LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

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\SFAMUTR091923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU055633.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	16	21	41	rVB3	23563	30527	2.41%	0.212%
2	1.489	56	62	75	rVB	83069	83796	6.60%	0.582%
3	1.599	87	96	104	rBV2	141663	171935	13.55%	1.194%
4	1.882	176	184	187	rBV3	25178	30996	2.44%	0.215%
5	1.911	187	193	209	rVV	86511	119649	9.43%	0.831%
6	1.991	213	218	228	rVB2	12789	18716	1.48%	0.130%
7	2.370	324	336	362	rVB2	414074	703772	55.47%	4.886%
8	2.566	384	397	411	rBV2	134717	233572	18.41%	1.621%
9	3.042	532	545	556	rBV2	14017	28740	2.27%	0.200%
10	3.354	630	642	658	rBV	50301	102716	8.10%	0.713%
11	3.865	784	801	827	rVV	529054	1268780	100.00%	8.808%
12	3.988	828	839	860	rVB3	13656	37337	2.94%	0.259%
13	4.663	1024	1049	1086	rBV2	430692	1232328	97.13%	8.555%
14	5.062	1157	1173	1196	rBV	144184	323846	25.52%	2.248%
15	5.390	1259	1275	1288	rVB3	8453	19018	1.50%	0.132%
16	5.724	1359	1379	1388	rBV3	260074	694576	54.74%	4.822%
17	5.779	1388	1396	1423	rVB3	213674	561336	44.24%	3.897%
18	6.248	1529	1542	1565	rBV	198202	392224	30.91%	2.723%
19	6.541	1621	1633	1654	rVB2	92161	179975	14.18%	1.249%
20	6.689	1664	1679	1694	rBV2	166095	335608	26.45%	2.330%
21	6.759	1695	1701	1721	rVB7	16204	34871	2.75%	0.242%
22	7.161	1811	1826	1839	rBV5	8234	18397	1.45%	0.128%
23	7.566	1941	1952	1976	rBV	77417	145088	11.44%	1.007%
24	7.897	2044	2055	2070	rVV	300185	528545	41.66%	3.669%
25	7.971	2071	2078	2088	rVB3	13999	24860	1.96%	0.173%
26	8.180	2130	2143	2155	rBV	46602	84745	6.68%	0.588%
27	8.245	2155	2163	2178	rVB9	7682	16046	1.26%	0.111%
28	8.553	2249	2259	2272	rVB4	27423	48503	3.82%	0.337%
29	8.634	2272	2284	2324	rBV3	284612	704266	55.51%	4.889%
30	8.862	2347	2355	2365	rVB3	10338	16592	1.31%	0.115%
31	9.418	2515	2528	2531	rBV	317907	490696	38.67%	3.406%
32	9.444	2532	2536	2551	rVB	381722	586201	46.20%	4.069%
33	9.573	2567	2576	2587	rVB	13286	20183	1.59%	0.140%
34	9.669	2593	2606	2629	rBV10	20795	61111	4.82%	0.424%
35	10.103	2736	2741	2762	rVB8	7261	16259	1.28%	0.113%
36	10.270	2786	2793	2802	rVB5	8548	13740	1.08%	0.095%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

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\SFAMUTR091923WMA.M
Title : TRACE VOA SFAM1.0

37	10.483	2849	2859	2869	rBV2	23959	39743	3.13%	0.276%
38	10.753	2932	2943	2955	rVV2	133893	222188	17.51%	1.542%
39	10.897	2978	2988	3000	rBV4	13548	28541	2.25%	0.198%
40	11.293	3102	3111	3132	rVB3	25184	49879	3.93%	0.346%
41	11.418	3139	3150	3157	rBV3	8375	14132	1.11%	0.098%
42	11.470	3157	3166	3178	rVB2	15593	25436	2.00%	0.177%
43	11.643	3212	3220	3232	rVB	48533	78294	6.17%	0.544%
44	11.746	3241	3252	3261	rBV	49700	81124	6.39%	0.563%
45	11.810	3261	3272	3292	rVV2	367704	747129	58.89%	5.187%
46	11.894	3292	3298	3308	rVB2	11514	17870	1.41%	0.124%
47	12.007	3324	3333	3347	rVB	20835	32347	2.55%	0.225%
48	12.093	3348	3360	3378	rBV2	216117	358786	28.28%	2.491%
49	12.190	3378	3390	3405	rVB	369925	639617	50.41%	4.440%
50	12.299	3414	3424	3434	rVB7	10385	17092	1.35%	0.119%
51	12.373	3438	3447	3458	rBV4	10668	18657	1.47%	0.130%
52	12.463	3463	3475	3480	rBV2	19383	31651	2.49%	0.220%
53	12.495	3480	3485	3493	rVB	16566	21950	1.73%	0.152%
54	12.611	3512	3521	3533	rVB	68282	109812	8.65%	0.762%
55	12.679	3533	3542	3550	rBV	61631	109552	8.63%	0.761%
56	12.759	3562	3567	3578	rVB5	9811	15306	1.21%	0.106%
57	12.862	3591	3599	3613	rVB	46106	77637	6.12%	0.539%
58	12.942	3617	3624	3629	rBV5	11623	18172	1.43%	0.126%
59	13.023	3640	3649	3663	rVB	45212	78733	6.21%	0.547%
60	13.109	3665	3676	3690	rVB5	29637	53497	4.22%	0.371%
61	13.248	3694	3719	3726	rBV4	35385	83788	6.60%	0.582%
62	13.293	3726	3733	3738	rBV	20304	27746	2.19%	0.193%
63	13.450	3772	3782	3795	rVV4	111895	200470	15.80%	1.392%
64	13.524	3797	3805	3817	rVV6	15556	29942	2.36%	0.208%
65	13.589	3818	3825	3829	rVV7	12195	19280	1.52%	0.134%
66	13.621	3830	3835	3852	rVB5	26170	44694	3.52%	0.310%
67	13.733	3860	3870	3876	rBV5	18391	30630	2.41%	0.213%
68	13.778	3876	3884	3892	rVV4	23663	42278	3.33%	0.293%
69	13.839	3892	3903	3910	rVV4	61464	108826	8.58%	0.755%
70	13.907	3911	3924	3927	rVV4	57182	125397	9.88%	0.871%
71	13.939	3927	3934	3948	rVB	125135	211382	16.66%	1.467%
72	14.055	3958	3970	3975	rBV	26879	44786	3.53%	0.311%
73	14.087	3976	3980	3999	rVV4	26190	64087	5.05%	0.445%
74	14.190	4002	4012	4025	rVB2	59195	96275	7.59%	0.668%
75	14.283	4025	4041	4051	rBV2	116442	204814	16.14%	1.422%
76	14.344	4052	4060	4069	rVV7	31350	57149	4.50%	0.397%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

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\SFAMUTR091923WMA.M
Title : TRACE VOA SFAM1.0

77	14.396	4069	4076	4083	rVB	12216	17549	1.38%	0.122%
78	14.479	4092	4102	4109	rBV3	36516	63747	5.02%	0.443%
79	14.515	4109	4113	4122	rVB6	18755	26389	2.08%	0.183%
80	14.666	4150	4160	4164	rBV5	32898	55212	4.35%	0.383%
81	14.762	4183	4190	4196	rBV6	10758	15039	1.19%	0.104%
82	14.804	4197	4203	4214	rVB4	16340	23971	1.89%	0.166%
83	14.875	4215	4225	4237	rVB3	45736	80961	6.38%	0.562%
84	14.939	4237	4245	4254	rVB3	9971	16890	1.33%	0.117%
85	15.016	4258	4269	4283	rBV4	58568	114515	9.03%	0.795%
86	15.193	4317	4324	4329	rBV6	25664	39942	3.15%	0.277%
87	15.267	4340	4347	4361	rVB4	39913	71221	5.61%	0.494%
88	15.341	4363	4370	4379	rVB4	18004	27499	2.17%	0.191%
89	15.418	4379	4394	4402	rBV3	37541	77521	6.11%	0.538%
90	15.466	4403	4409	4415	rBV8	11045	14576	1.15%	0.101%
91	15.576	4430	4443	4444	rBV3	21724	25296	1.99%	0.176%
92	15.920	4535	4550	4557	rBV7	18894	43412	3.42%	0.301%
93	16.006	4571	4577	4589	rVB7	9151	16125	1.27%	0.112%
94	16.183	4625	4632	4640	rVB5	11732	16881	1.33%	0.117%

