LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

Signal : TIC: VU059877.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	46	rVB2	74805	91890	1.76%	0.117%
2	1.599	83	96	109	rBV	1912440	2497537	47.73%	3.185%
3	1.654	109	113	119	rVB	58521	63196	1.21%	0.081%
4	1.727	129	136	145	rVB	55761	65019	1.24%	0.083%
5	1.908	183	192	208	rVB	52930	75481	1.44%	0.096%
6	2.461	354	364	379	rVB	50058	84517	1.62%	0.108%
7	2.560	383	395	408	rVV2	93358	161090	3.08%	0.205%
8	2.628	408	416	442	rVB2	32295	66926	1.28%	0.085%
9	3.181	574	588	624	rVV	208650	584866	11.18%	0.746%
10	3.345	627	639	666	rVB	126419	258480	4.94%	0.330%
11	3.859	780	799	821	rBV	1290553	3039161	58.08%	3.876%
12	3.985	825	838	860	rVB3	47691	131760	2.52%	0.168%
13	4.657	1012	1047	1083	rBV2	1205167	2987557	57.10%	3.810%
14	4.811	1087	1095	1121	rVB3	22830	62584	1.20%	0.080%
15	5.052	1156	1170	1201	rBV2	129128	297197	5.68%	0.379%
16	5.718	1358	1377	1387	rBV2	181714	489588	9.36%	0.624%
17	5.766	1388	1392	1402	rVV	88247	160394	3.07%	0.205%
18	5.824	1403	1410	1430	rVB2	47364	110347	2.11%	0.141%
19	5.959	1440	1452	1465	rBV2	59119	123879	2.37%	0.158%
20	6.242	1529	1540	1568	rVB	192515	376357	7.19%	0.480%
21	6.534	1609	1631	1658	rBV	605216	1222200	23.36%	1.559%
22	6.682	1666	1677	1692	rBV2	114193	218420	4.17%	0.279%
23	6.994	1755	1774	1791	rBV2	131815	309941	5.92%	0.395%
24	7.155	1806	1824	1850	rVB	101644	219768	4.20%	0.280%
25	7.570	1939	1953	1981	rBV	1116116	2018054	38.57%	2.574%
26	7.708	1982	1996	2010	rVB2	105355	206801	3.95%	0.264%
27	7.891	2044	2053	2067	rVB	231273	391670	7.49%	0.499%
28	7.965	2067	2076	2093	rVB	70736	122299	2.34%	0.156%
29	8.177	2135	2142	2159	rVB	38469	70215	1.34%	0.090%
30	8.306	2159	2182	2197	rBV	2865798	4832001	92.35%	6.162%
31	8.480	2224	2236	2252	rBV	878882	1496075	28.59%	1.908%
32	8.624	2265	2281	2299	rBV	365792	680312	13.00%	0.868%
33	8.711	2300	2308	2317	rVB2	87804	150729	2.88%	0.192%
34	8.843	2343	2349	2370	rVB3	56625	120694	2.31%	0.154%
35	9.084	2412	2424	2445	rVB	459190	822084	15.71%	1.048%
36	9.187	2445	2456	2470	rBV2	805227	1264642	24.17%	1.613%

LSC Area Percent Report

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Data File : VU059877.D
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Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YDZG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

37	9.264	2471	2480	2488	rVV2	57183	89885	1.72%	0.115%
38	9.328	2489	2500	2516	rVB6	134930	295297	5.64%	0.377%
39	9.412	2516	2526	2535	rBV	292991	507761	9.70%	0.648%
40	9.457	2536	2540	2551	rVB	75134	112340	2.15%	0.143%
41	9.566	2564	2574	2580	rBV	98737	158733	3.03%	0.202%
42	9.685	2597	2611	2622	rVB2	42670	82956	1.59%	0.106%
43	9.820	2642	2653	2660	rBV2	84900	152021	2.91%	0.194%
44	9.875	2660	2670	2684	rVB2	930345	1505542	28.77%	1.920%
45	9.978	2684	2702	2715	rBV5	687203	1491286	28.50%	1.902%
46	10.071	2725	2731	2749	rVB2	111530	254587	4.87%	0.325%
47	10.219	2764	2777	2783	rBV3	38719	73592	1.41%	0.094%
48	10.271	2783	2793	2802	rBV4	77981	146386	2.80%	0.187%
49	10.332	2802	2812	2818	rBV2	421664	759582	14.52%	0.969%
50	10.496	2844	2863	2873	rBV	3102741	5232543	100.00%	6.673%
51	10.598	2891	2895	2900	rBV	54106	69100	1.32%	0.088%
52	10.637	2900	2907	2924	rVB	528708	891350	17.03%	1.137%
53	10.750	2934	2942	2949	rBV	117960	188031	3.59%	0.240%
54	10.888	2977	2985	2990	rVV4	109594	166400	3.18%	0.212%
55	10.923	2990	2996	3006	rVB	146059	232168	4.44%	0.296%
56	11.007	3013	3022	3033	rVB	215936	342447	6.54%	0.437%
57	11.084	3033	3046	3069	rVB2	449899	882245	16.86%	1.125%
58	11.245	3081	3096	3112	rBV5	326040	992050	18.96%	1.265%
59	11.316	3112	3118	3130	rVB3	130836	218585	4.18%	0.279%
60	11.396	3132	3143	3159	rBV5	63776	141139	2.70%	0.180%
61	11.492	3162	3173	3184	rBV	722938	1186104	22.67%	1.513%
62	11.557	3184	3193	3208	rBV2	375687	678162	12.96%	0.865%
63	11.647	3208	3221	3238	rVV2	1455556	3081002	58.88%	3.929%
64	11.730	3239	3247	3253	rVV7	251411	421770	8.06%	0.538%
65	11.775	3253	3261	3290	rVB3	1080708	2568266	49.08%	3.275%
66	11.907	3291	3302	3309	rBV4	295804	508760	9.72%	0.649%
67	11.965	3310	3320	3324	rVV	449647	715322	13.67%	0.912%
68	12.013	3325	3335	3353	rVB3	1281435	2789555	53.31%	3.557%
69	12.148	3365	3377	3386	rBV	3244558	5165068	98.71%	6.587%
70	12.309	3412	3427	3433	rBV3	685072	1317620	25.18%	1.680%
71	12.357	3434	3442	3453	rVB6	586918	1330673	25.43%	1.697%
72	12.434	3454	3466	3480	rBV2	457322	904457	17.29%	1.153%
73	12.557	3493	3504	3512	rVV5	162046	377978	7.22%	0.482%
74	12.624	3516	3525	3534	rVB4	572642	945875	18.08%	1.206%
75	12.817	3575	3585	3603	rVB2	661442	1143600	21.86%	1.458%
76	12.942	3604	3624	3633	rBV5	468182	1121535	21.43%	1.430%

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Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YDZG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

77	13.000	3633	3642	3657	rVV10	183330	501380	9.58%	0.639%
78	13.084	3658	3668	3677	rVB7	333482	596543	11.40%	0.761%
79	13.296	3727	3734	3742	rVB	214500	300171	5.74%	0.383%
80	13.611	3822	3832	3840	rBV3	298184	611292	11.68%	0.780%
81	13.666	3845	3849	3859	rVV	359577	495954	9.48%	0.632%
82	13.727	3861	3868	3879	rVB3	339520	540089	10.32%	0.689%
83	13.827	3893	3899	3907	rVB7	78055	117606	2.25%	0.150%
84	13.891	3909	3919	3929	rBV	408725	703794	13.45%	0.898%
85	14.013	3950	3957	3968	rVB4	215630	373191	7.13%	0.476%
86	14.106	3979	3986	3992	rBV2	232637	318666	6.09%	0.406%
87	14.155	3993	4001	4021	rVB2	1011553	1806277	34.52%	2.304%
88	14.245	4023	4029	4034	rBV	72593	108232	2.07%	0.138%
89	14.348	4051	4061	4071	rBV	761645	1210128	23.13%	1.543%
90	14.479	4095	4102	4120	rVB6	211110	499308	9.54%	0.637%
91	14.576	4121	4132	4141	rBV	1146600	1915722	36.61%	2.443%
92	14.894	4223	4231	4243	rBV7	137052	327913	6.27%	0.418%
93	15.029	4265	4273	4285	rVB5	193358	361316	6.91%	0.461%
94	15.319	4356	4363	4365	rBV4	87763	110539	2.11%	0.141%
95	15.348	4367	4372	4379	rVB	137407	202777	3.88%	0.259%
96	15.466	4404	4409	4417	rVB	152634	213266	4.08%	0.272%
97	15.518	4418	4425	4430	rVV2	187826	282382	5.40%	0.360%
98	15.563	4430	4439	4450	rVB2	933528	1554378	29.71%	1.982%
99	16.421	4700	4706	4714	rVB4	52385	74600	1.43%	0.095%
100	16.624	4763	4769	4781	rVB3	46887	72792	1.39%	0.093%

Sum of corrected areas: 78413820

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
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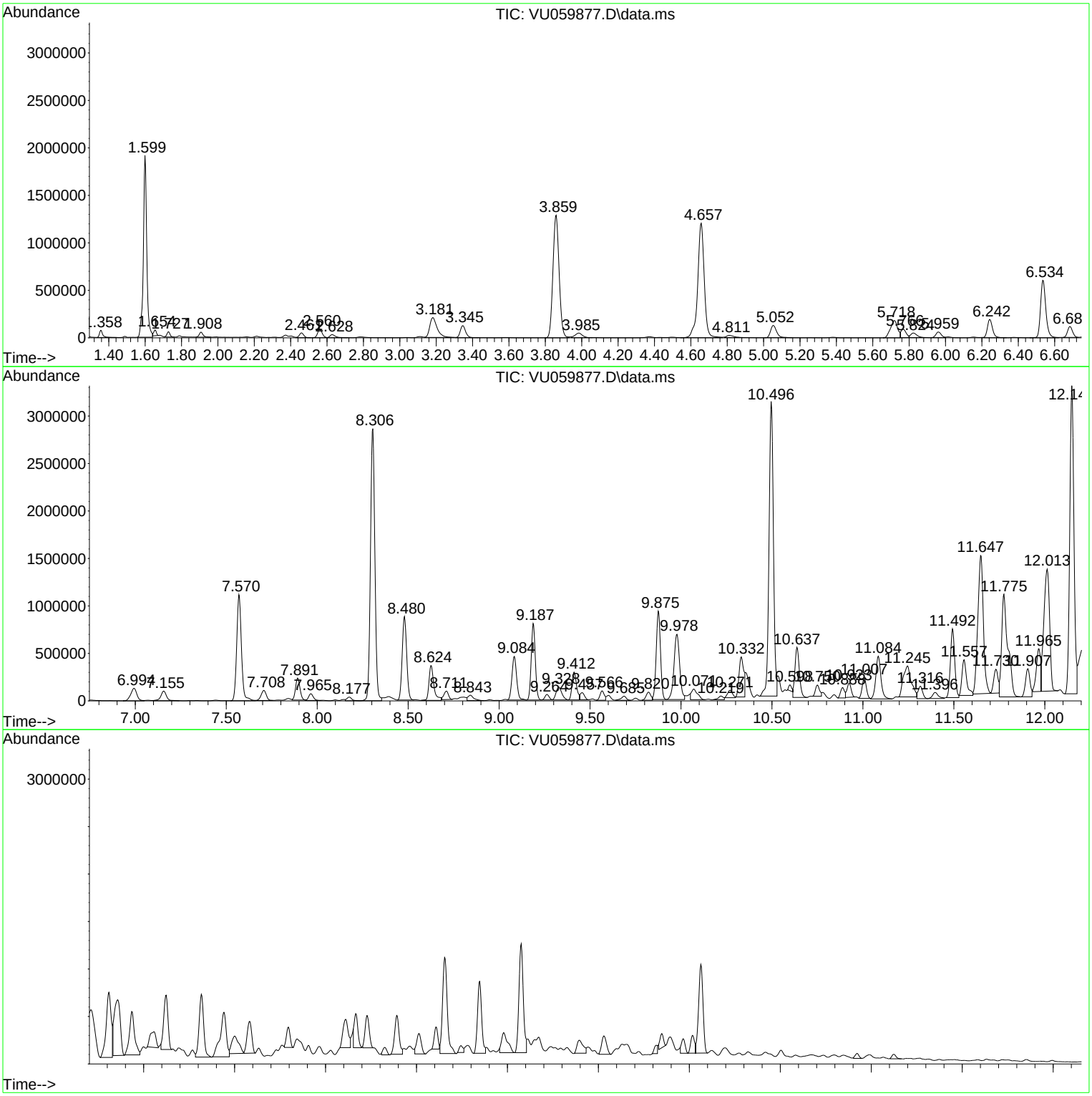
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

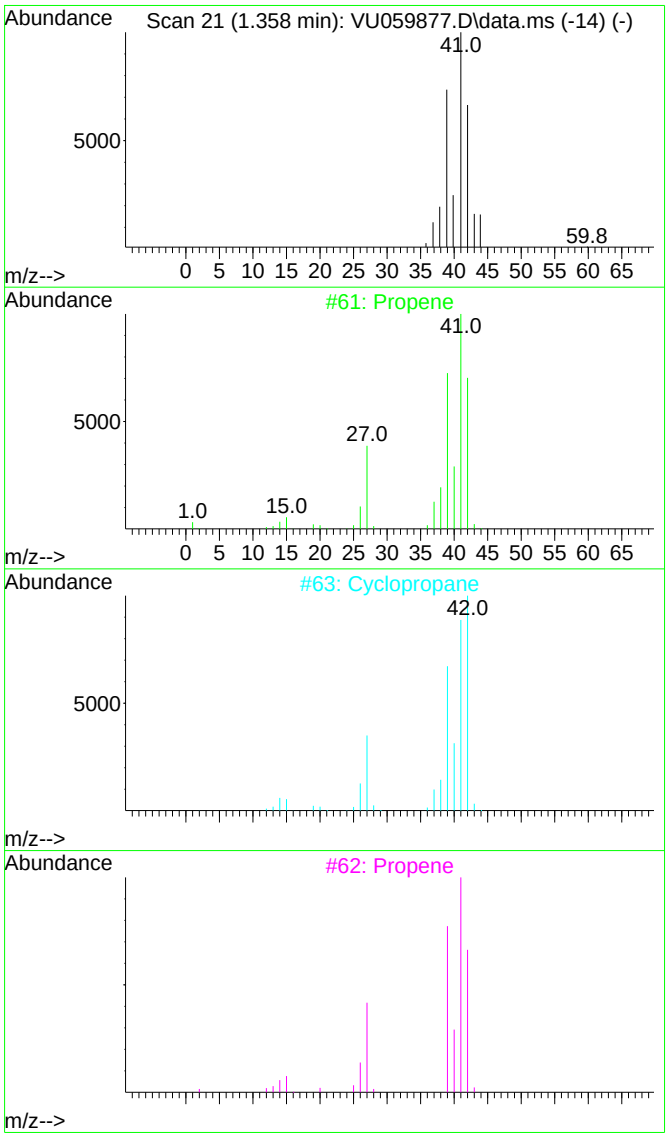
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

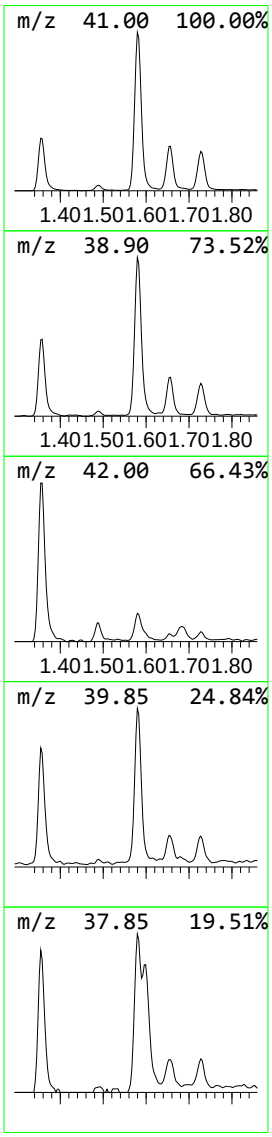
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	1.22 ug/L	91890	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	64
3	Propene	42	C3H6	000115-07-1	45
4	Cyclopropane	42	C3H6	000075-19-4	10
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

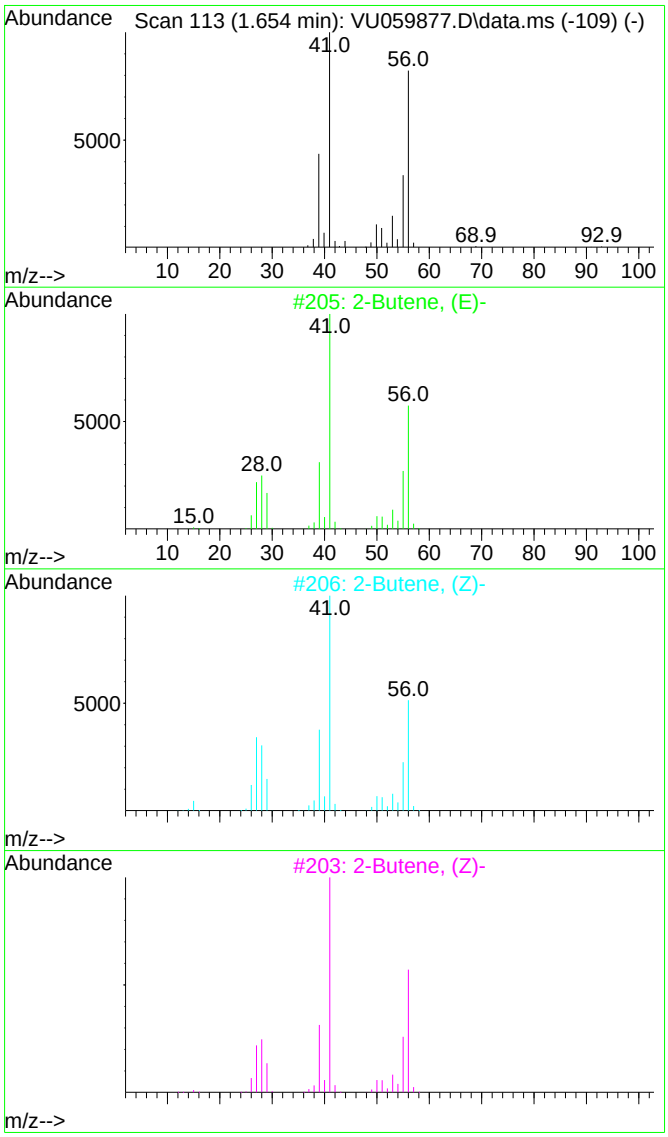
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

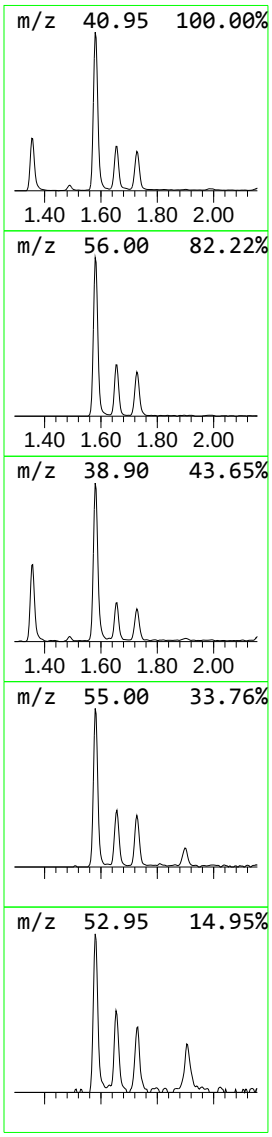
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.654	0.84 ug/L	63196	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (E)-	56	C4H8	000624-64-6	72
2	2-Butene, (Z)-	56	C4H8	000590-18-1	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	58
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	56
5	1-Butene	56	C4H8	000106-98-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

