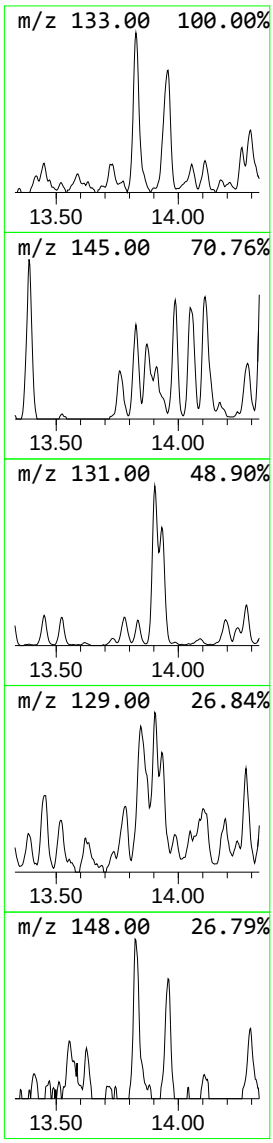
****

Peak Number 18 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	0.66 ug/L	84759	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyltoluene	148	C11H16	000098-51-1	38
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	38
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	38
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	38





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

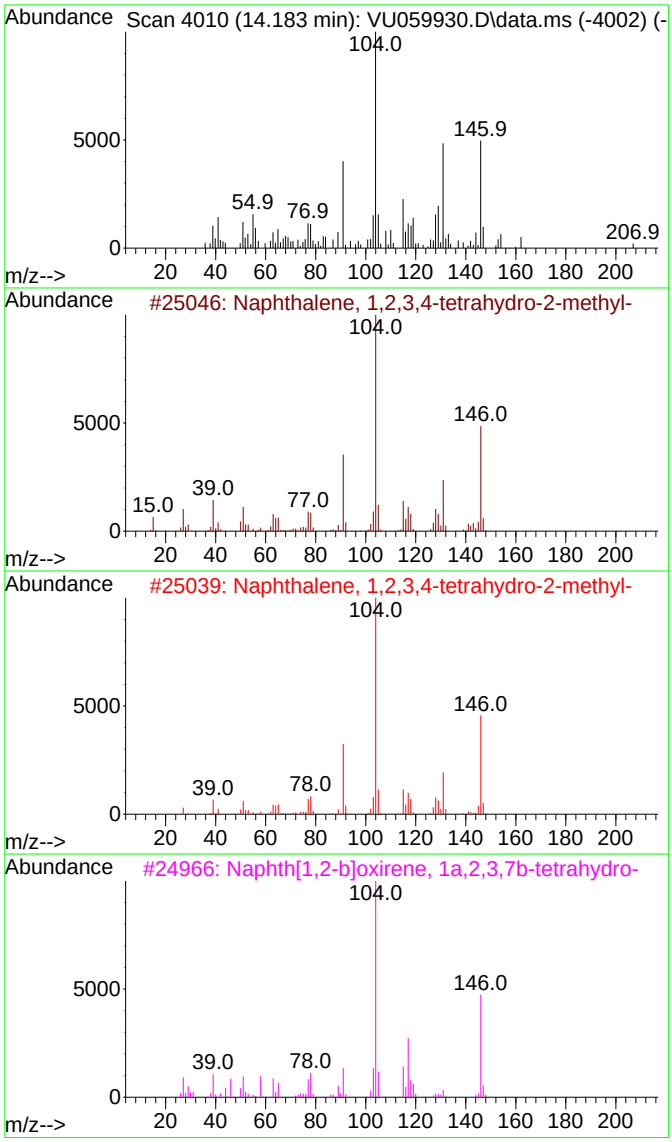
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

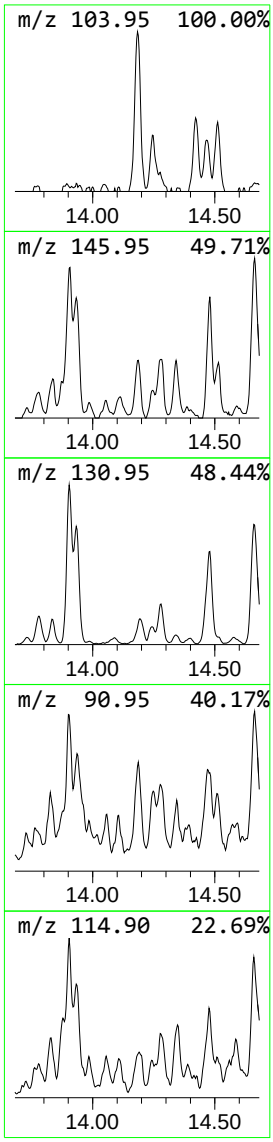
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.183	0.55 ug/L	70335	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	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