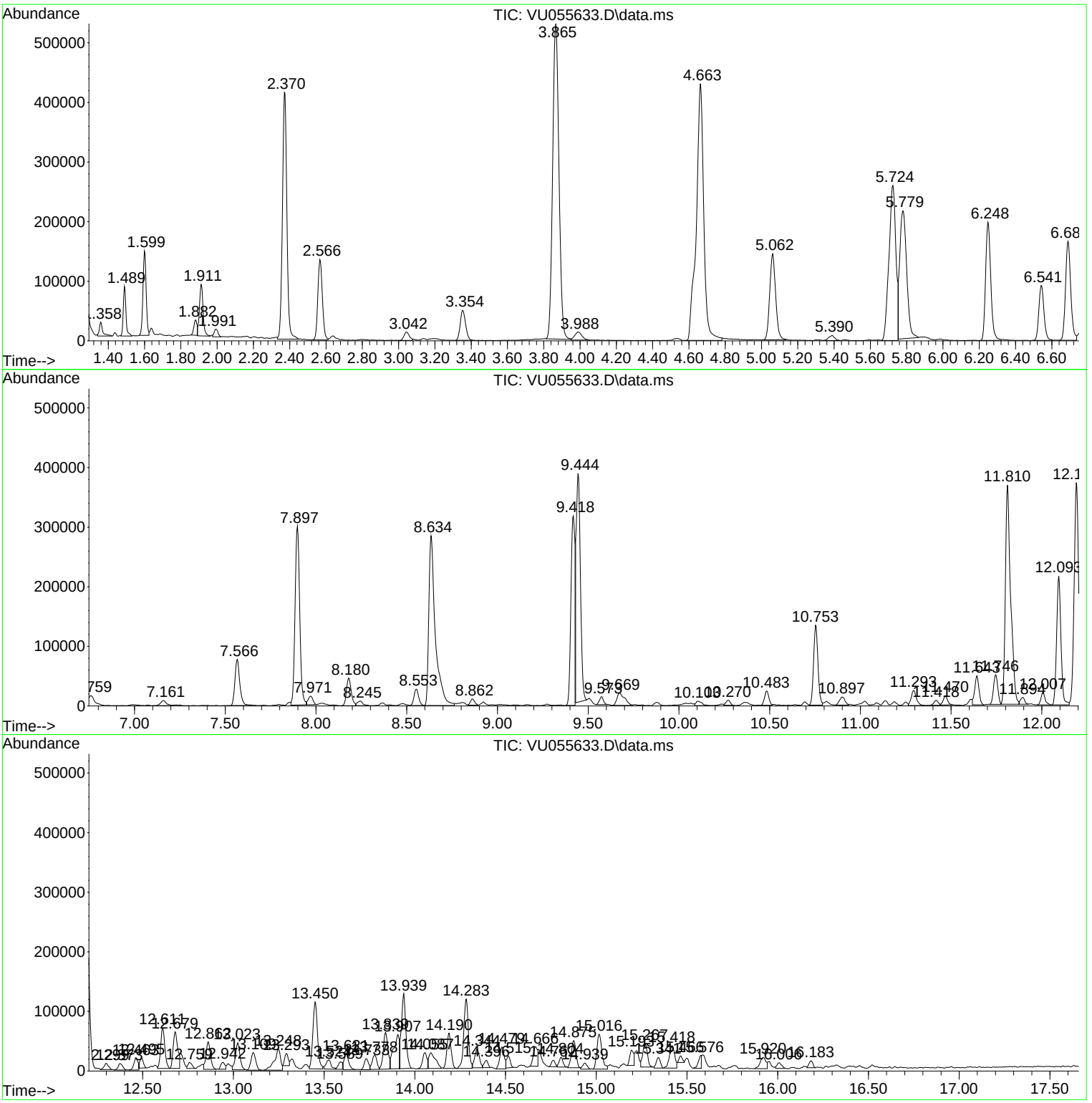
Sum of corrected areas: 14404985

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.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\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

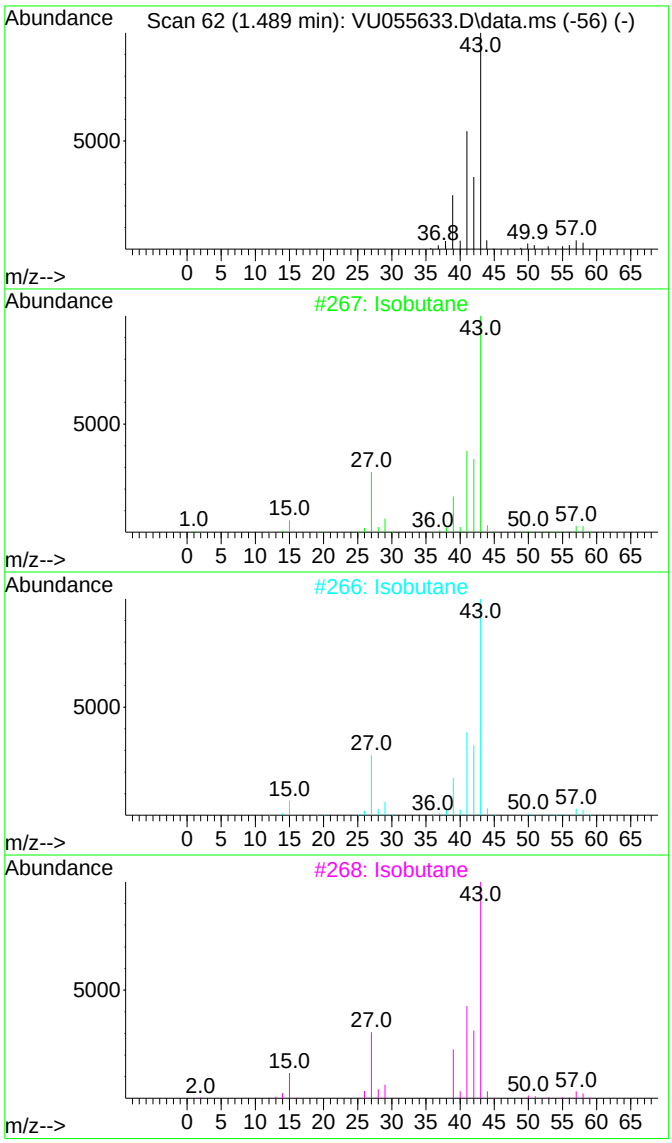
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

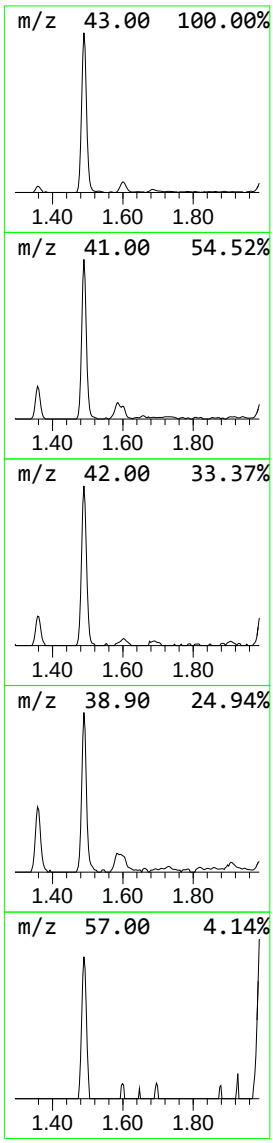
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.489	1.07 ug/L	83796	1,4-Difluorobenzene	6.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	45
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

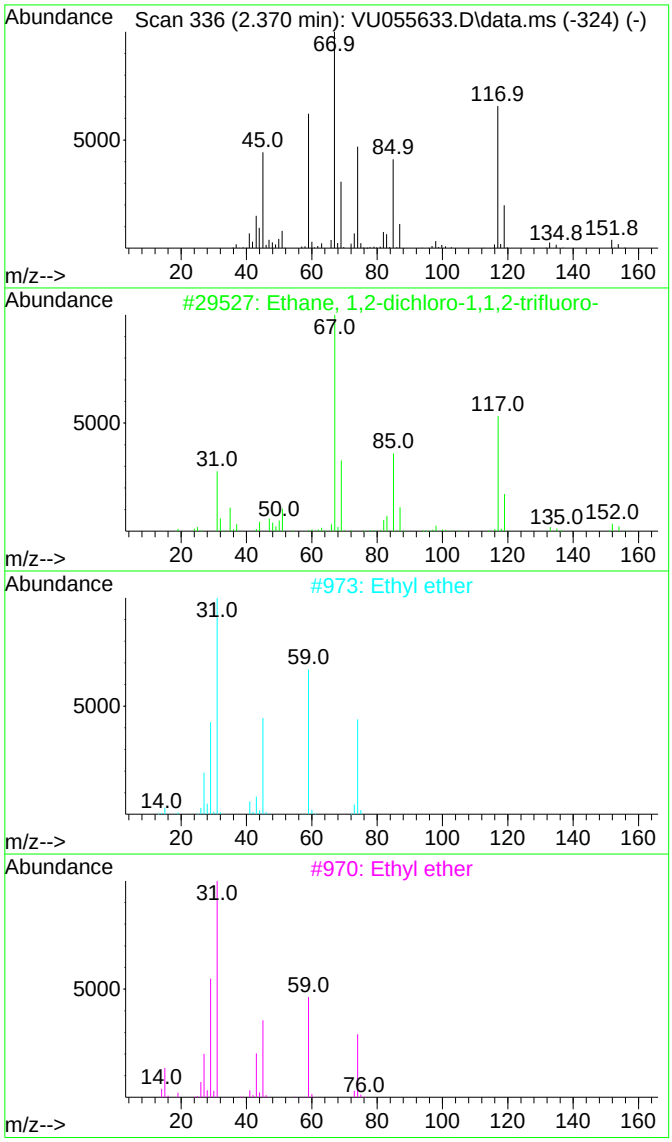
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

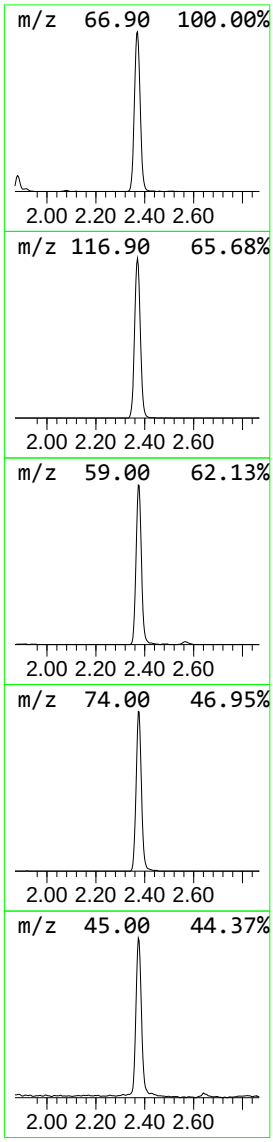
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.370	8.97 ug/L	703772	1,4-Difluorobenzene	6.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	60
2	Ethyl ether	74	C4H10O	000060-29-7	25
3	Ethyl ether	74	C4H10O	000060-29-7	22
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	20
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