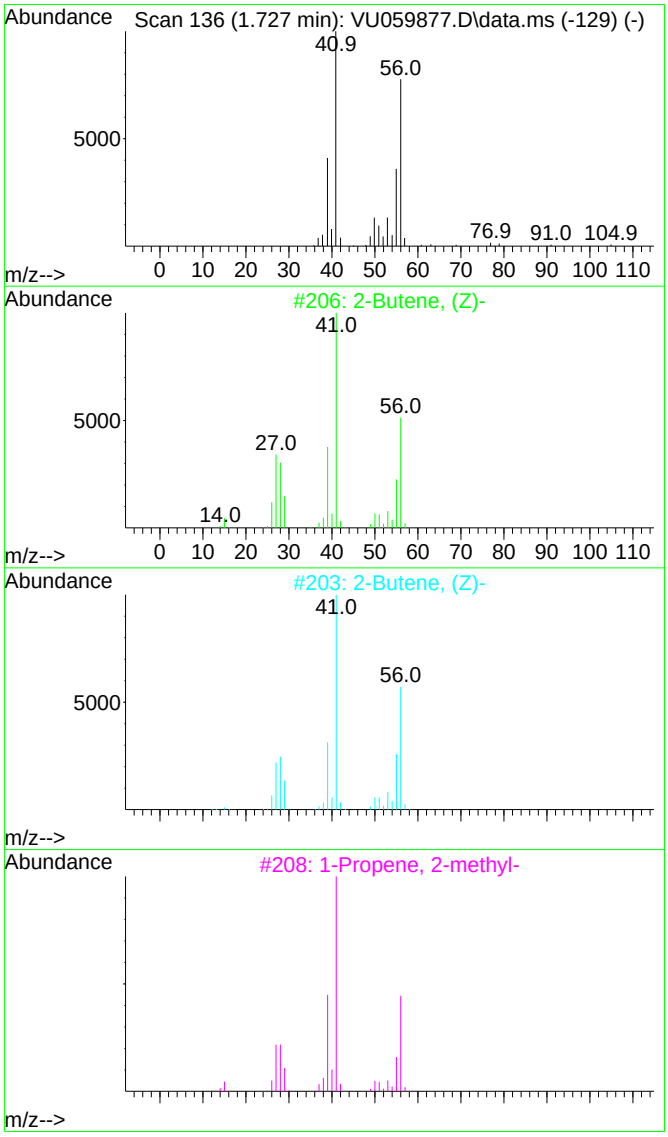
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

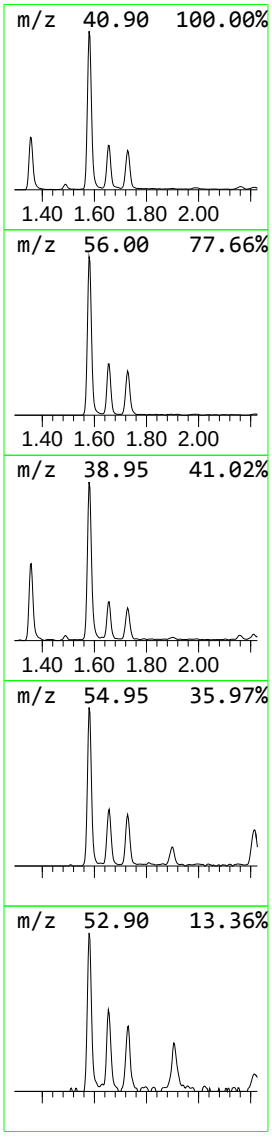
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.727	0.86 ug/L	65019	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	81
2	2-Butene, (Z)-	56	C4H8	000590-18-1	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	1-Butene	56	C4H8	000106-98-9	80
5	1-Butene	56	C4H8	000106-98-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

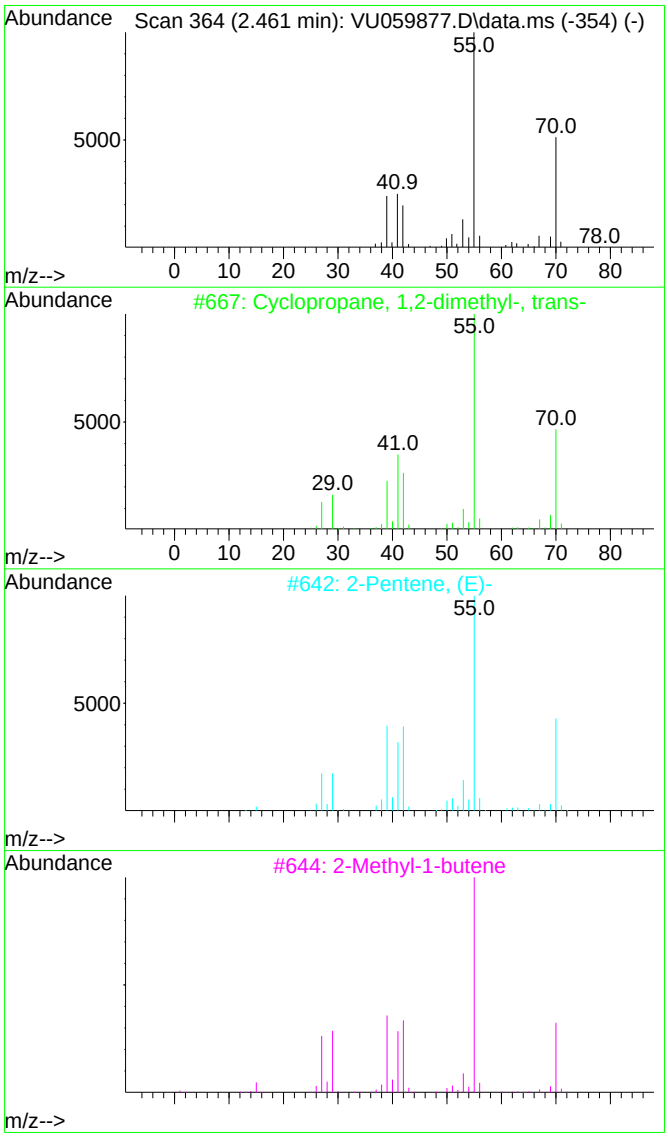
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

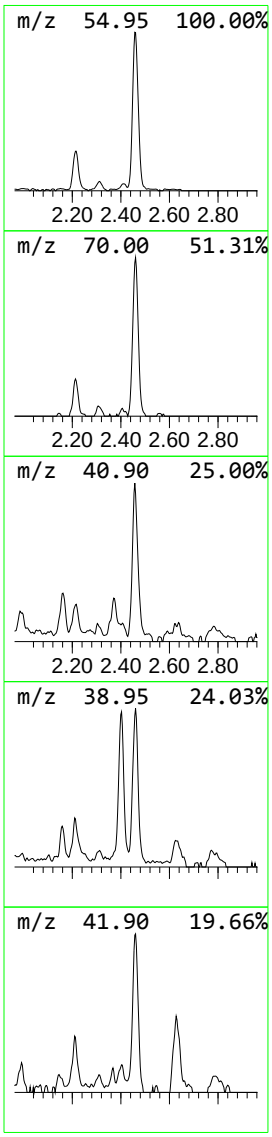
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.461 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.461	1.12 ug/L	84517	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	87
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

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

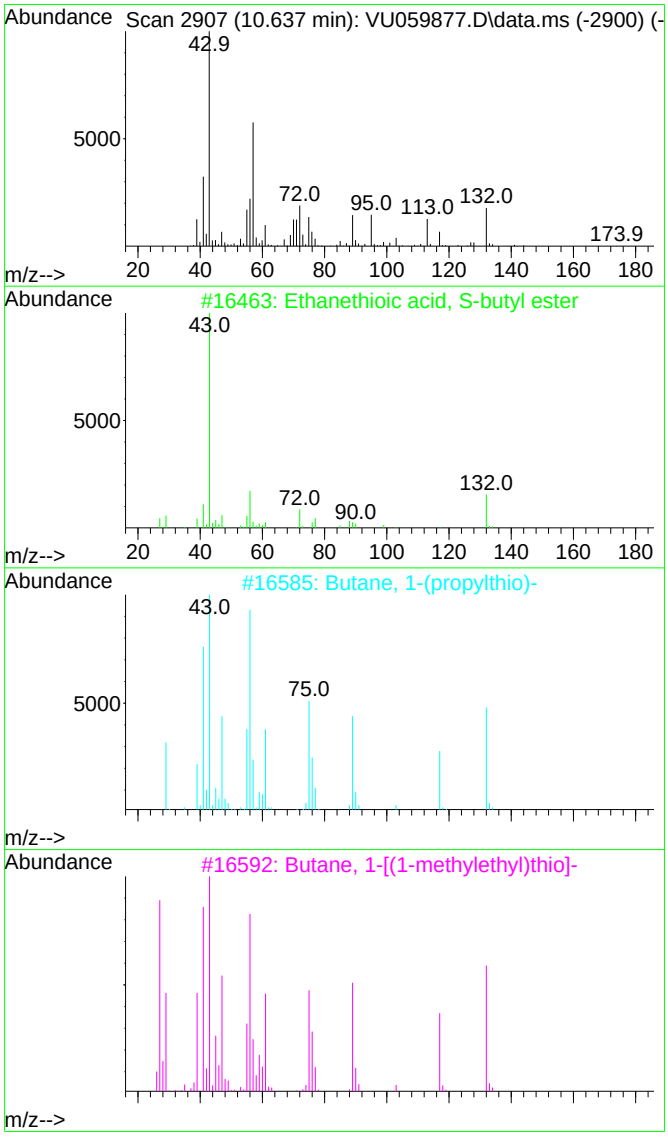
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

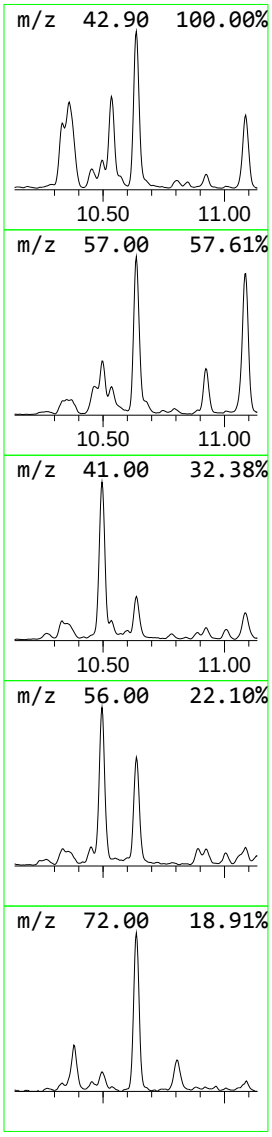
****

Peak Number 30 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.637	1.74 ug/L	891350	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethioic acid, S-butyl ester	132	C6H12OS	000928-47-2	38
2	Butane, 1-(propylthio)-	132	C7H16S	001613-46-3	38
3	Butane, 1-[(1-methylethyl)thio]-	132	C7H16S	007309-43-5	37
4	Propane, 2-methyl-2-[(1-methylet...	132	C7H16S	044657-76-3	27
5	Sulfide, isobutyl isopropyl	132	C7H16S	010359-65-6	25





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

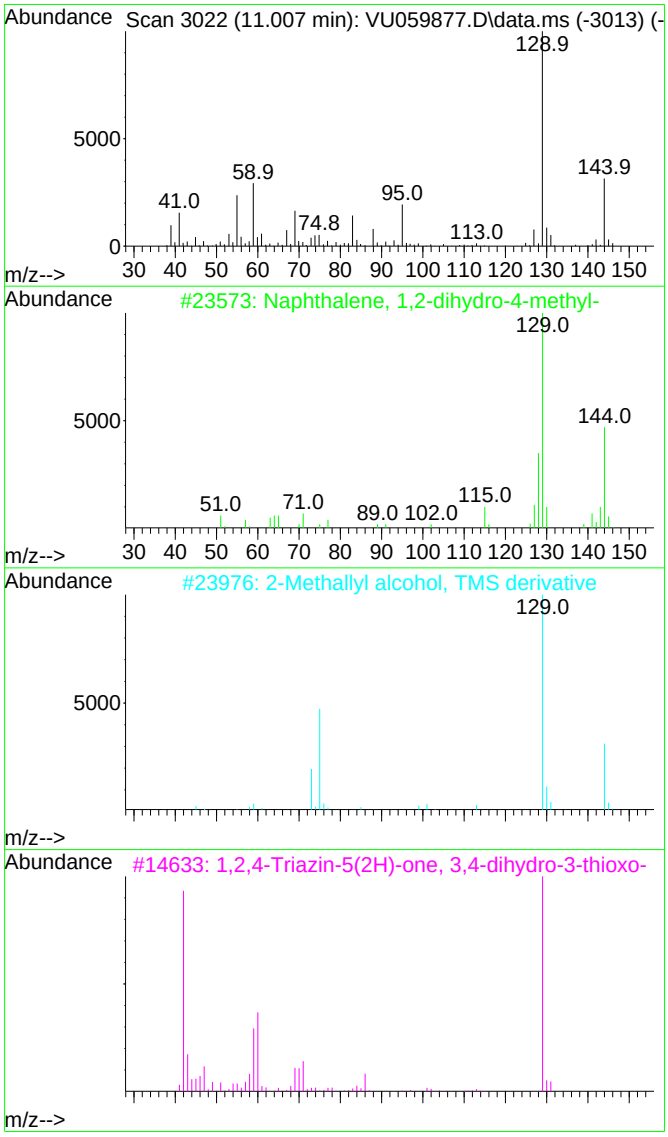
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

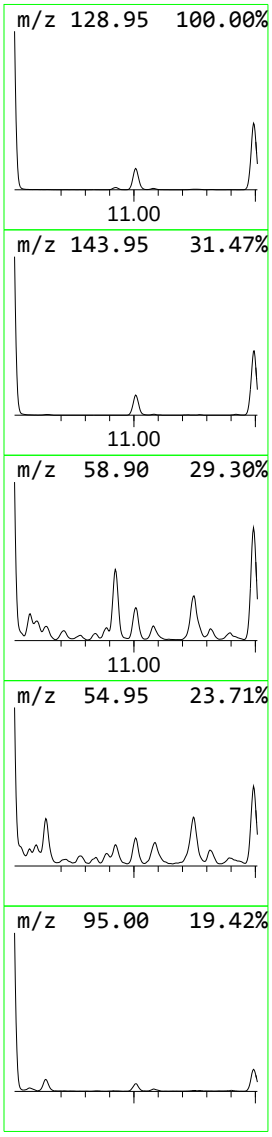
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.007	0.67 ug/L	342447	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	47
2	2-Methallyl alcohol, TMS derivative	144	C7H16OSi	025195-85-1	38
3	1,2,4-Triazin-5(2H)-one, 3,4-dih...	129	C3H3N3OS	000626-08-4	37
4	5-(2-Ethoxyethyl)-1,3,4-thiadiaz...	173	C6H11N3OS	299936-83-7	33
5	4,5-Dimethyl-1,3-oxazole-2-thiol	129	C5H7NOS	006670-14-0	32





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

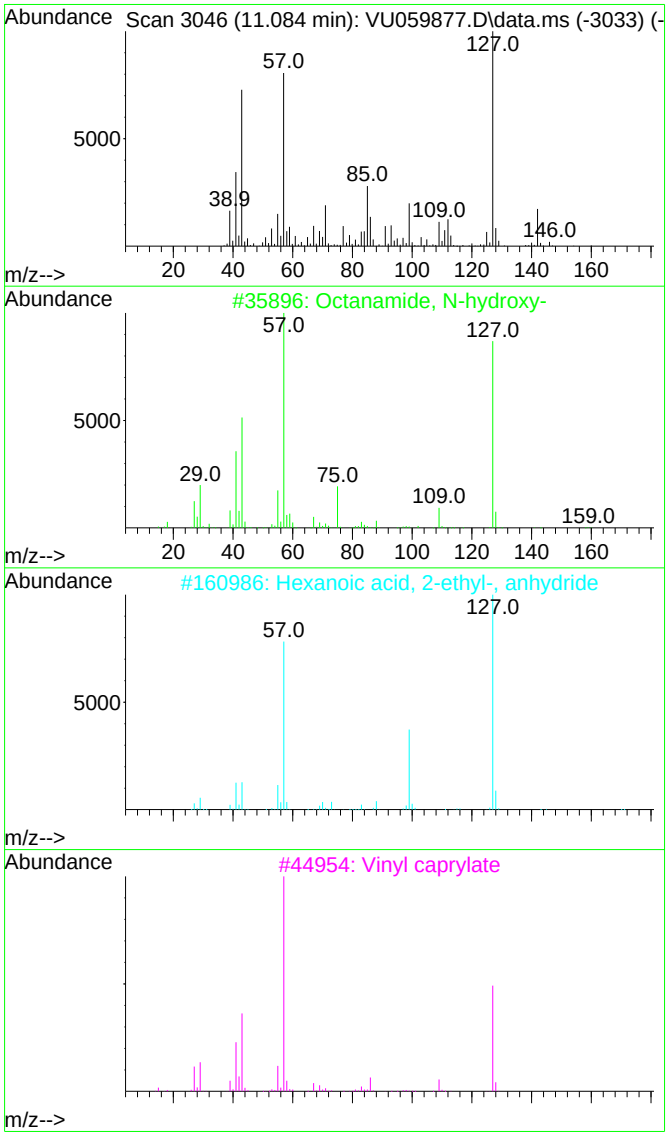
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

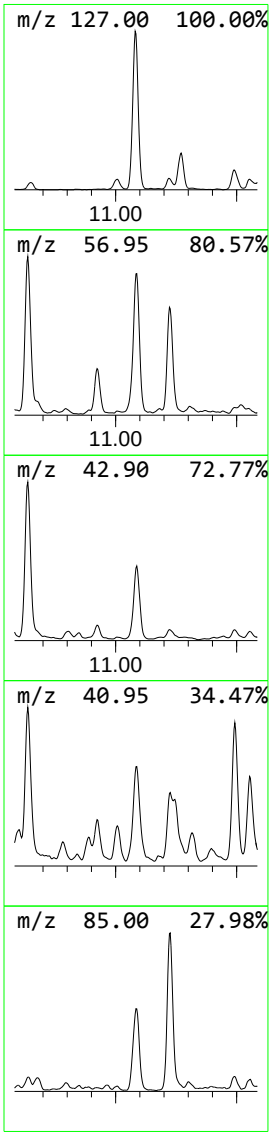
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Octanamide, N-hydroxy- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.084	1.72 ug/L	882245	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide, N-hydroxy-	159	C8H17NO2	007377-03-9	50
2	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	50
3	Vinyl caprylate	170	C10H18O2	000818-44-0	50
4	4-Nitrophenyl caprylate	265	C14H19NO4	001956-10-1	43
5	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

