LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

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\SFAMUTR121123WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056860.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.354	14	20	39	rVB3	62525	77614	4.67%	0.286%
2	1.589	81	93	106	rVB2	105342	146356	8.81%	0.539%
3	1.904	183	191	205	rBV	69936	97506	5.87%	0.359%
4	2.554	383	393	413	rVB	124192	201476	12.13%	0.742%
5	2.776	451	462	479	rVB	70230	119874	7.22%	0.441%
6	4.653	1031	1046	1055	rBV2	39328	86030	5.18%	0.317%
7	4.737	1056	1072	1118	rVB2	53399	290649	17.50%	1.070%
8	5.052	1156	1170	1189	rVB	159861	349578	21.04%	1.287%
9	5.367	1252	1268	1282	rBV3	15088	33285	2.00%	0.123%
10	5.711	1355	1375	1382	rBV3	307476	698995	42.08%	2.573%
11	5.759	1382	1390	1420	rVB	551711	1158008	69.71%	4.263%
12	6.242	1527	1540	1571	rBV	272438	536096	32.27%	1.973%
13	6.496	1602	1619	1624	rBV2	52694	108058	6.51%	0.398%
14	6.534	1624	1631	1653	rVB2	82125	169974	10.23%	0.626%
15	6.685	1665	1678	1690	rBV	182059	357208	21.50%	1.315%
16	6.795	1704	1712	1725	rVB4	26067	51724	3.11%	0.190%
17	7.563	1937	1951	1965	rBV	85233	155773	9.38%	0.573%
18	7.846	2031	2039	2043	rVV5	22743	40666	2.45%	0.150%
19	7.891	2043	2053	2064	rVV	302166	553329	33.31%	2.037%
20	7.962	2064	2075	2107	rVV	868406	1595135	96.03%	5.872%
21	8.177	2128	2142	2151	rVV	53355	93978	5.66%	0.346%
22	8.232	2151	2159	2175	rVB3	30922	62362	3.75%	0.230%
23	8.357	2184	2198	2209	rBV7	17496	34314	2.07%	0.126%
24	8.644	2276	2287	2314	rBV	342952	727225	43.78%	2.677%
25	8.798	2326	2335	2345	rVB8	17381	32842	1.98%	0.121%
26	8.917	2362	2372	2382	rBV2	62387	115181	6.93%	0.424%
27	9.158	2437	2447	2461	rBV2	42929	79413	4.78%	0.292%
28	9.412	2513	2526	2533	rBV	398369	752900	45.32%	2.771%
29	9.502	2549	2554	2562	rVB2	23285	31651	1.91%	0.117%
30	9.563	2562	2573	2585	rVV3	96604	183381	11.04%	0.675%
31	9.698	2596	2615	2627	rVV7	157265	490392	29.52%	1.805%
32	9.753	2627	2632	2659	rVB2	59213	127958	7.70%	0.471%
33	9.881	2659	2672	2684	rBV2	56556	108920	6.56%	0.401%
34	10.029	2700	2718	2725	rBV5	145074	378334	22.78%	1.393%
35	10.235	2768	2782	2785	rBV4	87819	162505	9.78%	0.598%
36	10.267	2785	2792	2801	rVB	204902	328589	19.78%	1.210%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

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\SFAMUTR121123WMA.M
Title : TRACE VOA SFAM1.0

37	10.357	2809	2820	2839	rVB8	154997	420912	25.34%	1.549%
38	10.531	2864	2874	2890	rBV8	81531	209464	12.61%	0.771%
39	10.692	2914	2924	2932	rBV3	167679	288207	17.35%	1.061%
40	10.753	2934	2943	2950	rVV2	166970	294350	17.72%	1.084%
41	10.804	2951	2959	2978	rVB4	322043	609632	36.70%	2.244%
42	10.901	2980	2989	2995	rBV2	52317	89773	5.40%	0.330%
43	10.943	2996	3002	3010	rBV5	58476	95457	5.75%	0.351%
44	11.013	3013	3024	3032	rBV10	127183	269342	16.21%	0.991%
45	11.058	3033	3038	3042	rBV4	51001	67556	4.07%	0.249%
46	11.177	3067	3075	3086	rVB4	95735	174297	10.49%	0.642%
47	11.299	3098	3113	3128	rVV6	211715	518185	31.19%	1.907%
48	11.377	3130	3137	3140	rVV9	28598	44850	2.70%	0.165%
49	11.412	3141	3148	3155	rVV	108749	186215	11.21%	0.685%
50	11.460	3155	3163	3187	rVB	365585	742485	44.70%	2.733%
51	11.602	3198	3207	3214	rBV	252608	431487	25.98%	1.588%
52	11.708	3233	3240	3246	rBV3	66871	101989	6.14%	0.375%
53	11.807	3260	3271	3285	rBV	467576	854584	51.45%	3.146%
54	11.888	3290	3296	3304	rVB	111054	165521	9.96%	0.609%
55	12.087	3347	3358	3376	rBV	777409	1279569	77.03%	4.710%
56	12.184	3377	3388	3410	rVB4	747956	1661132	100.00%	6.115%
57	12.296	3413	3423	3438	rBV2	266484	441620	26.59%	1.626%
58	12.373	3441	3447	3460	rVB5	56564	113972	6.86%	0.420%
59	12.460	3461	3474	3477	rBV6	32455	67220	4.05%	0.247%
60	12.563	3501	3506	3511	rVB2	75049	88305	5.32%	0.325%
61	12.605	3511	3519	3533	rVB	426731	723669	43.56%	2.664%
62	12.676	3534	3541	3544	rBV	80202	103455	6.23%	0.381%
63	12.708	3545	3551	3559	rVB3	159280	236650	14.25%	0.871%
64	12.753	3560	3565	3578	rVB2	95220	154240	9.29%	0.568%
65	12.856	3579	3597	3611	rVB3	319860	693399	41.74%	2.552%
66	12.936	3612	3622	3624	rBV2	208759	266760	16.06%	0.982%
67	12.965	3624	3631	3642	rVB	704633	1094689	65.90%	4.030%
68	13.026	3642	3650	3665	rVB6	78719	199881	12.03%	0.736%
69	13.106	3665	3675	3688	rVB3	121349	210491	12.67%	0.775%
70	13.193	3692	3702	3707	rBV	104785	176902	10.65%	0.651%
71	13.248	3712	3719	3728	rVB3	246666	389788	23.47%	1.435%
72	13.319	3734	3741	3755	rVB	71028	112297	6.76%	0.413%
73	13.402	3756	3767	3772	rBV4	30541	65281	3.93%	0.240%
74	13.447	3772	3781	3794	rVB3	189422	326492	19.65%	1.202%
75	13.521	3796	3804	3809	rBV2	43030	65969	3.97%	0.243%
76	13.553	3809	3814	3820	rVB	47905	55038	3.31%	0.203%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

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\SFAMUTR121123WMA.M
Title : TRACE VOA SFAM1.0

77	13.740	3862	3872	3877	rBV5	30981	55485	3.34%	0.204%
78	13.830	3890	3900	3908	rBV4	205322	345499	20.80%	1.272%
79	13.901	3909	3922	3926	rVV4	149213	339871	20.46%	1.251%
80	13.933	3927	3932	3945	rVB	221040	342666	20.63%	1.261%
81	14.052	3957	3969	3984	rBV3	101930	208105	12.53%	0.766%
82	14.184	4000	4010	4022	rVB3	38041	67879	4.09%	0.250%
83	14.251	4022	4031	4032	rBV6	23235	26355	1.59%	0.097%
84	14.277	4033	4039	4051	rVV3	38355	69929	4.21%	0.257%
85	14.344	4053	4060	4069	rVV5	23102	37292	2.24%	0.137%
86	14.470	4089	4099	4105	rBV5	28377	48759	2.94%	0.179%
87	14.512	4107	4112	4123	rVB5	26220	37476	2.26%	0.138%
88	14.598	4123	4139	4148	rBV7	15203	37993	2.29%	0.140%
89	14.659	4148	4158	4169	rBV3	46625	83499	5.03%	0.307%
90	14.801	4195	4202	4212	rVB2	55203	88930	5.35%	0.327%
91	14.872	4213	4224	4234	rVV4	36342	67414	4.06%	0.248%
92	14.933	4235	4243	4252	rVB3	33123	54502	3.28%	0.201%
93	15.016	4258	4269	4281	rBV4	51420	110261	6.64%	0.406%
94	15.261	4337	4345	4359	rVB2	85555	142381	8.57%	0.524%
95	15.335	4360	4368	4376	rBV3	30678	43391	2.61%	0.160%
96	15.412	4383	4392	4403	rBV5	50398	104794	6.31%	0.386%
97	15.910	4538	4547	4563	rVB8	25771	59938	3.61%	0.221%
98	16.518	4727	4736	4749	rBV4	13719	29719	1.79%	0.109%
99	16.756	4803	4810	4825	rBV4	12585	27821	1.67%	0.102%
100	16.878	4838	4848	4860	rBV2	69448	107815	6.49%	0.397%

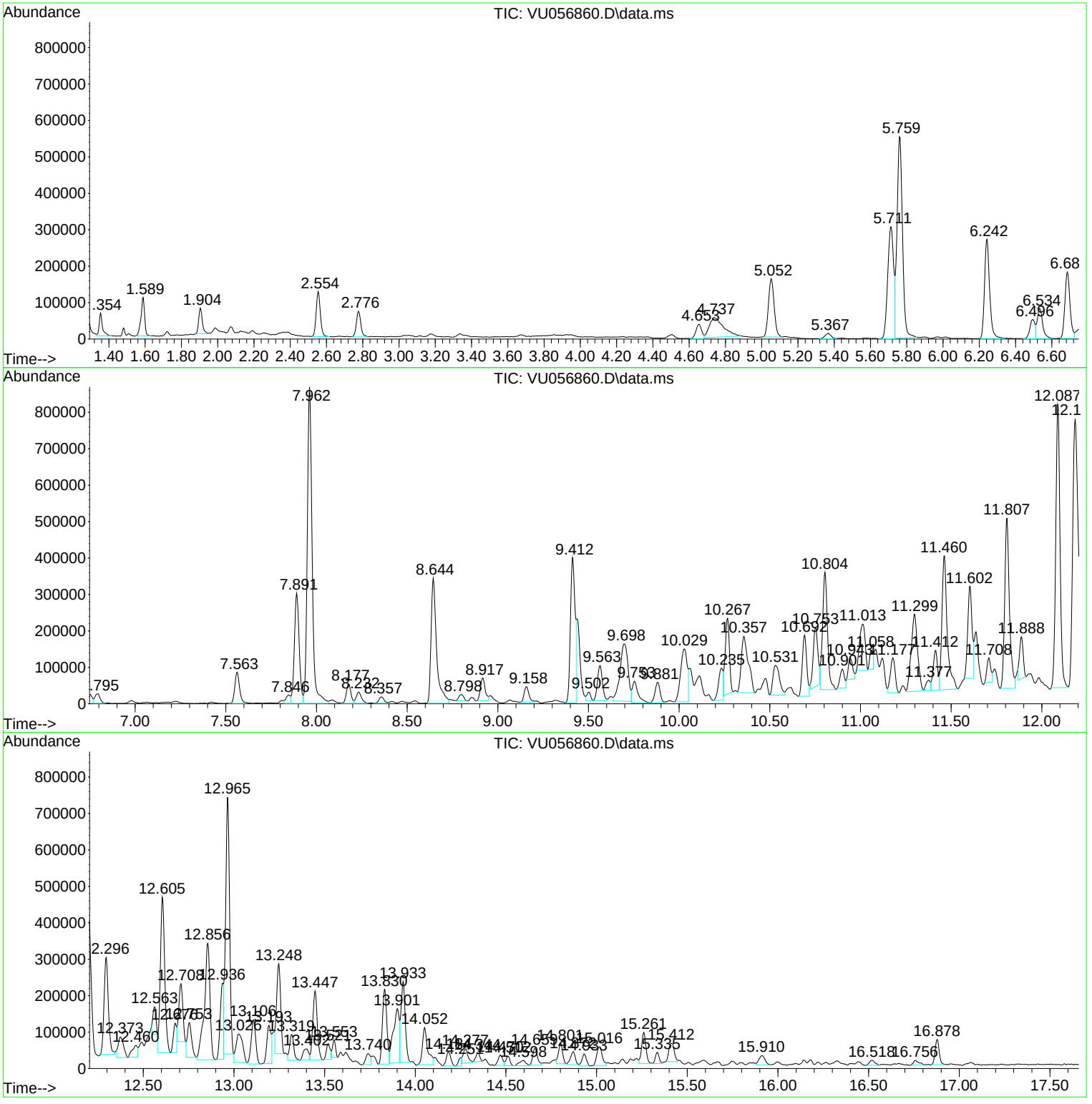
Sum of corrected areas: 27166178

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.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\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

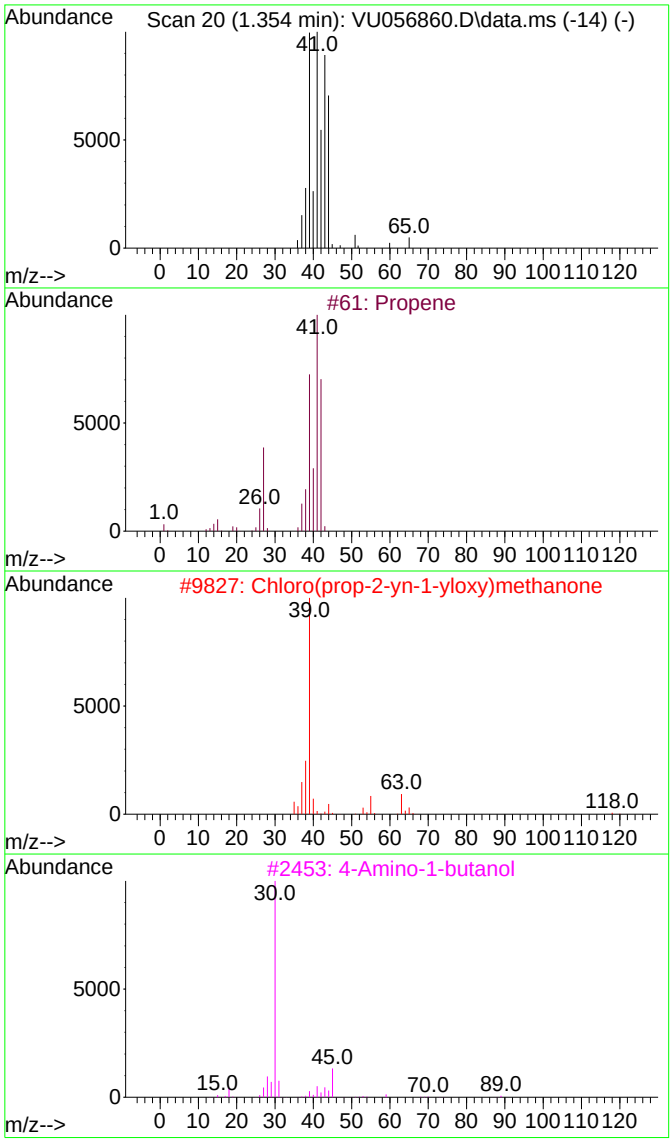
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

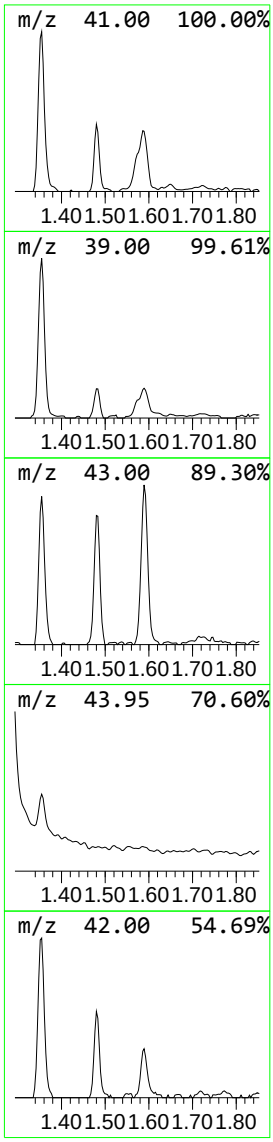
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.354	0.72 ug/L	77614	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	80
2	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	39
3	4-Amino-1-butanol	89	C4H11NO	013325-10-5	4
4	Cyclopropane	42	C3H6	000075-19-4	4
5	Cyclopropane	42	C3H6	000075-19-4	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

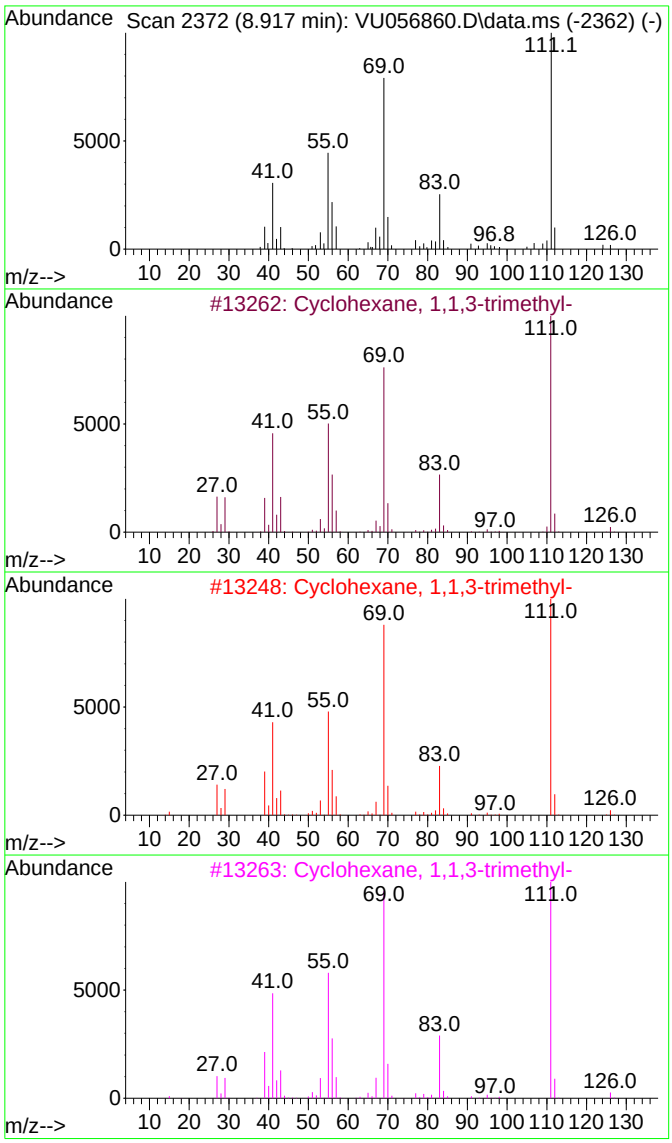
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