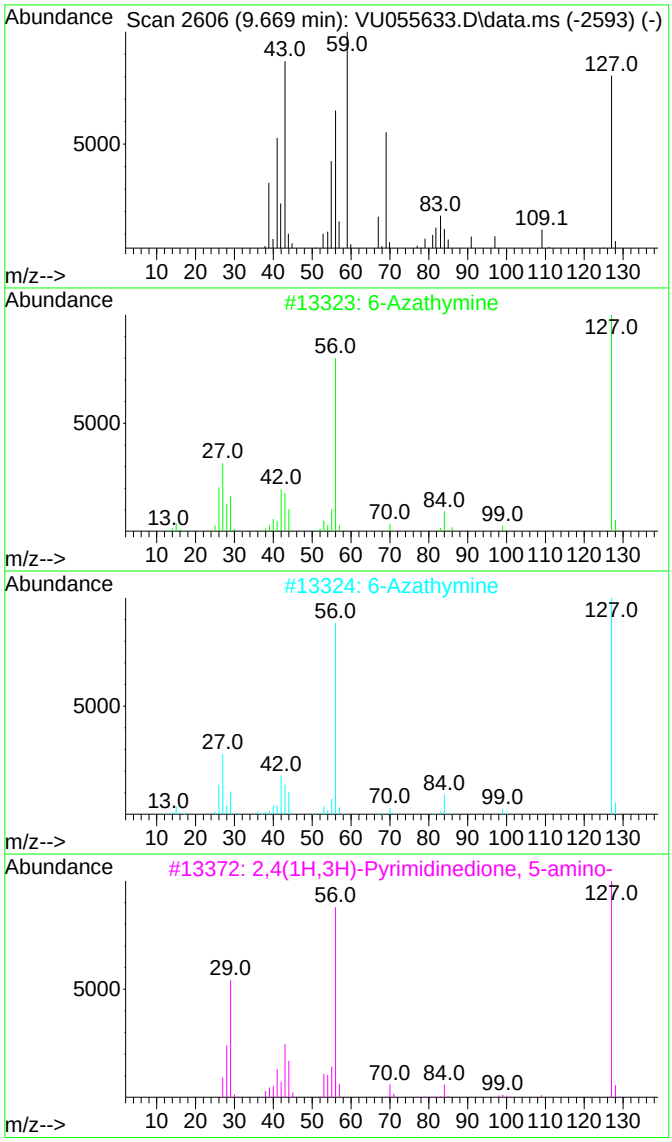
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

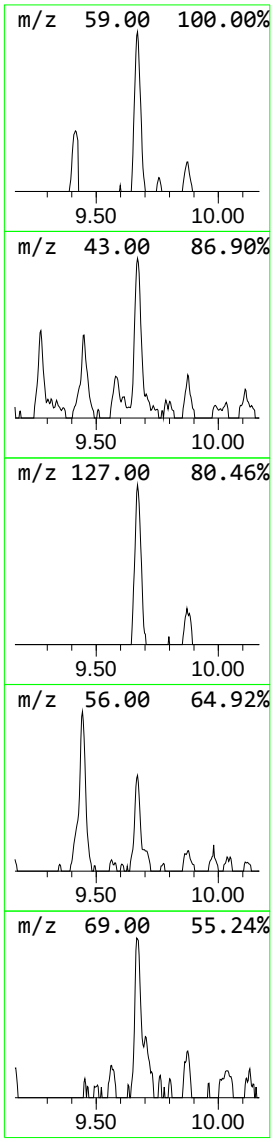
****

Peak Number 4 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	0.62 ug/L	61111	Chlorobenzene-d5	9.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	49
2	6-Azathymine	127	C4H5N3O2	000932-53-6	43
3	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	43
4	2-Azacyclooctanone	127	C7H13NO	000673-66-5	38
5	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

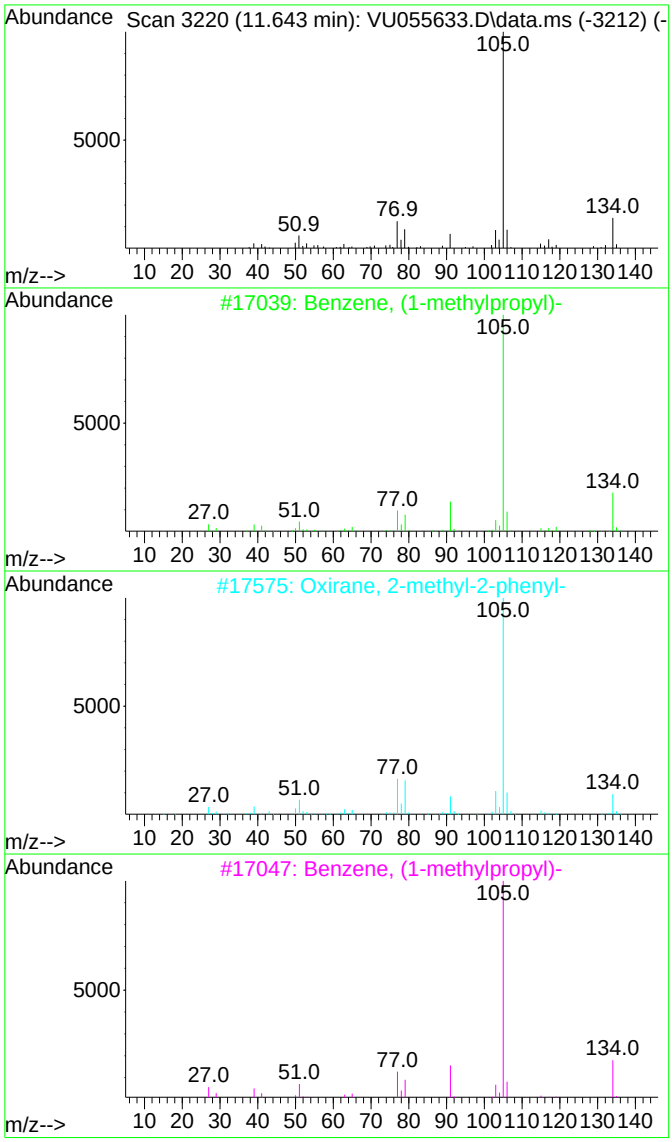
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

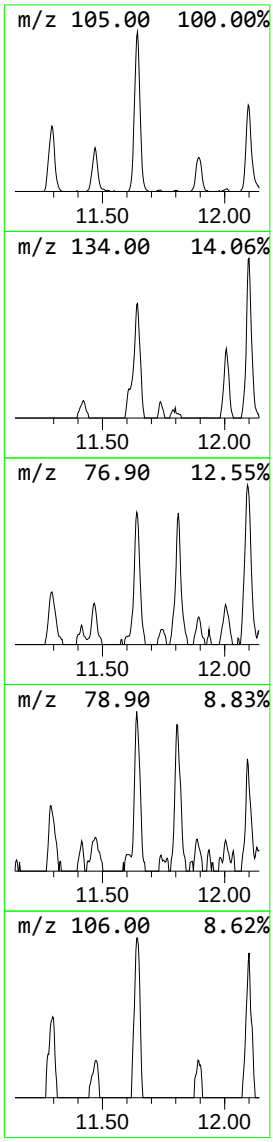
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.643	0.52 ug/L	78294	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

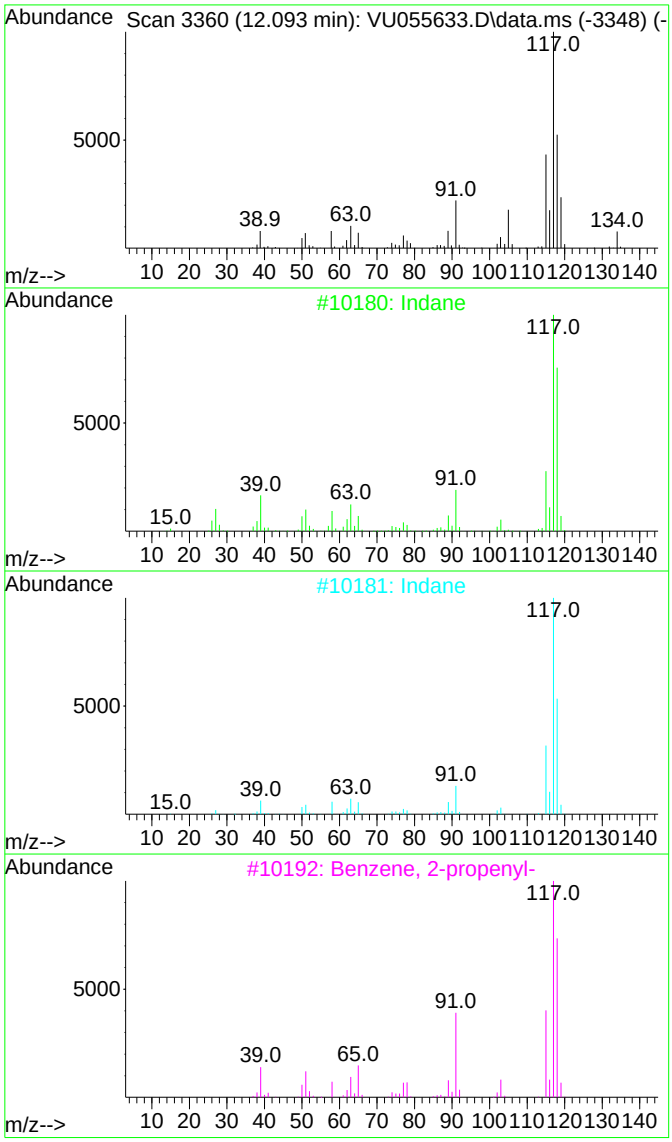
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