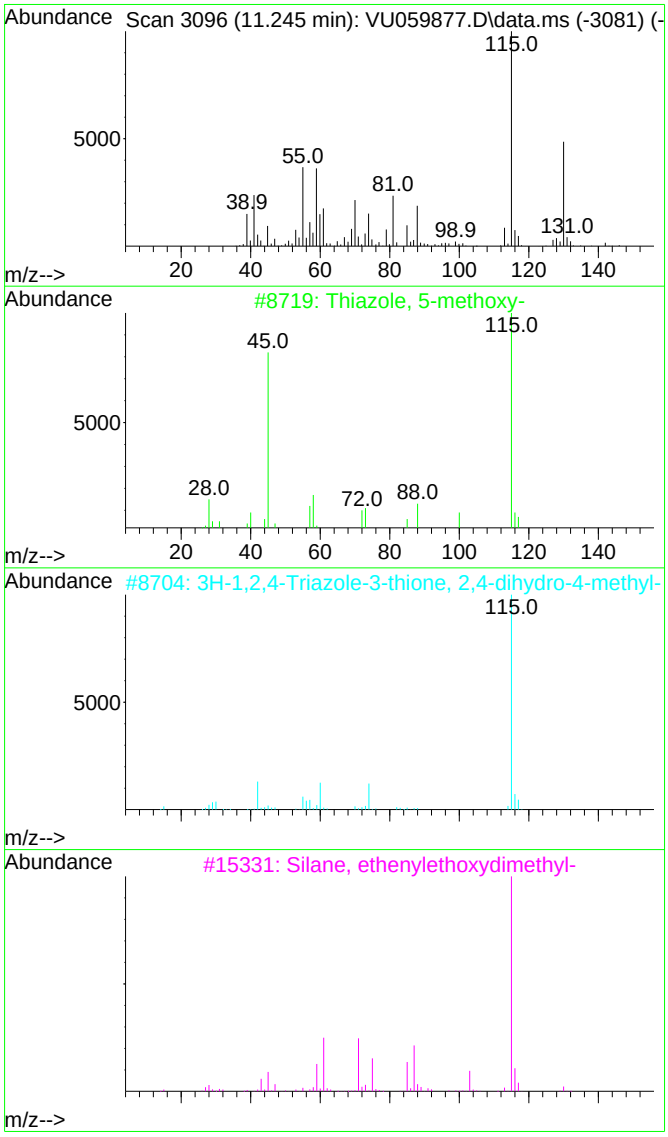
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

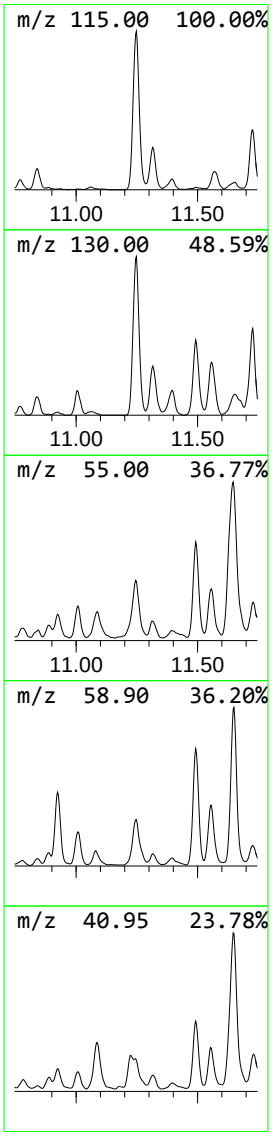
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	1.93 ug/L	992050	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 5-methoxy-	115	C4H5NOS	014542-14-4	38
2	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	38
3	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	37
4	Glutaric acid, hept-2-yl 3-methy...	344	C19H36O5	1000393-52-3	35
5	Butanedioic acid, dimethyl ester	146	C6H10O4	000106-65-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

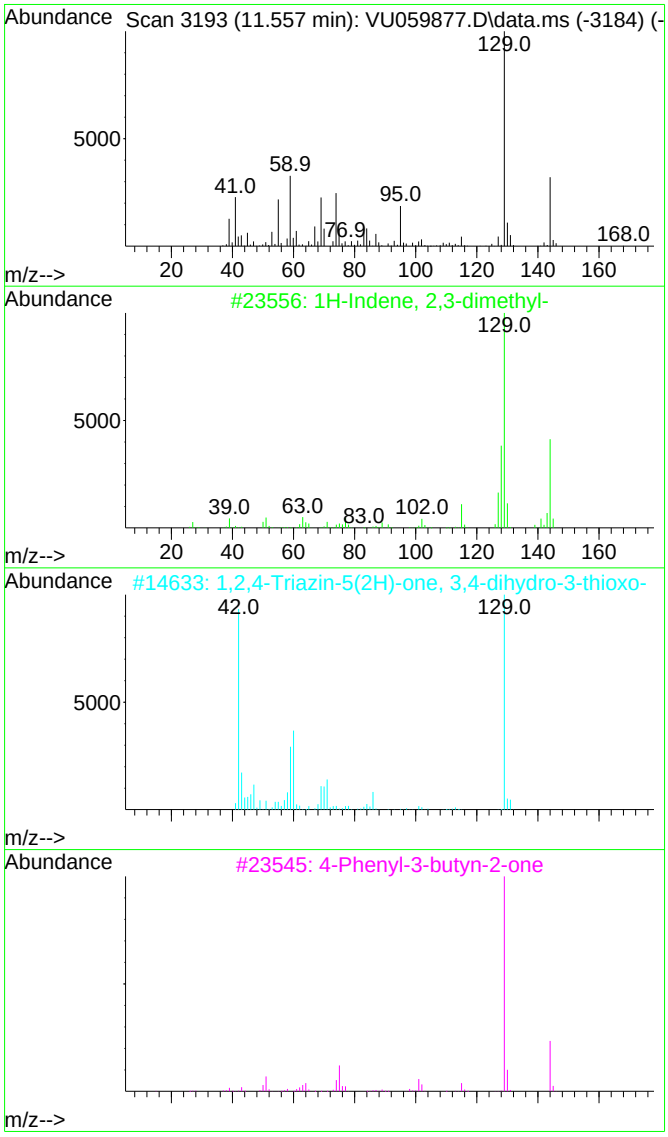
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

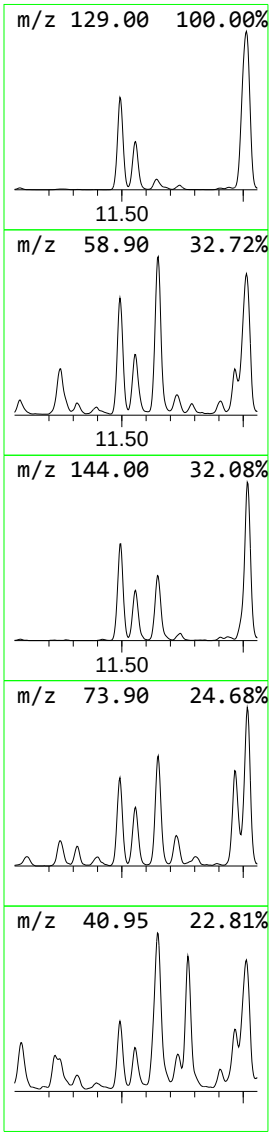
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	1.32 ug/L	678162	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	47
2	1,2,4-Triazin-5(2H)-one, 3,4-dih...	129	C3H3N3OS	000626-08-4	47
3	4-Phenyl-3-butyn-2-one	144	C10H8O	001817-57-8	47
4	1,3-Disilacyclobutane, 1,1,3,3-t...	144	C6H16Si2	001627-98-1	45
5	Borinic acid, (2-cyclohexylidene...	308	C18H37BOSi	074810-48-3	43





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

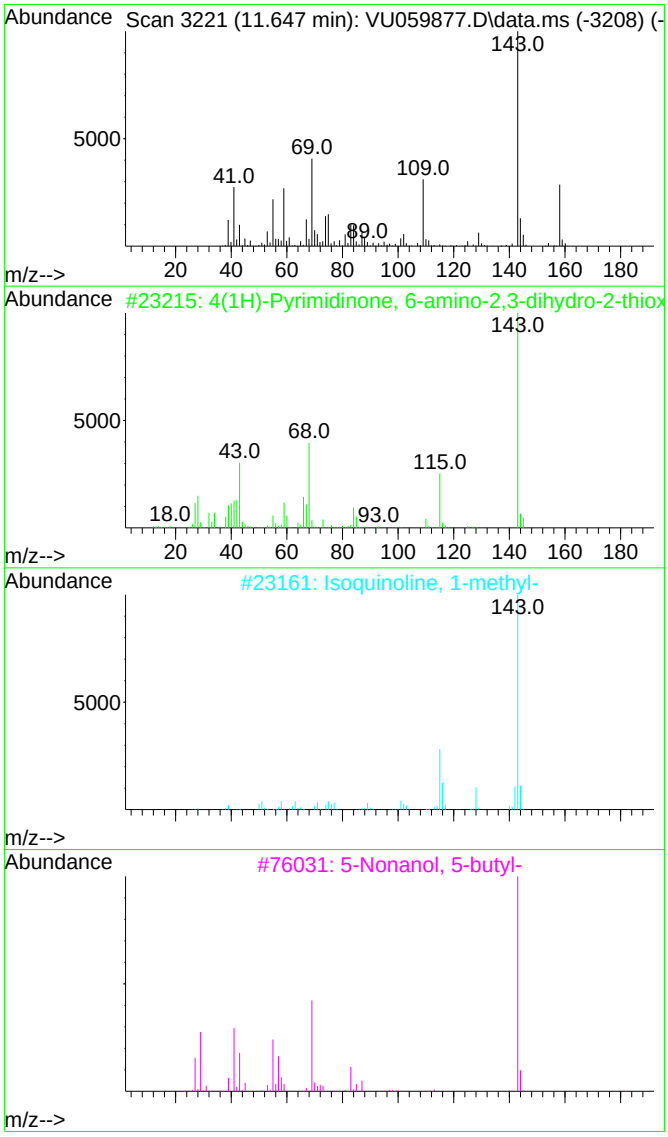
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

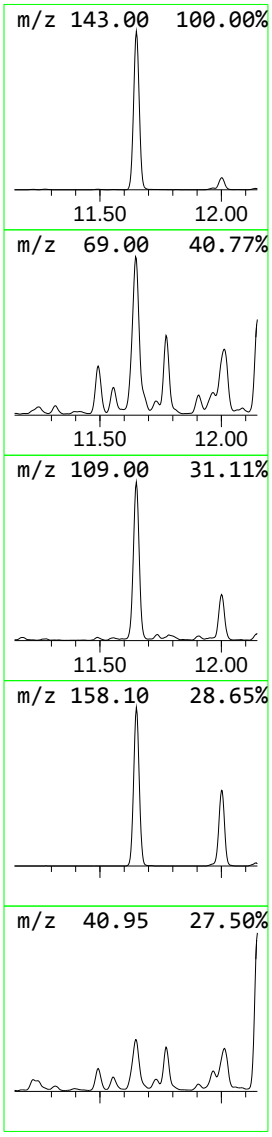
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.647	6.00 ug/L	3081000	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	47
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	43
3	5-Nonanol, 5-butyl-	200	C13H28O	000597-93-3	38
4	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	38
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

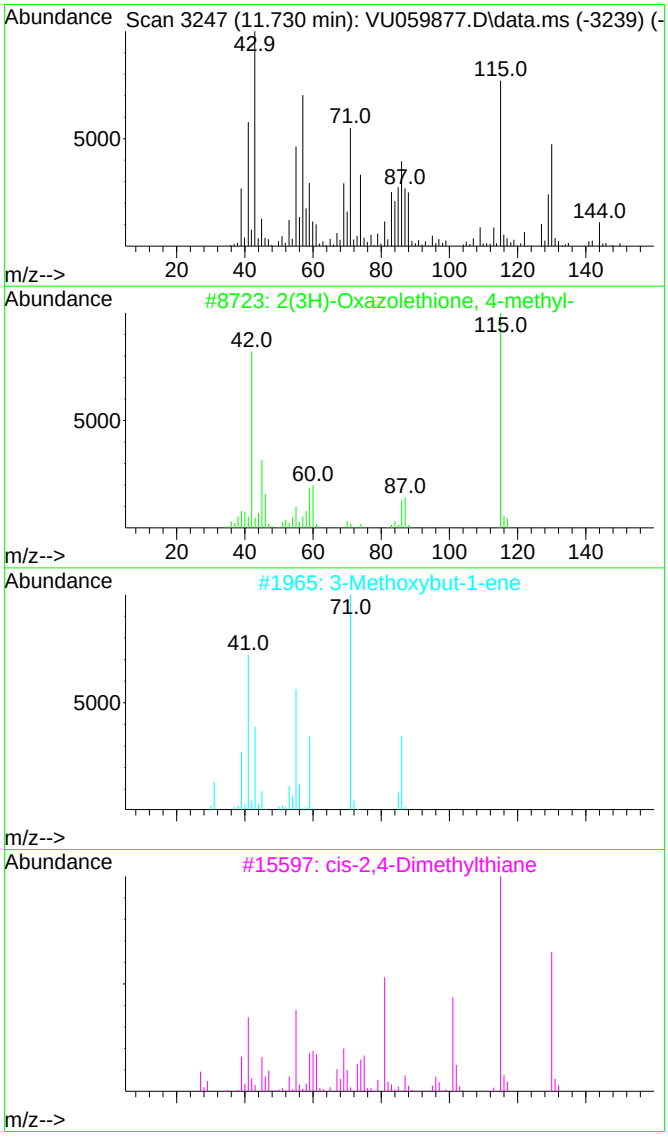
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

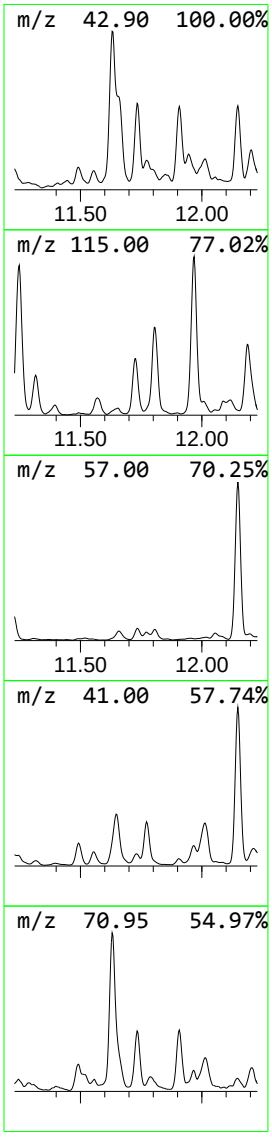
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 unknown-06 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.730	0.82 ug/L	421770	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	35
2	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	35
3	cis-2,4-Dimethylthiane	130	C7H14S	061568-43-2	30
4	2,5-Pyrrolidinedione, 1-hydroxy-	115	C4H5NO3	006066-82-6	22
5	2,6-Difluoropyridine	115	C5H3F2N	001513-65-1	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

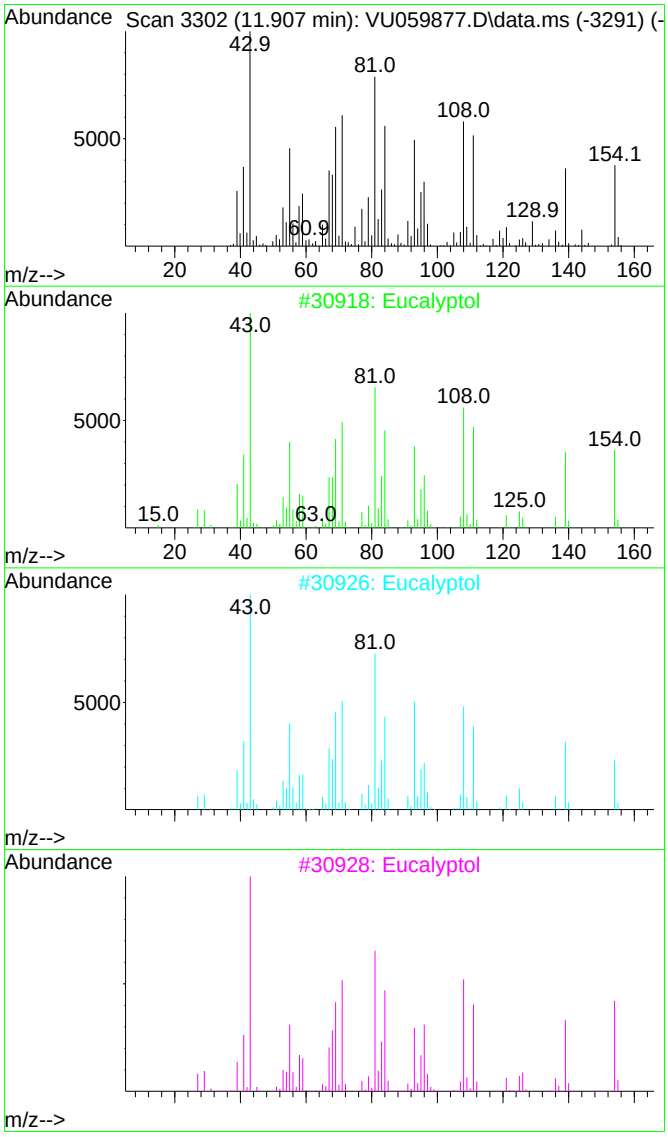
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

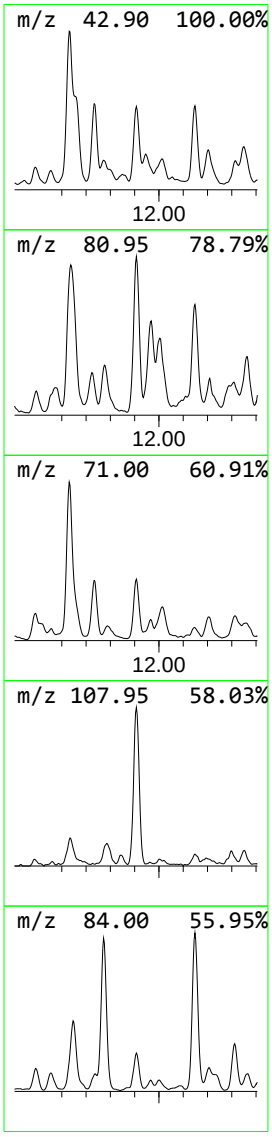
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Eucalyptol Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.907	0.99 ug/L	508760	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	91
3	Eucalyptol	154	C10H18O	000470-82-6	91
4	Eucalyptol	154	C10H18O	000470-82-6	89
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