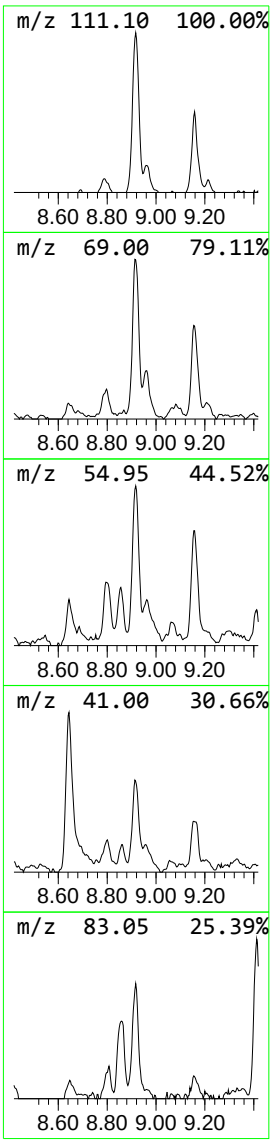
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic8.917 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.917	0.76 ug/L	115181	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	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

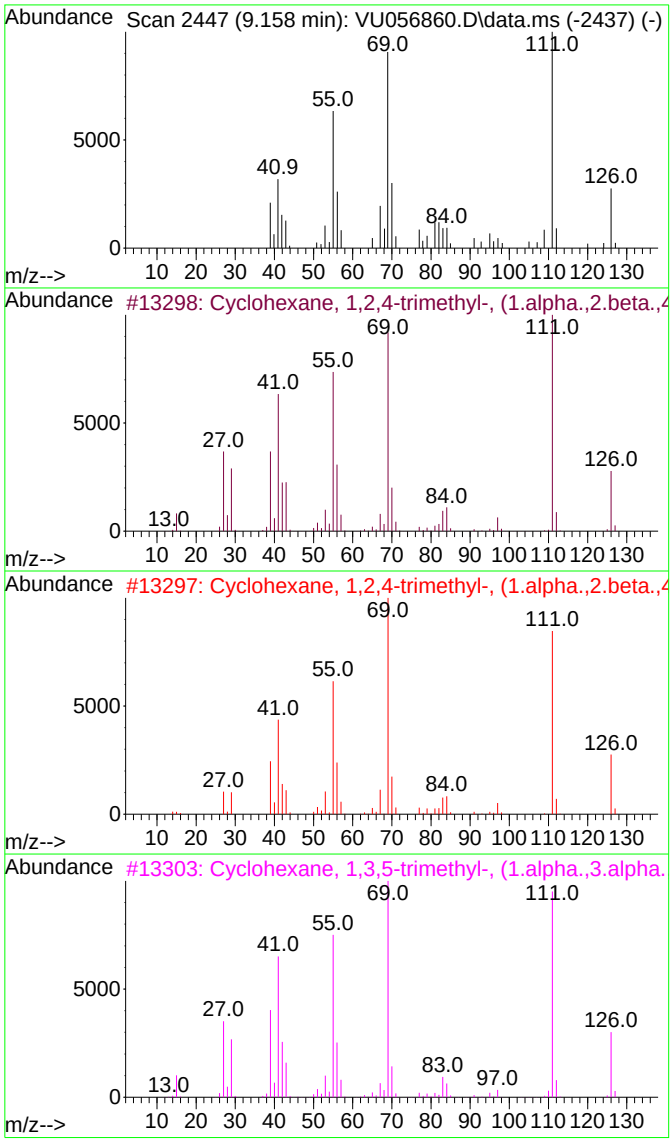
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

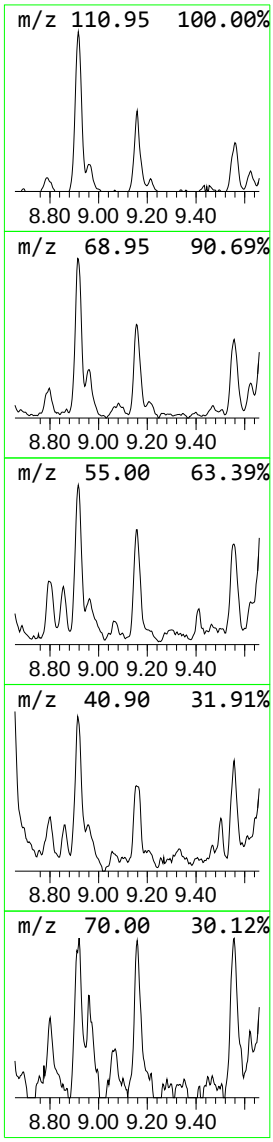
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic9.158 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.158	0.53 ug/L	79413	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

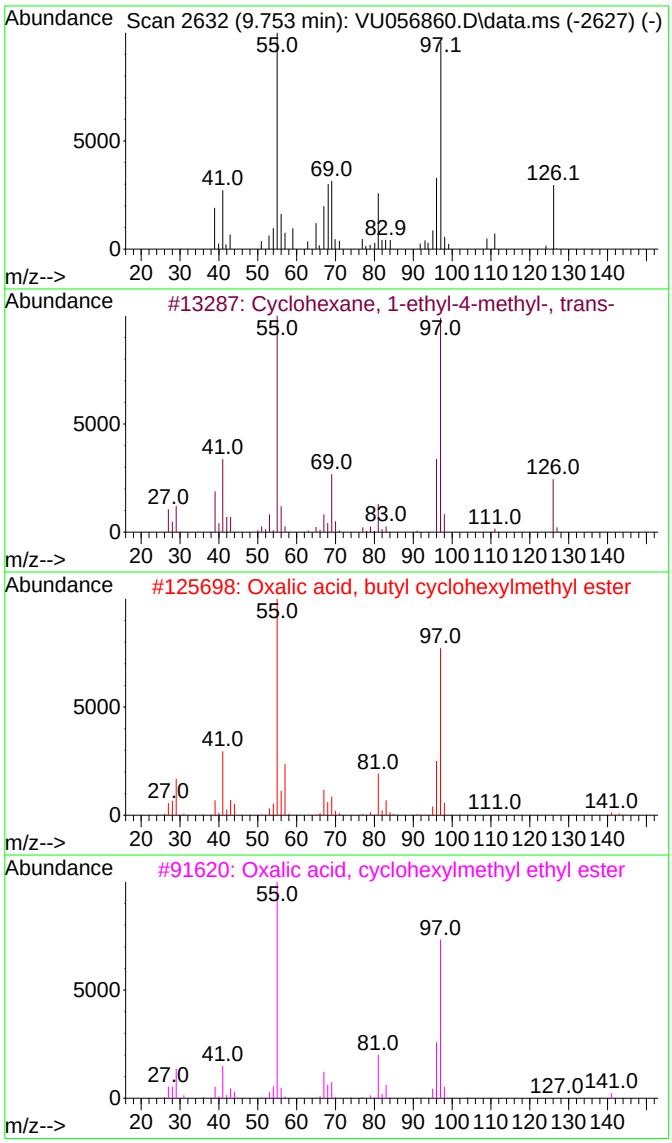
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

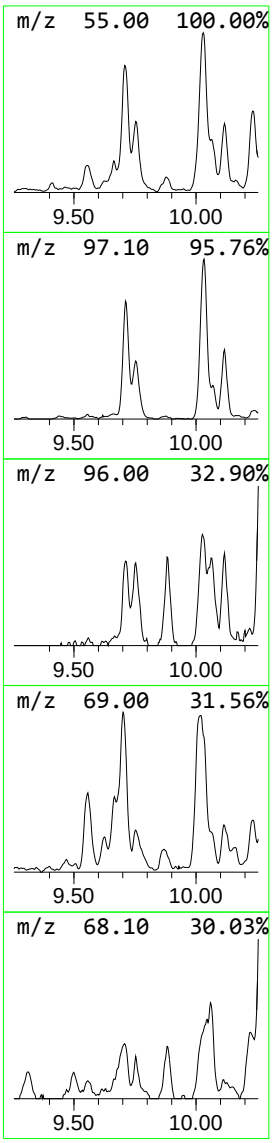
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic9.753 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.753	0.85 ug/L	127958	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
5	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

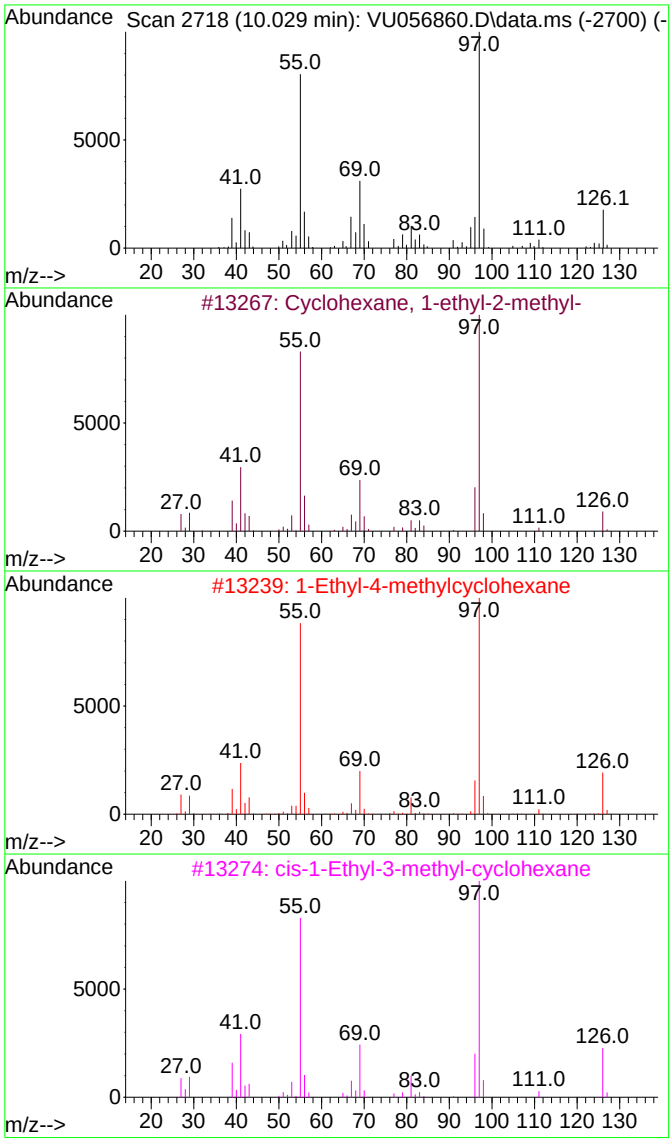
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

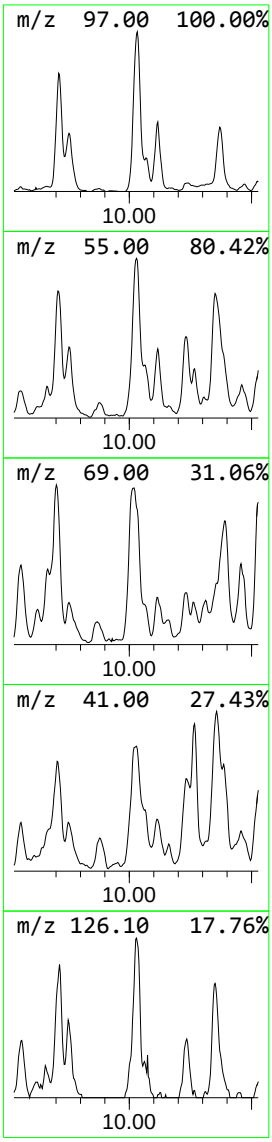
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.029 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.029	2.51 ug/L	378334	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

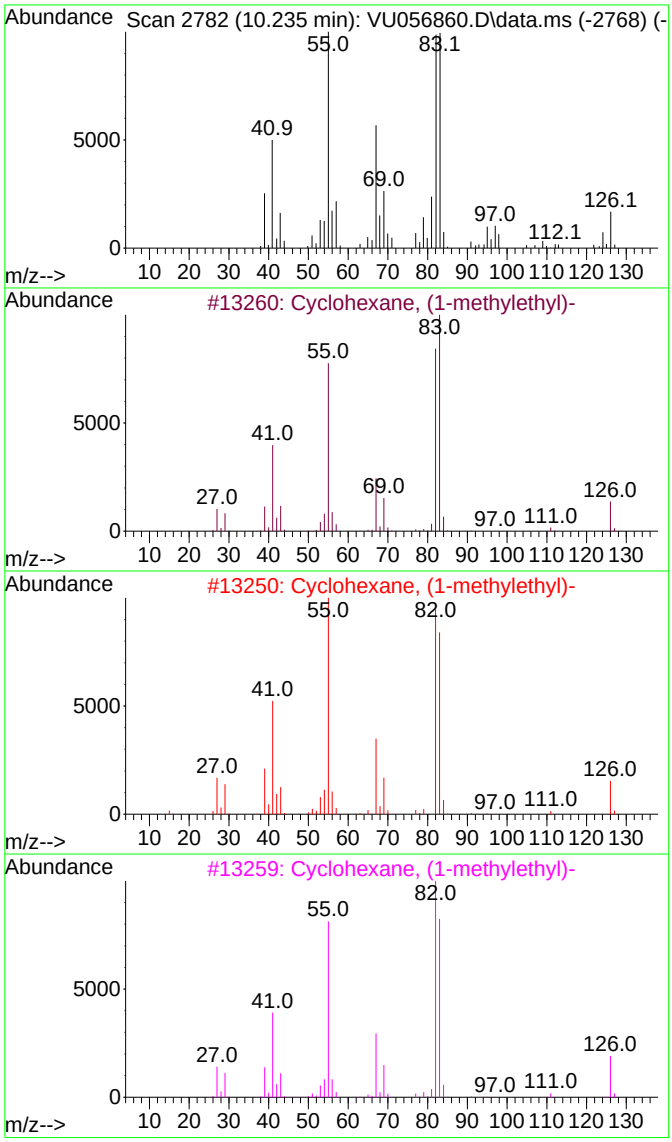
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

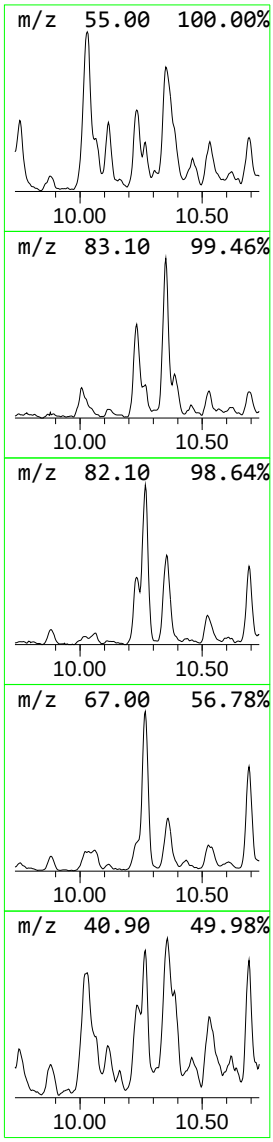
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic10.235 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.235	1.08 ug/L	162505	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	59
5	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

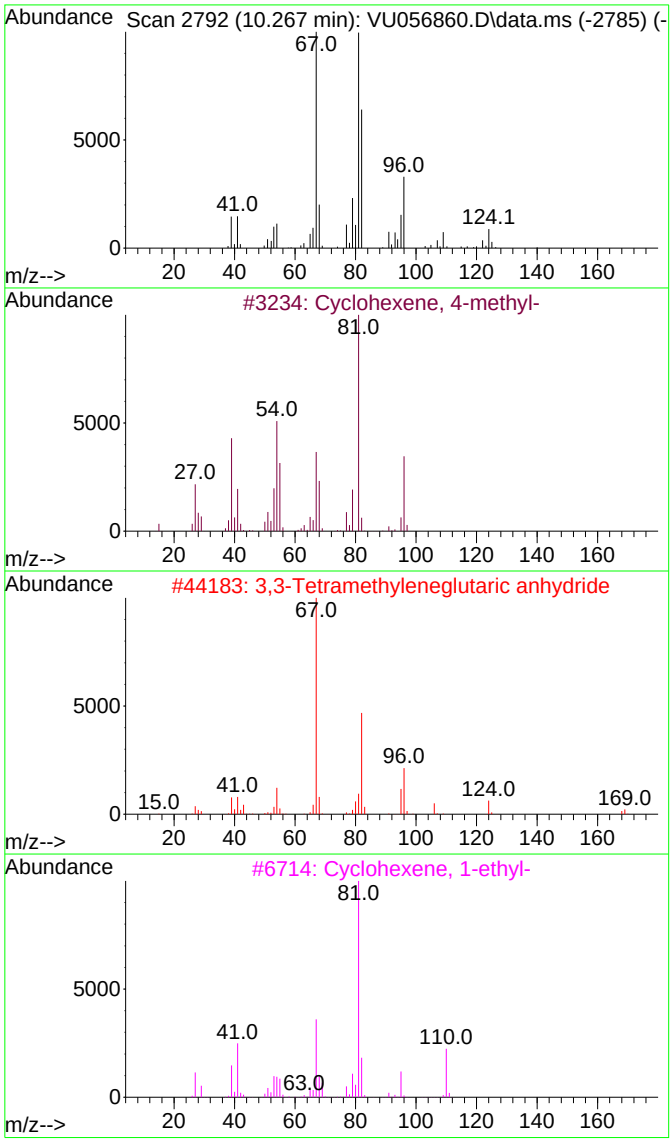
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

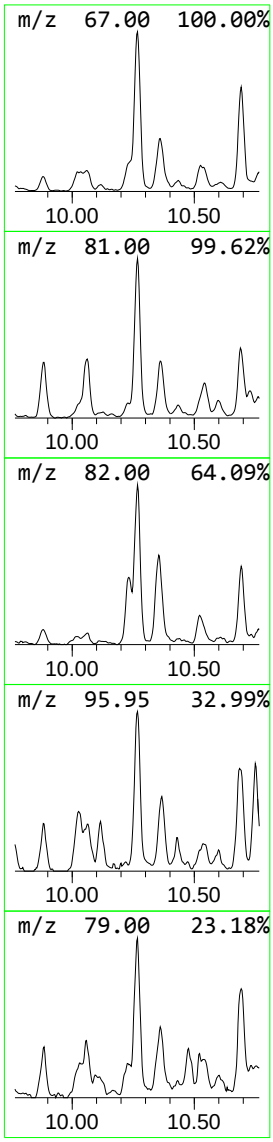
****

Peak Number 9 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.267	2.18 ug/L	328589	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
2	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	47
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43
5	Bicyclo[4.2.0]octan-7-one	124	C8H12O	054211-18-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