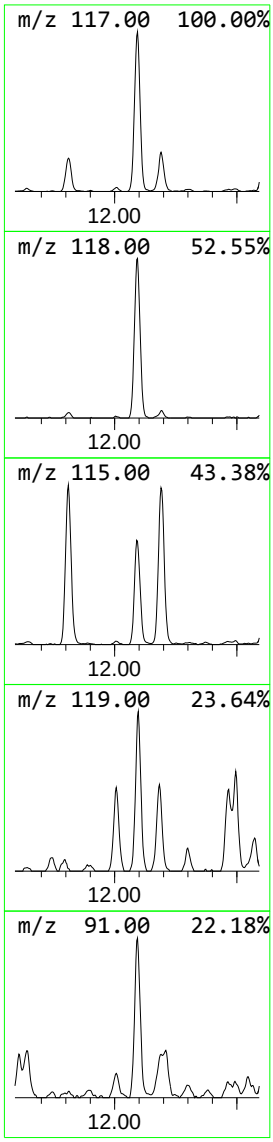
****

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	2.40 ug/L	358786	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

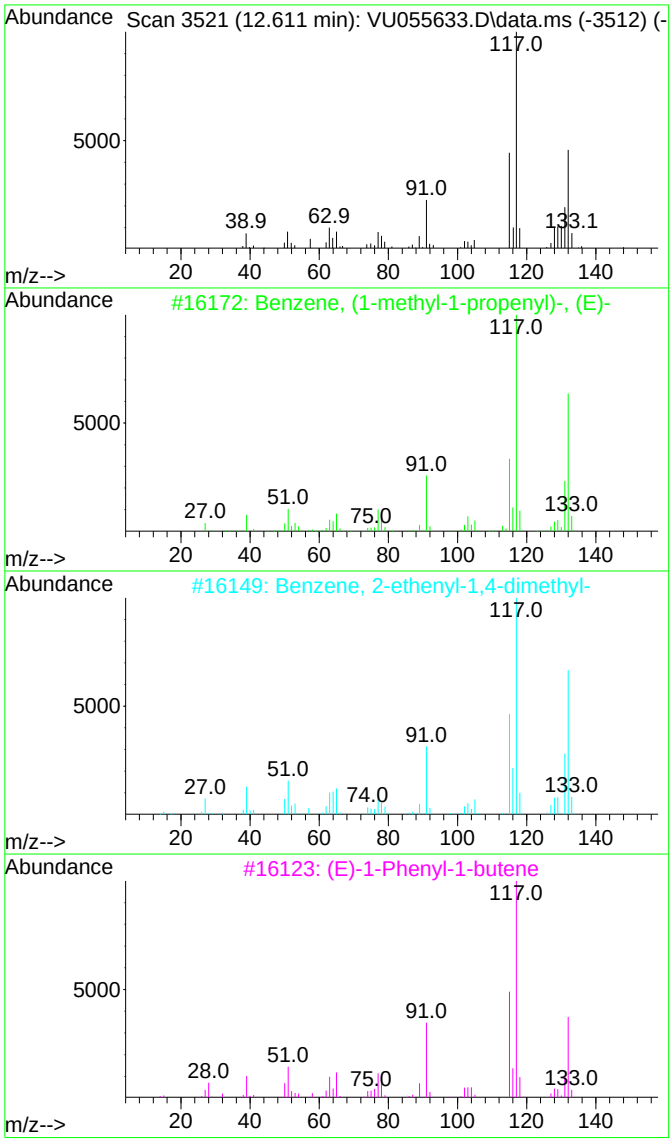
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

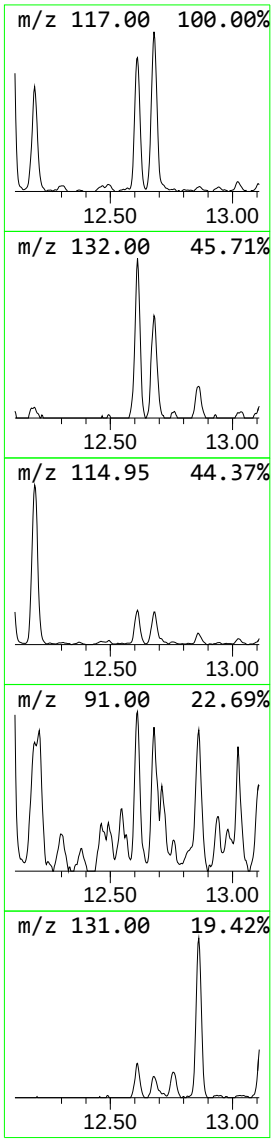
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	0.73 ug/L	109812	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

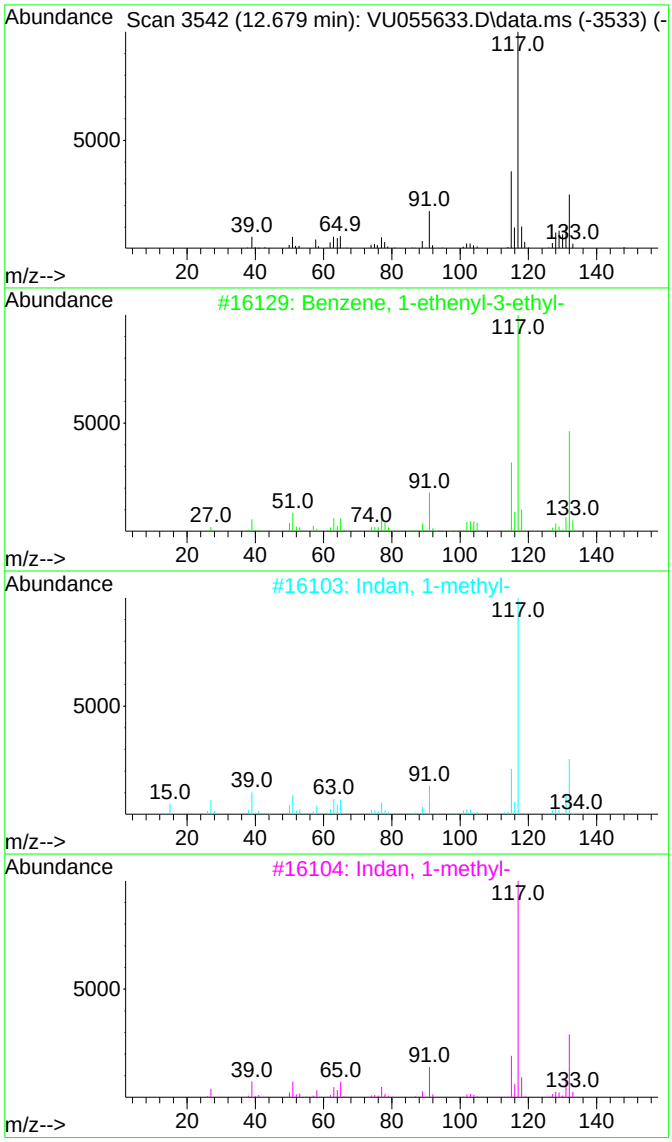
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

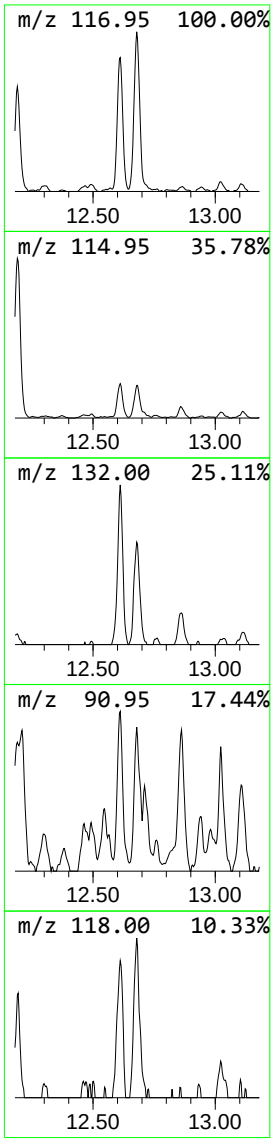
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	0.73 ug/L	109552	1,4-Dichlorobenzene-d4	11.810

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	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

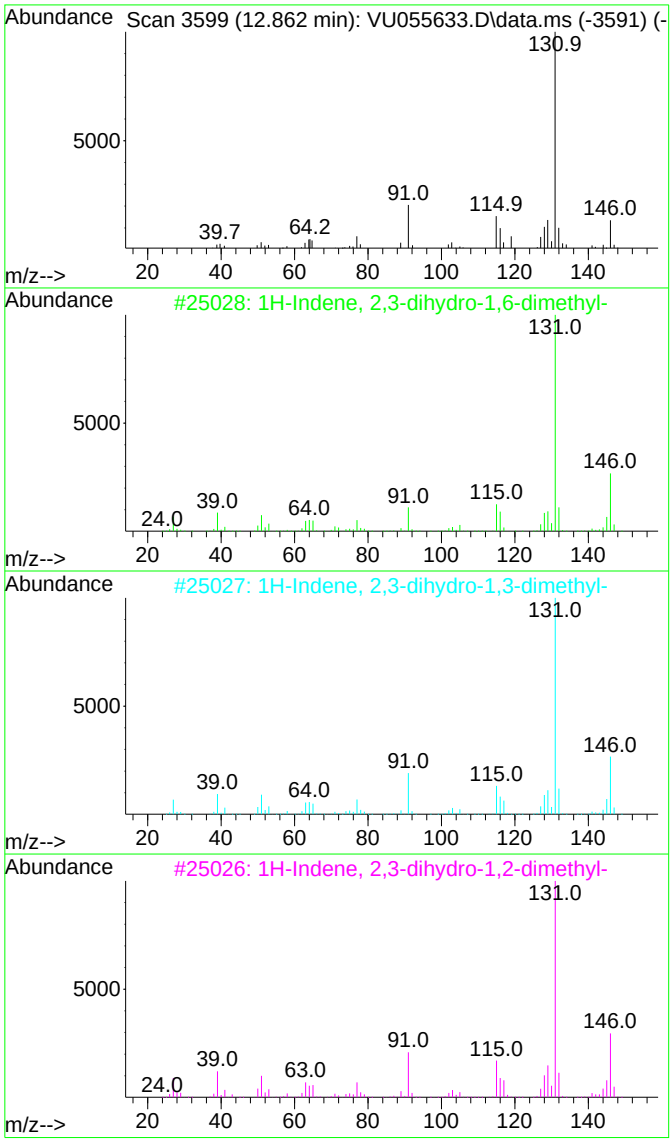
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