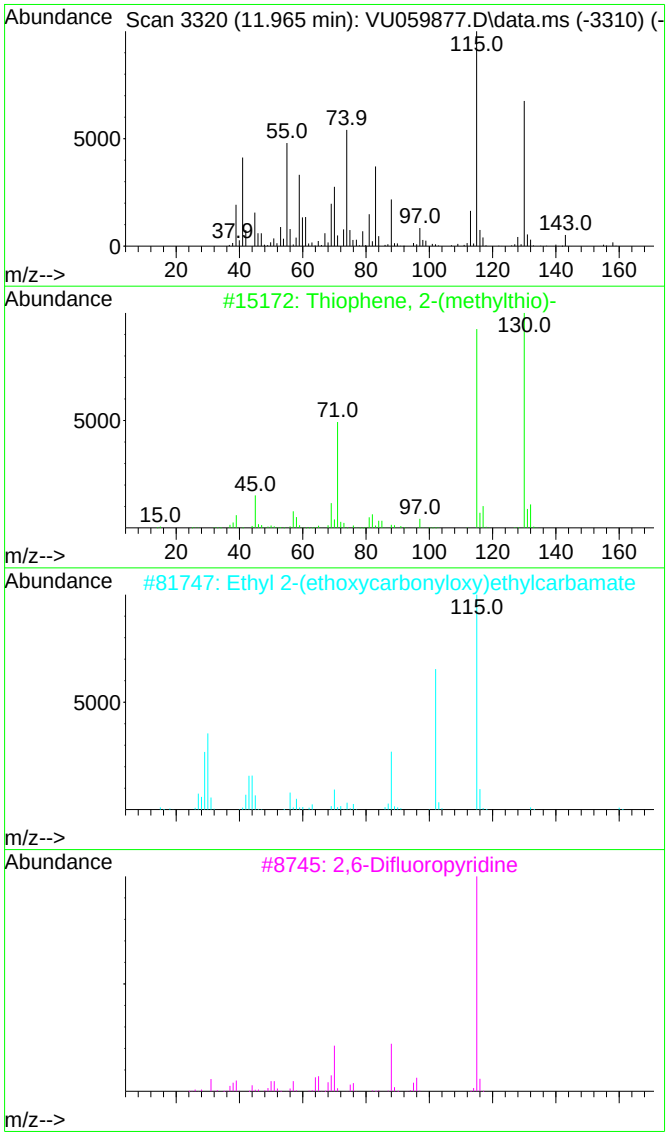
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

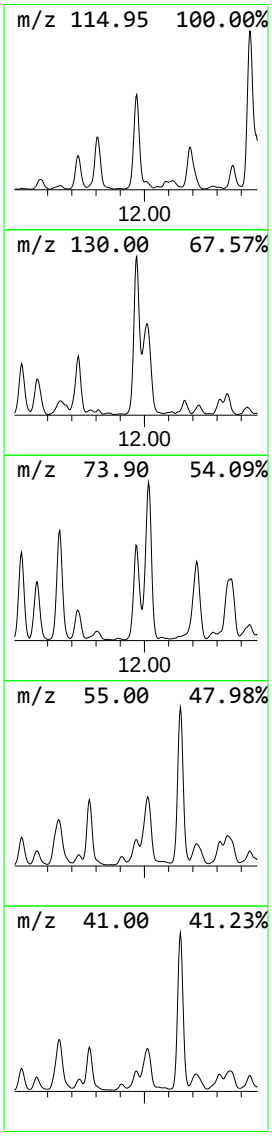
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.965	1.39 ug/L	715322	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(methylthio)-	130	C5H6S2	005780-36-9	38
2	Ethyl 2-(ethoxycarbonyloxy)ethyl...	205	C8H15NO5	1000373-79-0	27
3	2,6-Difluoropyridine	115	C5H3F2N	001513-65-1	27
4	cis-2,4-Dimethylthiane	130	C7H14S	061568-43-2	27
5	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

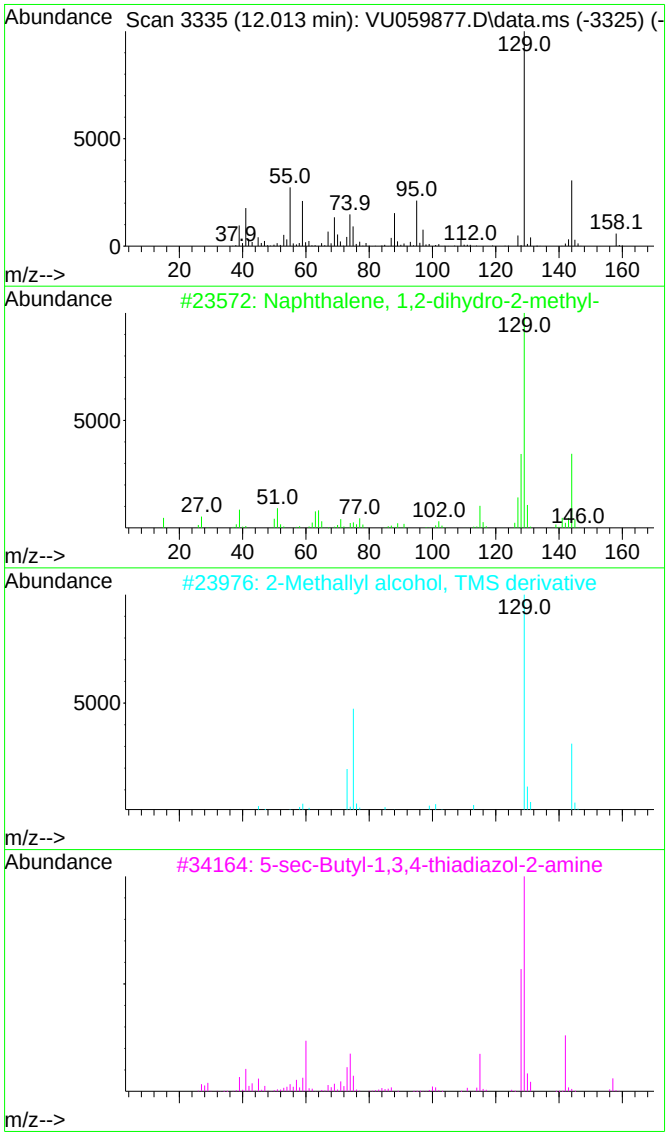
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

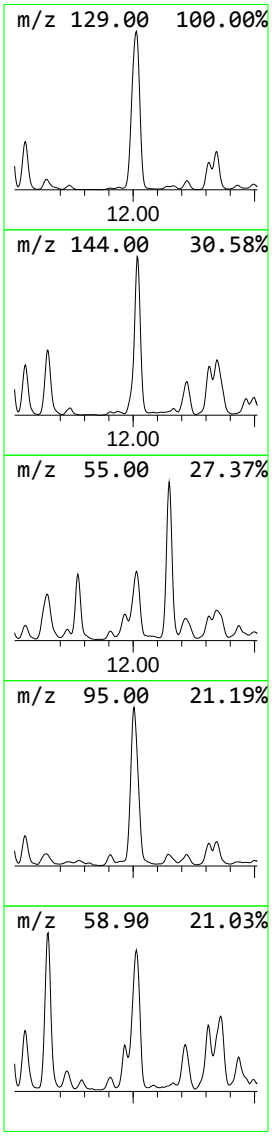
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.013	5.43 ug/L	2789560	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	25
2	2-Methallyl alcohol, TMS derivative	144	C7H16OSi	025195-85-1	25
3	5-sec-Butyl-1,3,4-thiadiazol-2-a...	157	C6H11N3S	062492-20-0	23
4	Goitrin	129	C5H7NOS	000500-12-9	23
5	1,3-Disilacyclobutane, 1,1,3,3-t...	144	C6H16Si2	001627-98-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

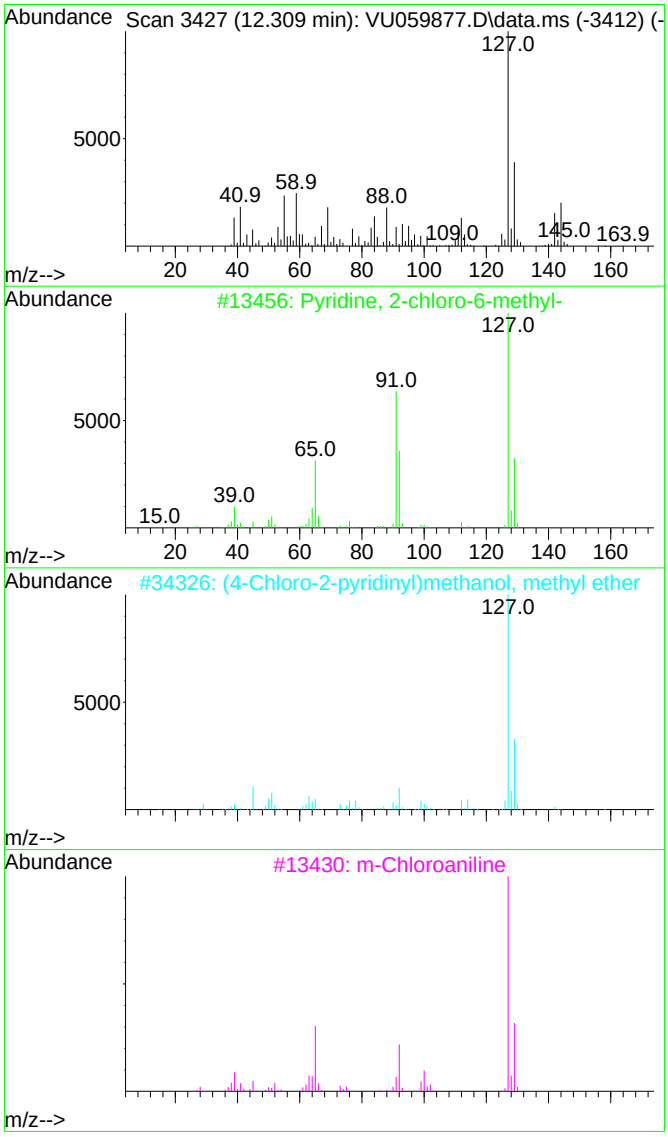
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

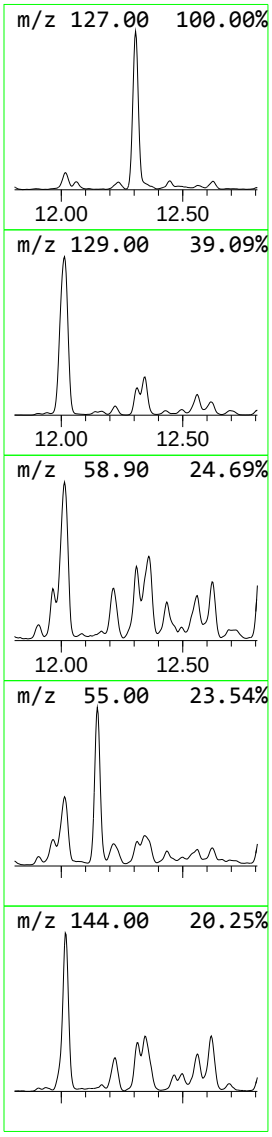
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 unknown-09 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.309	2.57 ug/L	1317620	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-chloro-6-methyl-	127	C6H6ClN	018368-63-3	47
2	(4-Chloro-2-pyridinyl)methanol, ...	157	C7H8ClNO	315493-76-6	47
3	m-Chloroaniline	127	C6H6ClN	000108-42-9	46
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	46
5	o-Chloroaniline	127	C6H6ClN	000095-51-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

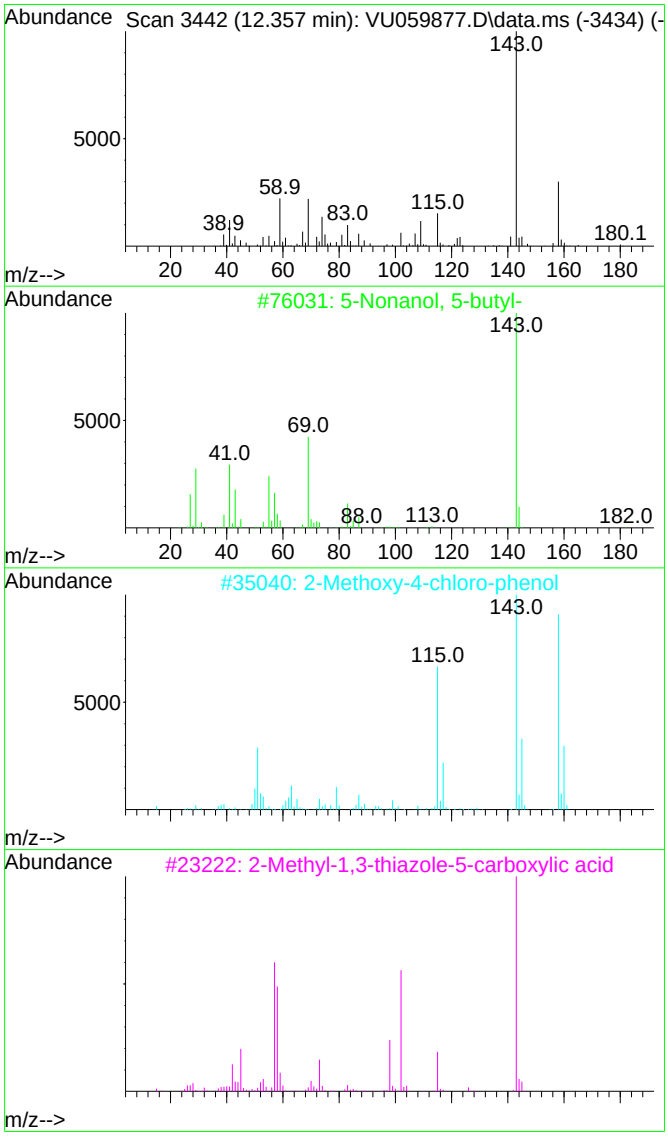
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

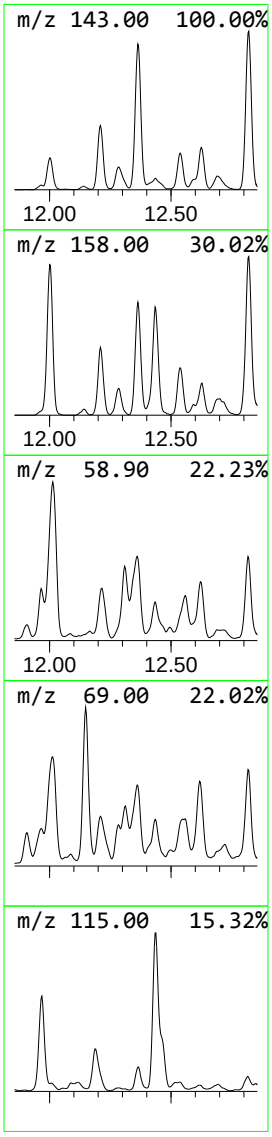
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	2.59 ug/L	1330670	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanol, 5-butyl-	200	C13H28O	000597-93-3	23
2	2-Methoxy-4-chloro-phenol	158	C7H7ClO2	016766-30-6	9
3	2-Methyl-1,3-thiazole-5-carboxyl...	143	C5H5NO2S	040004-69-1	9
4	1H-Pyrazole, 5-chloro-1-methyl-3...	158	C7H11ClN2	1000319-90-4	9
5	acetamide, N-[3-methyl-2-thiazol...	158	C6H10N2OS	1000404-35-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

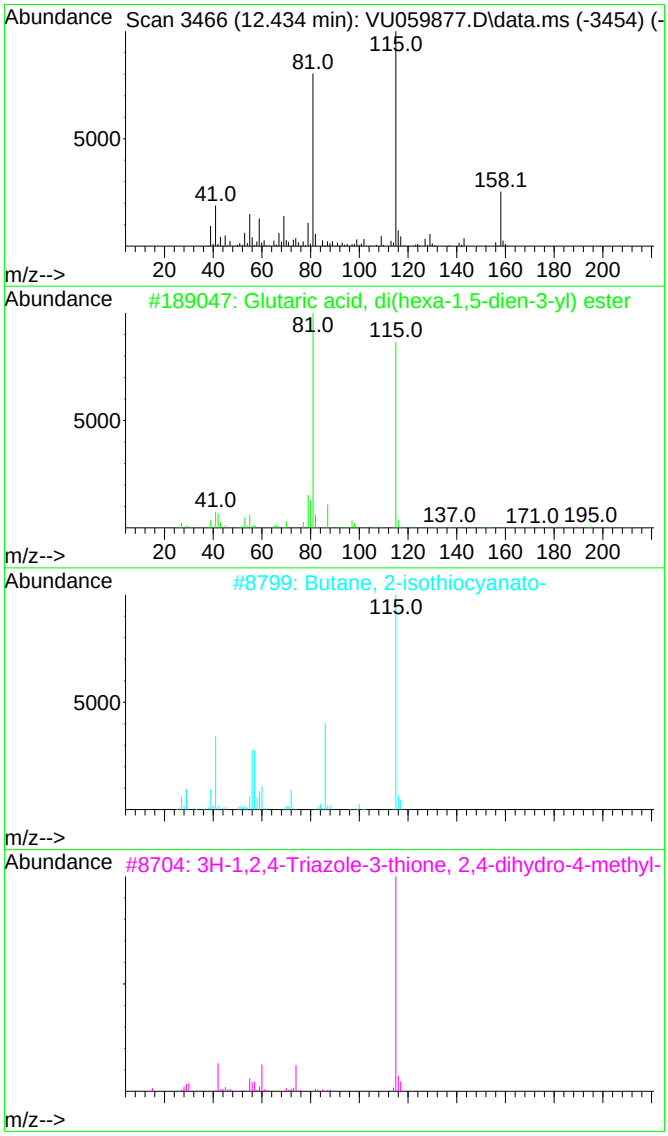
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

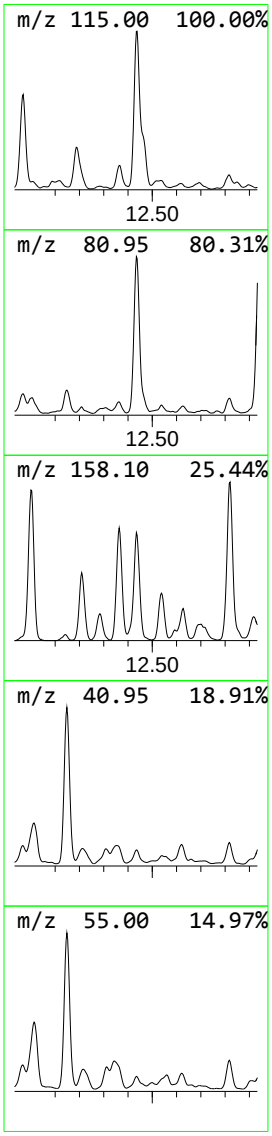
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 unknown-11 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.434	1.76 ug/L	904457	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, di(hexa-1,5-dien-...	292	C17H24O4	1000405-29-2	45
2	Butane, 2-isothiocyanato-	115	C5H9NS	004426-79-3	35
3	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	27
4	1-Methyloctyl methylphosphonochl...	240	C10H22ClO2P	1000510-52-6	27
5	2-Piperidinethione	115	C5H9NS	013070-01-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

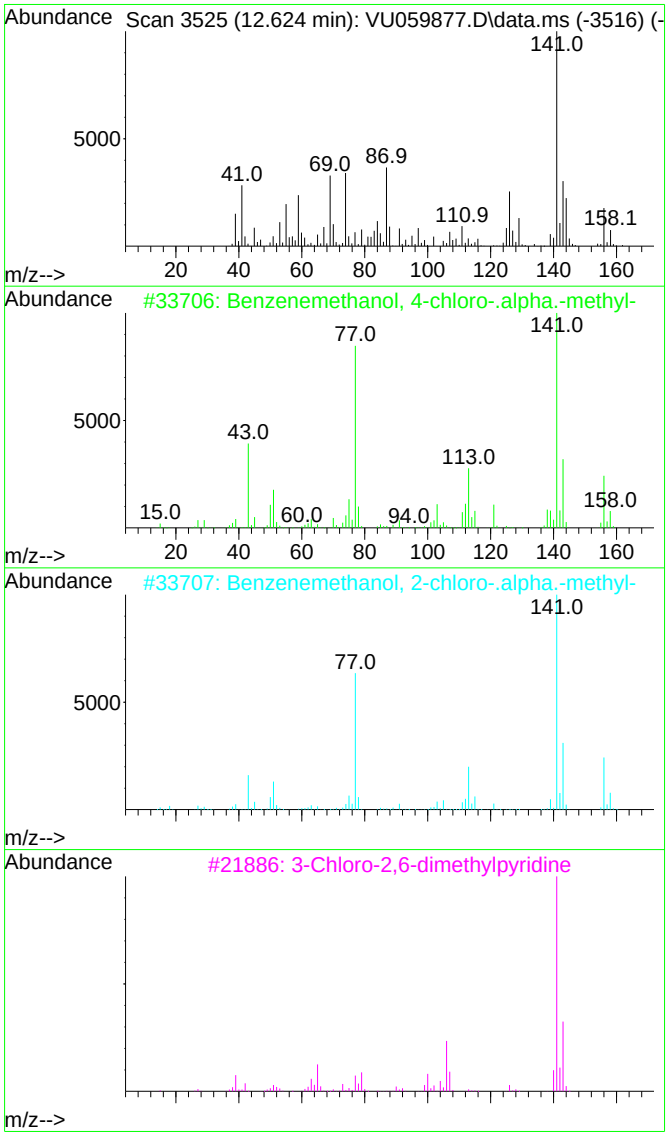
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