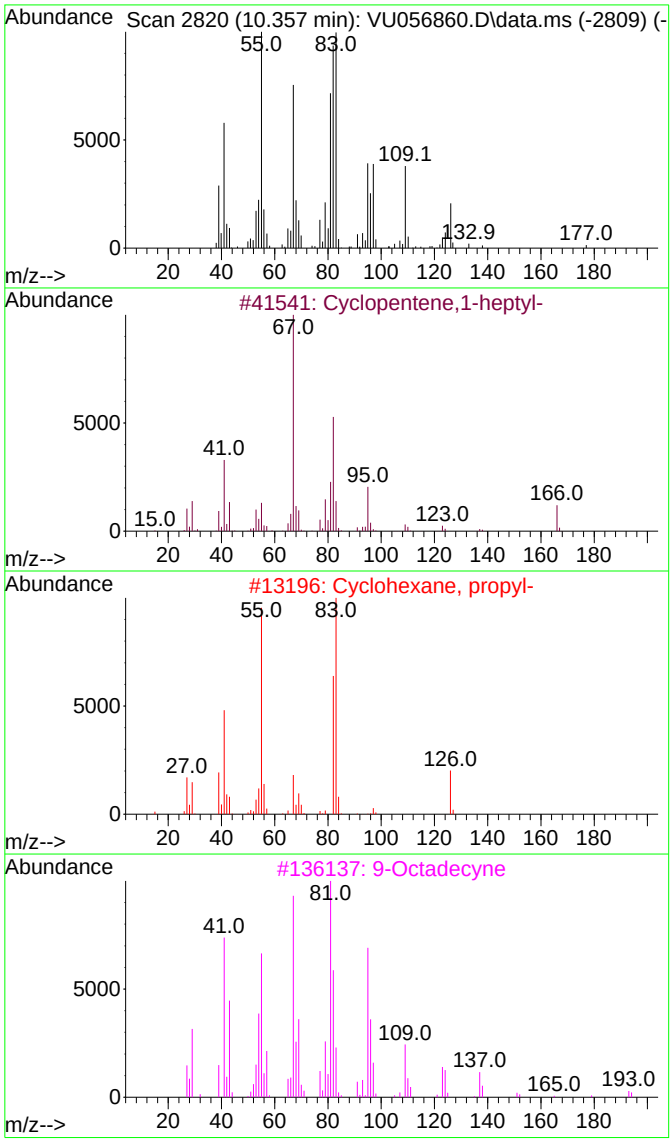
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

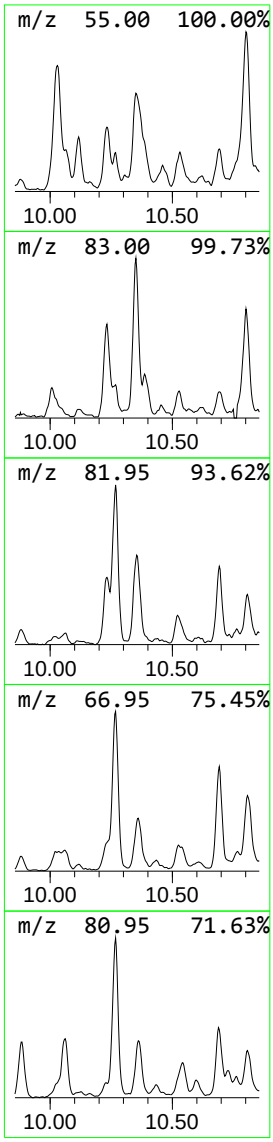
****

Peak Number 10 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	2.80 ug/L	420912	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene,1-heptyl-	166	C12H22	004292-00-6	47
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
3	9-Octadecyne	250	C18H34	035365-59-4	43
4	1-Pentadecyne	208	C15H28	000765-13-9	43
5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

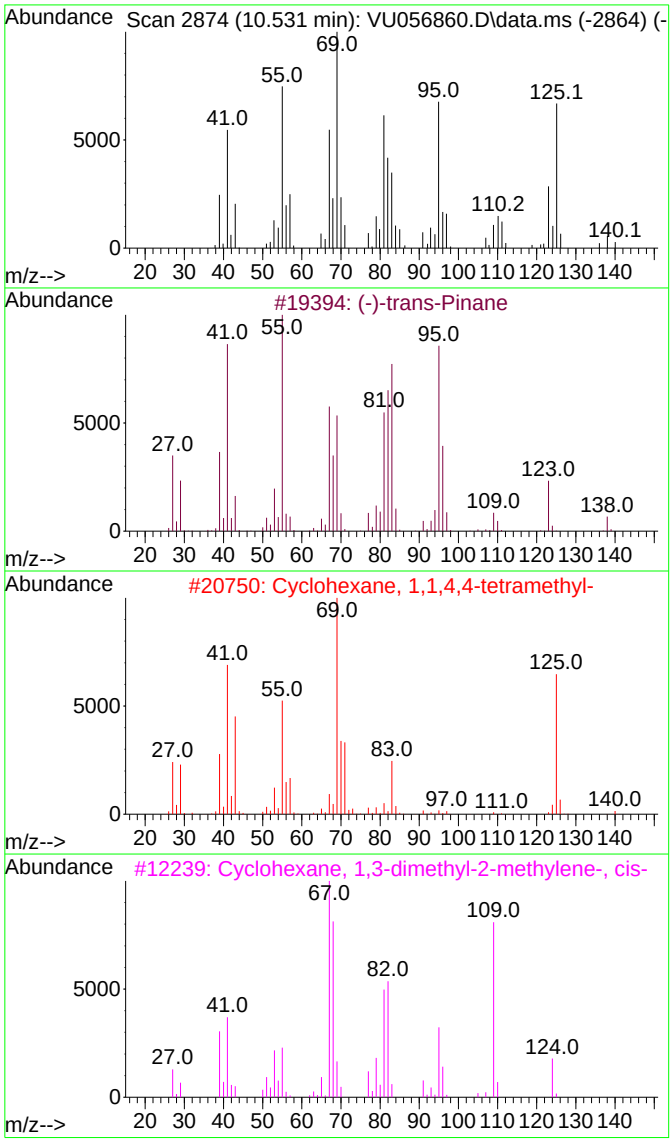
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

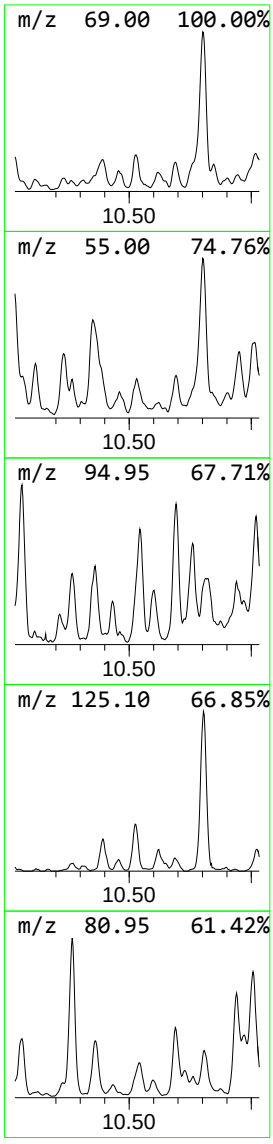
****

Peak Number 11 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.531	1.39 ug/L	209464	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane	138	C10H18	033626-25-4	38
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	30
4	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	30
5	(2E,4E)-3,7-Dimethylocta-2,4-diene	138	C10H18	006874-39-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

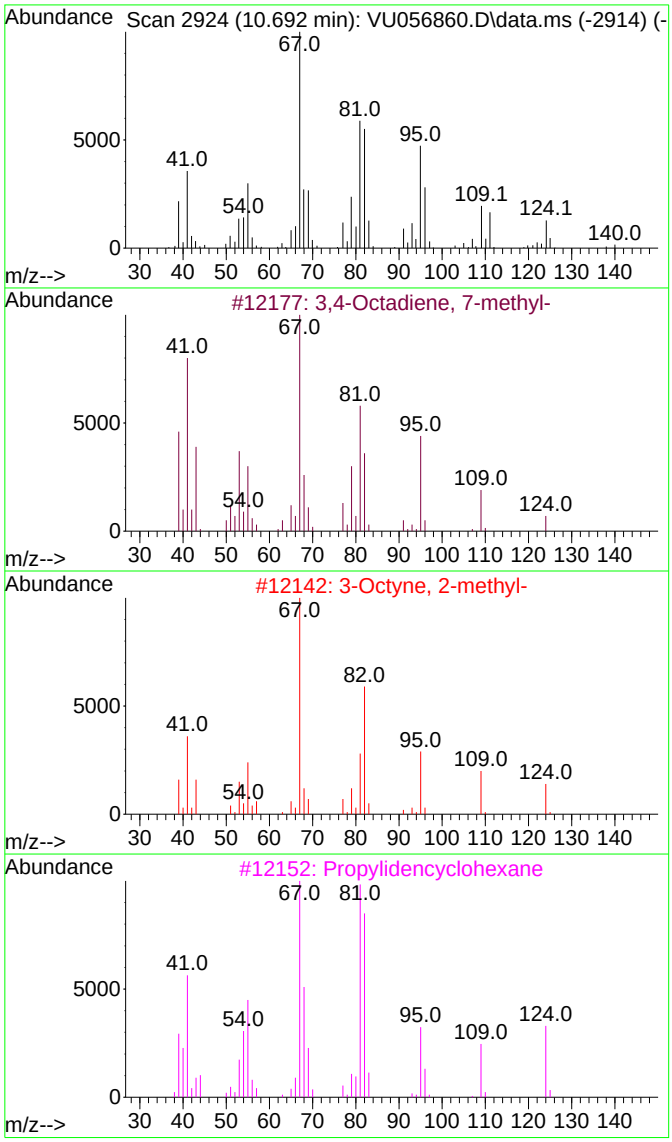
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

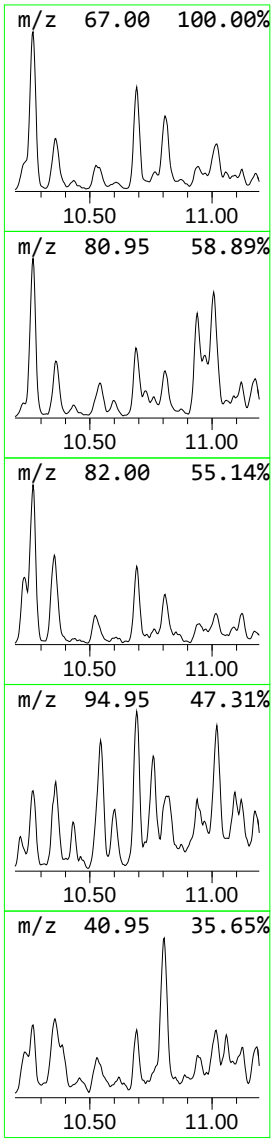
****

Peak Number 12 3,4-Octadiene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	1.69 ug/L	288207	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	68
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	58
3	Propylidencyclohexane	124	C9H16	002129-93-3	46
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	45
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

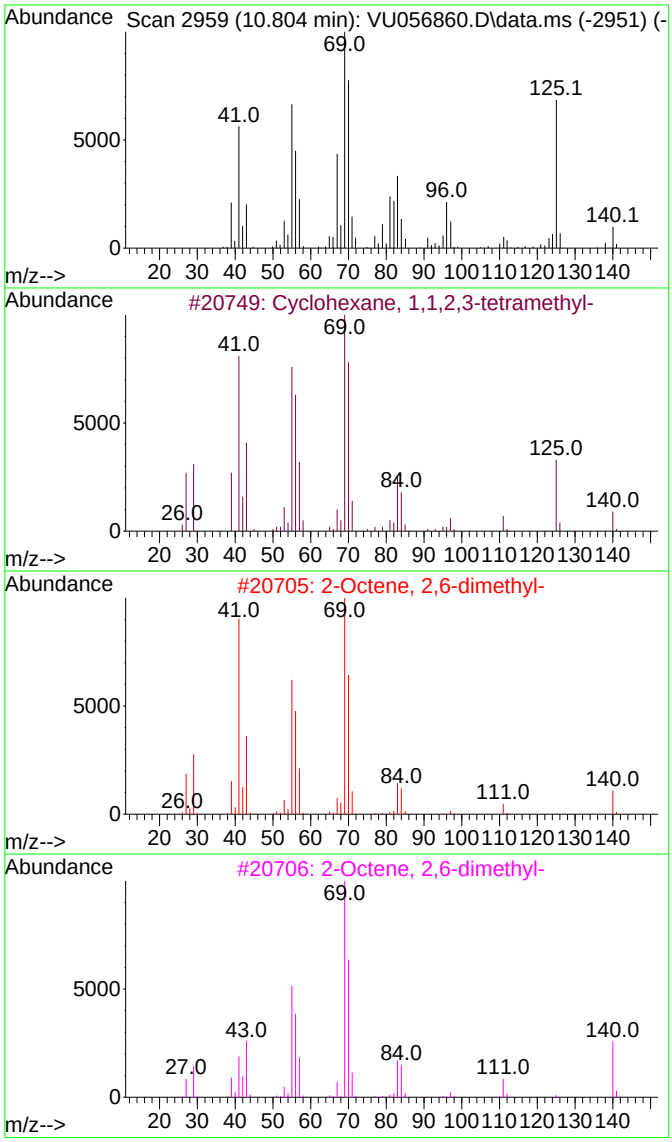
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

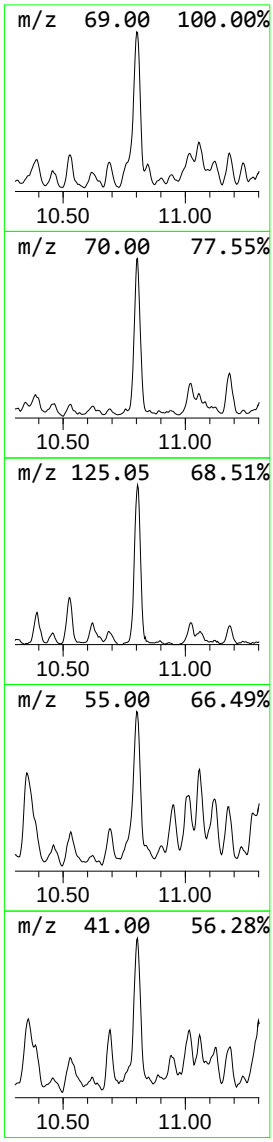
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic10.804 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	3.57 ug/L	609632	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
5	Silane, trimethyl(3-methyl-1-but...	140	C8H16Si	018388-07-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

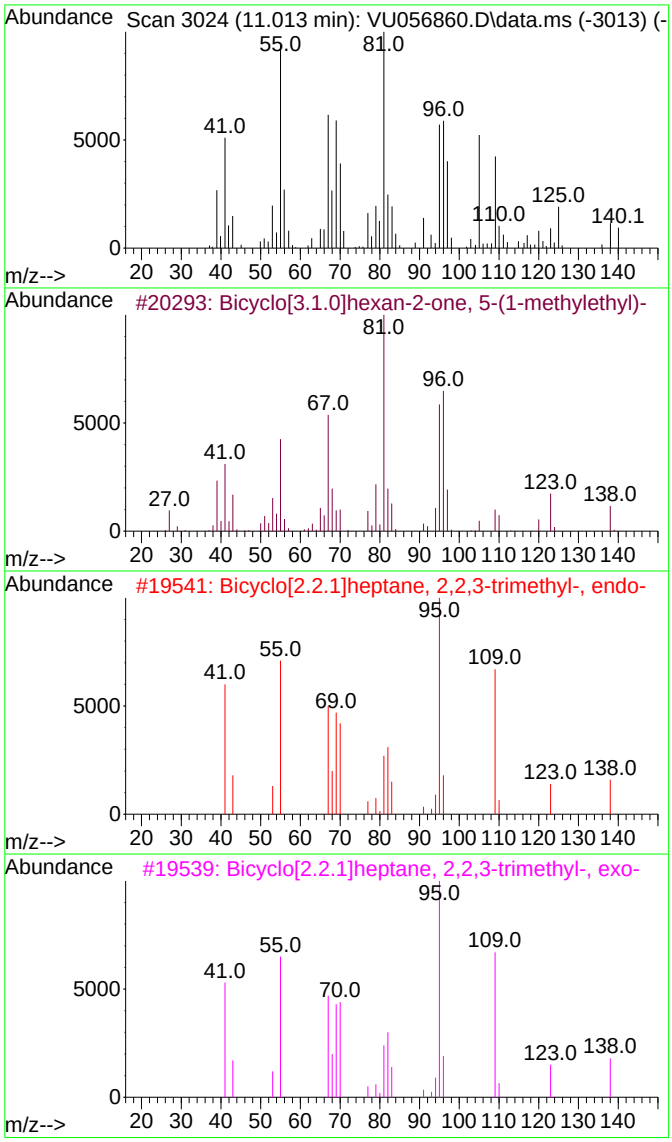
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

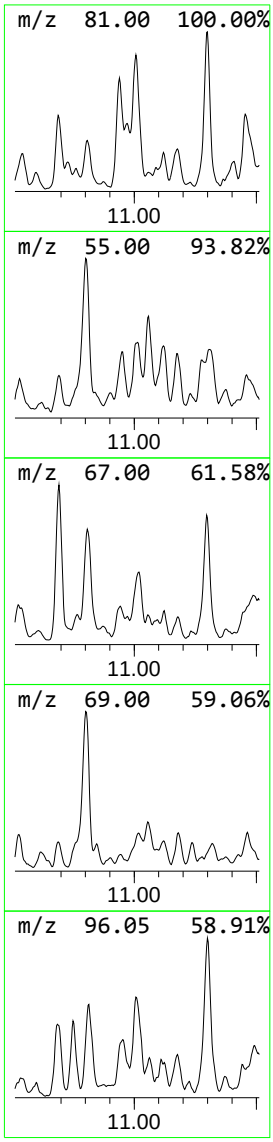
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.013	1.58 ug/L	269342	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	60
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	50
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	50
4	endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	49
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