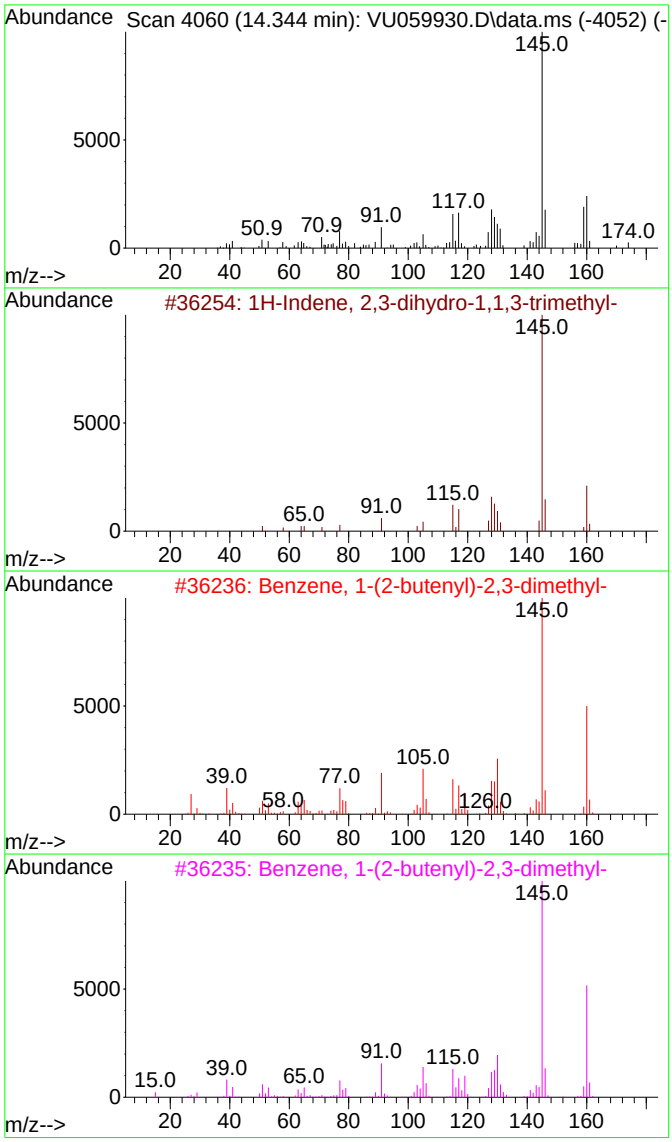
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

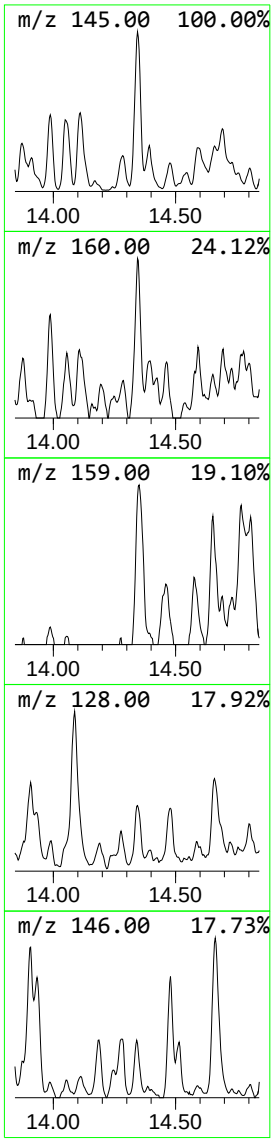
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.344	0.63 ug/L	80131	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	76
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	74





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

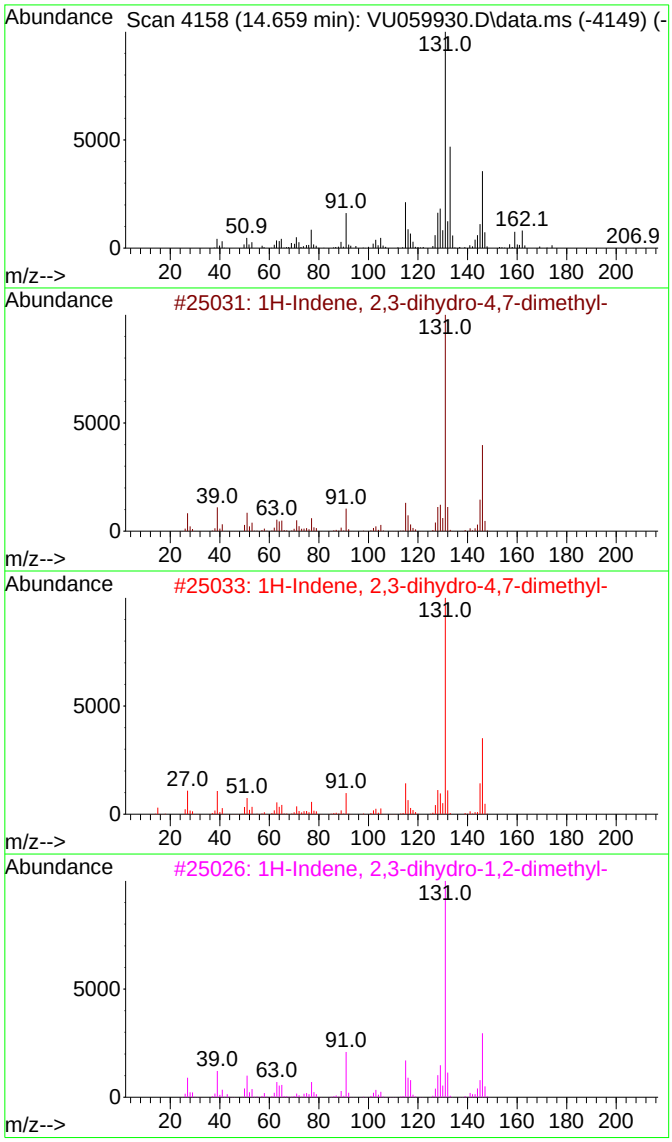
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

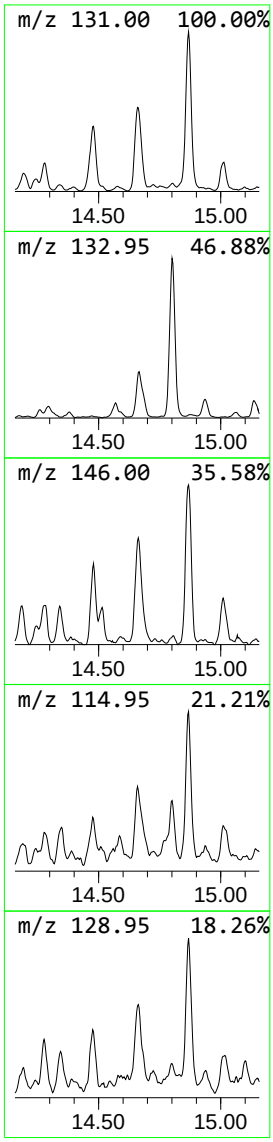
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.659	1.52 ug/L	193446	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