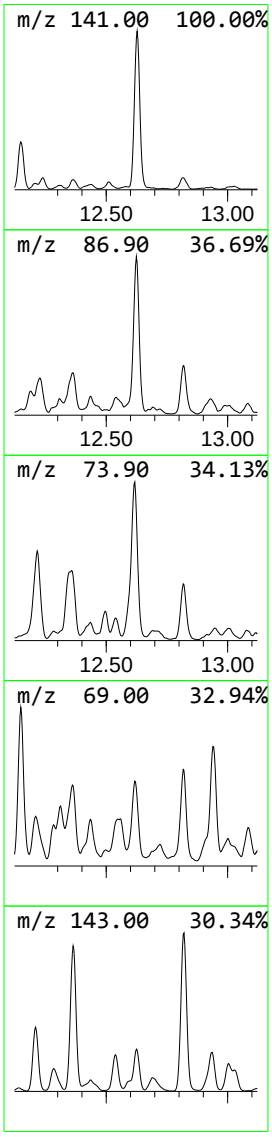
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 unknown-12 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.624	1.84 ug/L	945875	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	49
2	Benzenemethanol, 2-chloro-.alpha...	156	C8H9ClO	013524-04-4	43
3	3-Chloro-2,6-dimethylpyridine	141	C7H8ClN	002405-06-3	38
4	5-Methylthiopyridin-2-ol	141	C6H7NOS	018108-72-0	38
5	Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	38





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

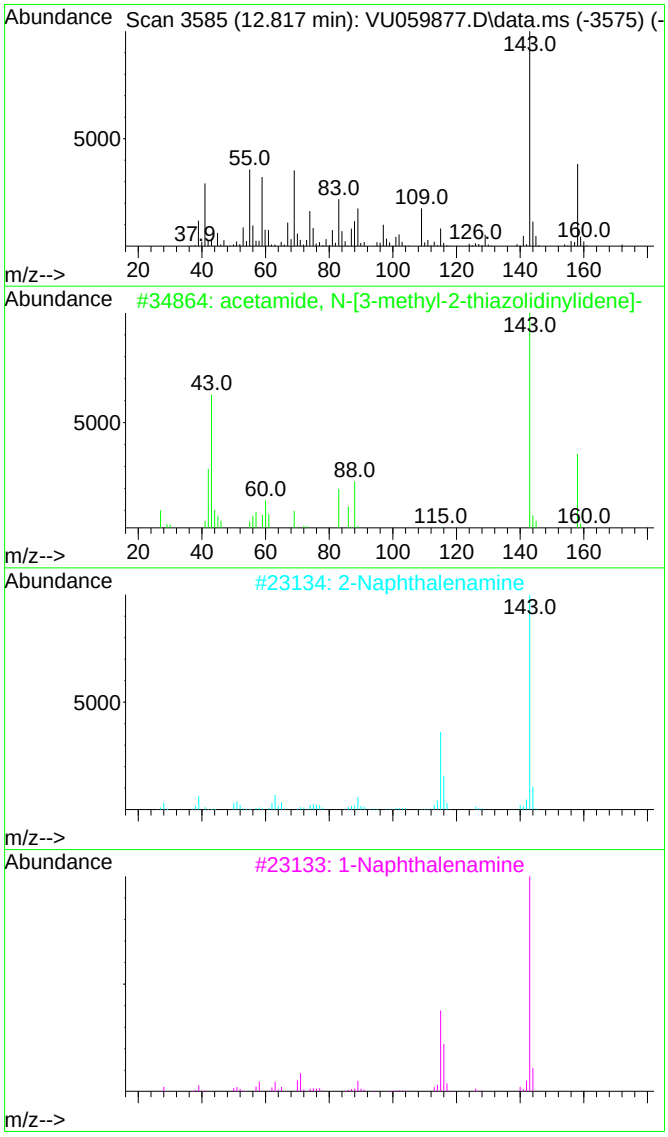
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

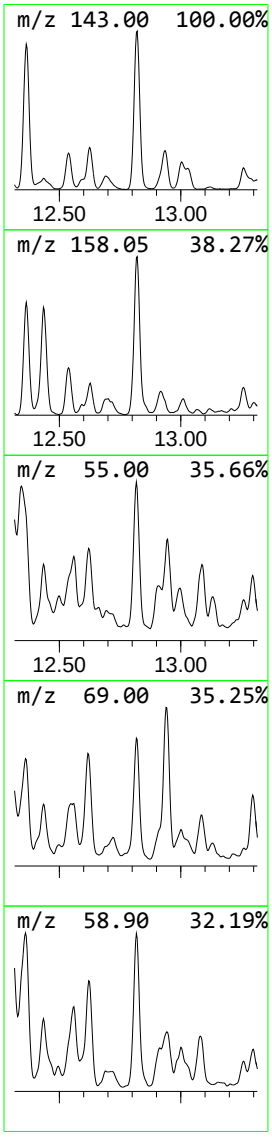
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 unknown-13 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	2.23 ug/L	1143600	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	acetamide, N-[3-methyl-2-thiazol...	158	C6H10N2OS	1000404-35-8	45
2	2-Naphthalenamine	143	C10H9N	000091-59-8	43
3	1-Naphthalenamine	143	C10H9N	000134-32-7	38
4	3,5-Pyridinedicarbonitrile, 2-me...	143	C8H5N3	004523-28-8	38
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

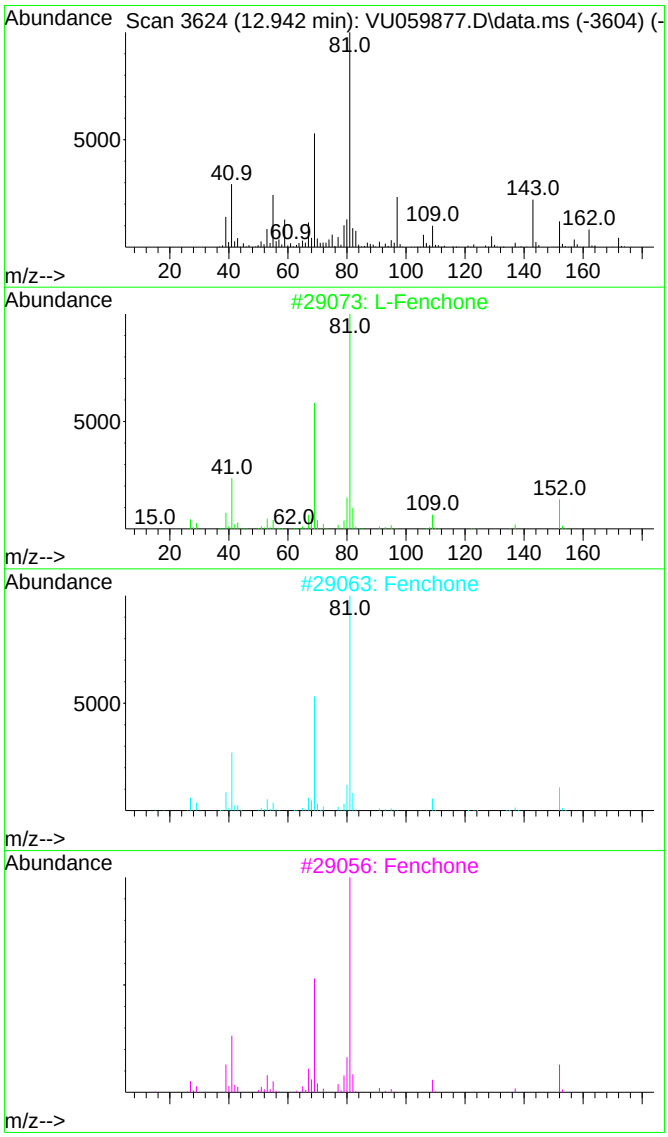
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

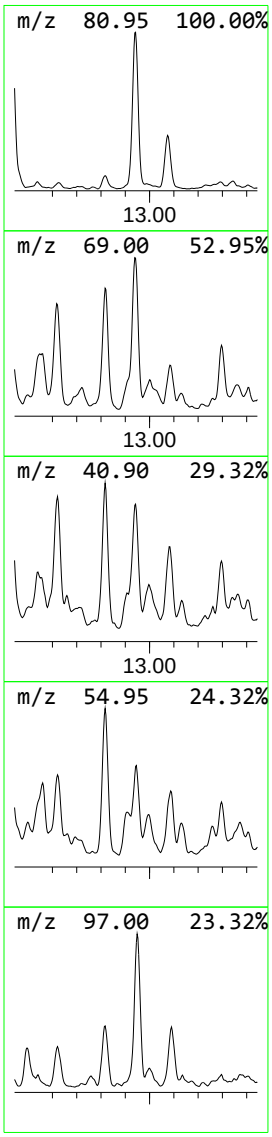
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 L-Fenchone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.943	2.18 ug/L	1121540	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	90
2	Fenchone	152	C10H16O	001195-79-5	60
3	Fenchone	152	C10H16O	001195-79-5	60
4	L-Fenchone	152	C10H16O	007787-20-4	60
5	D-Fenchone	152	C10H16O	004695-62-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

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

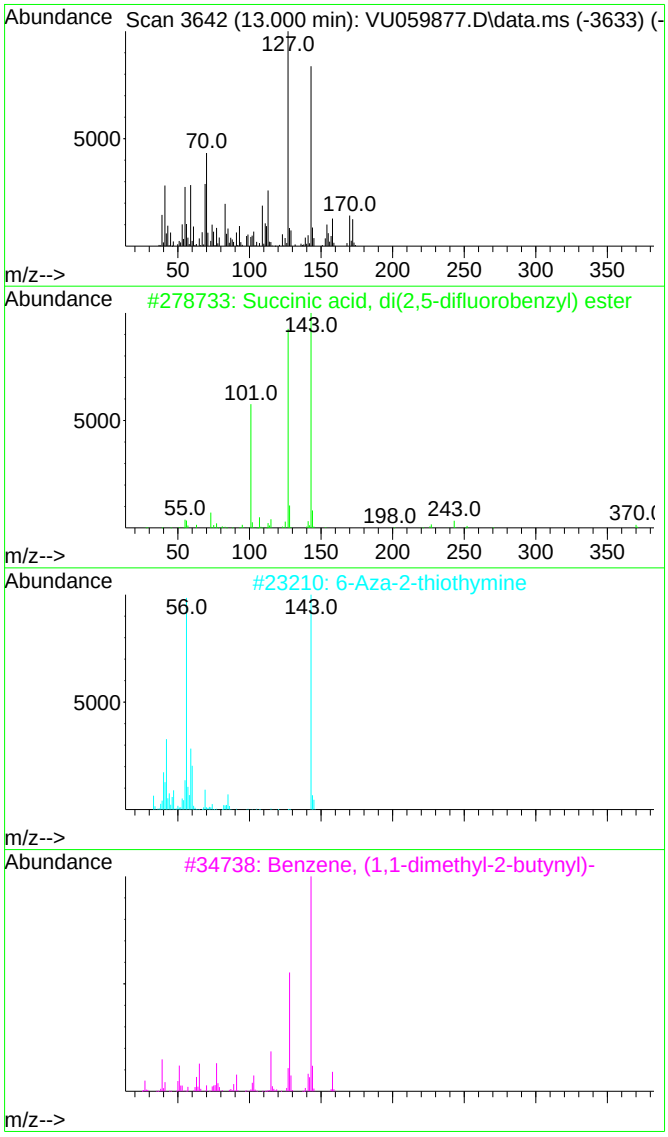
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

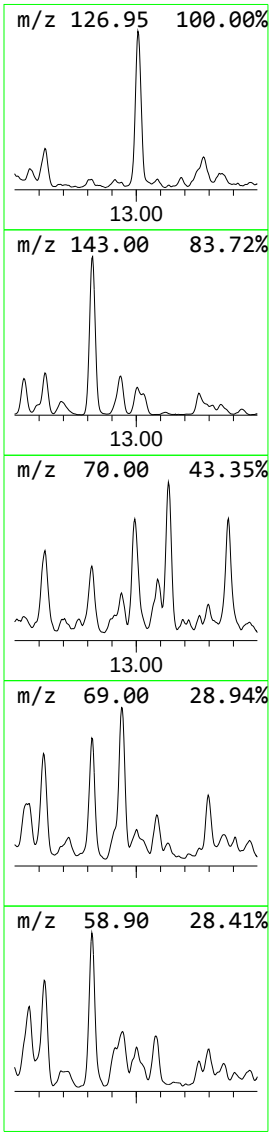
****

Peak Number 47 unknown-14 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.000	0.98 ug/L	501380	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(2,5-difluorobe...	370	C18H14F4O4	1000381-23-3	43
2	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	22
3	Benzene, (1,1-dimethyl-2-butynyl)-	158	C12H14	001007-91-6	18
4	Tetramethylcyclopropane-1-carbox...	142	C8H14O2	015641-58-4	14
5	2-Fluoro-5-methoxypyridine	127	C6H6FNO	136888-79-4	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

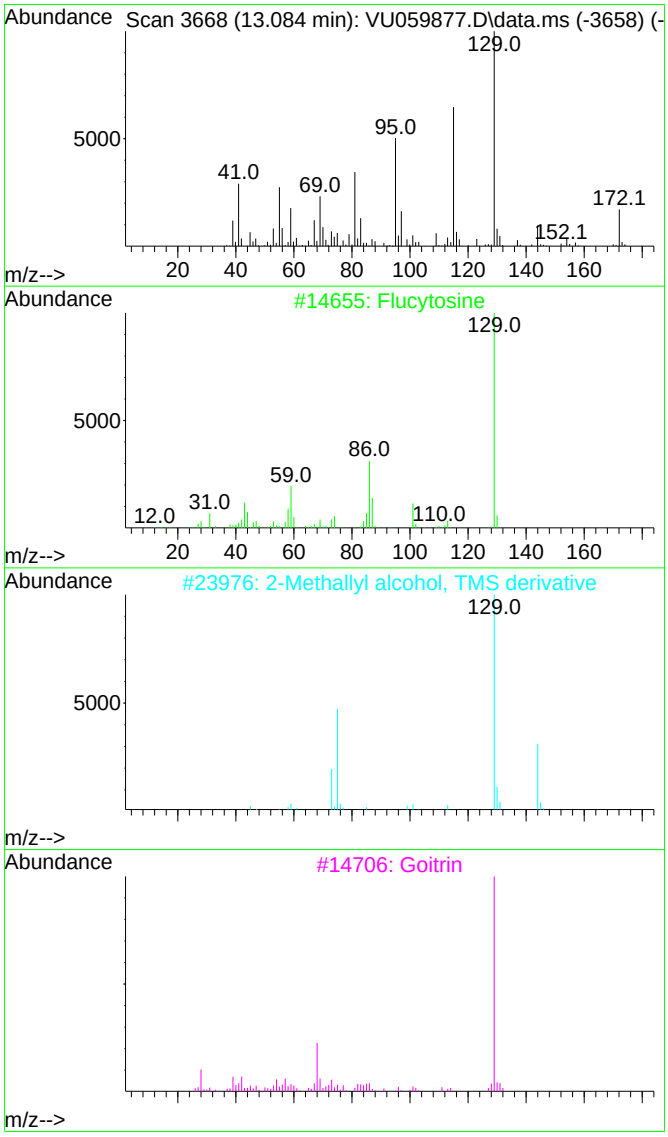
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

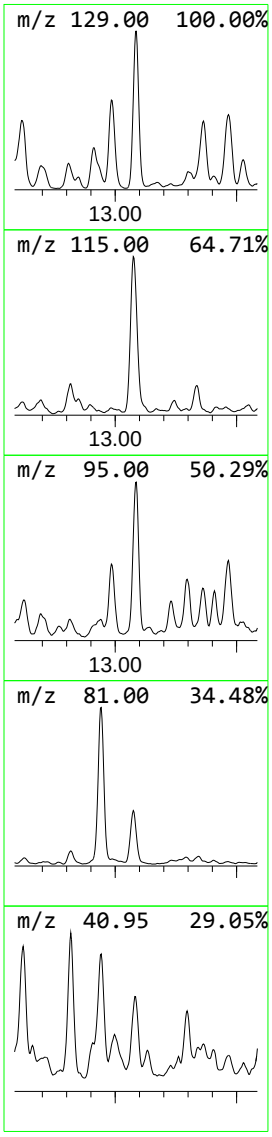
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 unknown-15 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.084	1.16 ug/L	596543	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Flucytosine	129	C4H4FN3O	002022-85-7	38
2	2-Methallyl alcohol, TMS derivative	144	C7H16OSi	025195-85-1	38
3	Goitrin	129	C5H7NOS	000500-12-9	35
4	Flucytosine	129	C4H4FN3O	002022-85-7	27
5	2-Heptenoic acid, heptadecyl ester	366	C24H46O2	1000406-10-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

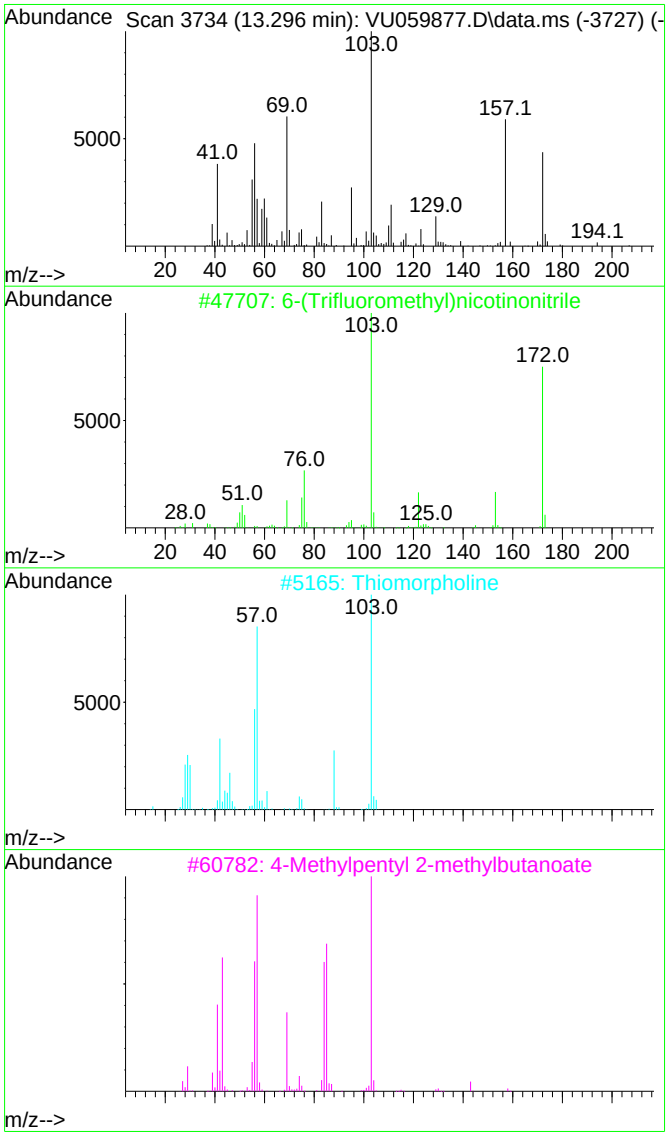
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