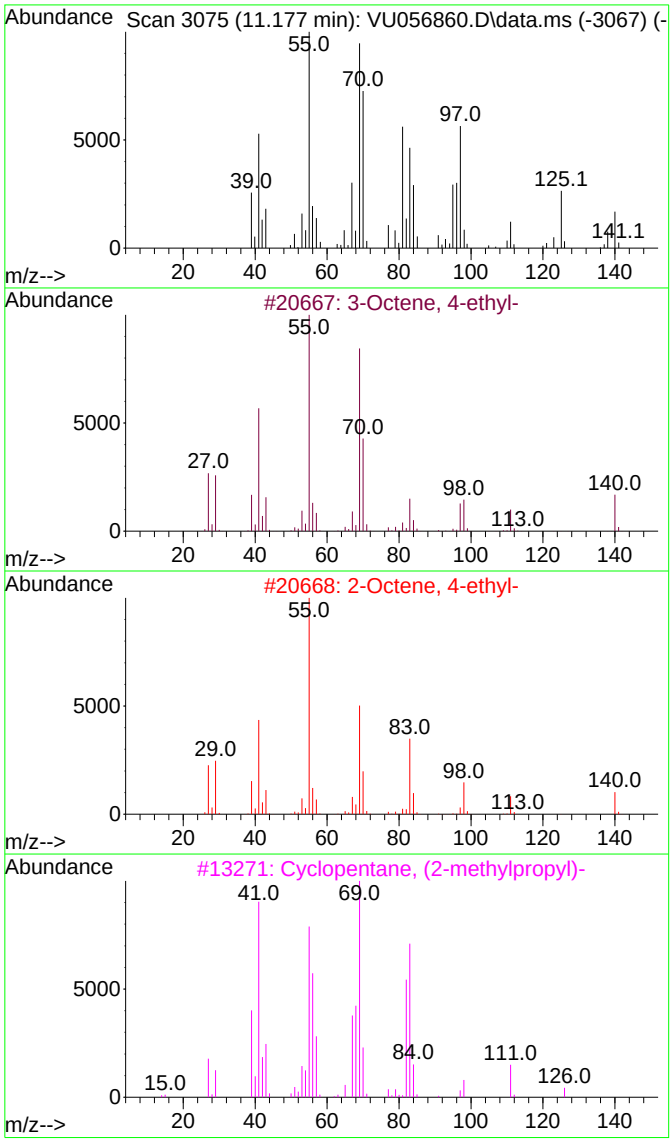
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

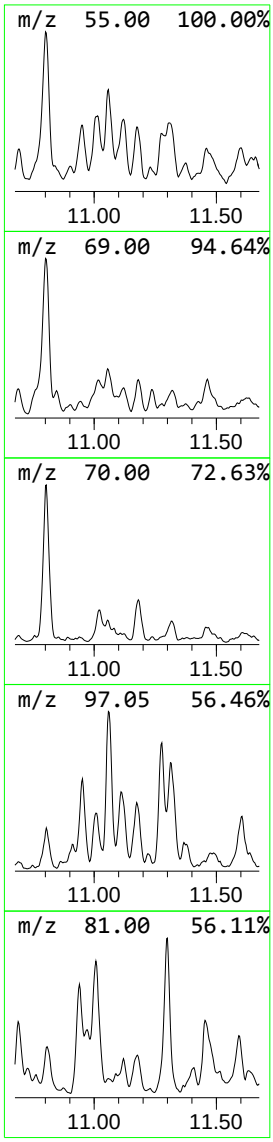
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	1.02 ug/L	174297	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46
2	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	46
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	45
4	1-Decene	140	C10H20	000872-05-9	43
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

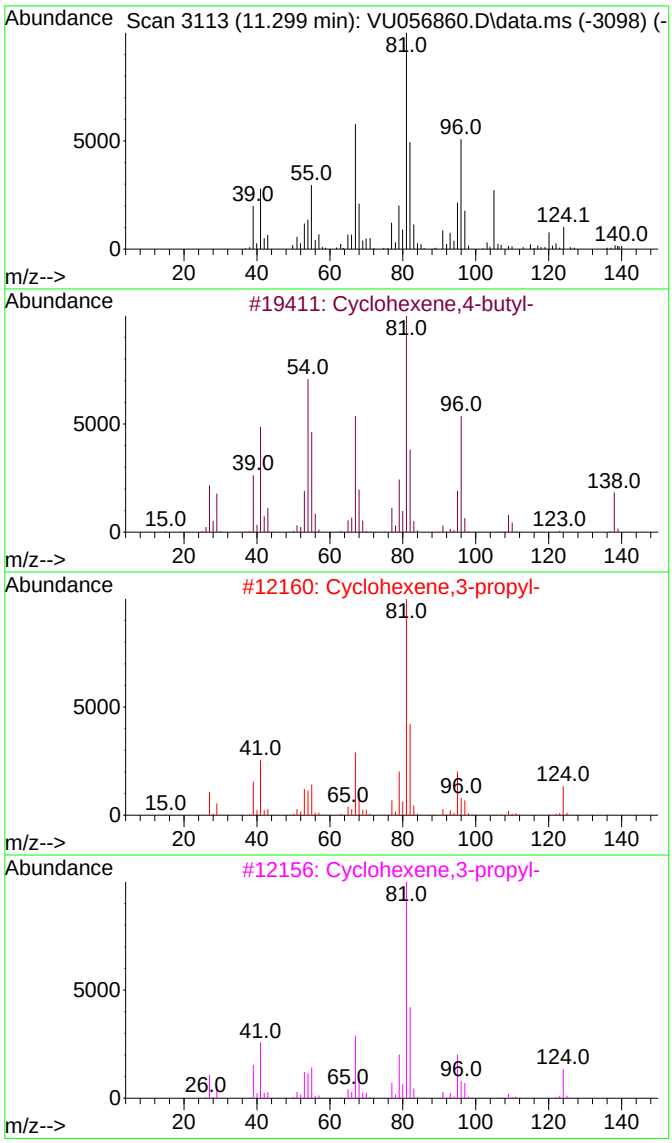
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

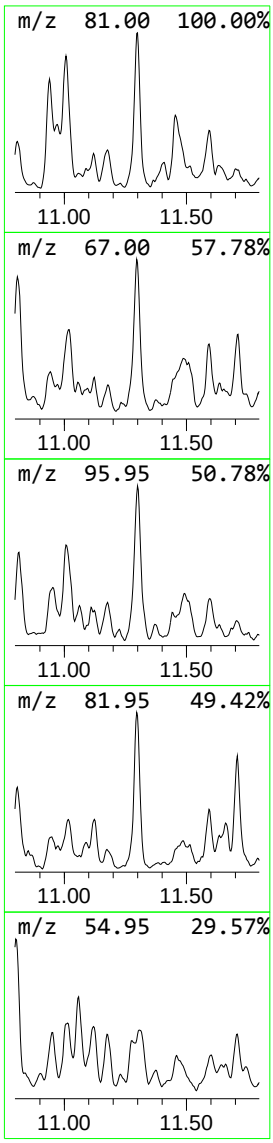
****

Peak Number 18 Cyclohexene,4-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.299	3.03 ug/L	518185	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,4-butyl-	138	C10H18	021524-26-5	59
2	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	58
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	58
4	Carbonic acid, ethyl cyclohexylm...	186	C10H18O3	1000357-91-5	46
5	Carbonic acid, butyl cyclohexylm...	214	C12H22O3	1010357-84-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

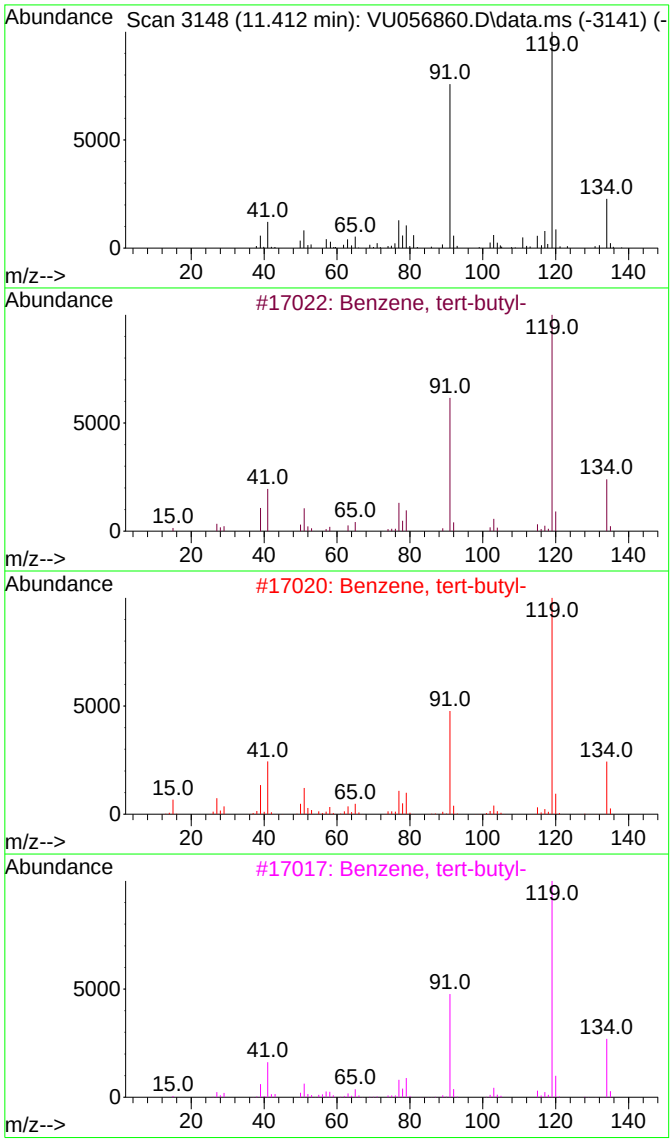
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

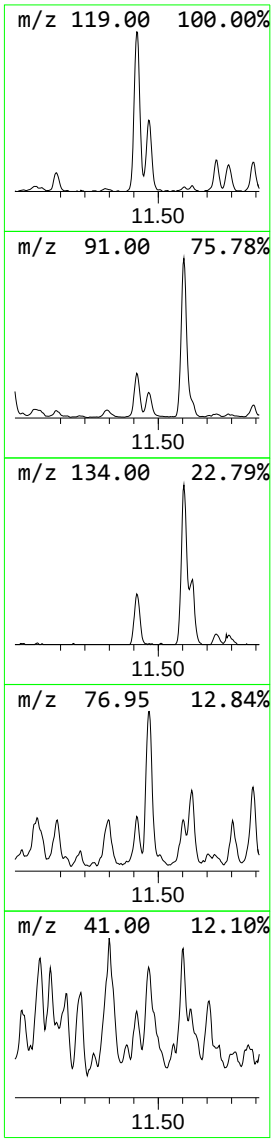
****

Peak Number 19 Benzene, tert-butyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.412	1.09 ug/L	186215	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	87
5	o-Cymene	134	C10H14	000527-84-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

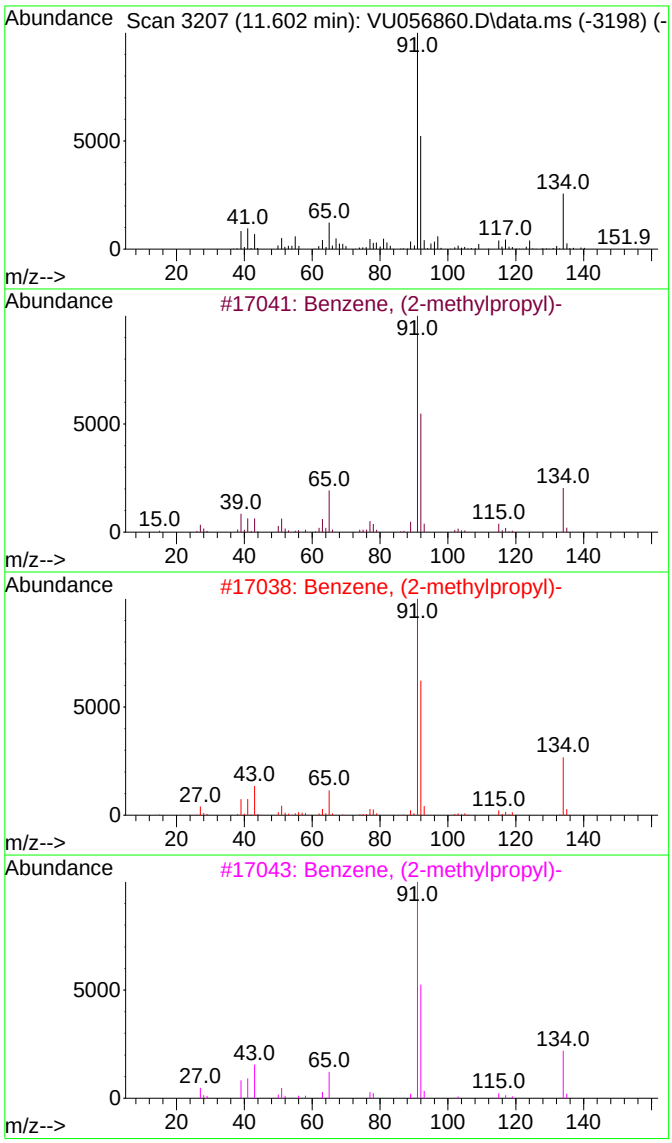
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

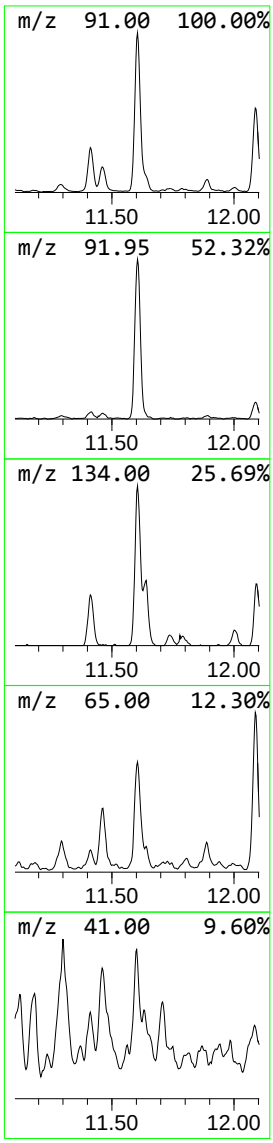
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	2.52 ug/L	431487	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, n-butyl-	134	C10H14	000104-51-8	74
5	Benzene, n-butyl-	134	C10H14	000104-51-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

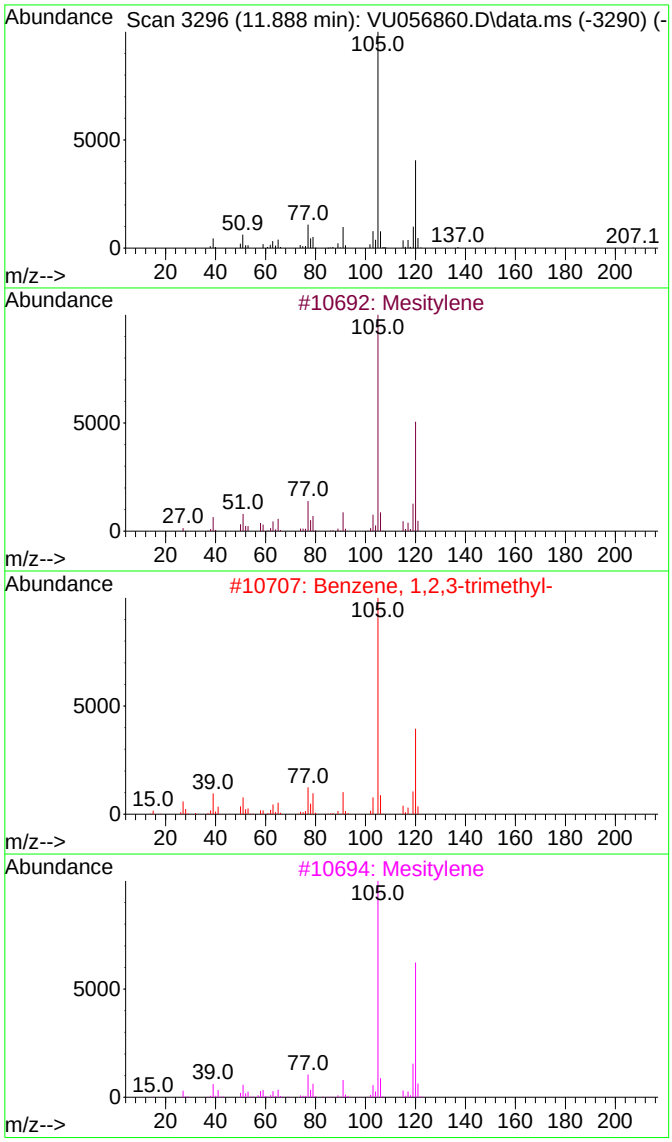
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

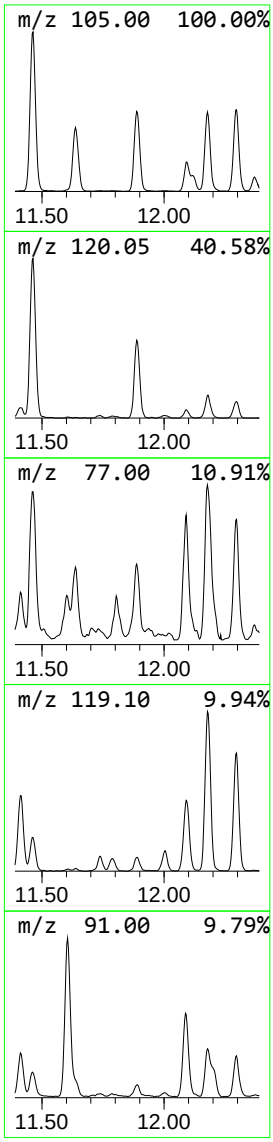
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	0.97 ug/L	165521	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

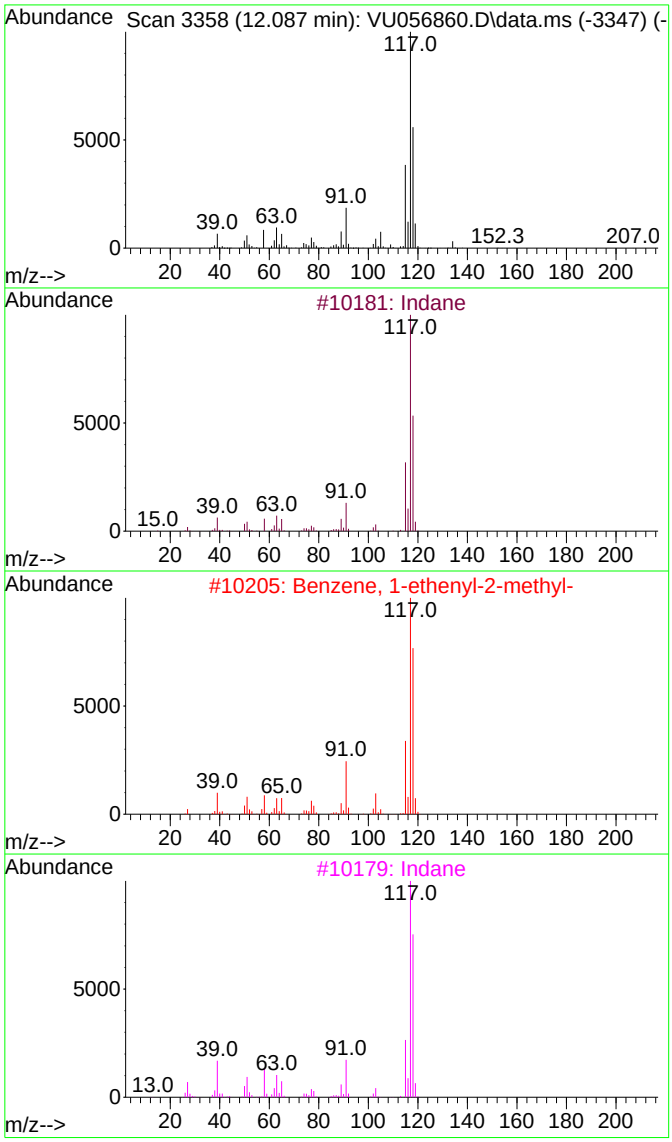
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