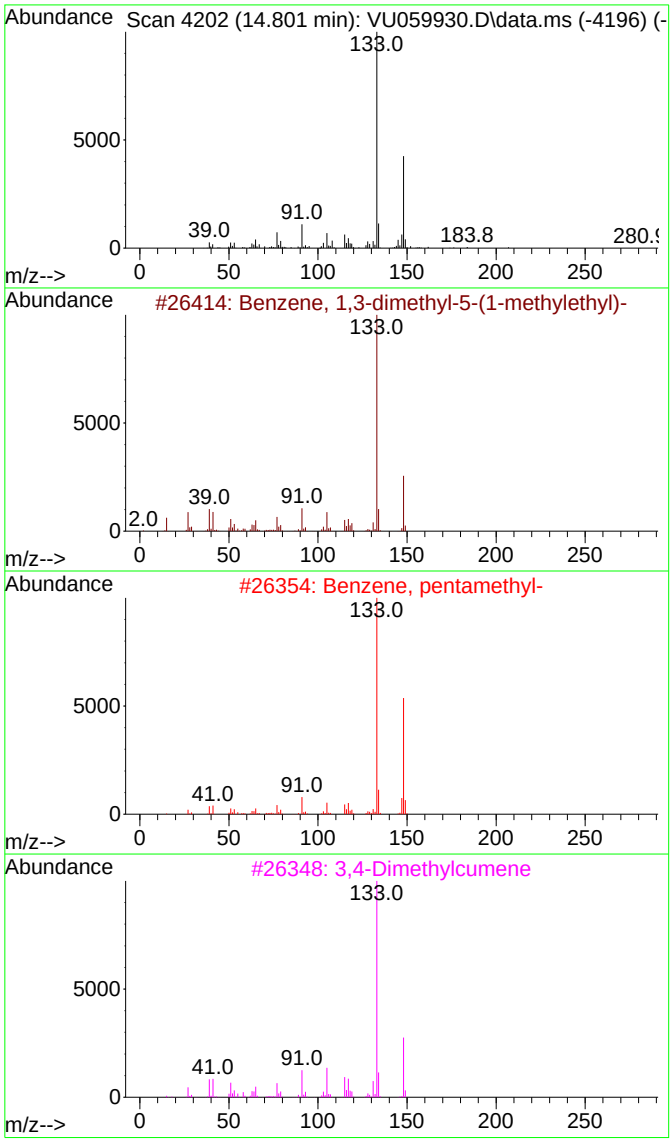
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

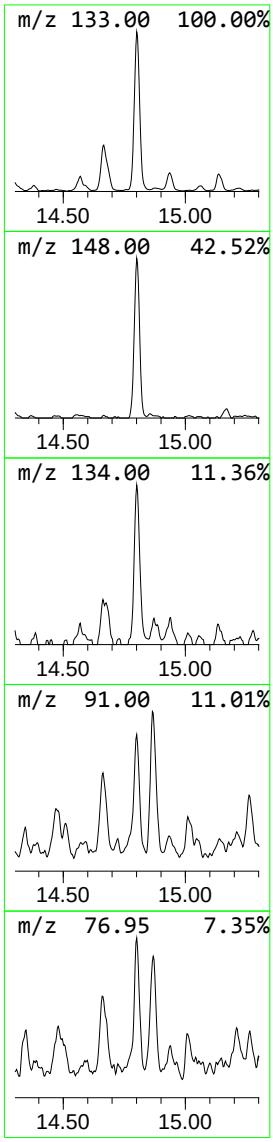
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	1.37 ug/L	175148	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	90
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

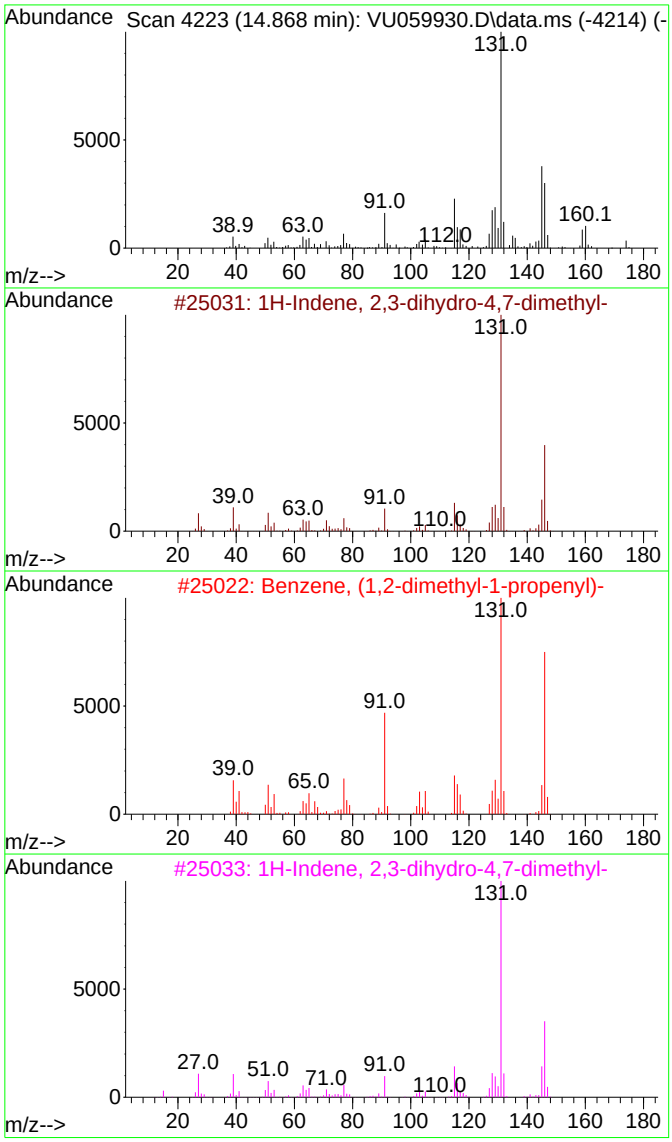
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