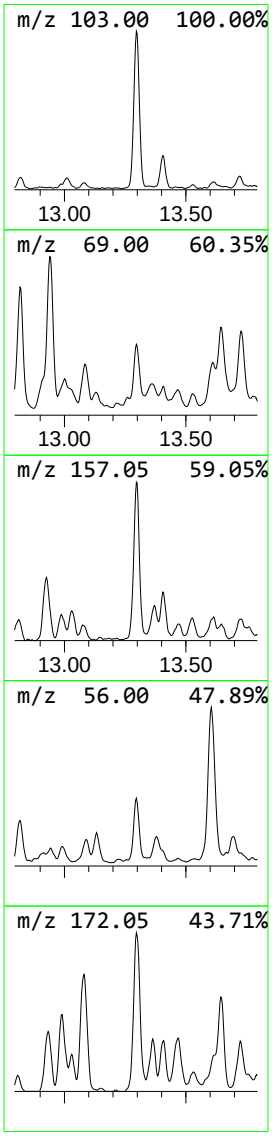
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 unknown-16 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.296	0.58 ug/L	300171	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(Trifluoromethyl)nicotinonitrile	172	C7H3F3N2	216431-85-5	16
2	Thiomorpholine	103	C4H9NS	000123-90-0	16
3	4-Methylpentyl 2-methylbutanoate	186	C11H22O2	035852-40-5	12
4	2-Propanone, 1-(5-methyl-3H-1,2-...	172	C7H8OS2	001005-55-6	10
5	1,3-Oxathiolane, 2-methyl-2-isop...	146	C7H14OS	016047-98-6	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

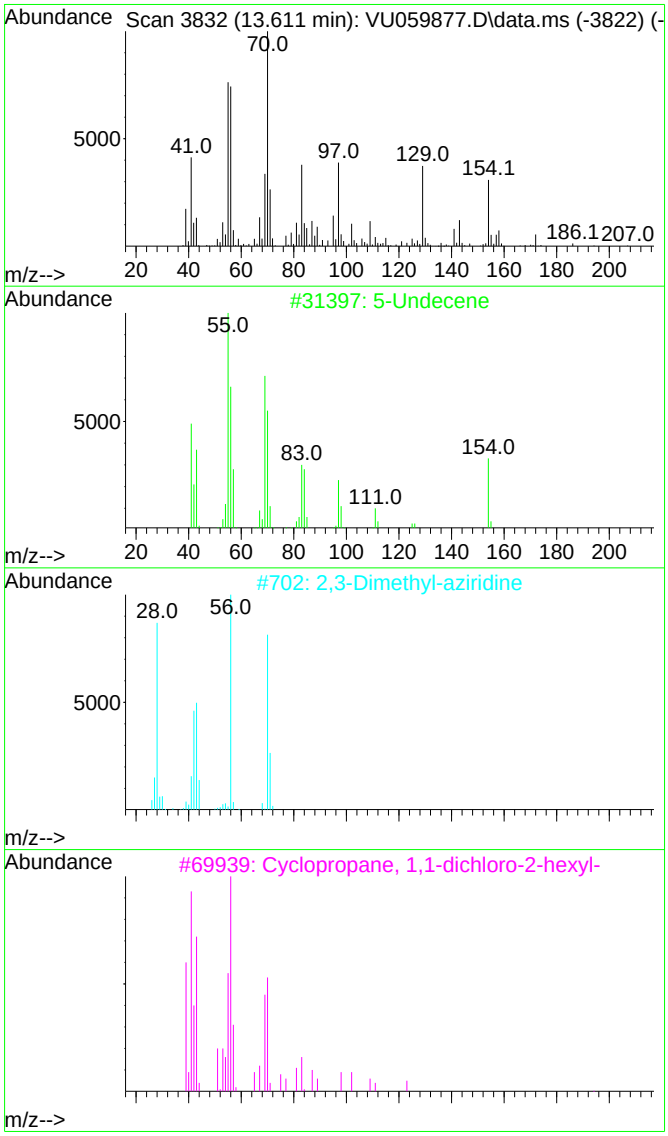
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

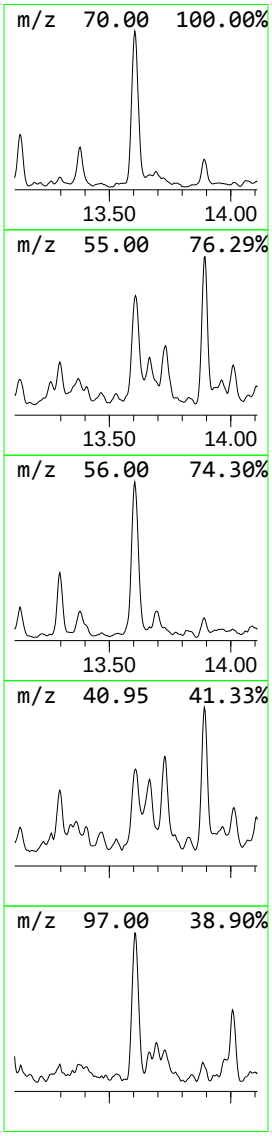
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.611	1.19 ug/L	611292	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	43
2	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	43
3	Cyclopropane, 1,1-dichloro-2-hexyl-	194	C9H16Cl2	005685-42-7	38
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	27
5	1-Octene, 6-methyl-	126	C9H18	013151-10-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

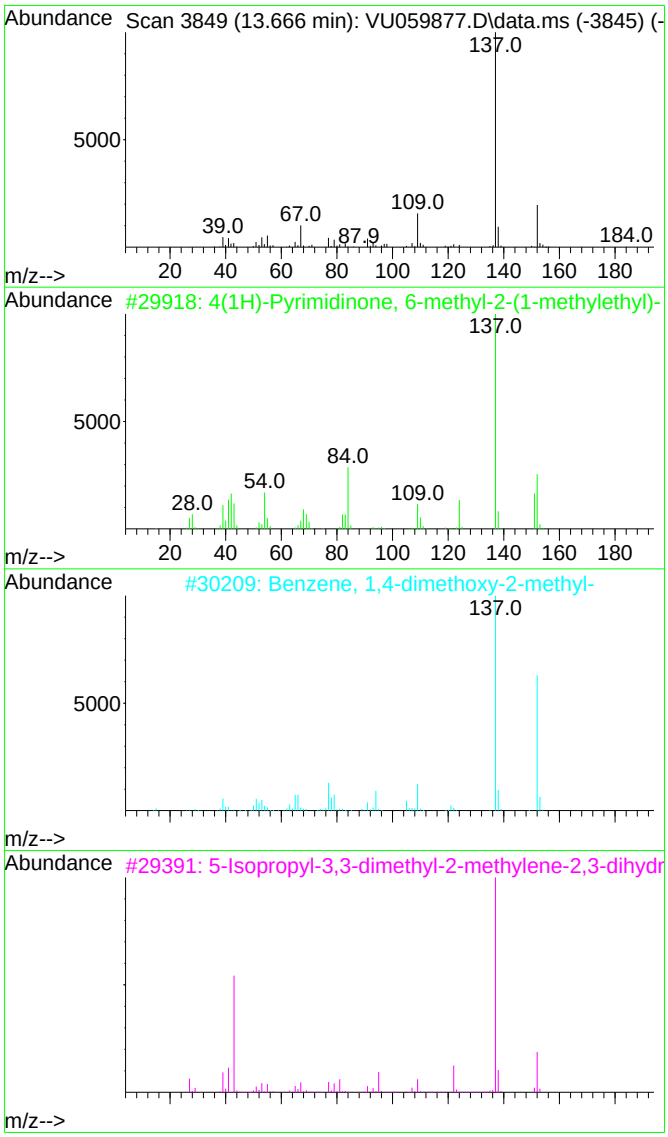
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

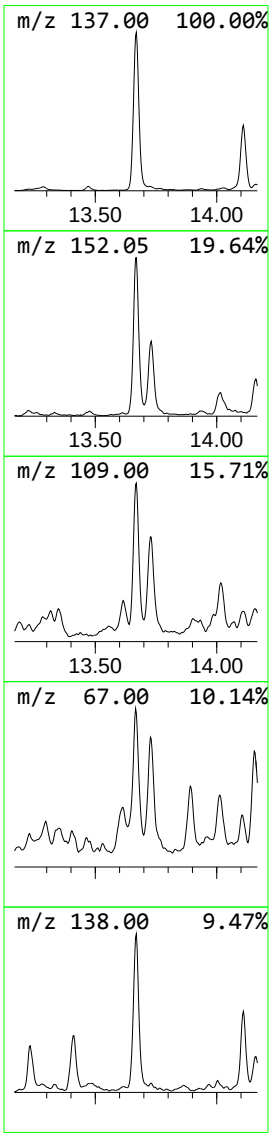
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 4(1H)-Pyrimidinone, 6-methy... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	0.97 ug/L	495954	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-methyl-2-(...	152	C8H12N2O	002814-20-2	72
2	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	72
3	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	64
4	4-Methoxy-2,6-dimethylphenol	152	C9H12O2	002431-91-6	56
5	1-(2,3-Dihydroxyphenyl)ethanone	152	C8H8O3	1000434-39-0	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

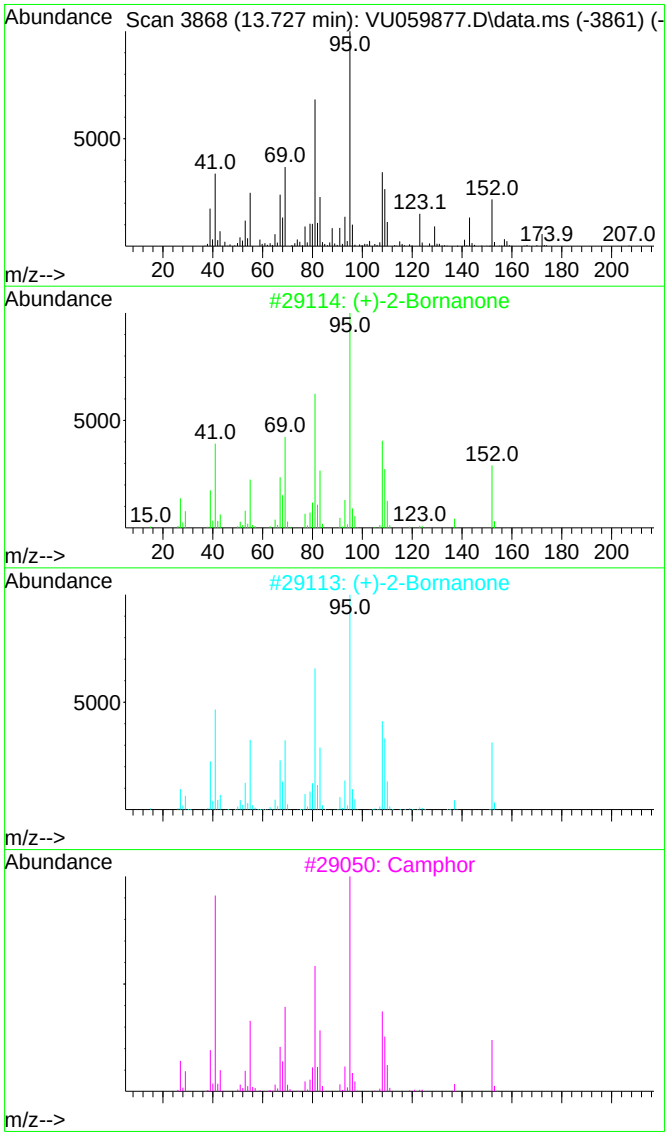
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

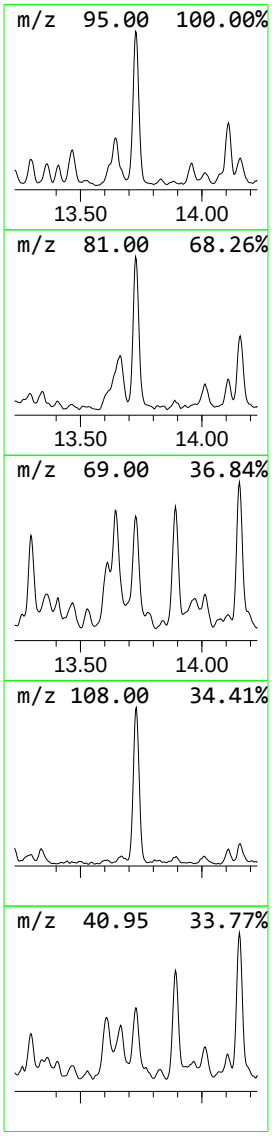
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (+)-2-Bornanone Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	1.05 ug/L	540089	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
3	Camphor	152	C10H16O	000076-22-2	93
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
5	Camphor	152	C10H16O	000076-22-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

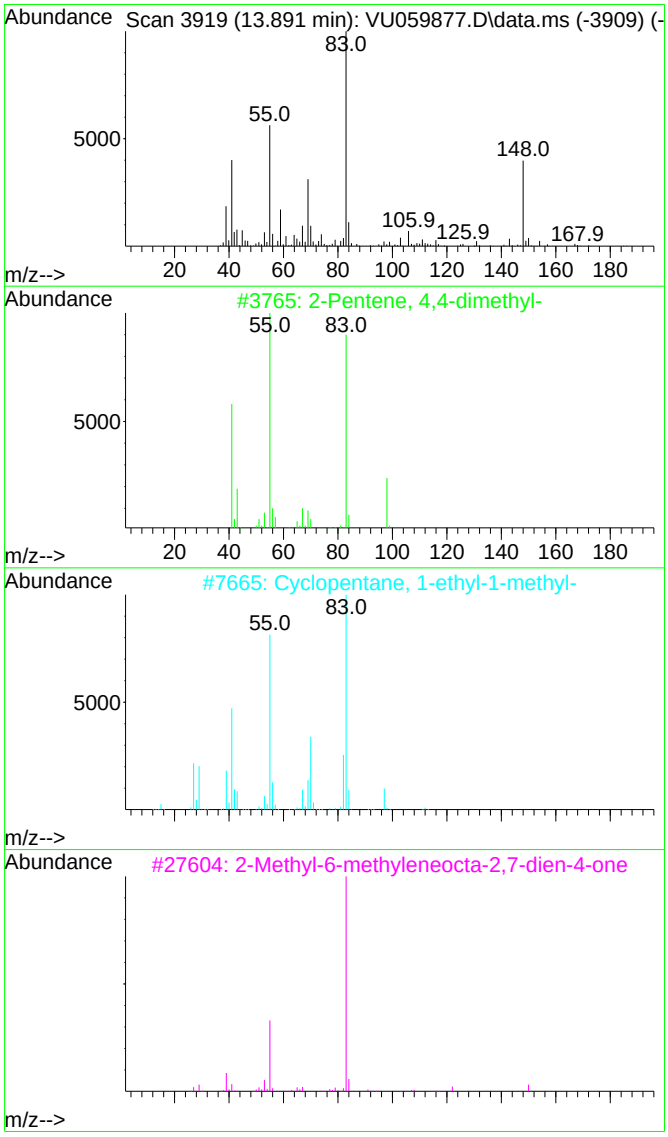
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

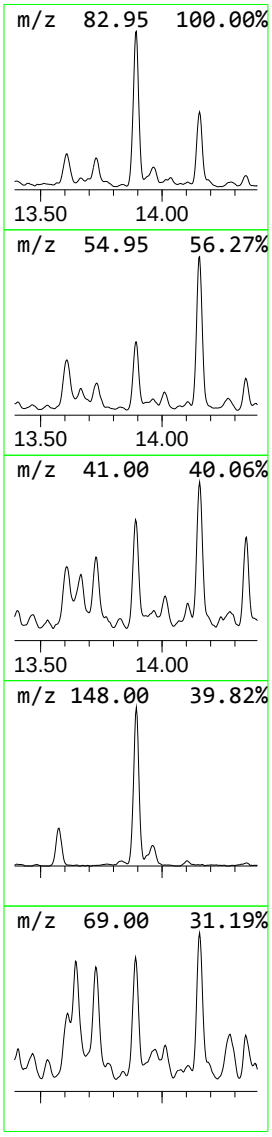
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.891	1.37 ug/L	703794	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	49
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	46
3	2-Methyl-6-methyleneocta-2,7-die...	150	C10H14O	000539-70-8	43
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	43





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

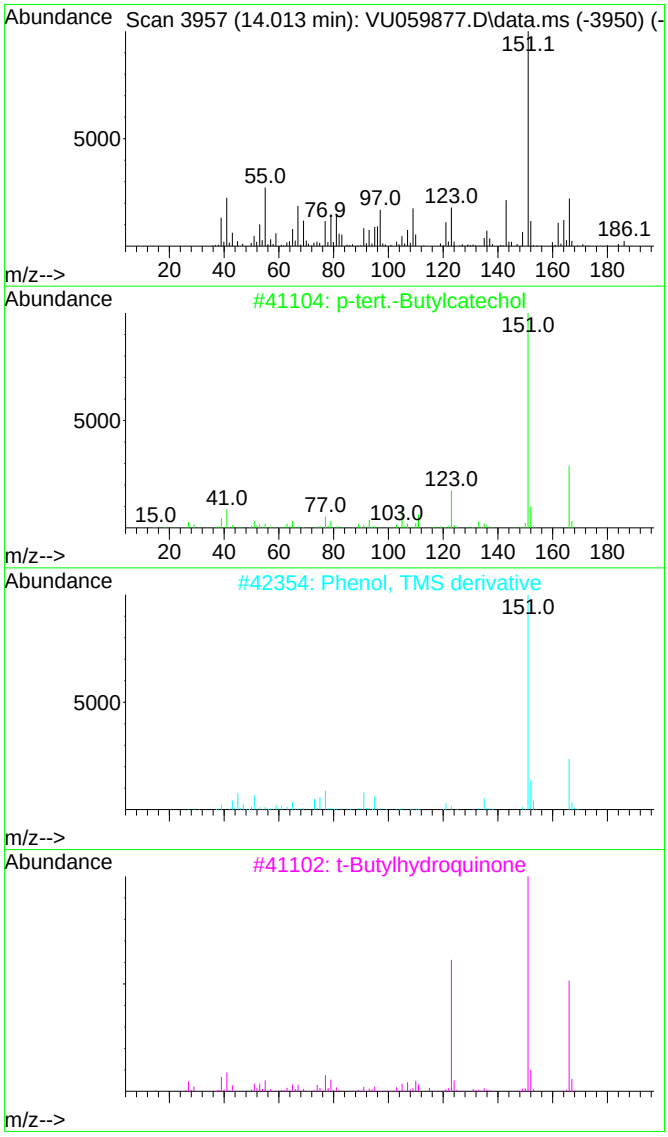
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