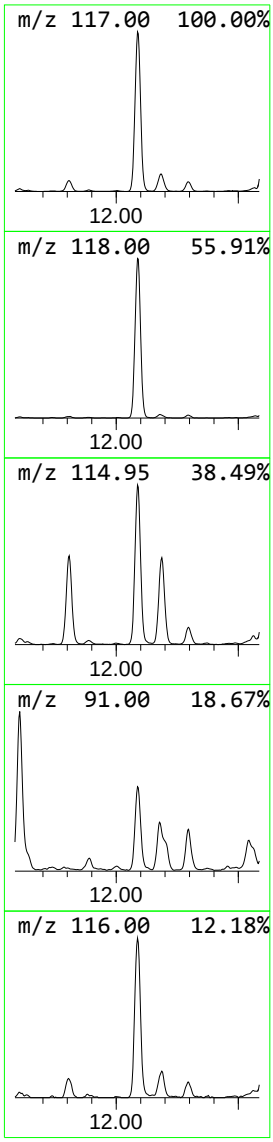
****

Peak Number 22 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	7.49 ug/L	1279570	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-2-methyl-	118	C9H10	000611-15-4	86
3	Indane	118	C9H10	000496-11-7	81
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
5	Indane	118	C9H10	000496-11-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

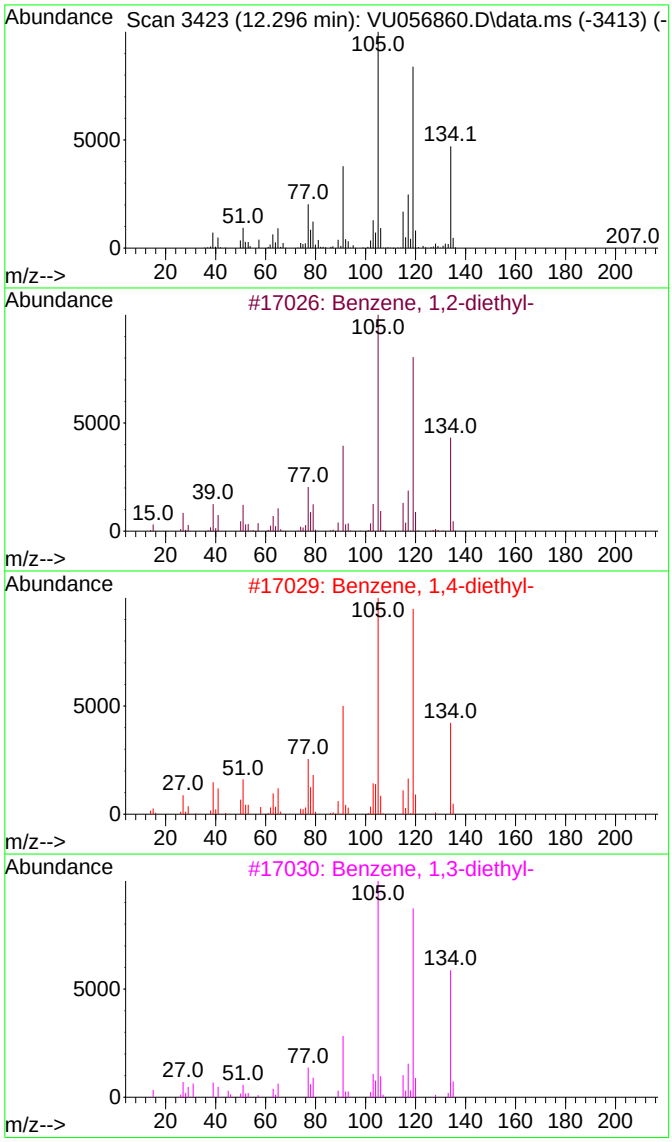
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

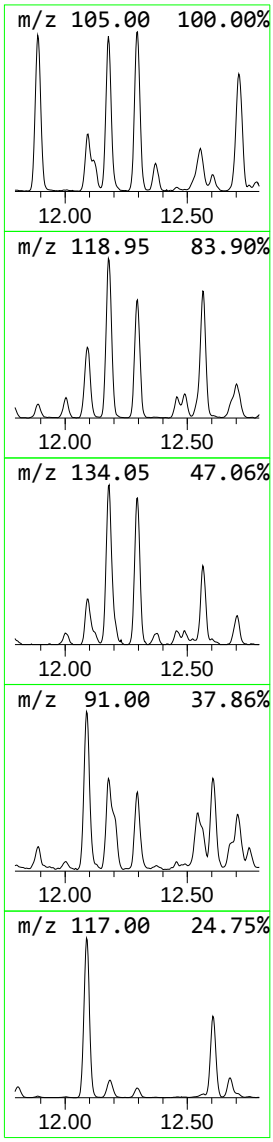
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.296	2.58 ug/L	441620	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	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

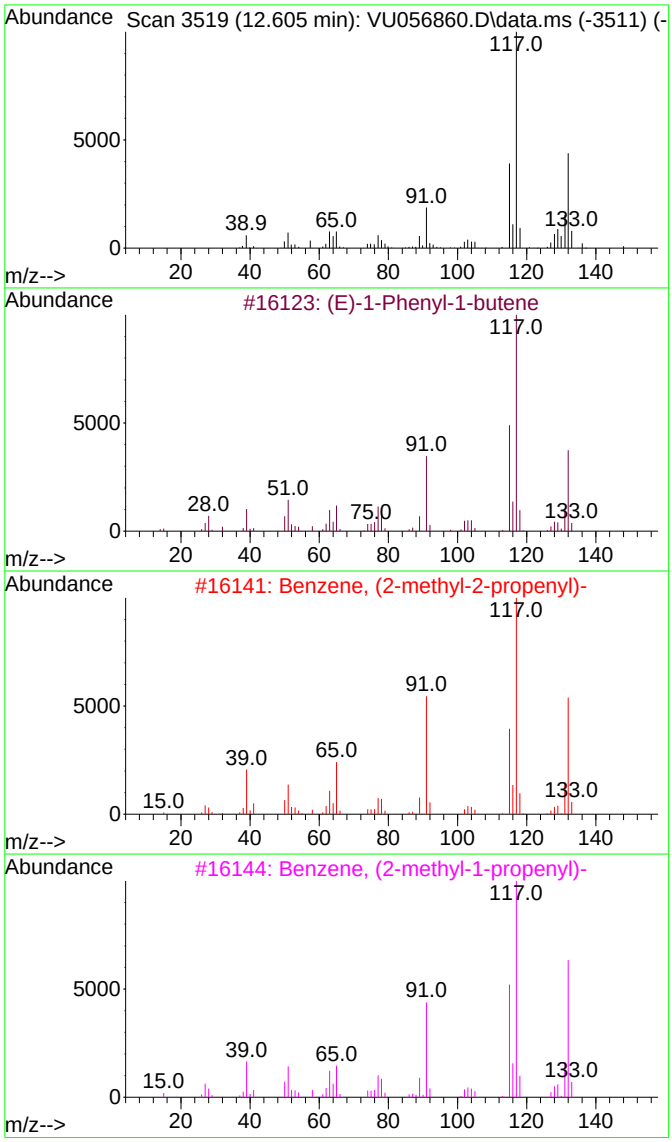
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

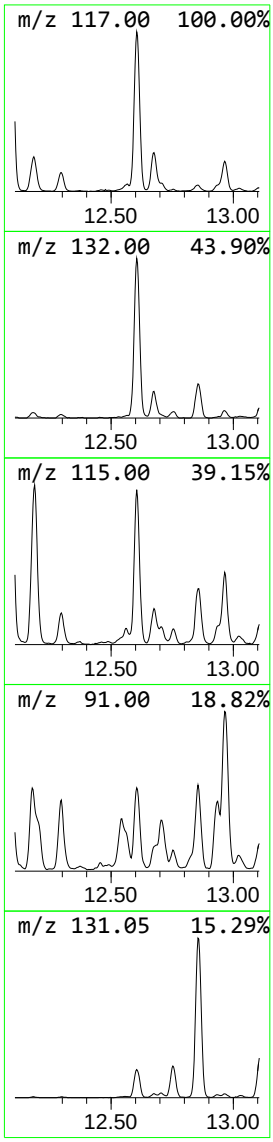
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (E)-1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	4.23 ug/L	723669	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

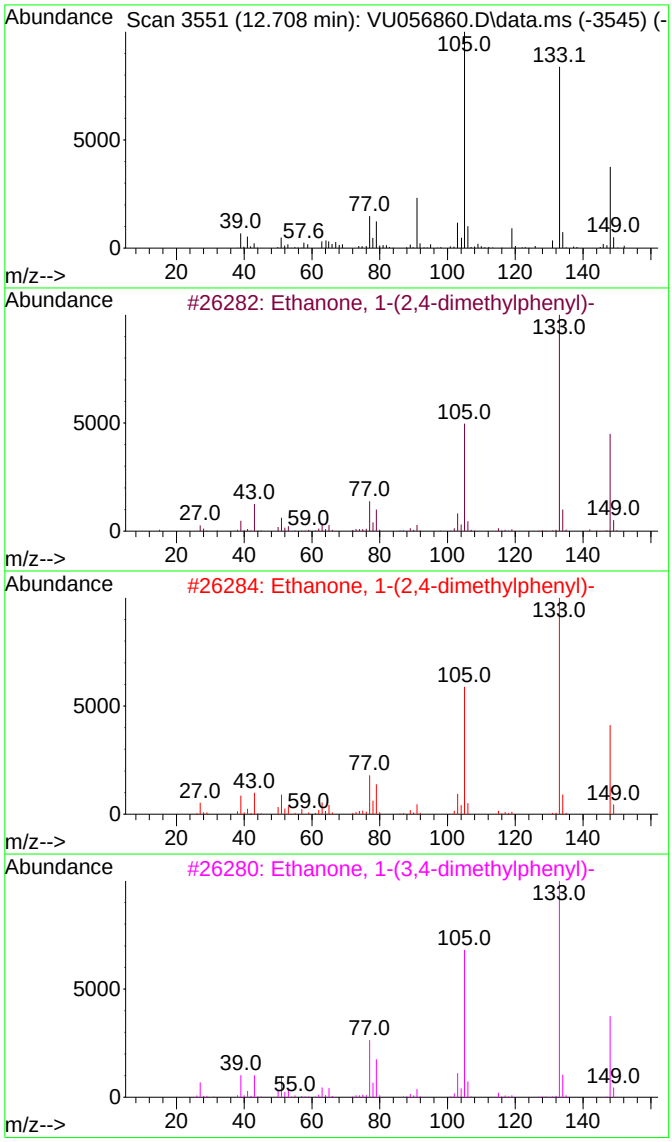
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

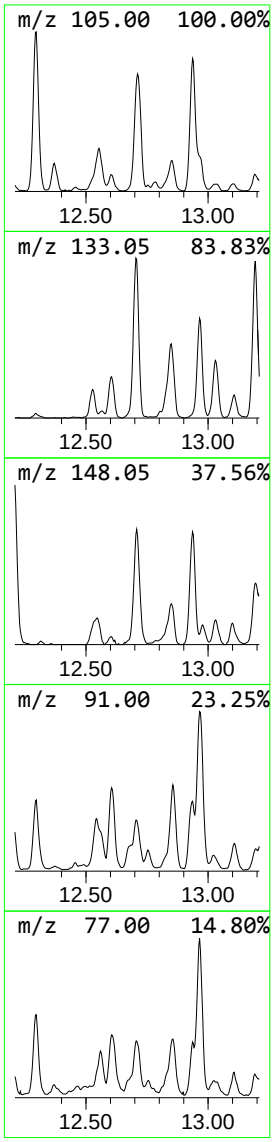
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Ethanone, 1-(2,4-dimethylph... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.708	1.38 ug/L	236650	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	80
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	74
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

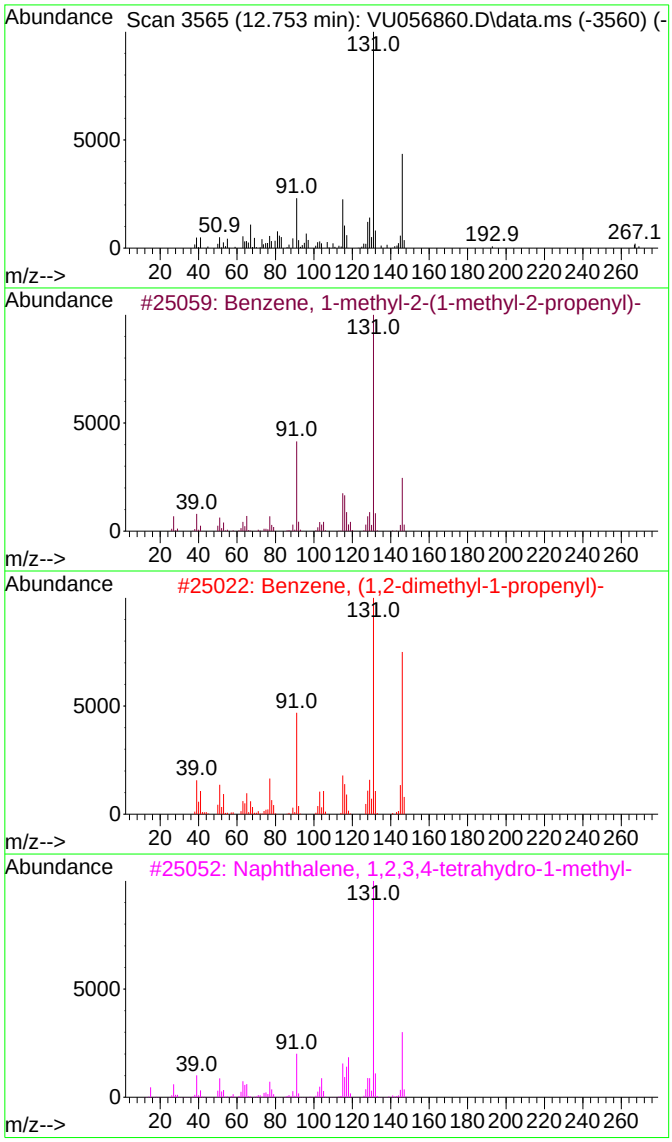
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

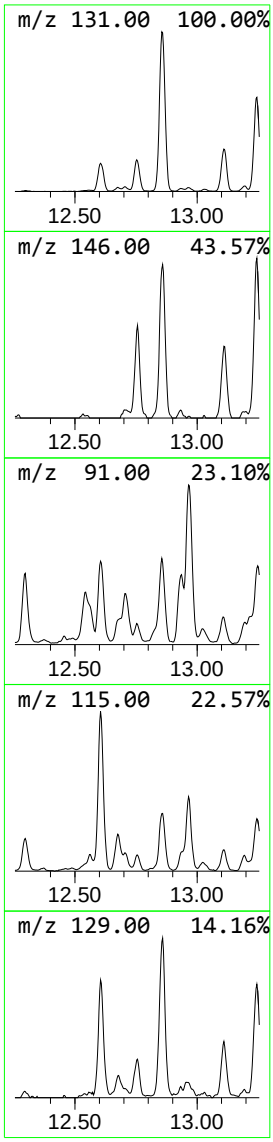
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-2-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.753	0.90 ug/L	154240	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

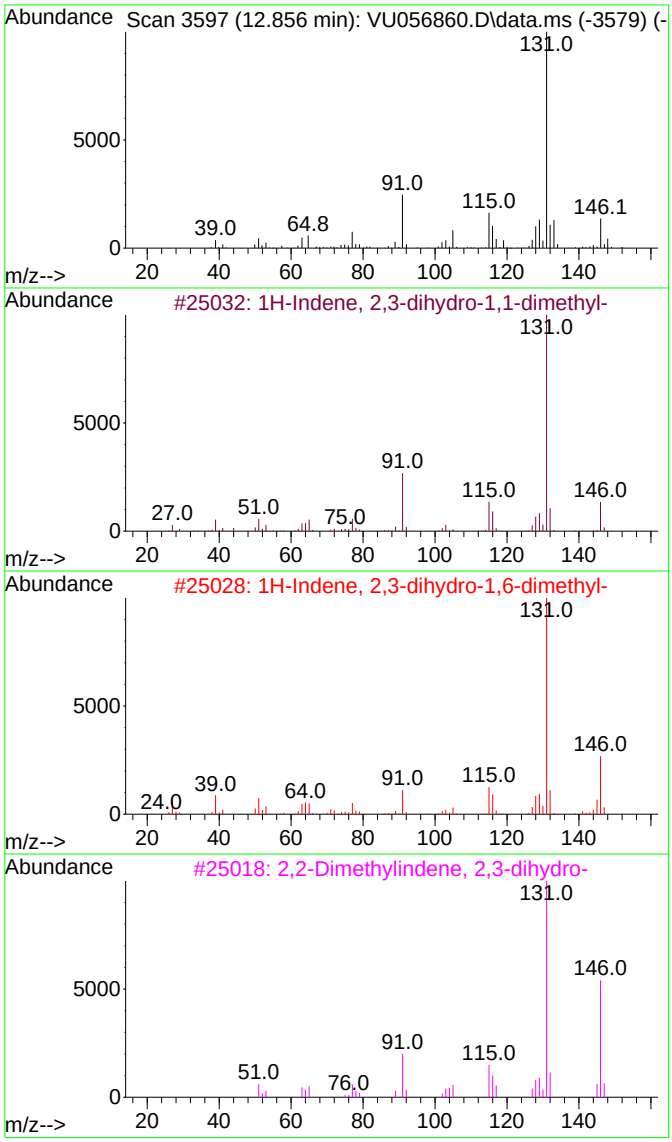
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

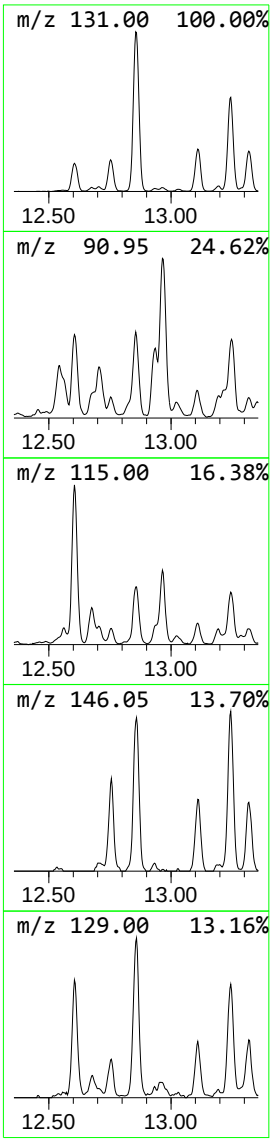
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.856	4.06 ug/L	693399	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	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