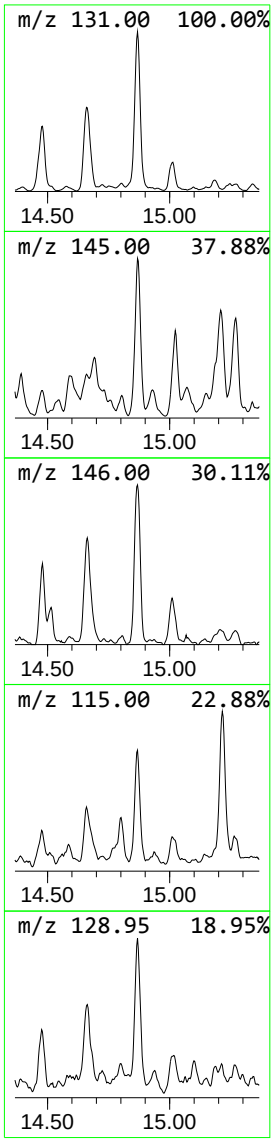
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	2.19 ug/L	279712	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

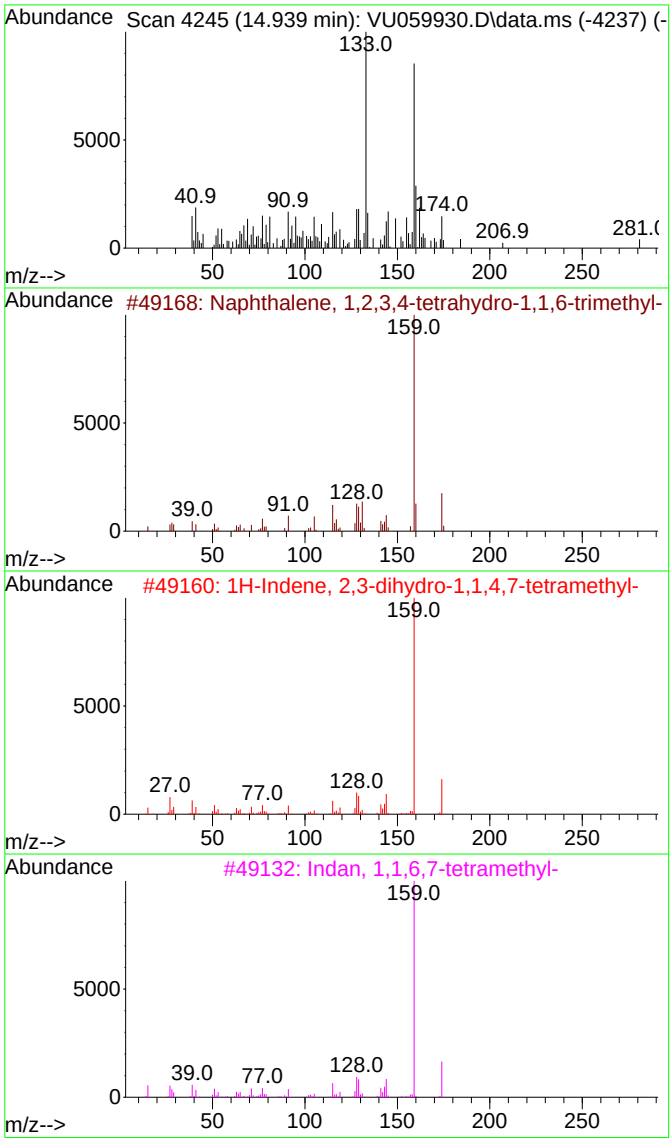
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

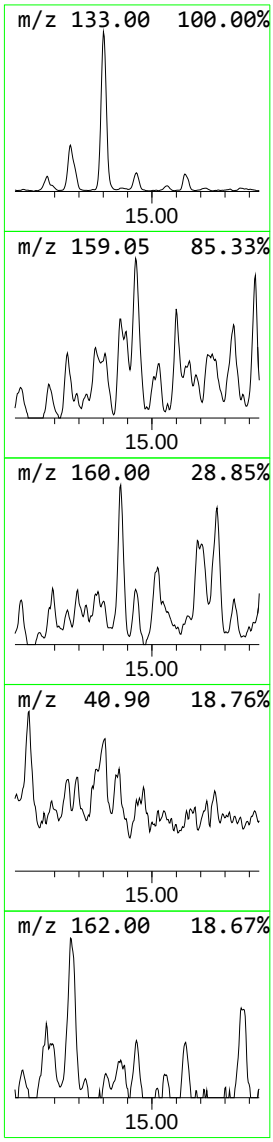
****

Peak Number 25 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	0.52 ug/L	66400	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	42
2	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	38
3	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	38
4	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