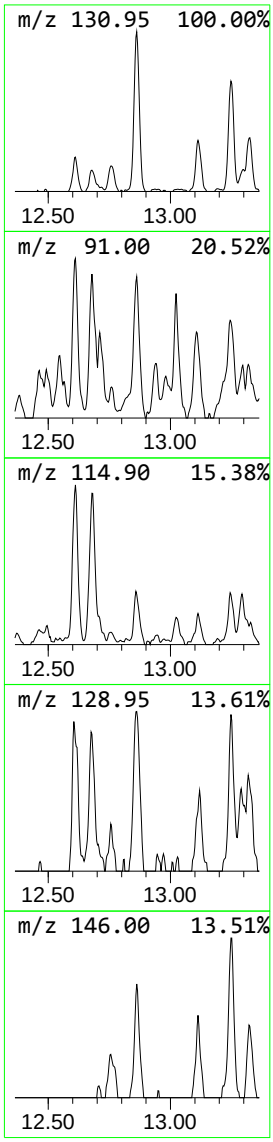
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	0.52 ug/L	77637	1,4-Dichlorobenzene-d4	11.810

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	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

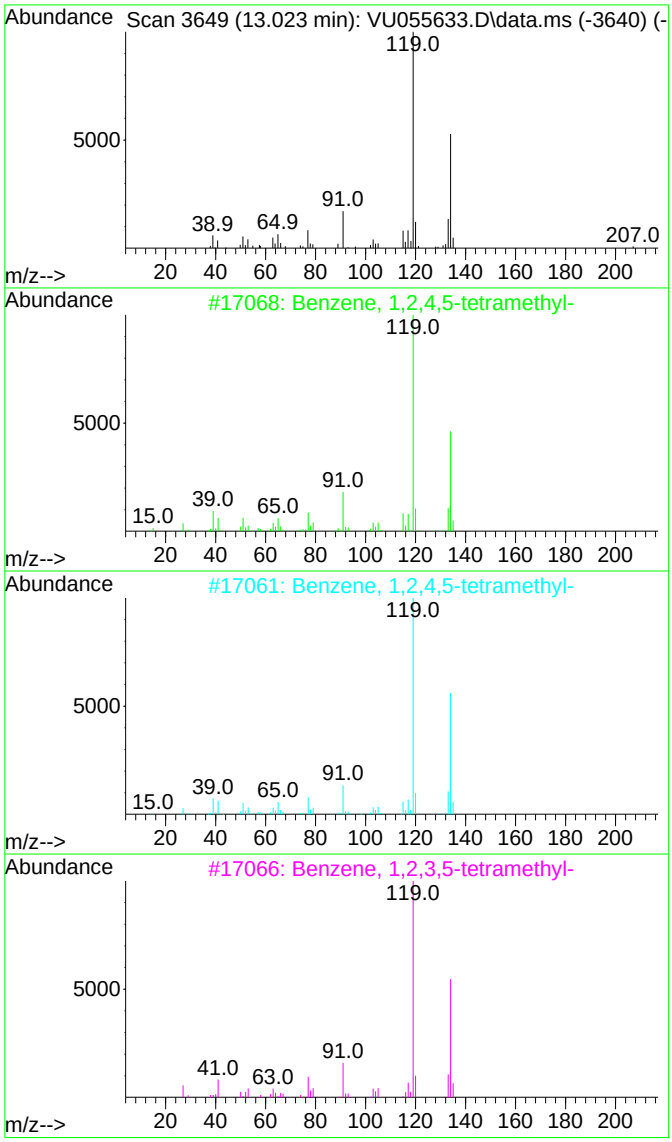
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

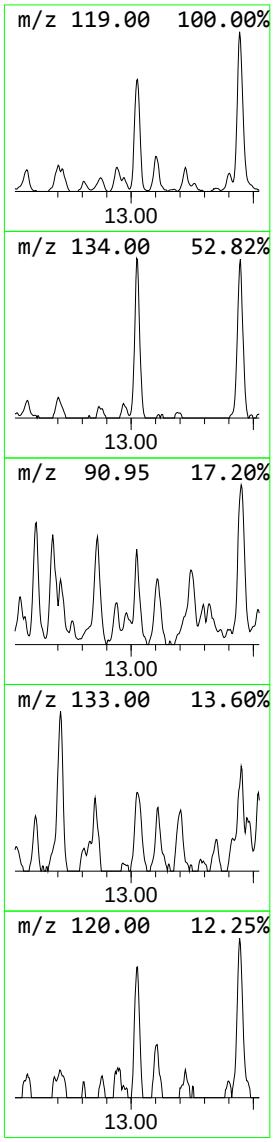
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	0.53 ug/L	78733	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

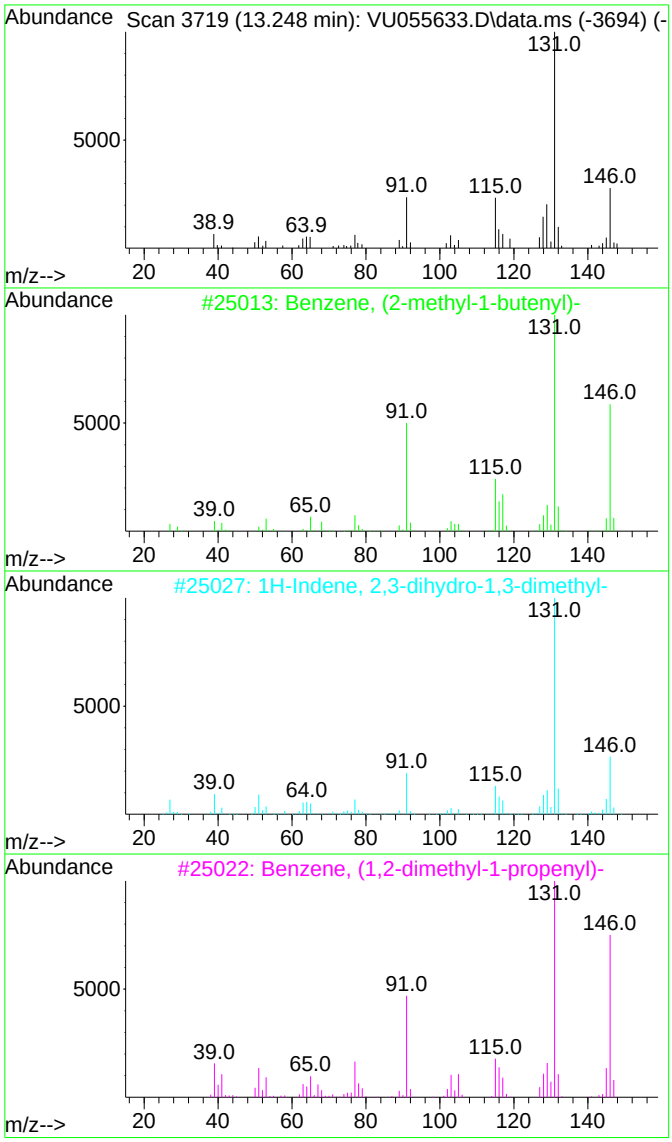
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

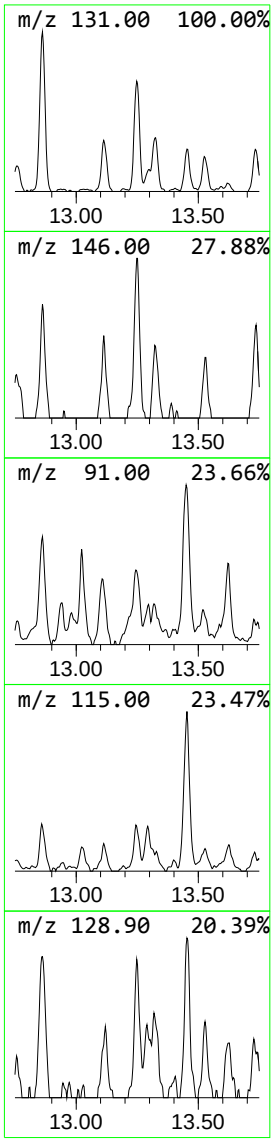
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	0.56 ug/L	83788	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