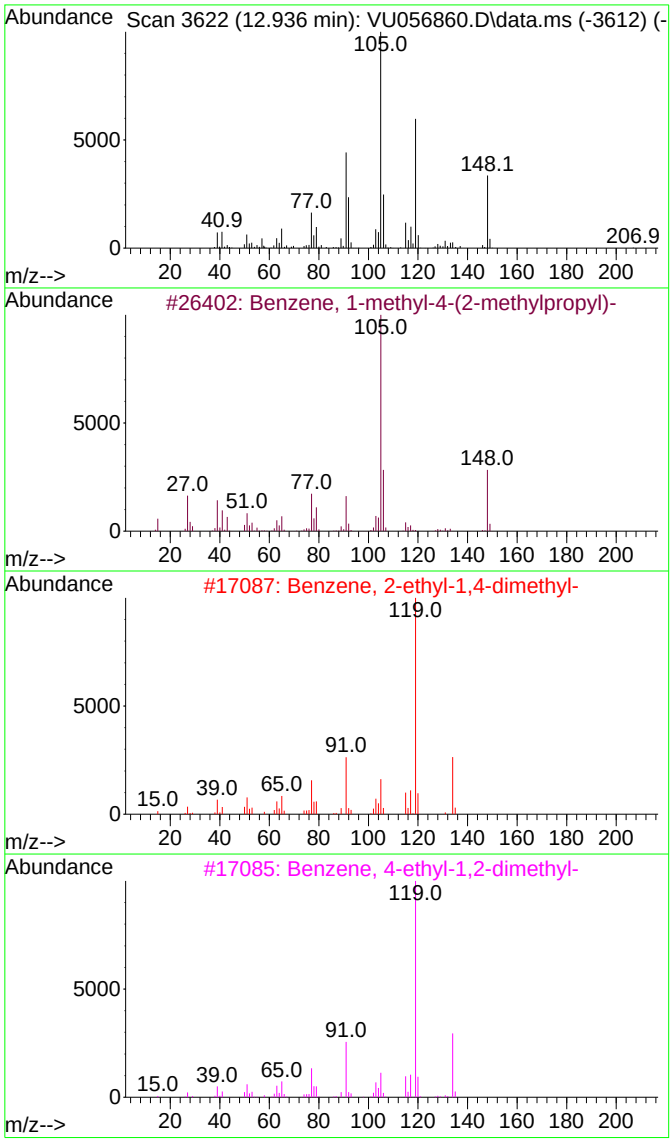
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

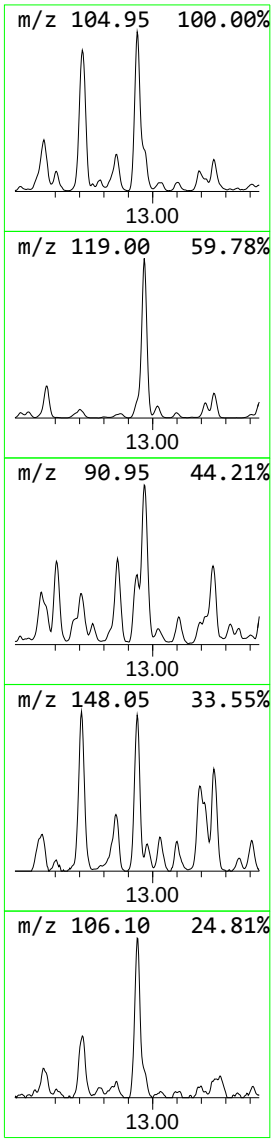
****

Peak Number 31 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.936	1.56 ug/L	266760	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	30
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

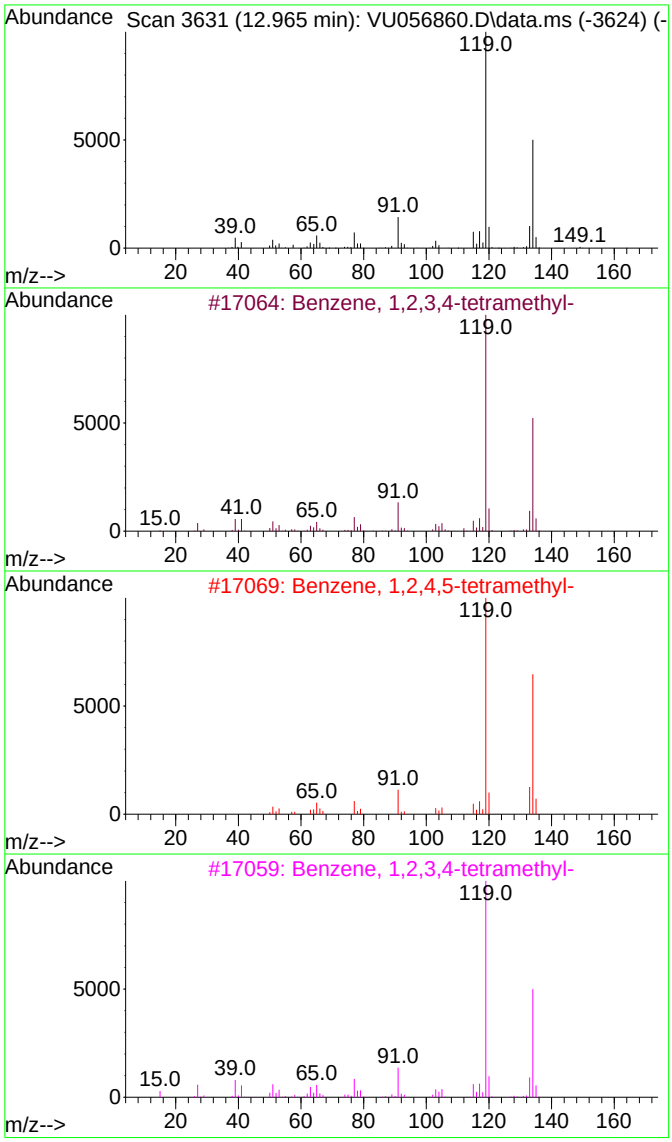
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

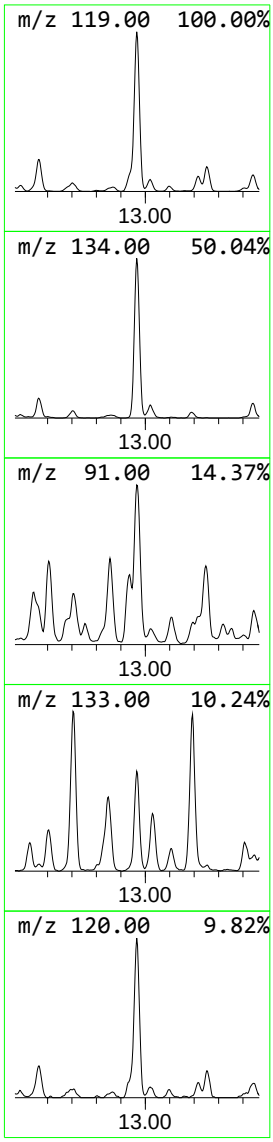
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	6.40 ug/L	1094690	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

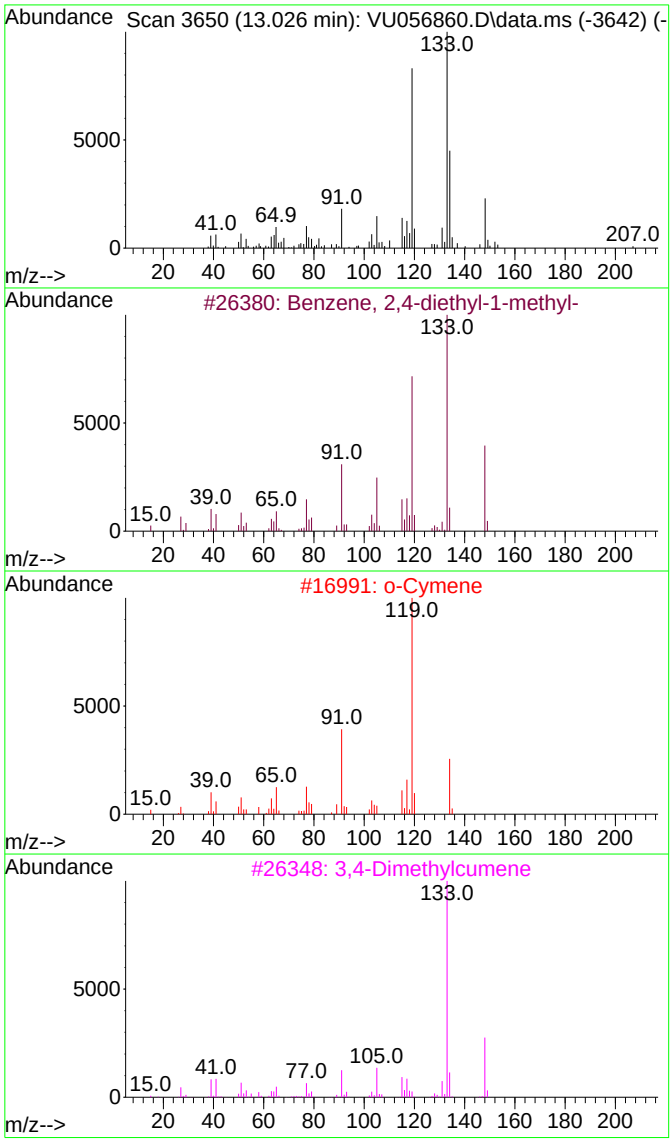
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

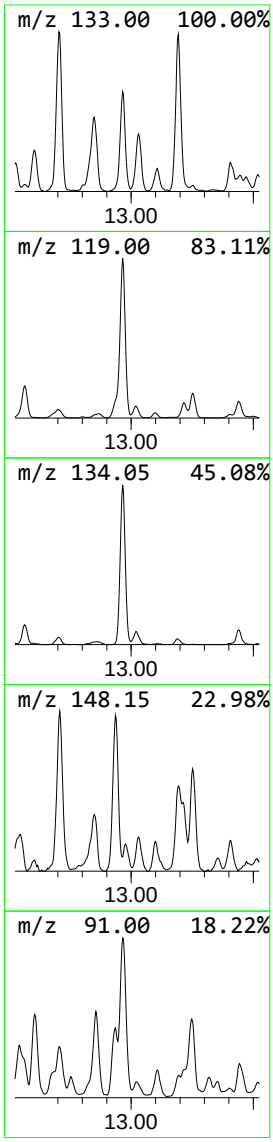
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.026	1.17 ug/L	199881	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	74
2	o-Cymene	134	C10H14	000527-84-4	55
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

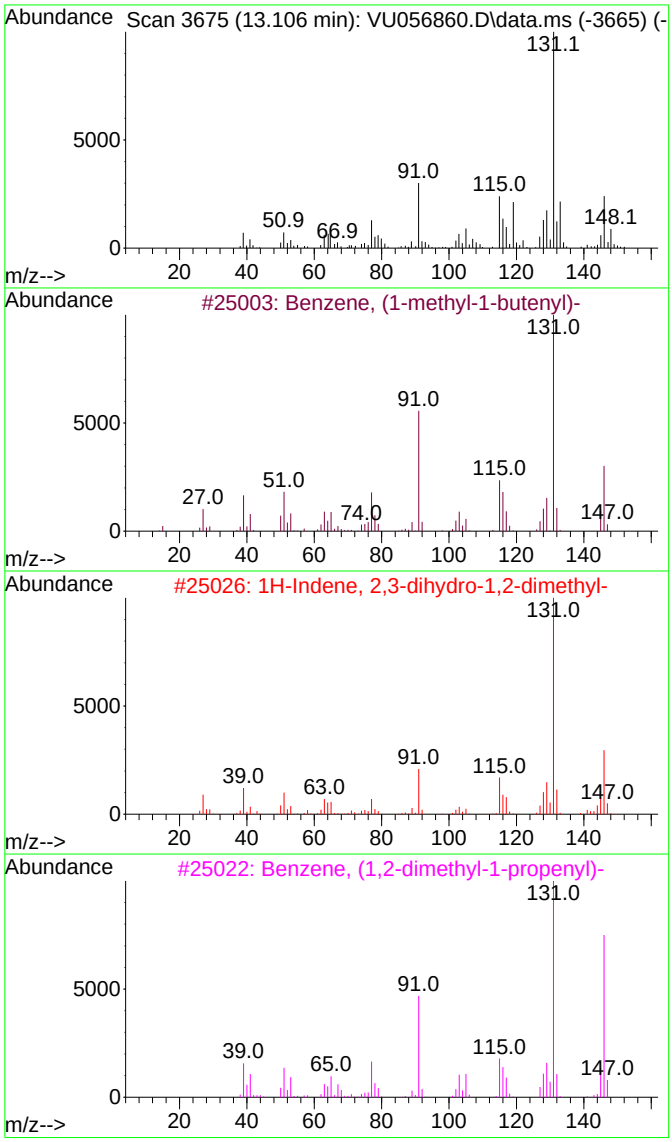
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

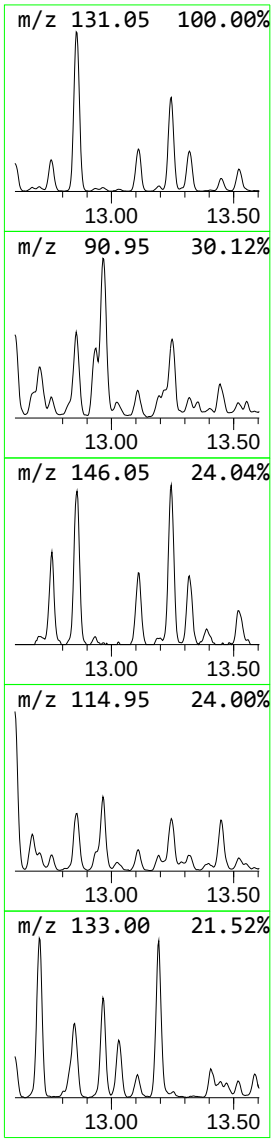
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (1-methyl-1-butenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.106	1.23 ug/L	210491	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

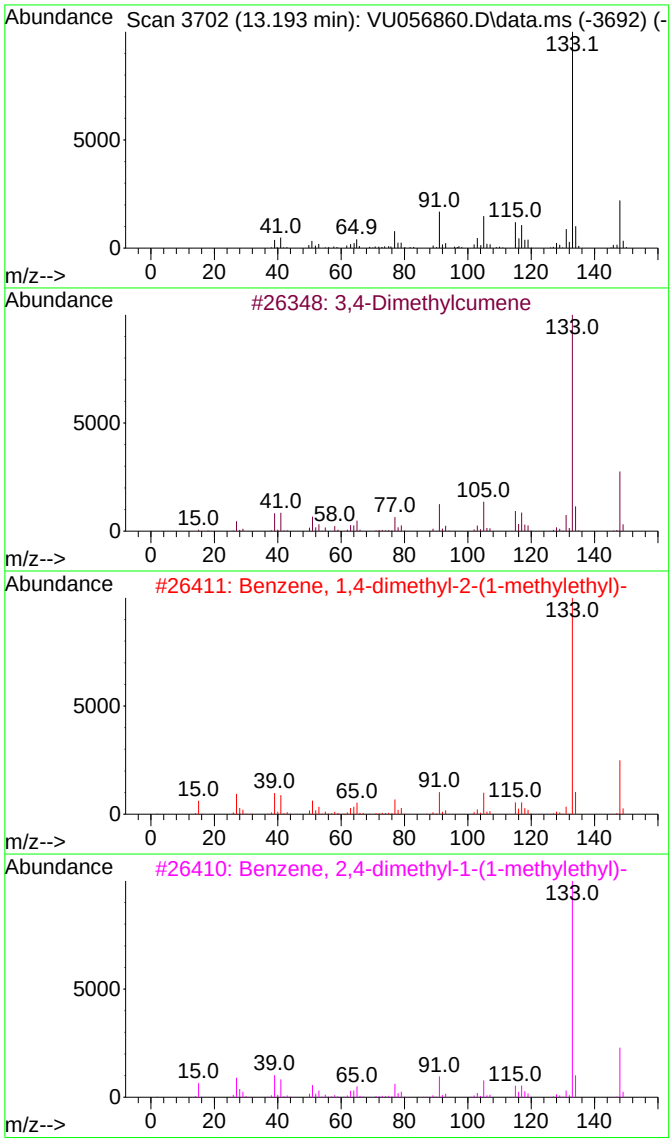
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

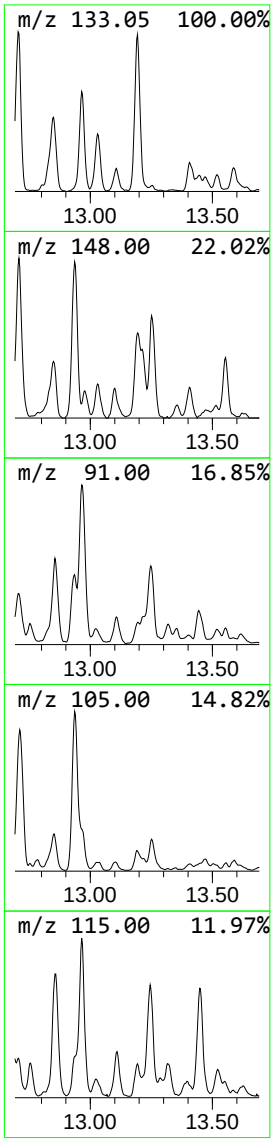
****

Peak Number 35 3,4-Dimethylcumene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.193	1.04 ug/L	176902	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

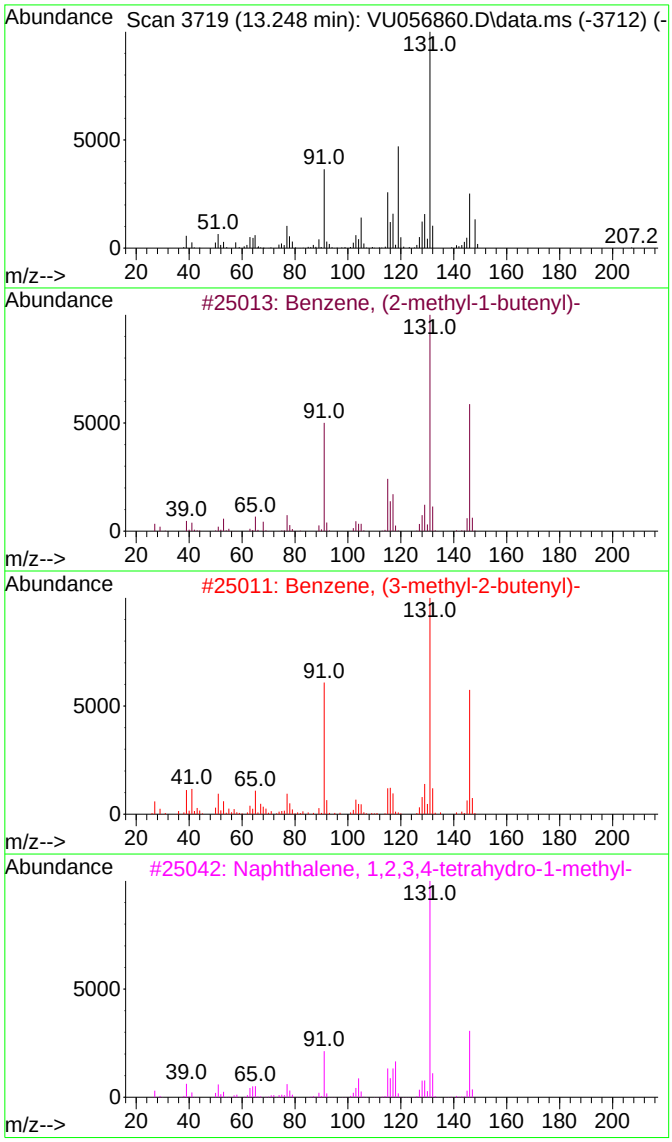
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