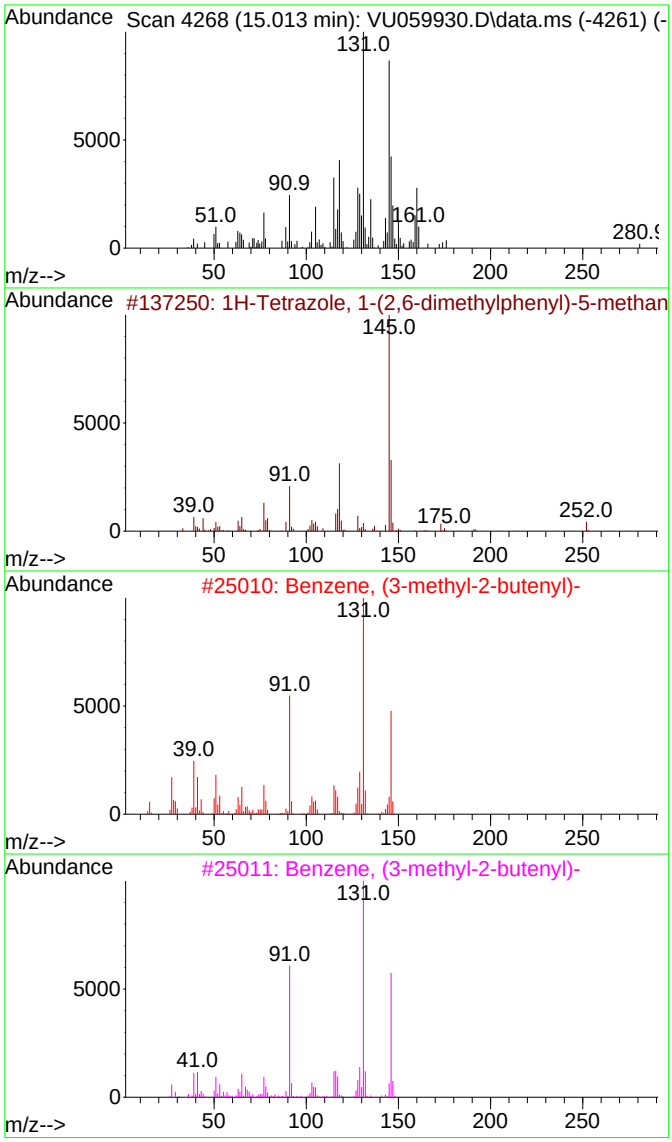
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

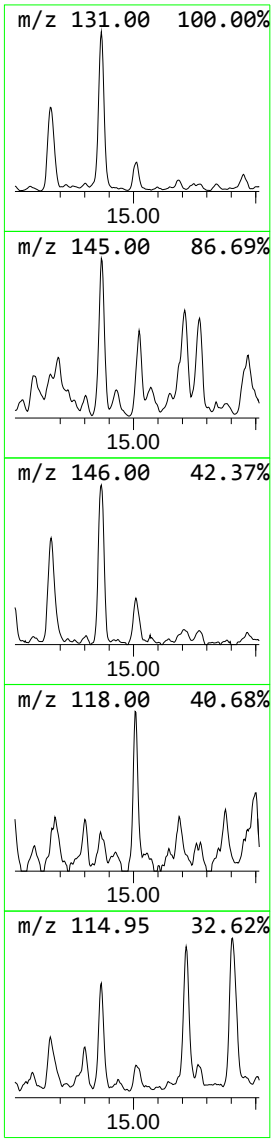
****

Peak Number 26 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	0.60 ug/L	76121	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole, 1-(2,6-dimethylphe...	252	C10H12N4O2S	1010304-87-9	35
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	30





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Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

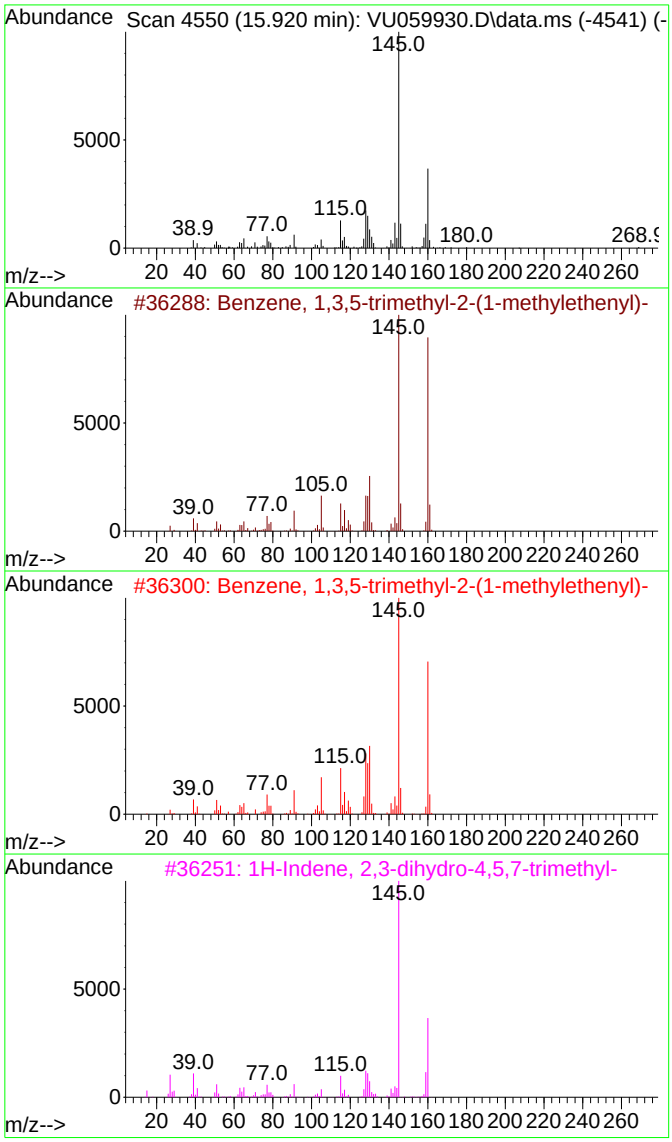
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

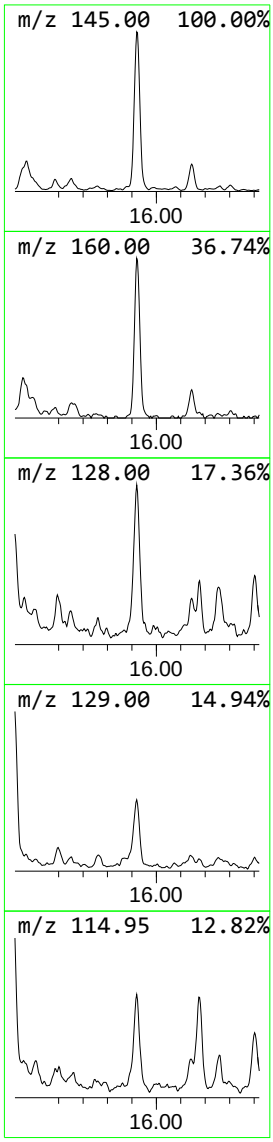
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	1.24 ug/L	157760	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	90
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	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	021693-54-9	86
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