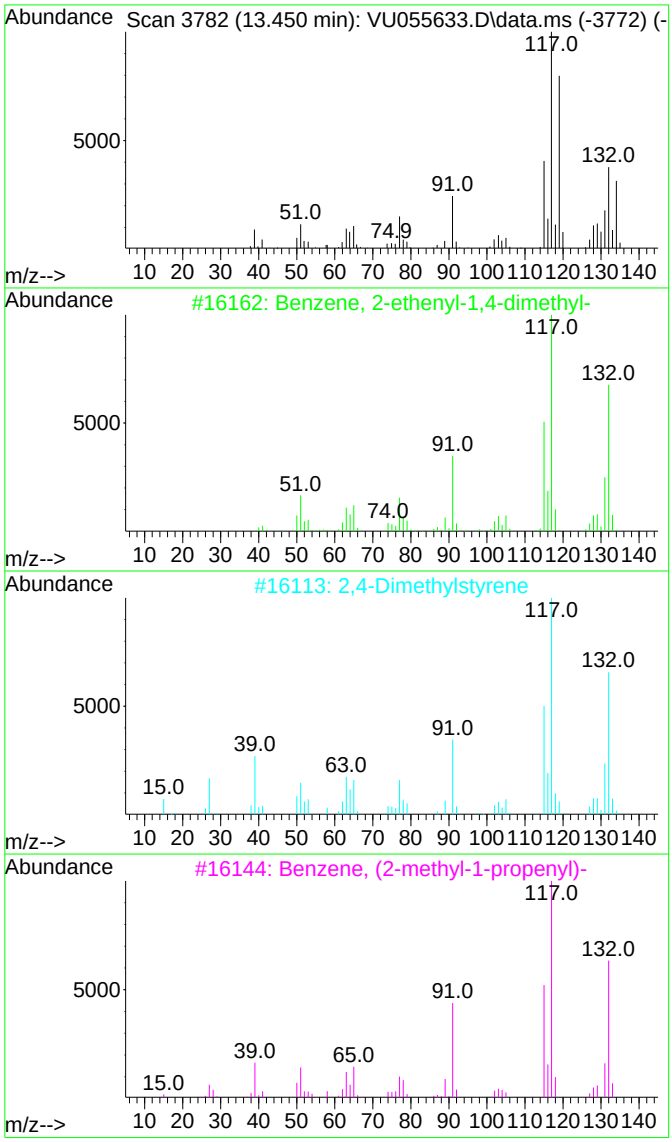
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

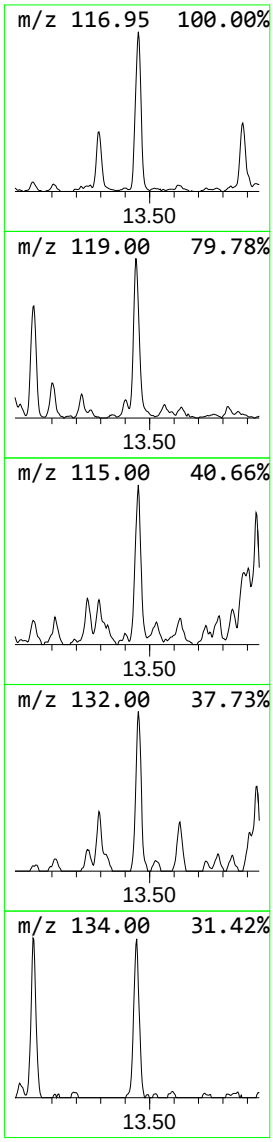
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	1.34 ug/L	200470	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

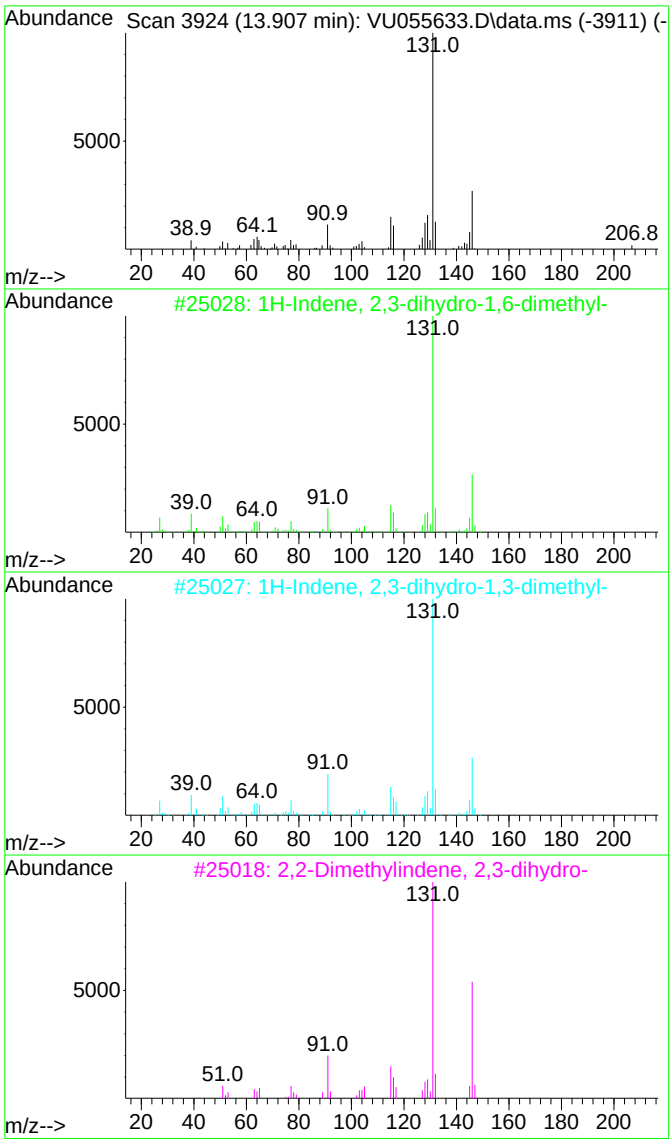
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

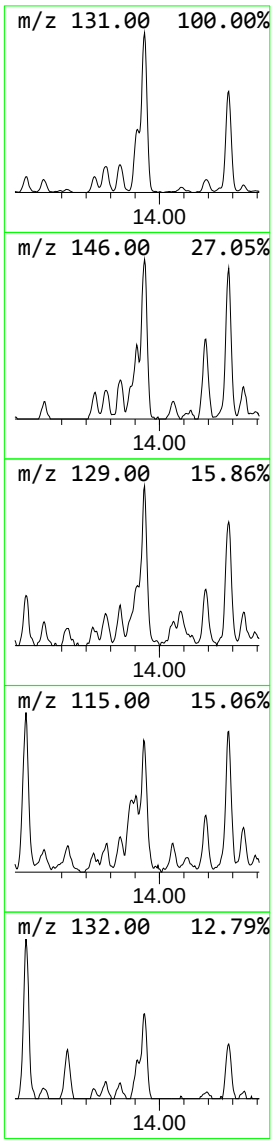
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.907	0.84 ug/L	125397	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

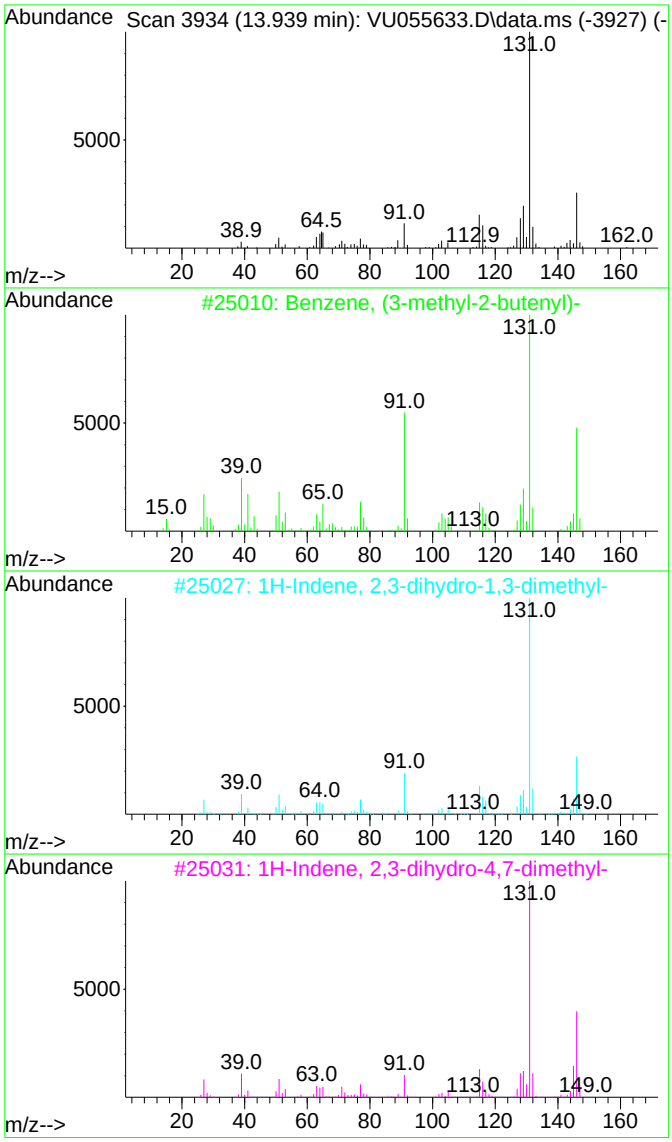
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

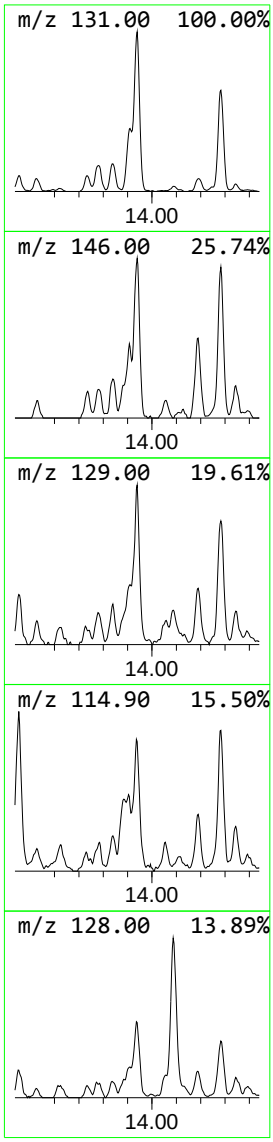
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	1.41 ug/L	211382	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