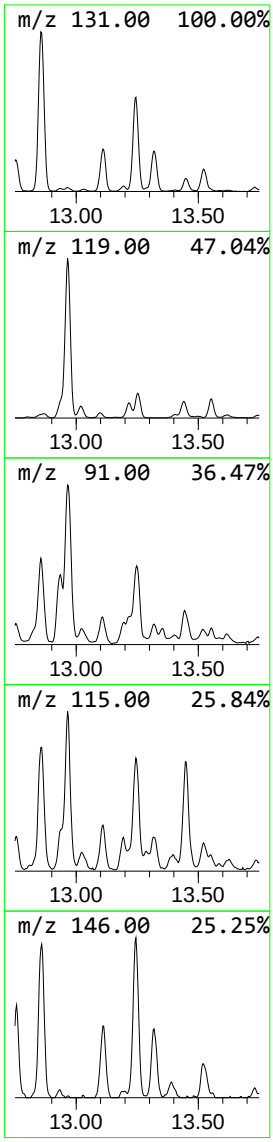
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	2.28 ug/L	389788	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	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

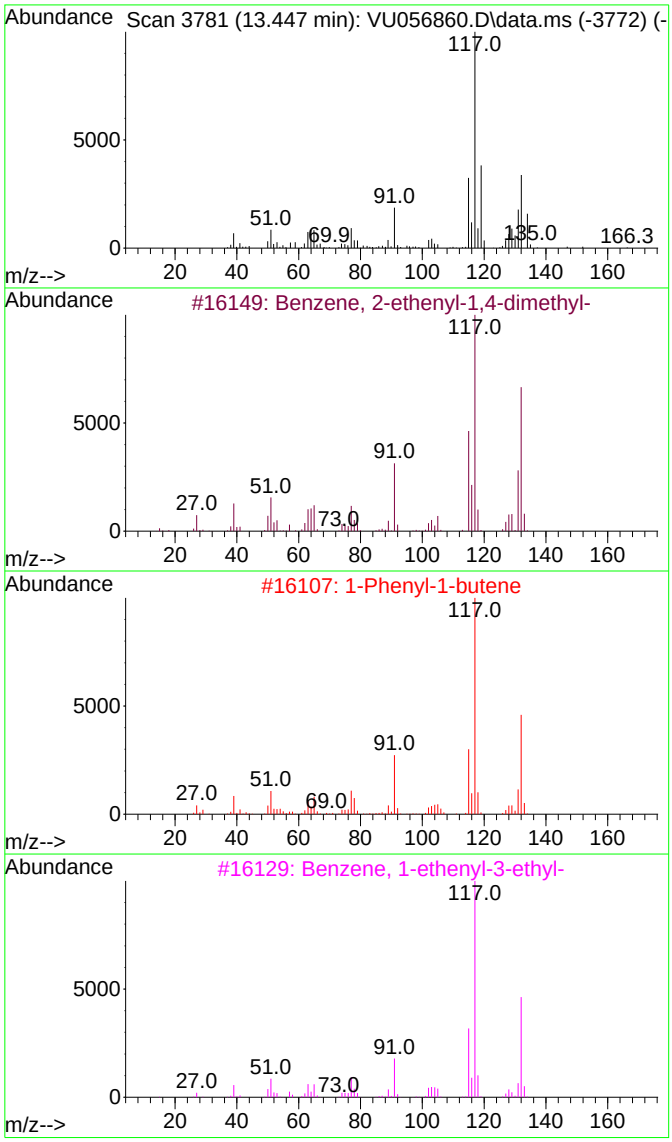
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

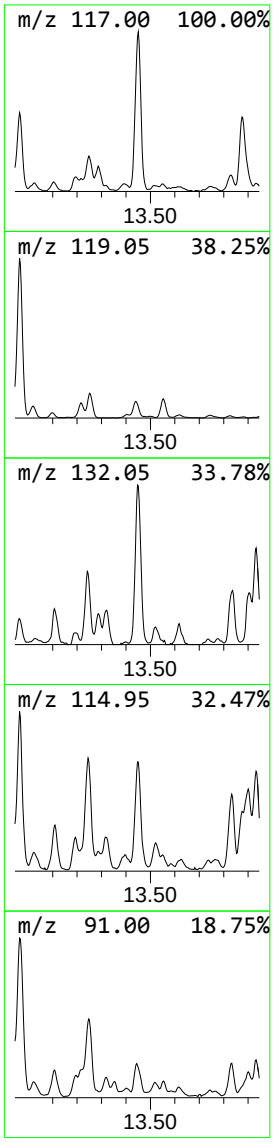
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	1.91 ug/L	326492	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

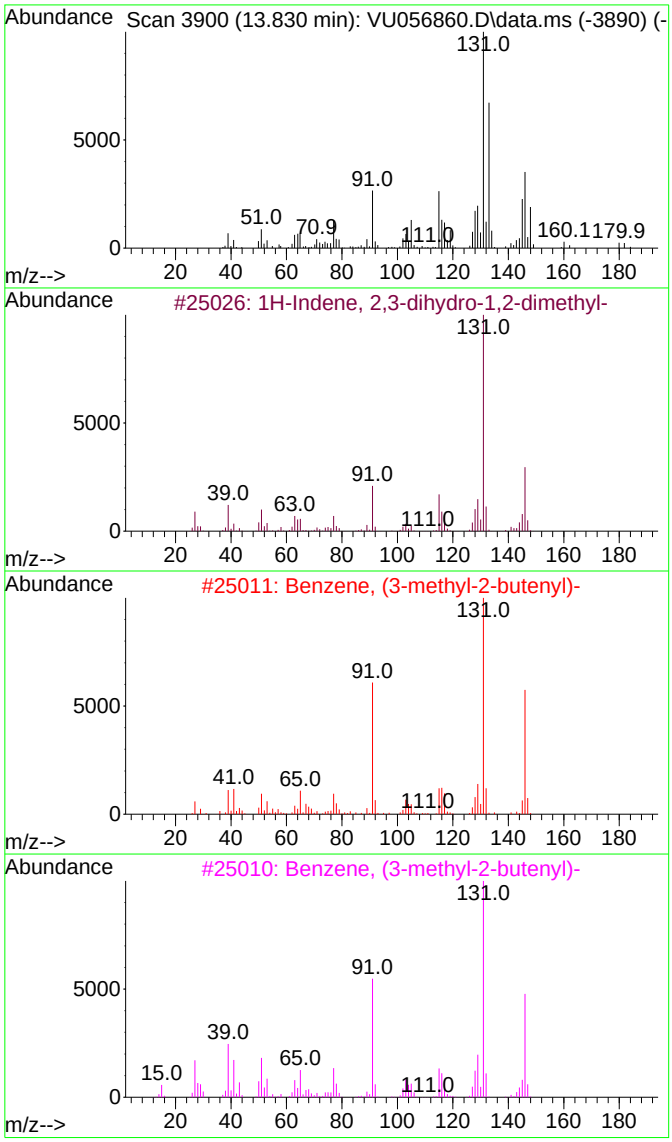
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

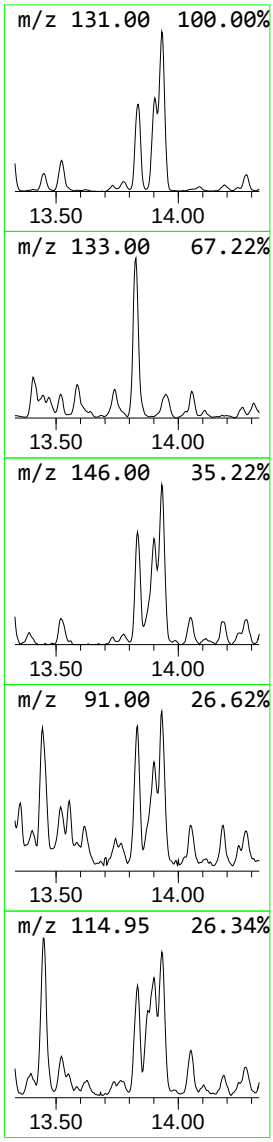
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	2.02 ug/L	345499	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	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

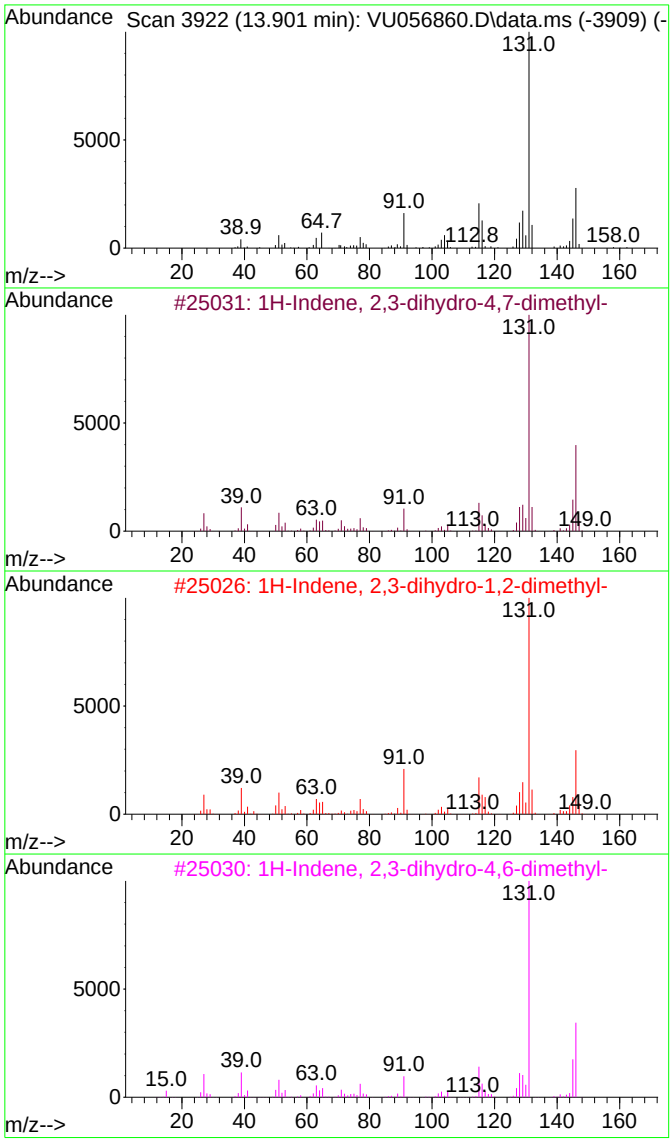
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

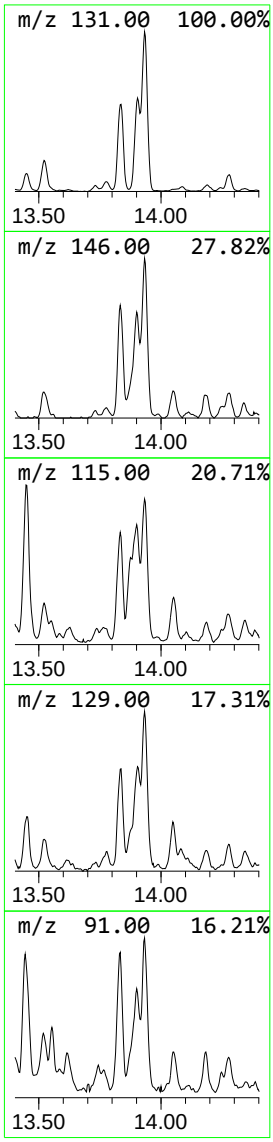
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.901	1.99 ug/L	339871	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	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

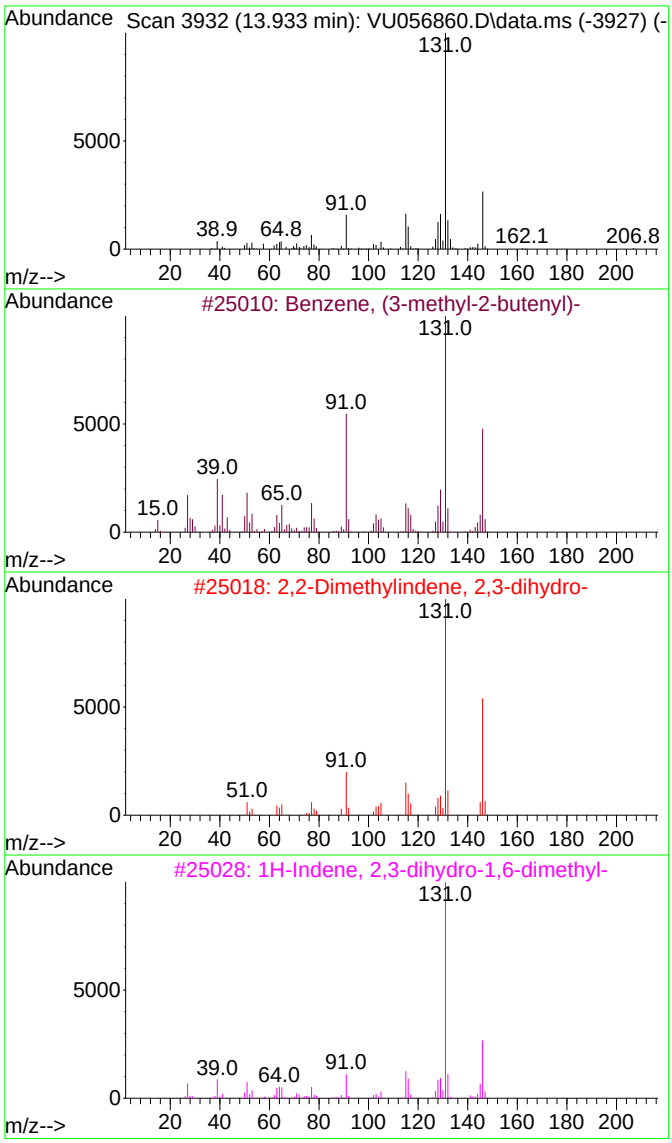
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

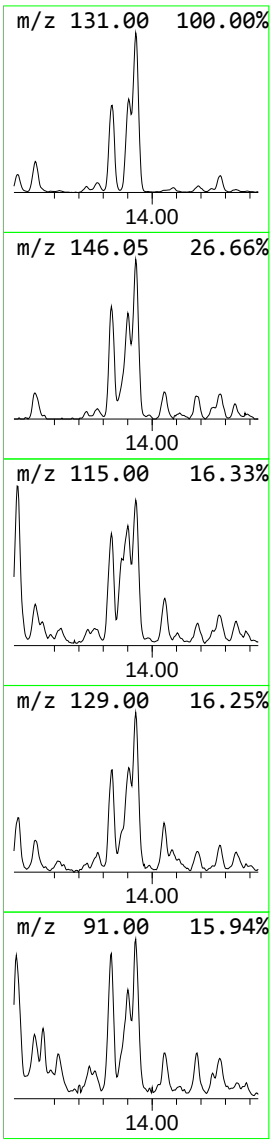
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, (3-methyl-2-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.00 ug/L	342666	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	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
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, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

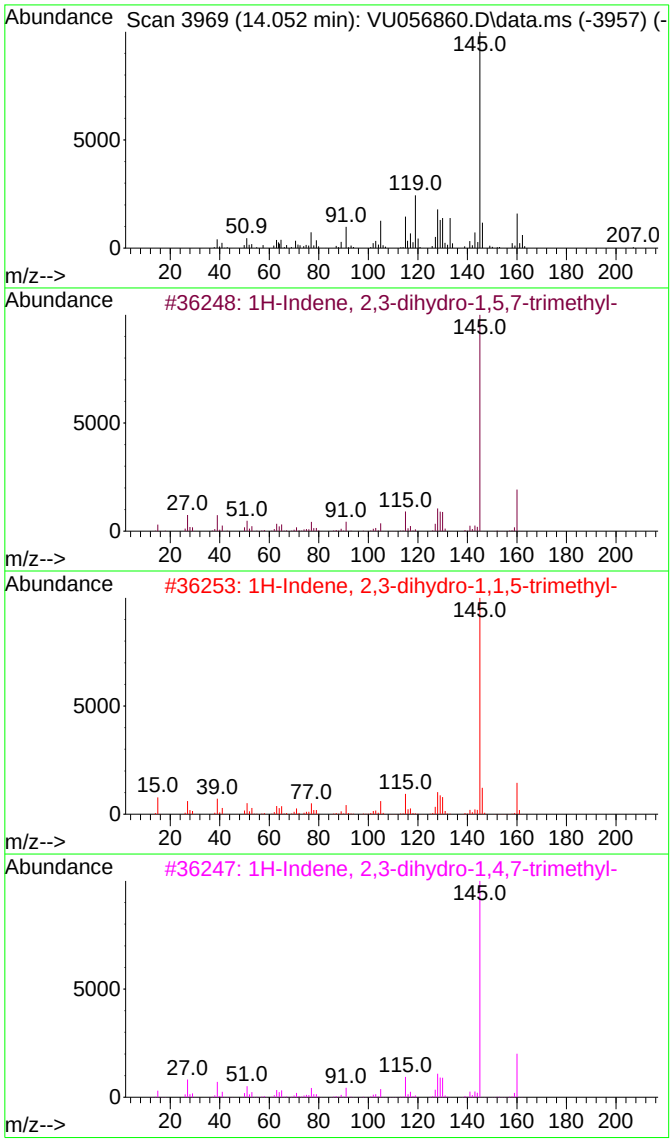
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