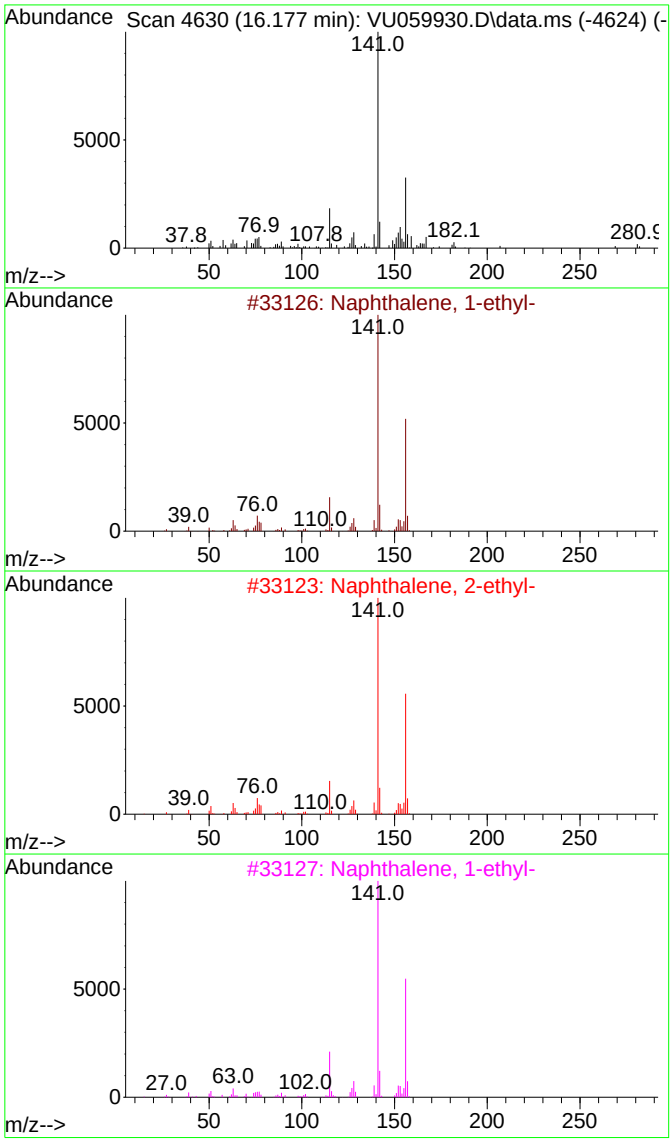
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

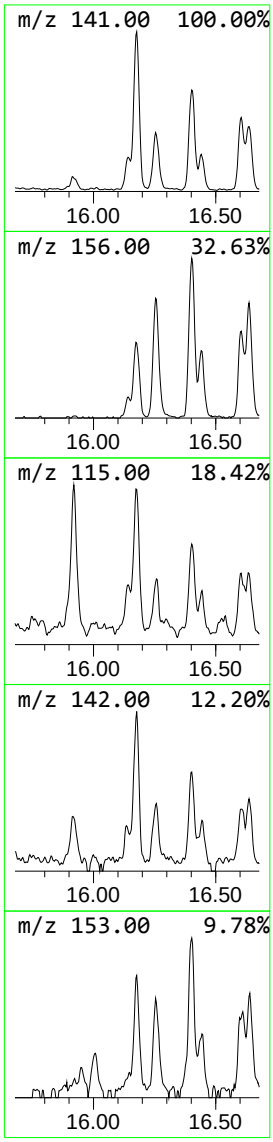
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 1-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.177	0.75 ug/L	96176	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	74
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	74





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Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

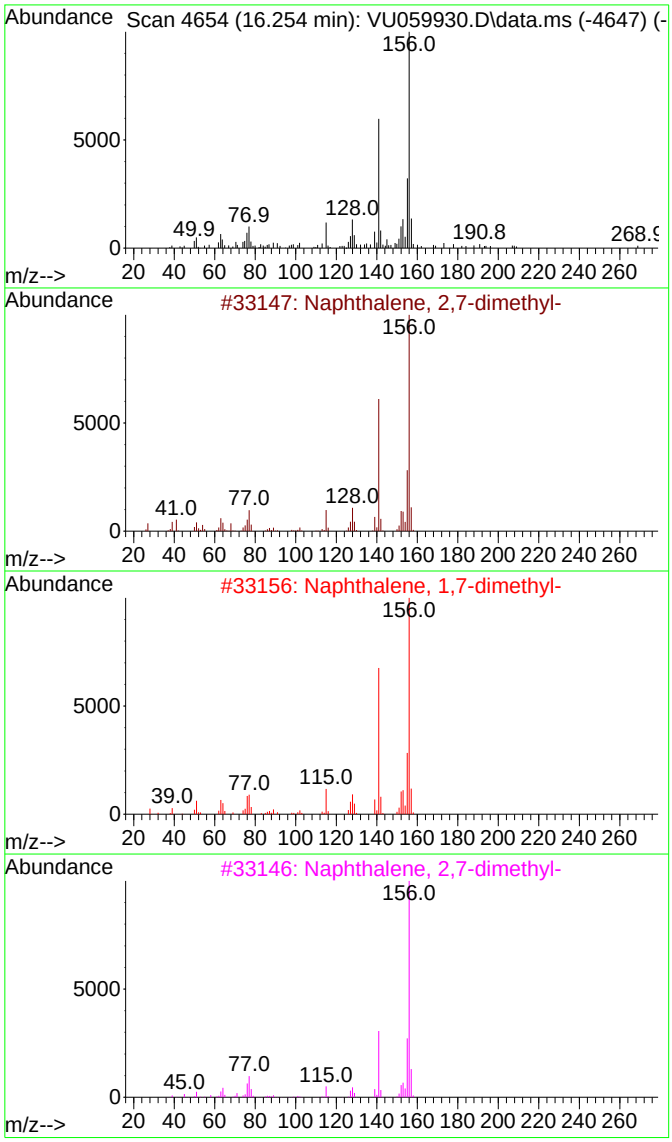
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