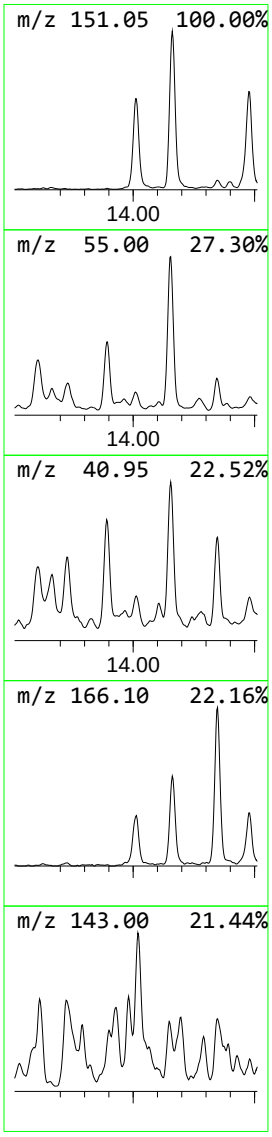
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 unknown-17 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	0.73 ug/L	373191	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-tert.-Butylcatechol	166	C10H14O2	000098-29-3	49
2	Phenol, TMS derivative	166	C9H14OSi	001529-17-5	49
3	t-Butylhydroquinone	166	C10H14O2	001948-33-0	49
4	Benzenethiol, 4-(1,1-dimethyleth...	166	C10H14S	002396-68-1	47
5	Benzenethiol, 4-(1,1-dimethyleth...	166	C10H14S	002396-68-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

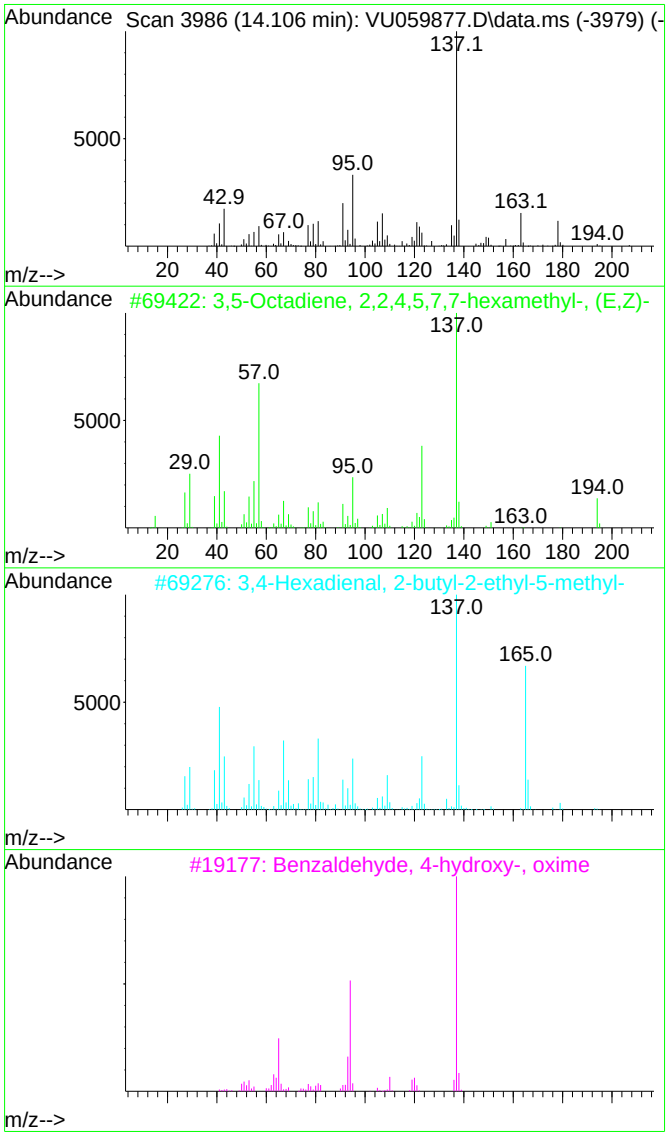
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

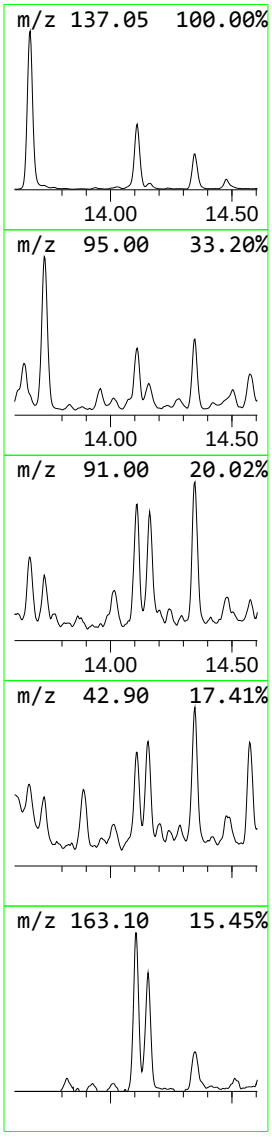
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 3,5-Octadiene, 2,2,4,5,7,7-... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.106	0.62 ug/L	318666	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 2,2,4,5,7,7-hexam...	194	C14H26	055712-52-2	50
2	3,4-Hexadienal, 2-butyl-2-ethyl-...	194	C13H22O	023739-80-2	45
3	Benzaldehyde, 4-hydroxy-, oxime	137	C7H7NO2	000699-06-9	43
4	(2,6,6-Trimethylcyclohex-1-enylm...	278	C16H22O2S	056691-74-8	42
5	2-Pentenoic acid, 3-methyl-5-(2,...	236	C15H24O2	1000196-81-2	42





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

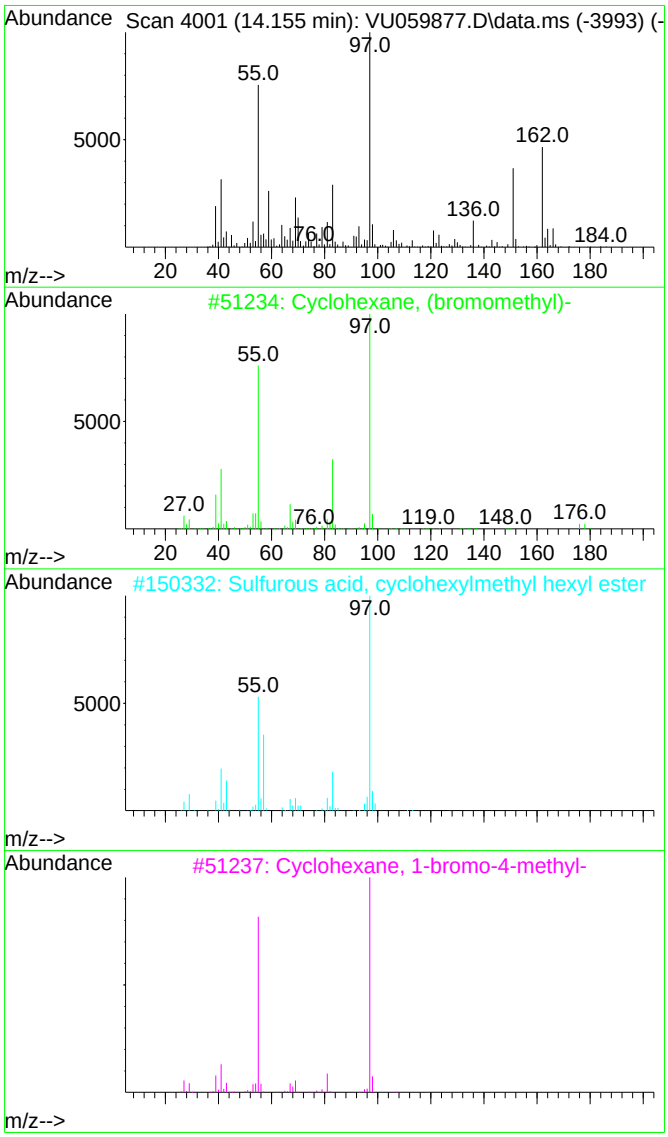
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

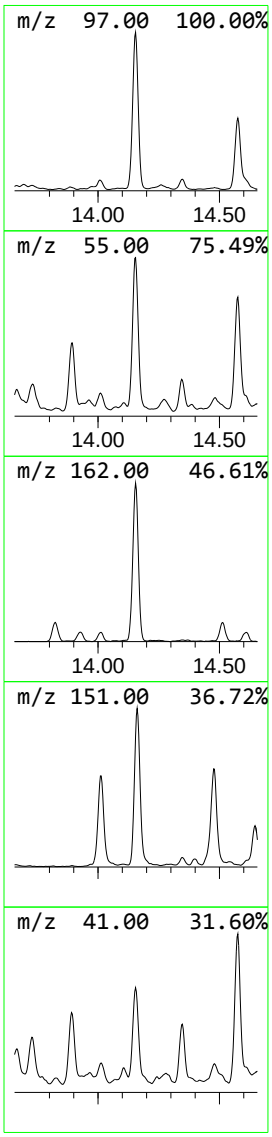
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 unknown-18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.155	3.52 ug/L	1806280	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	43
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	43
3	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	35
4	Semustine	247	C10H18ClN3O2	013909-09-6	35
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

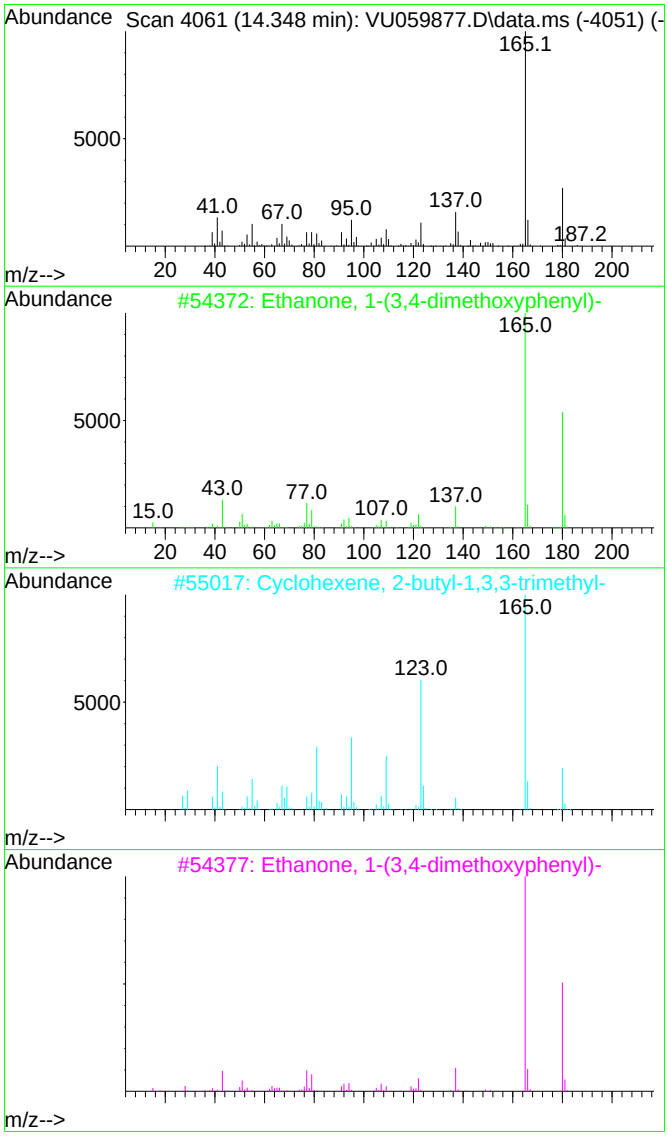
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

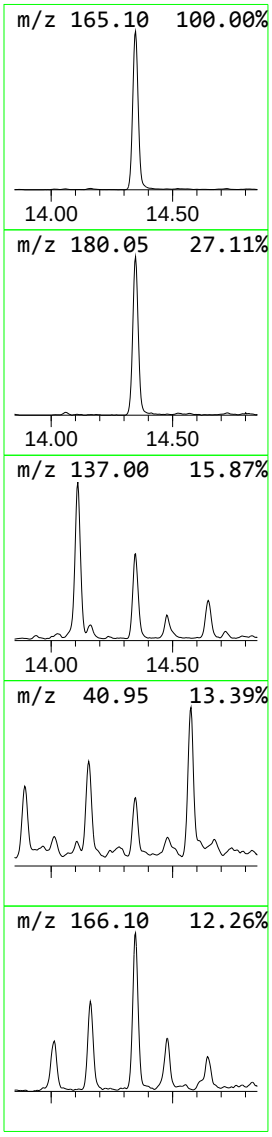
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Ethanone, 1-(3,4-dimethoxyp... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.348	2.36 ug/L	1210130	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	83
2	Cyclohexene, 2-butyl-1,3,3-trime...	180	C13H24	003293-50-3	78
3	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	74
4	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	72
5	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	72





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

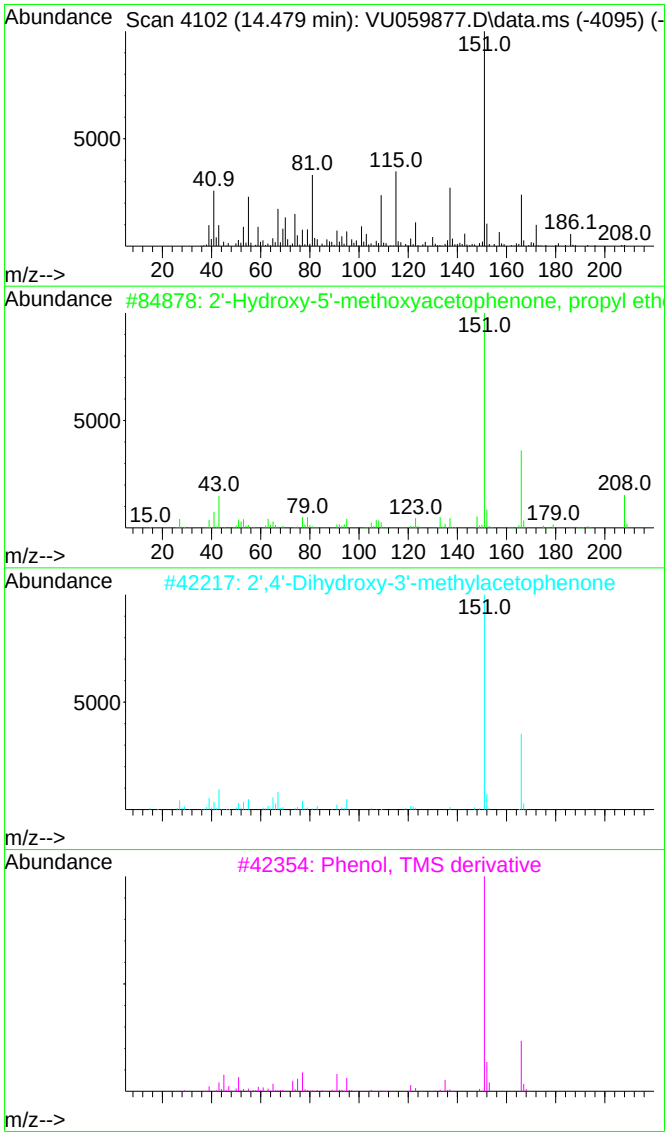
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

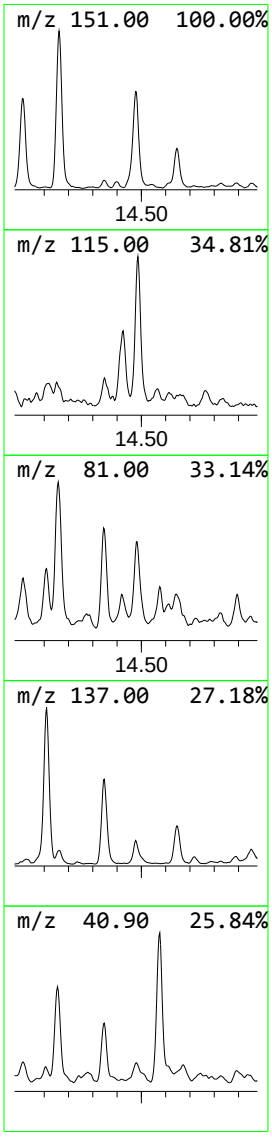
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 unknown-19 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.479	0.97 ug/L	499308	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Hydroxy-5'-methoxyacetophenon...	208	C12H16O3	1000395-41-1	47
2	2',4'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	010139-84-1	46
3	Phenol, TMS derivative	166	C9H14OSi	001529-17-5	46
4	Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	46
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

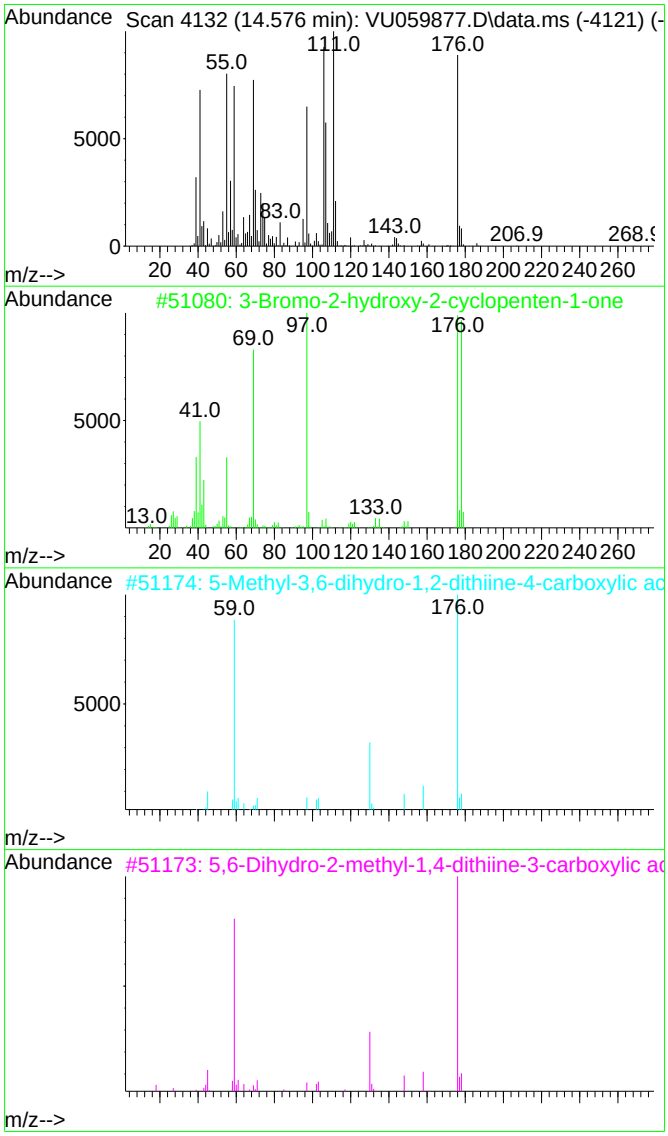
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