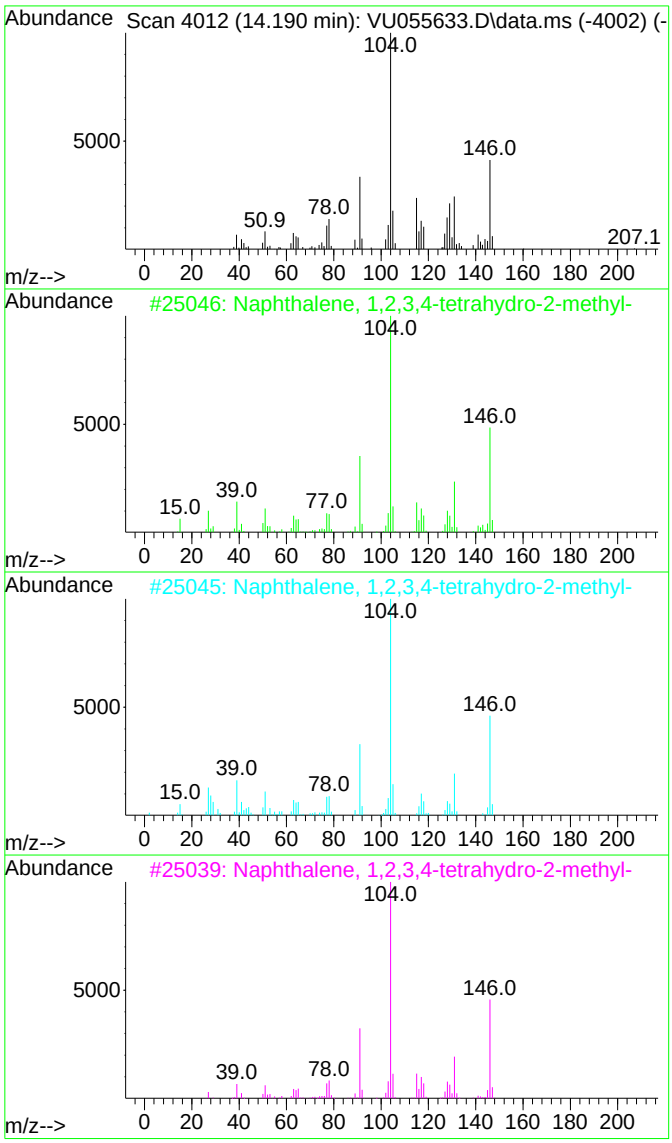
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

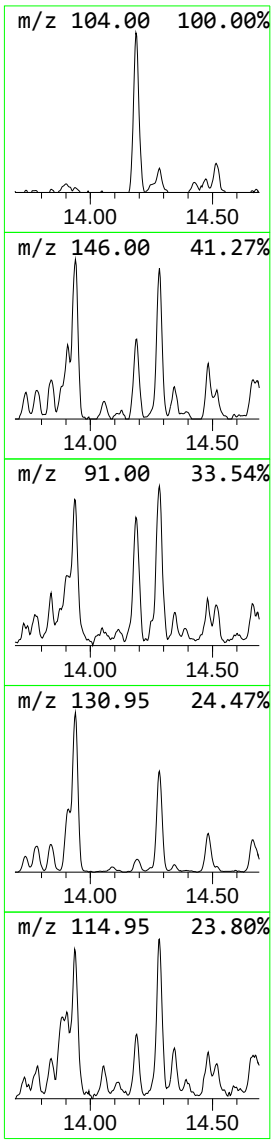
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	0.64 ug/L	96275	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

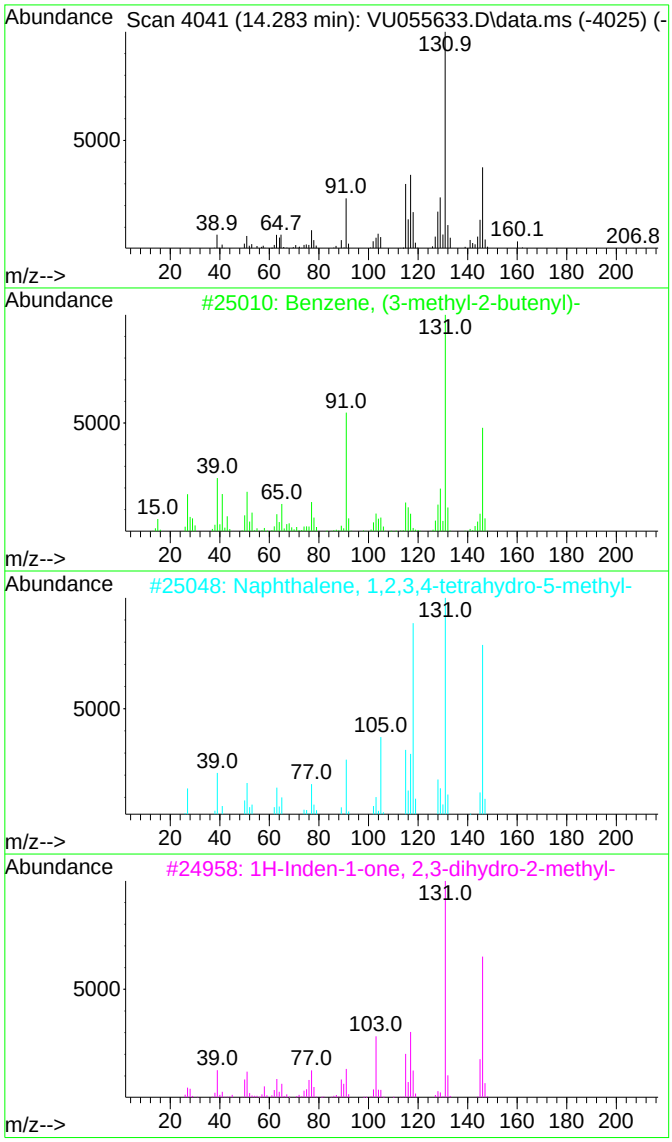
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

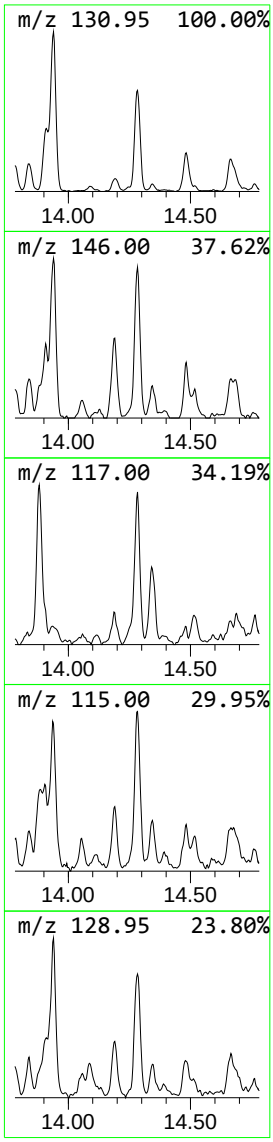
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.283	1.37 ug/L	204814	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

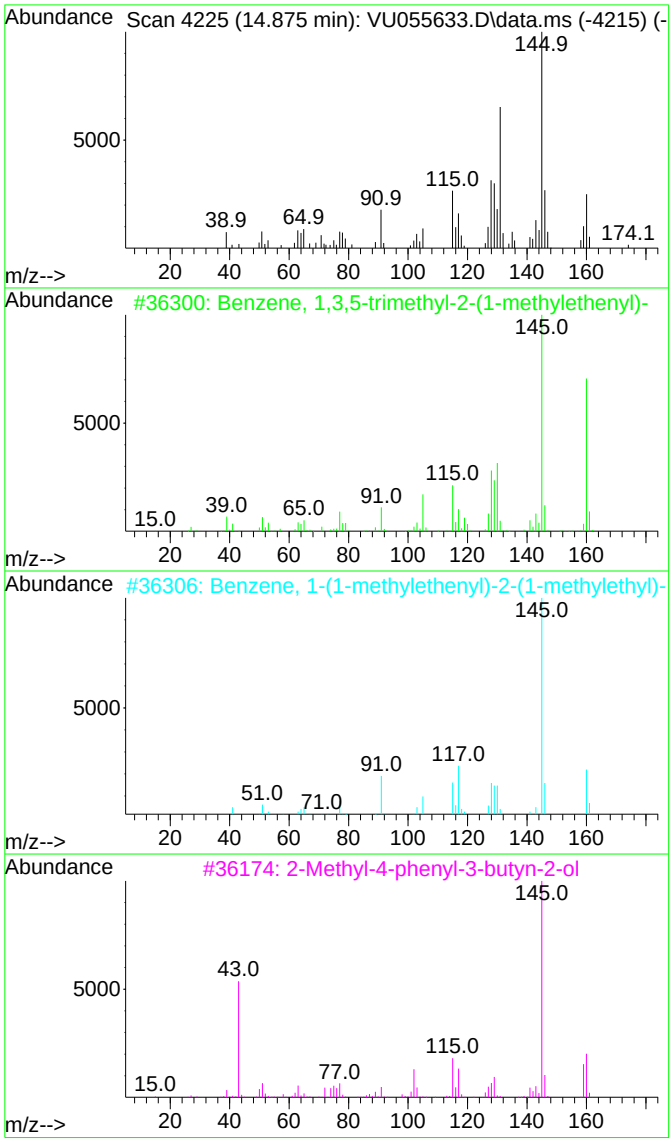
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

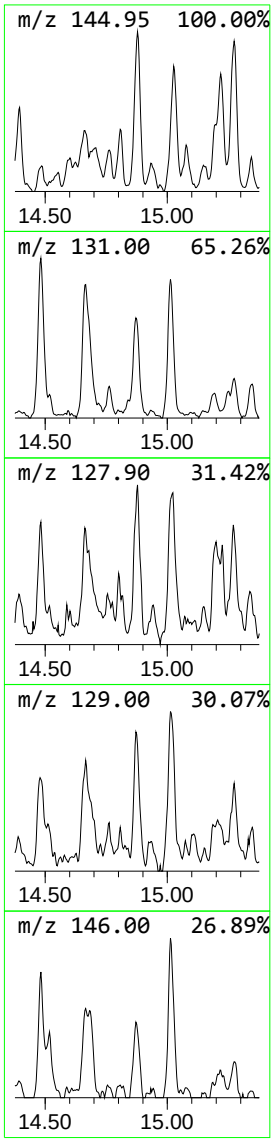
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	0.54 ug/L	80961	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	62
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	52
3	2-Methyl-4-phenyl-3-butyn-2-ol	160	C11H12O	001719-19-3	46
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