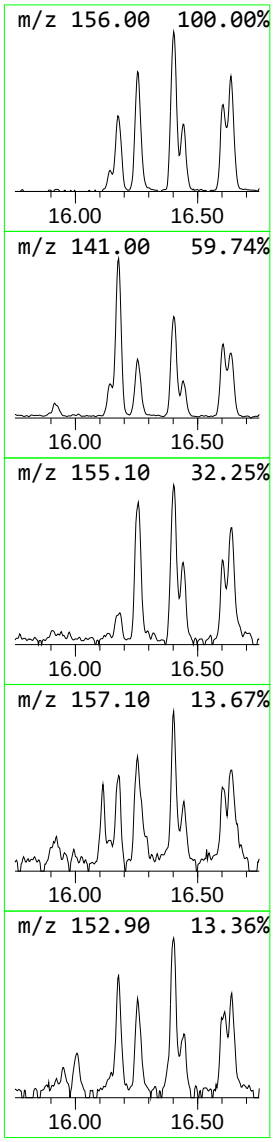
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	0.98 ug/L	125220	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

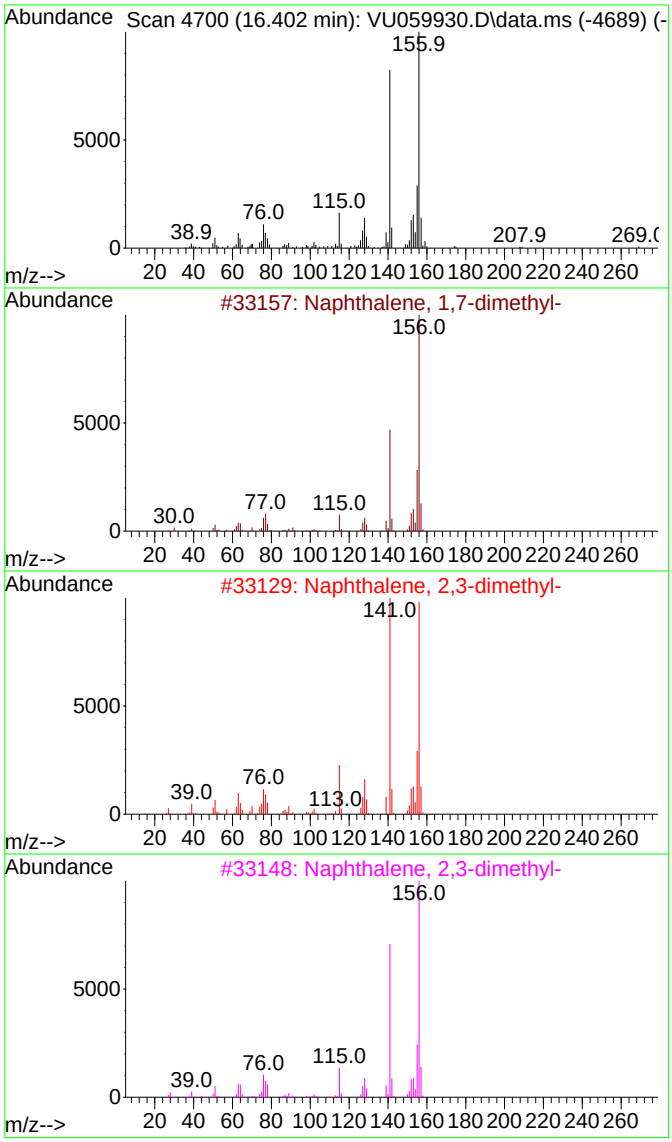
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

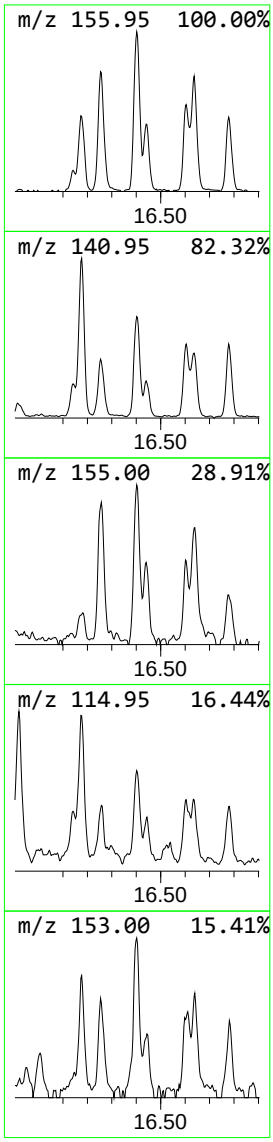
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	0.88 ug/L	112102	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