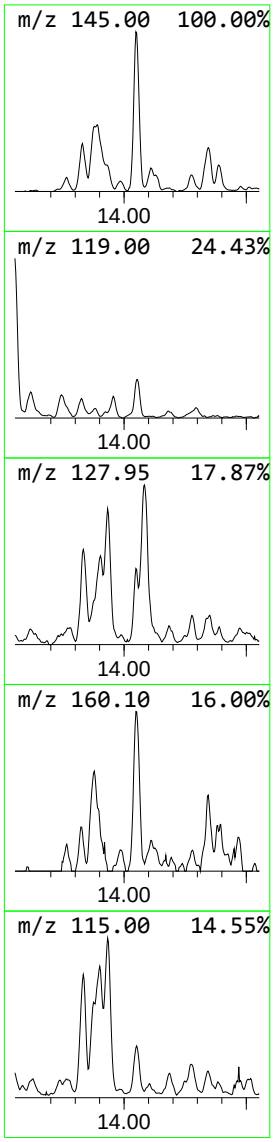
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.052	1.22 ug/L	208105	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	93
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	86
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

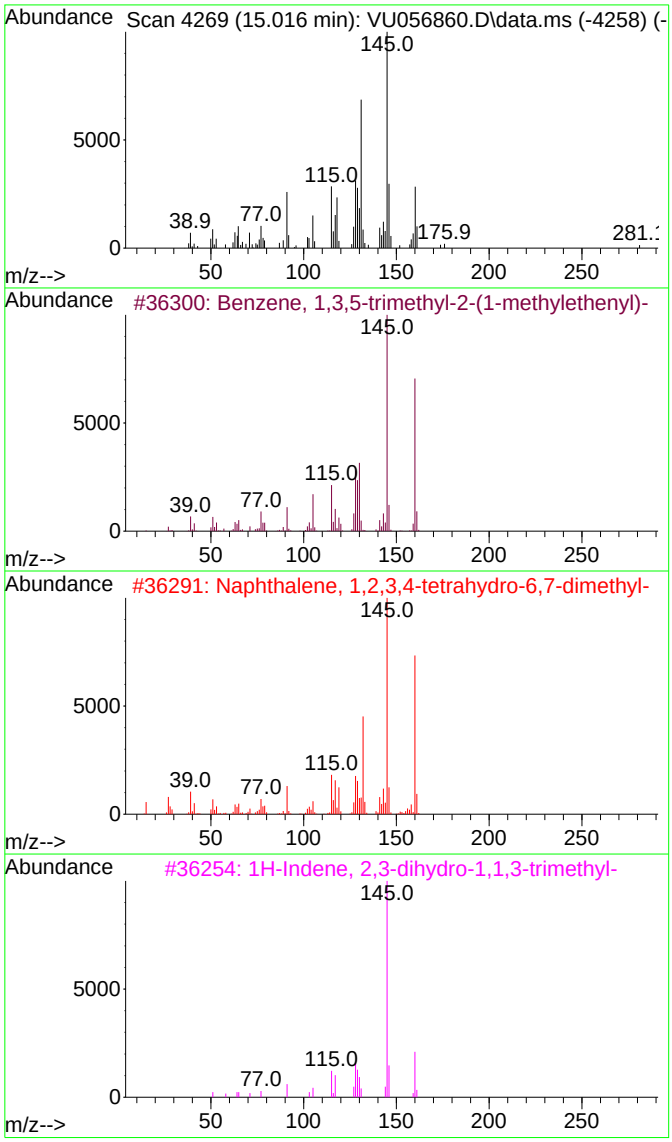
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

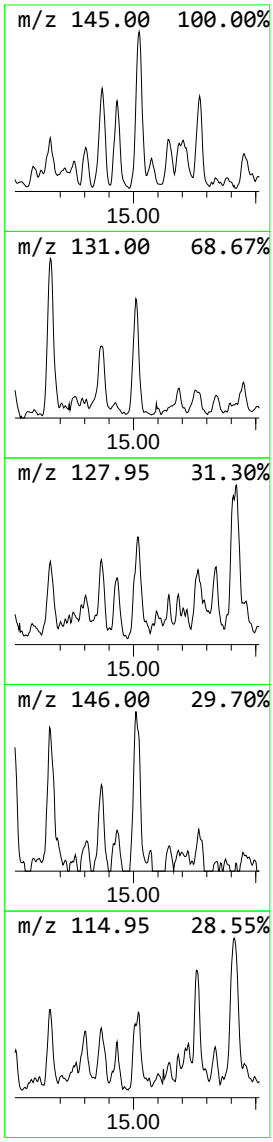
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	0.65 ug/L	110261	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	62
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	52
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

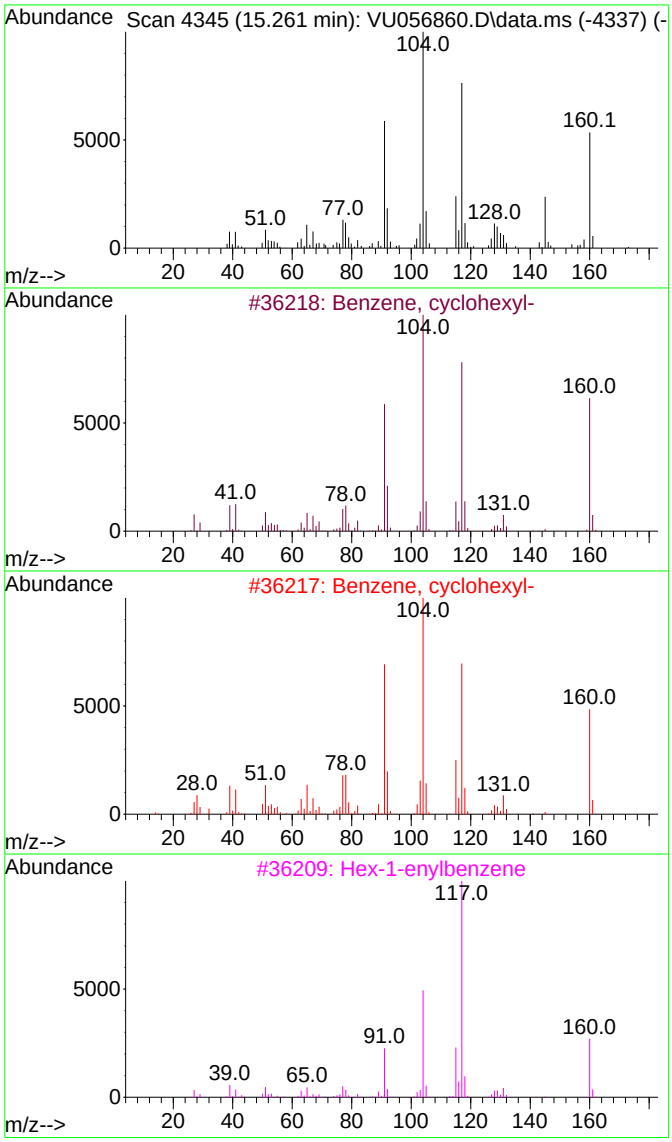
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

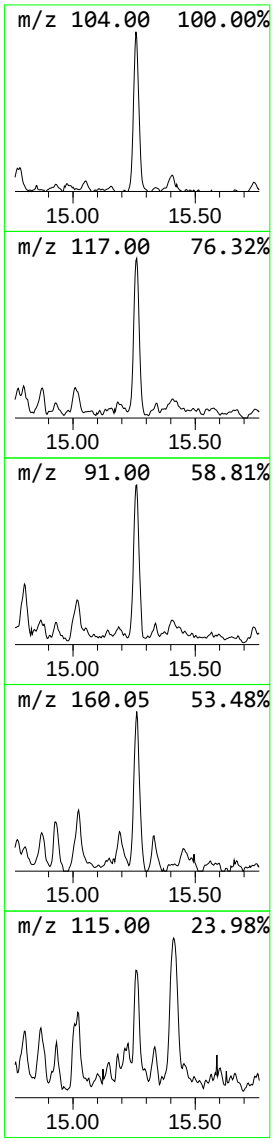
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, cyclohexyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	0.83 ug/L	142381	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	95
2	Benzene, cyclohexyl-	160	C12H16	000827-52-1	91
3	Hex-1-enylbenzene	160	C12H16	000828-15-9	83
4	Benzene, cyclohexyl-	160	C12H16	000827-52-1	81
5	Benzene, cyclohexyl-	160	C12H16	000827-52-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

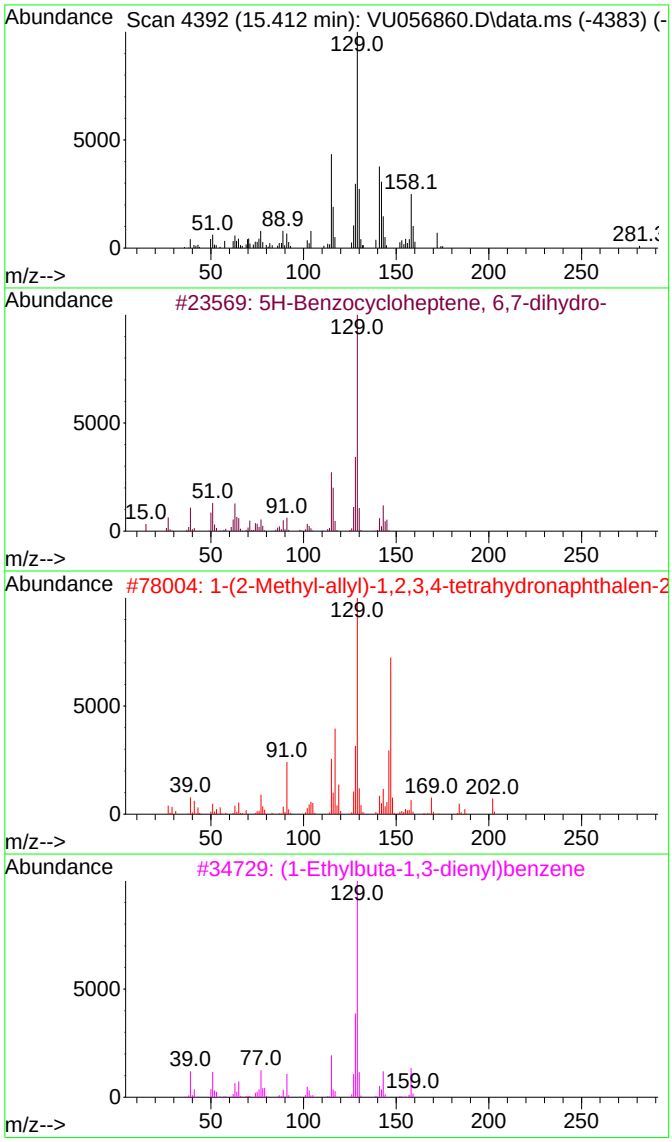
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

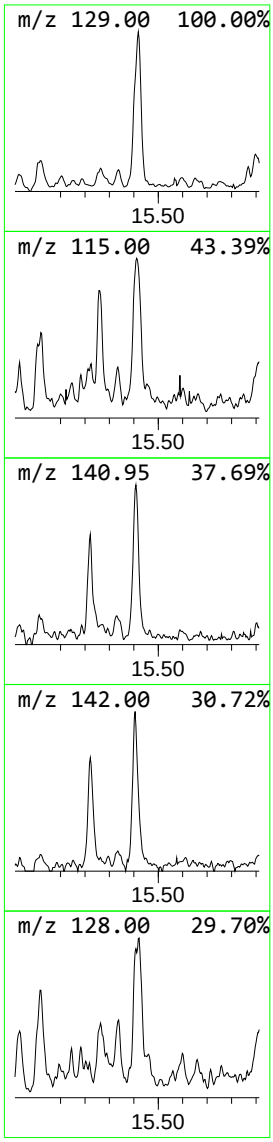
****

Peak Number 46 unknown-05 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.412	0.61 ug/L	104794	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	46
2	1-(2-Methyl-allyl)-1,2,3,4-tetra...	202	C14H18O	1000192-52-9	40
3	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	32
4	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	32
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

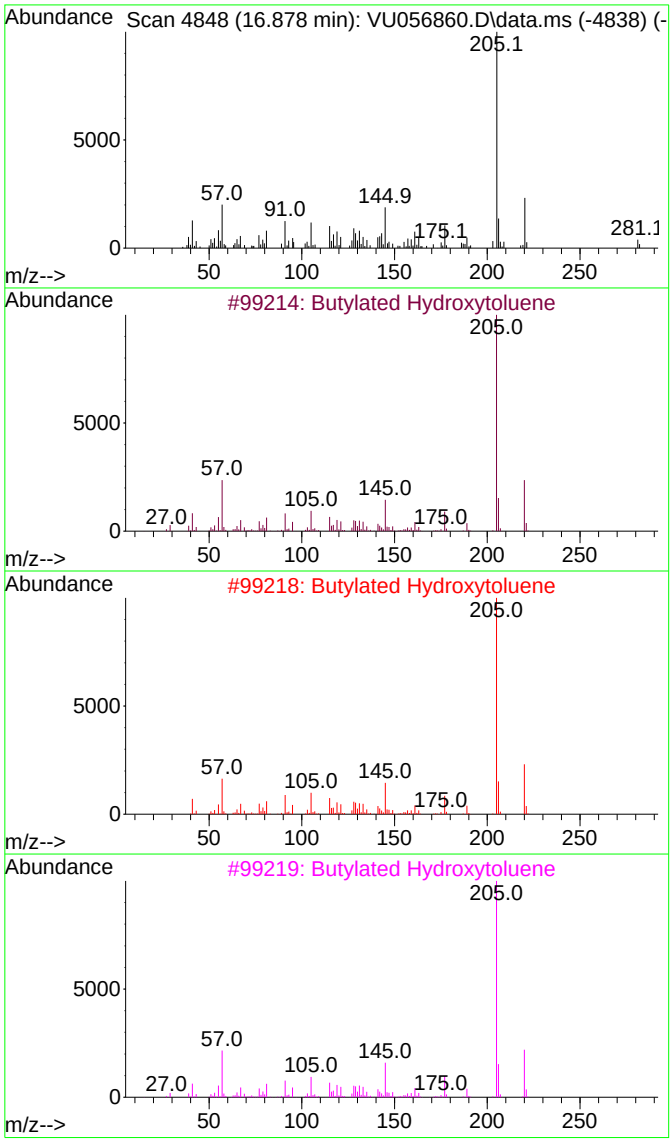
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

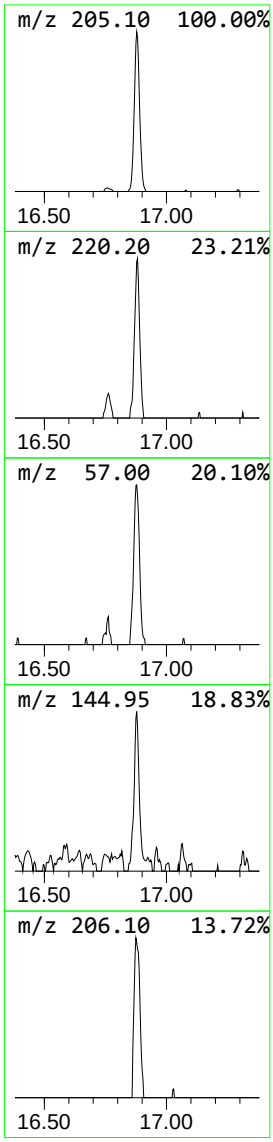
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Butylated Hydroxytoluene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	0.63 ug/L	107815	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	91
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056860.D
Acq On : 15 Dec 2023 01:26
Operator : MD/SY
Sample : 05770-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.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...	1.354	0.7	ug/L	77614	1	6.242	536096	5.0
(DEL) Alkane: C...	8.917	0.8	ug/L	115181	2	9.412	752900	5.0
(DEL) Alkane: C...	9.158	0.5	ug/L	79413	2	9.412	752900	5.0
(DEL) Alkane: C...	9.753	0.8	ug/L	127958	2	9.412	752900	5.0
(DEL) Alkane: C...	10.029	2.5	ug/L	378334	2	9.412	752900	5.0
(DEL) Alkane: C...	10.235	1.1	ug/L	162505	2	9.412	752900	5.0
unknown-01	10.267	2.2	ug/L	328589	2	9.412	752900	5.0
unknown-02	10.357	2.8	ug/L	420912	2	9.412	752900	5.0
unknown-03	10.531	1.4	ug/L	209464	2	9.412	752900	5.0
3,4-Octadiene, ...	10.692	1.7	ug/L	288207	3	11.807	854584	5.0
(DEL) Alkane: C...	10.804	3.6	ug/L	609632	3	11.807	854584	5.0
Bicyclo[3.1.0]h...	11.013	1.6	ug/L	269342	3	11.807	854584	5.0
(DEL) Alkane: S...	11.177	1.0	ug/L	174297	3	11.807	854584	5.0
Cyclohexene,4-b...	11.299	3.0	ug/L	518185	3	11.807	854584	5.0
Benzene, tert-b...	11.412	1.1	ug/L	186215	3	11.807	854584	5.0
Benzene, (2-met...	11.602	2.5	ug/L	431487	3	11.807	854584	5.0
Benzene, 1,2,3-...	11.888	1.0	ug/L	165521	3	11.807	854584	5.0
Indane	12.087	7.5	ug/L	1279570	3	11.807	854584	5.0
Benzene, 1,2-di...	12.296	2.6	ug/L	441620	3	11.807	854584	5.0
(E)-1-Phenyl-1-...	12.605	4.2	ug/L	723669	3	11.807	854584	5.0
Ethanone, 1-(2,...	12.708	1.4	ug/L	236650	3	11.807	854584	5.0
Benzene, 1-meth...	12.753	0.9	ug/L	154240	3	11.807	854584	5.0
1H-Indene, 2,3-...	12.856	4.1	ug/L	693399	3	11.807	854584	5.0
unknown-04	12.936	1.6	ug/L	266760	3	11.807	854584	5.0
Benzene, 1,2,3,...	12.965	6.4	ug/L	1094690	3	11.807	854584	5.0
Benzene, 2,4-di...	13.026	1.2	ug/L	199881	3	11.807	854584	5.0
Benzene, (1-met...	13.106	1.2	ug/L	210491	3	11.807	854584	5.0
3,4-Dimethylcumene	13.193	1.0	ug/L	176902	3	11.807	854584	5.0
Benzene, (2-met...	13.248	2.3	ug/L	389788	3	11.807	854584	5.0
Benzene, 2-ethe...	13.447	1.9	ug/L	326492	3	11.807	854584	5.0
1H-Indene, 2,3-...	13.830	2.0	ug/L	345499	3	11.807	854584	5.0
1H-Indene, 2,3-...	13.901	2.0	ug/L	339871	3	11.807	854584	5.0
Benzene, (3-met...	13.933	2.0	ug/L	342666	3	11.807	854584	5.0
1H-Indene, 2,3-...	14.052	1.2	ug/L	208105	3	11.807	854584	5.0
Benzene, 1,3,5-...	15.016	0.7	ug/L	110261	3	11.807	854584	5.0
Benzene, cycloh...	15.261	0.8	ug/L	142381	3	11.807	854584	5.0
unknown-05	15.412	0.6	ug/L	104794	3	11.807	854584	5.0
Butylated Hydro...	16.878	0.6	ug/L	107815	3	11.807	854584	5.0