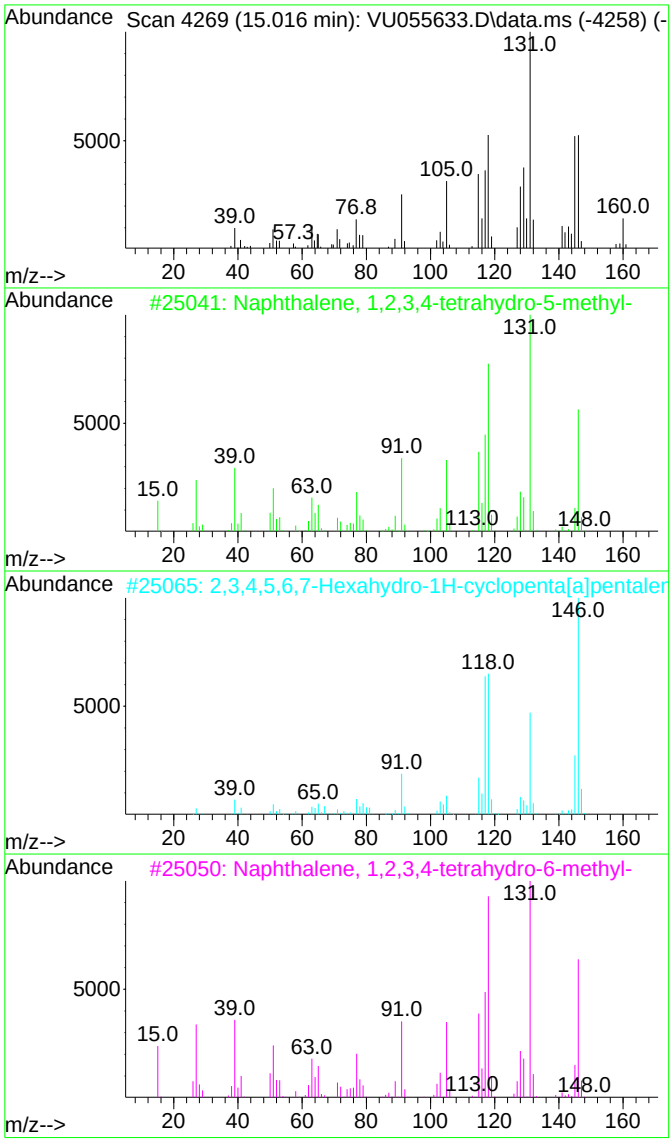
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

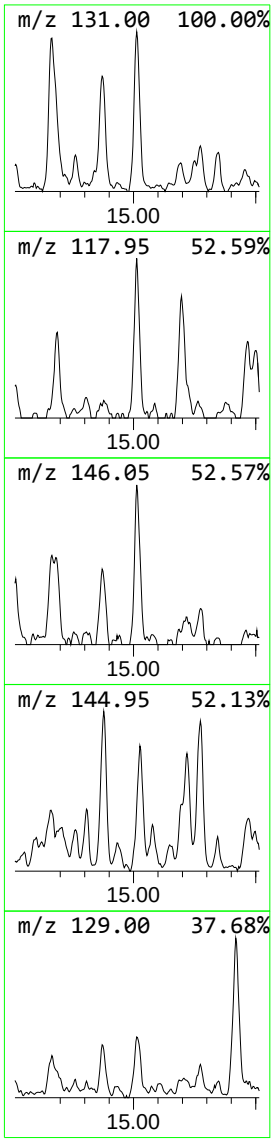
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	0.77 ug/L	114515	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
4	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

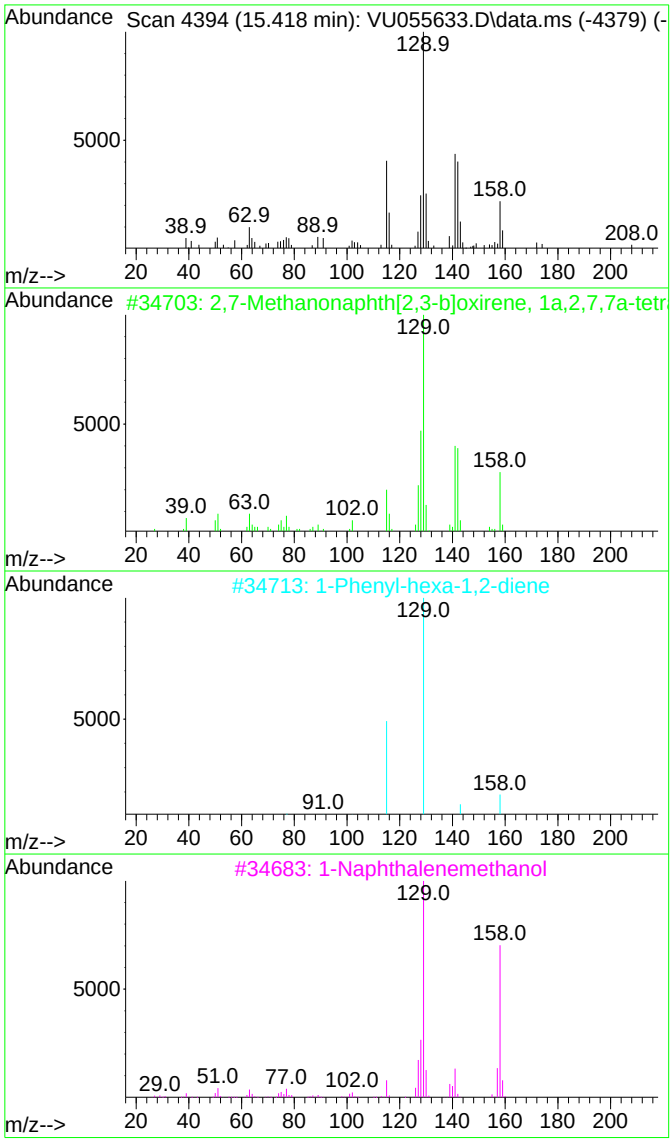
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

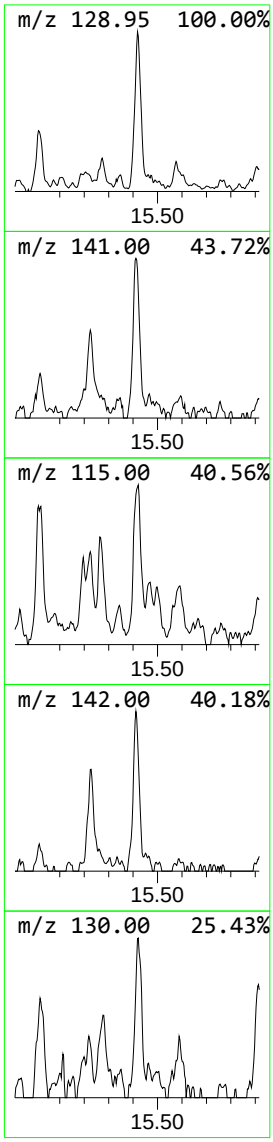
****

Peak Number 19 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.418	0.52 ug/L	77521	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	36
2	1-Phenyl-hexa-1,2-diene	158	C12H14	1000146-04-1	32
3	1-Naphthalenemethanol	158	C11H10O	004780-79-4	32
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	32
5	Cyclobutanecarbonitrile, 1-phenyl-	157	C11H11N	014377-68-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055633.D
Acq On : 03 Oct 2023 12:03
Operator : MD/SY
Sample : 04679-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(2030927)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.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: S...	1.489	1.1	ug/L	83796	1	6.248	392224	5.0
Ethane, 1,2-dic...	2.370	9.0	ug/L	703772	1	6.248	392224	5.0
unknown-01	9.669	0.6	ug/L	61111	2	9.415	490696	5.0
Benzene, (1-met...	11.643	0.5	ug/L	78294	3	11.810	747129	5.0
Indane	12.093	2.4	ug/L	358786	3	11.810	747129	5.0
Benzene, (1-met...	12.611	0.7	ug/L	109812	3	11.810	747129	5.0
Benzene, 1-ethe...	12.679	0.7	ug/L	109552	3	11.810	747129	5.0
1H-Indene, 2,3-...	12.862	0.5	ug/L	77637	3	11.810	747129	5.0
Benzene, 1,2,4,...	13.023	0.5	ug/L	78733	3	11.810	747129	5.0
Benzene, (2-met...	13.248	0.6	ug/L	83788	3	11.810	747129	5.0
Benzene, 2-ethe...	13.450	1.3	ug/L	200470	3	11.810	747129	5.0
1H-Indene, 2,3-...	13.907	0.8	ug/L	125397	3	11.810	747129	5.0
Benzene, (3-met...	13.939	1.4	ug/L	211382	3	11.810	747129	5.0
Naphthalene, 1,...	14.190	0.6	ug/L	96275	3	11.810	747129	5.0
Naphthalene, 1,...	14.283	1.4	ug/L	204814	3	11.810	747129	5.0
Benzene, 1,3,5-...	14.875	0.5	ug/L	80961	3	11.810	747129	5.0
Naphthalene, 1,...	15.016	0.8	ug/L	114515	3	11.810	747129	5.0
unknown-02	15.418	0.5	ug/L	77521	3	11.810	747129	5.0