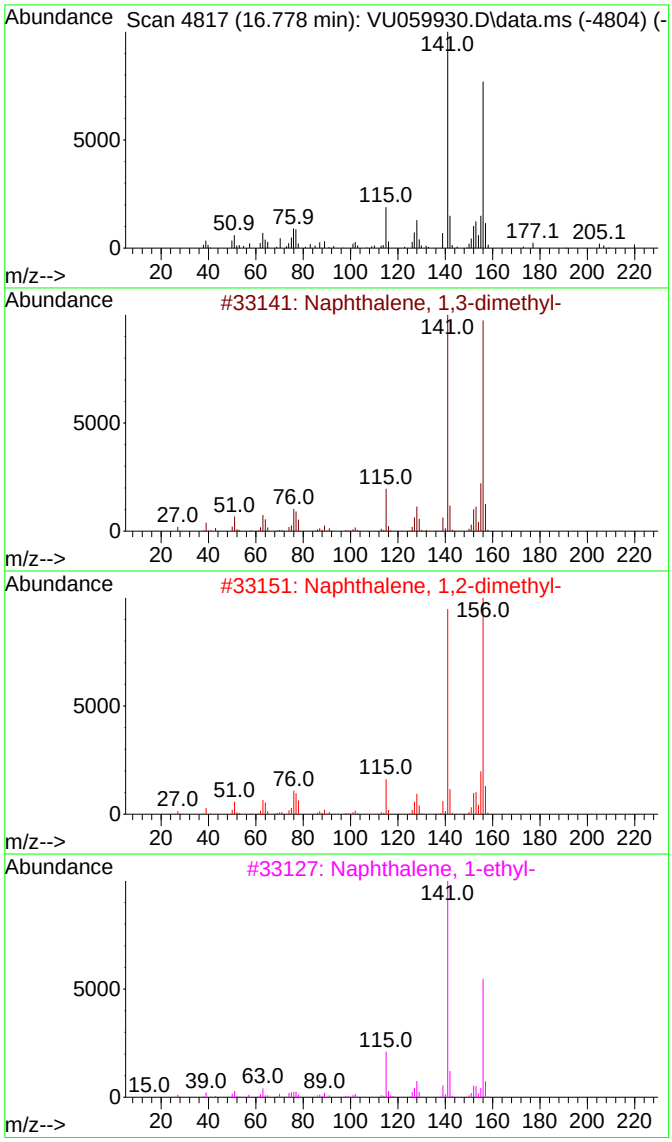
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

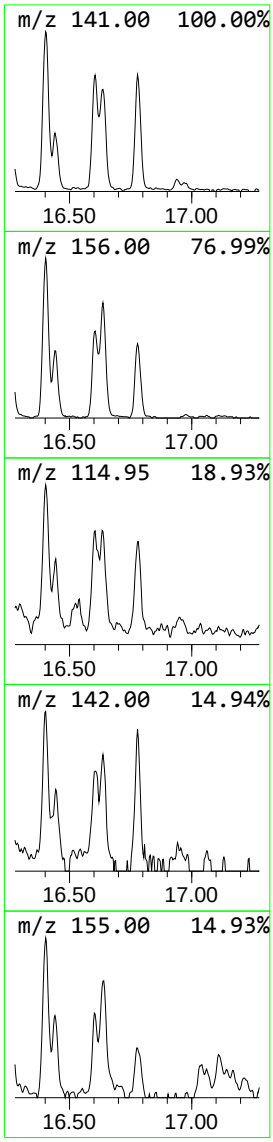
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	0.60 ug/L	76130	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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
Acetaldehyde	1.718	6.4	ug/L	564788	1	6.261	442878	5.0
Diisopropyl ether	4.042	2.8	ug/L	246236	1	6.261	442878	5.0
Butanal	4.502	0.6	ug/L	52173	1	6.261	442878	5.0
Pentanal	6.901	0.5	ug/L	47546	1	6.261	442878	5.0
Bicyclo[2.2.1]h...	10.695	1.1	ug/L	147389	3	11.807	638064	5.0
Benzene, tert-b...	11.412	0.6	ug/L	69656	3	11.807	638064	5.0
Benzene, (2-met...	11.602	1.1	ug/L	146637	3	11.807	638064	5.0
Indane	12.087	11.5	ug/L	1465400	3	11.807	638064	5.0
Benzene, 1,2-di...	12.296	1.5	ug/L	196451	3	11.807	638064	5.0
Benzene, 2-bute...	12.611	1.0	ug/L	127782	3	11.807	638064	5.0
Benzene, 1-ethe...	12.675	2.8	ug/L	358898	3	11.807	638064	5.0
Benzene, (3-met...	12.756	0.7	ug/L	89030	3	11.807	638064	5.0
1H-Indene, 2,3-...	12.859	0.8	ug/L	97406	3	11.807	638064	5.0
Benzene, 1,2,4,...	12.968	0.7	ug/L	88242	3	11.807	638064	5.0
Benzene, (1-met...	13.248	0.6	ug/L	75315	3	11.807	638064	5.0
1H-Indene, 2,3-...	13.450	1.1	ug/L	141811	3	11.807	638064	5.0
unknown-01	13.830	0.7	ug/L	84759	3	11.807	638064	5.0
Naphthalene, 1,...	14.183	0.6	ug/L	70335	3	11.807	638064	5.0
1H-Indene, 2,3-...	14.344	0.6	ug/L	80131	3	11.807	638064	5.0
1H-Indene, 2,3-...	14.659	1.5	ug/L	193446	3	11.807	638064	5.0
Benzene, 1,3-di...	14.801	1.4	ug/L	175148	3	11.807	638064	5.0
1H-Indene, 2,3-...	14.868	2.2	ug/L	279712	3	11.807	638064	5.0
unknown-02	14.939	0.5	ug/L	66400	3	11.807	638064	5.0
unknown-03	15.013	0.6	ug/L	76121	3	11.807	638064	5.0
Benzene, 1,3,5-...	15.920	1.2	ug/L	157760	3	11.807	638064	5.0
Naphthalene, 1-...	16.177	0.8	ug/L	96176	3	11.807	638064	5.0
Naphthalene, 2,...	16.254	1.0	ug/L	125220	3	11.807	638064	5.0
Naphthalene, 1,...	16.402	0.9	ug/L	112102	3	11.807	638064	5.0
Naphthalene, 1,...	16.778	0.6	ug/L	76130	3	11.807	638064	5.0