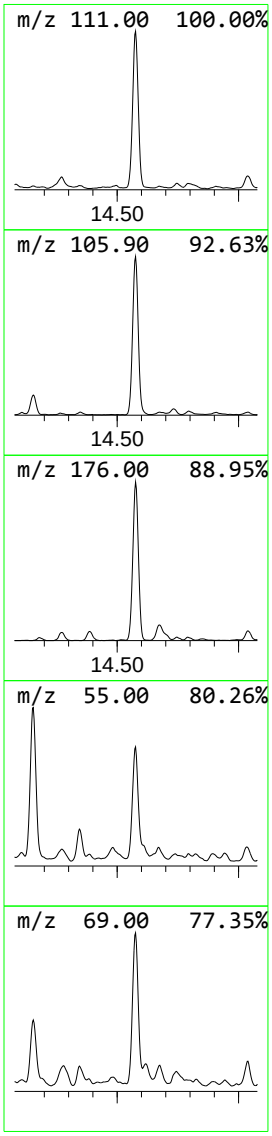
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 unknown-20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.576	3.73 ug/L	1915720	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-2-hydroxy-2-cyclopenten-...	176	C5H5BrO2	003019-83-8	27
2	5-Methyl-3,6-dihydro-1,2-dithiin...	176	C6H8O2S2	959252-25-6	18
3	5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	18
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	15
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	15





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Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

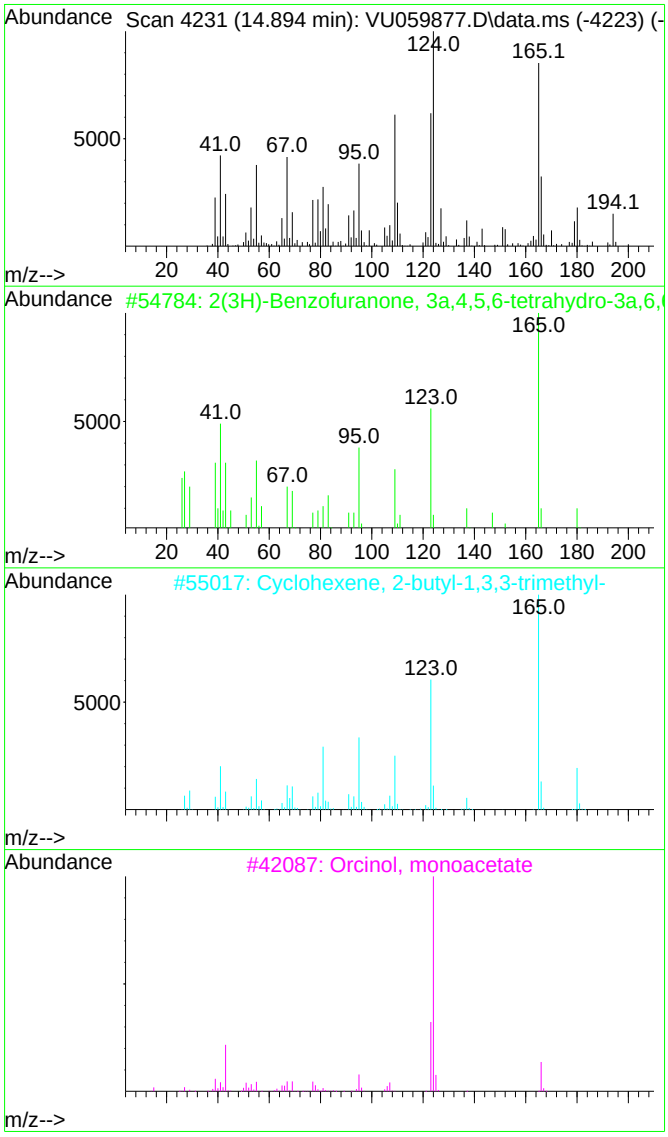
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

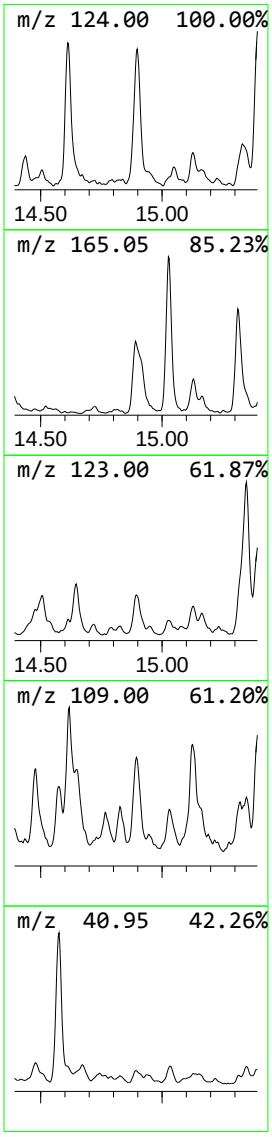
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 unknown-21 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.894	0.64 ug/L	327913	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzofuranone, 3a,4,5,6-te...	180	C11H16O2	016778-26-0	49
2	Cyclohexene, 2-butyl-1,3,3-trime...	180	C13H24	003293-50-3	46
3	Orcinol, monoacetate	166	C9H10O3	1000352-83-0	41
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

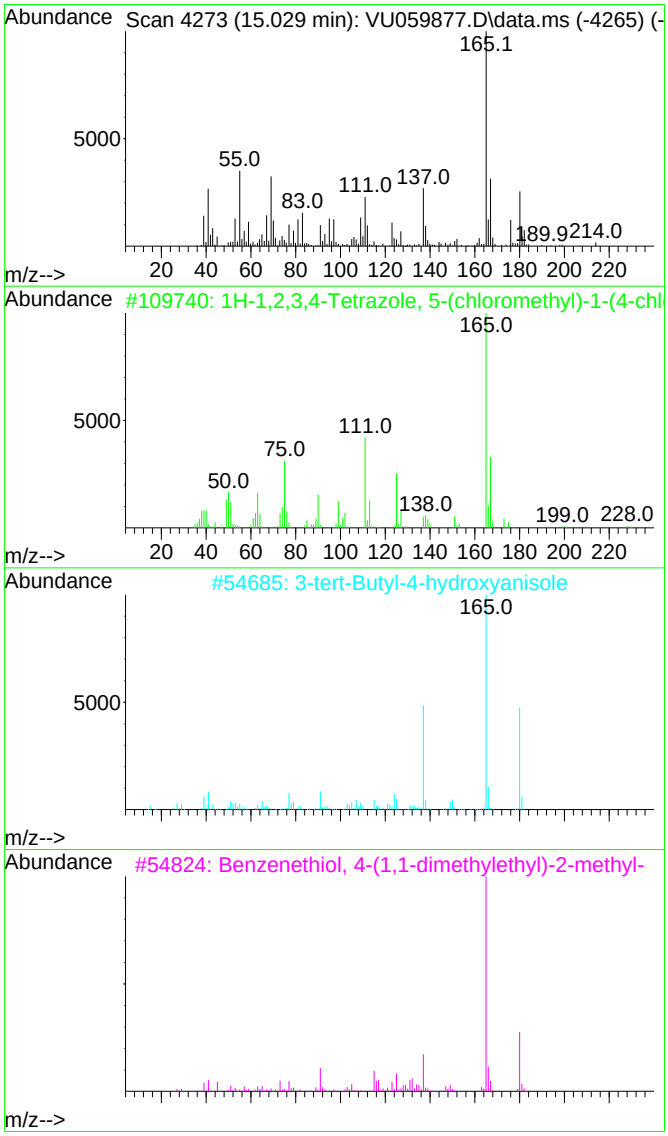
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

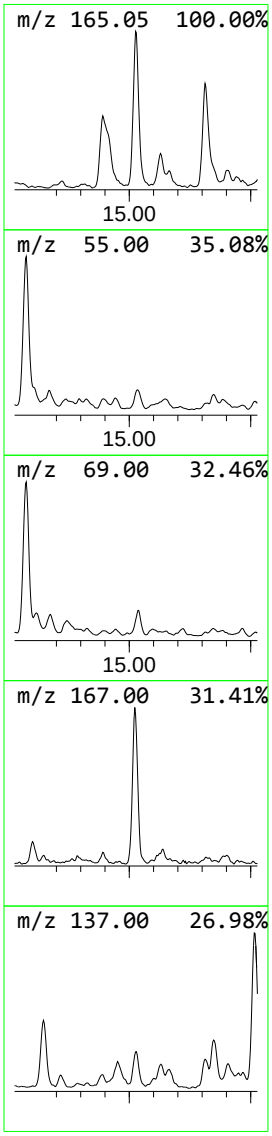
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1H-1,2,3,4-Tetrazole, 5-(ch... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	0.70 ug/L	361316	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3,4-Tetrazole, 5-(chlorom...	228	C8H6Cl2N4	1010337-76-7	50
2	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	49
3	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	47
4	Thiazolo[3,2-a]pyridinium, 8-hyd...	165	C8H7NOS	030276-99-4	43
5	2-Propenoic acid, 3-(5-chloro-2-...	238	C12H11ClO3	1000196-81-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

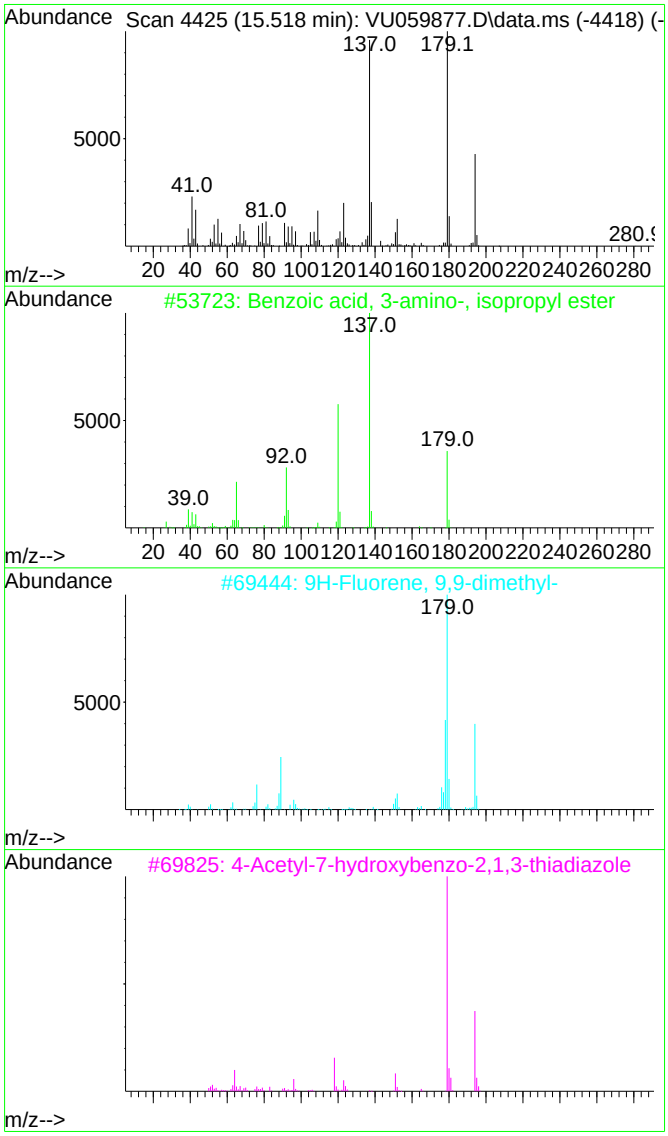
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

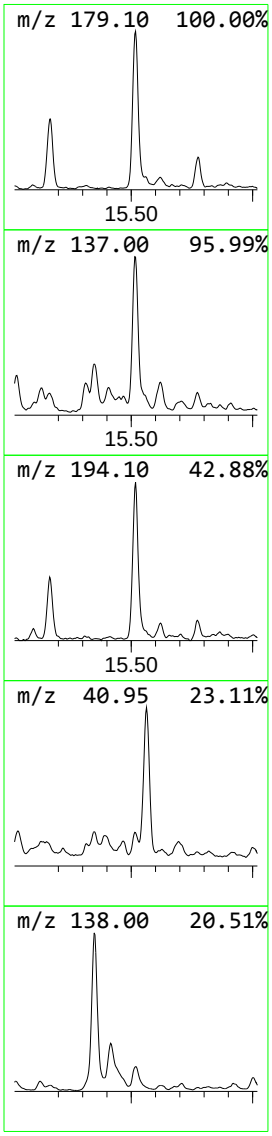
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 unknown-22 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.518	0.55 ug/L	282382	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-amino-, isopropy...	179	C10H13NO2	1000375-45-5	47
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	43
3	4-Acetyl-7-hydroxybenzo-2,1,3-th...	194	C8H6N2O2S	120893-38-1	43
4	4-Acetylphenoxyacetic acid	194	C10H10O4	001878-81-5	41
5	Benzene, 1,4-dimethoxy-2-methyl-...	194	C12H18O2	014753-08-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

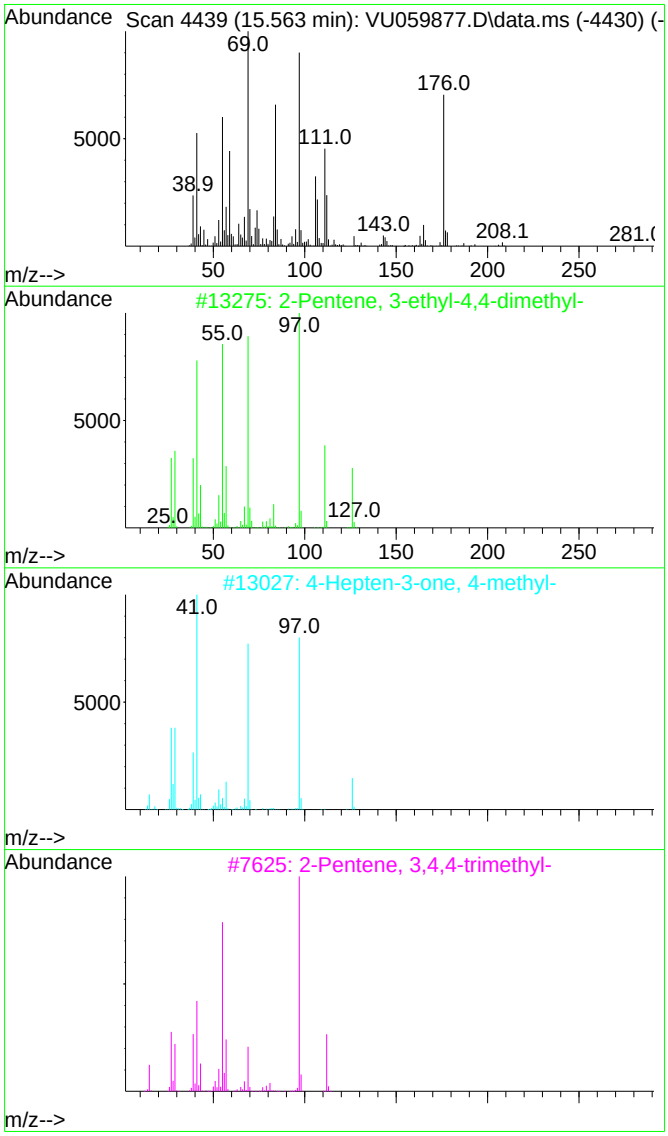
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

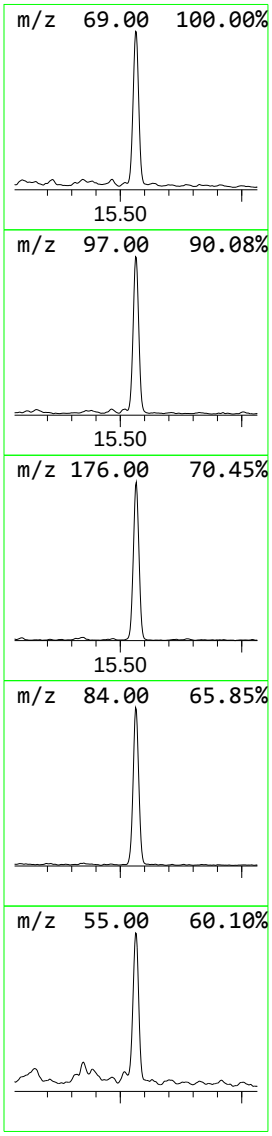
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.563	3.03 ug/L	1554380	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
2	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	27
3	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	25
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	18
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.358	1.2	ug/L	91890	1	6.245	376357	5.0
(DEL) Alkane: S...	1.654	0.8	ug/L	63196	1	6.245	376357	5.0
(DEL) Alkane: S...	1.727	0.9	ug/L	65019	1	6.245	376357	5.0
(DEL) Alkane: C...	2.461	1.1	ug/L	84517	1	6.245	376357	5.0
unknown-01	10.637	1.7	ug/L	891350	3	11.807	2568270	5.0
unknown-02	11.007	0.7	ug/L	342447	3	11.807	2568270	5.0
Octanamide, N-h...	11.084	1.7	ug/L	882245	3	11.807	2568270	5.0
unknown-03	11.245	1.9	ug/L	992050	3	11.807	2568270	5.0
unknown-04	11.557	1.3	ug/L	678162	3	11.807	2568270	5.0
unknown-05	11.647	6.0	ug/L	3081000	3	11.807	2568270	5.0
unknown-06	11.730	0.8	ug/L	421770	3	11.807	2568270	5.0
Eucalyptol	11.907	1.0	ug/L	508760	3	11.807	2568270	5.0
unknown-07	11.965	1.4	ug/L	715322	3	11.807	2568270	5.0
unknown-08	12.013	5.4	ug/L	2789560	3	11.807	2568270	5.0
unknown-09	12.309	2.6	ug/L	1317620	3	11.807	2568270	5.0
unknown-10	12.357	2.6	ug/L	1330670	3	11.807	2568270	5.0
unknown-11	12.434	1.8	ug/L	904457	3	11.807	2568270	5.0
unknown-12	12.624	1.8	ug/L	945875	3	11.807	2568270	5.0
unknown-13	12.817	2.2	ug/L	1143600	3	11.807	2568270	5.0
L-Fenchone	12.943	2.2	ug/L	1121540	3	11.807	2568270	5.0
unknown-14	13.000	1.0	ug/L	501380	3	11.807	2568270	5.0
unknown-15	13.084	1.2	ug/L	596543	3	11.807	2568270	5.0
unknown-16	13.296	0.6	ug/L	300171	3	11.807	2568270	5.0
(DEL) Alkane: S...	13.611	1.2	ug/L	611292	3	11.807	2568270	5.0
4(1H)-Pyrimidin...	13.666	1.0	ug/L	495954	3	11.807	2568270	5.0
(+)-2-Bornanone	13.727	1.1	ug/L	540089	3	11.807	2568270	5.0
(DEL) Alkane: S...	13.891	1.4	ug/L	703794	3	11.807	2568270	5.0
unknown-17	14.013	0.7	ug/L	373191	3	11.807	2568270	5.0
3,5-Octadiene, ...	14.106	0.6	ug/L	318666	3	11.807	2568270	5.0
unknown-18	14.155	3.5	ug/L	1806280	3	11.807	2568270	5.0
Ethanone, 1-(3,...	14.348	2.4	ug/L	1210130	3	11.807	2568270	5.0
unknown-19	14.479	1.0	ug/L	499308	3	11.807	2568270	5.0
unknown-20	14.576	3.7	ug/L	1915720	3	11.807	2568270	5.0
unknown-21	14.894	0.6	ug/L	327913	3	11.807	2568270	5.0
1H-1,2,3,4-Tetr...	15.029	0.7	ug/L	361316	3	11.807	2568270	5.0
unknown-22	15.518	0.6	ug/L	282382	3	11.807	2568270	5.0
(DEL) Alkane: S...	15.563	3.0	ug/L	1554380	3	11.807	2568270	5.0