LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

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\SFAMUTR042224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU058804.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.351	14	19	31	rBV2	5573	6930	1.14%	0.140%
2	1.589	84	93	109	rVB	26835	31714	5.23%	0.641%
3	1.721	127	134	144	rVB	6821	8532	1.41%	0.173%
4	1.901	182	190	202	rVB	20754	25751	4.25%	0.521%
5	2.554	382	393	411	rBV	55541	91828	15.15%	1.857%
6	4.637	1028	1041	1071	rBV	17457	54434	8.98%	1.101%
7	5.049	1155	1169	1189	rBV	51112	113820	18.78%	2.302%
8	5.714	1358	1376	1389	rBV2	94676	244090	40.28%	4.936%
9	6.239	1527	1539	1560	rBV2	101181	196276	32.39%	3.969%
10	6.682	1665	1677	1696	rBV	56548	110524	18.24%	2.235%
11	7.560	1940	1950	1965	rBV2	27454	49368	8.15%	0.998%
12	7.891	2041	2053	2068	rBV2	119138	208489	34.40%	4.216%
13	7.968	2070	2077	2095	rVB2	4478	8671	1.43%	0.175%
14	8.174	2132	2141	2157	rBV3	14770	26106	4.31%	0.528%
15	8.631	2273	2283	2315	rBV2	71033	143103	23.61%	2.894%
16	9.412	2515	2526	2542	rBV	142581	240047	39.61%	4.855%
17	9.496	2542	2552	2565	rVV	129016	200639	33.11%	4.058%
18	9.566	2565	2574	2586	rVB	15572	25379	4.19%	0.513%
19	9.692	2603	2613	2631	rBB2	18967	31203	5.15%	0.631%
20	10.097	2730	2739	2752	rVB2	11879	18647	3.08%	0.377%
21	10.480	2847	2858	2877	rBB	80830	127231	20.99%	2.573%
22	10.750	2932	2942	2954	rBV	34380	55313	9.13%	1.119%
23	10.901	2977	2989	3002	rVB3	10307	18713	3.09%	0.378%
24	11.020	3011	3026	3037	rBV2	6347	12019	1.98%	0.243%
25	11.290	3101	3110	3114	rBV2	5123	7673	1.27%	0.155%
26	11.463	3155	3164	3174	rVB3	7215	10779	1.78%	0.218%
27	11.637	3210	3218	3230	rVB2	16265	25058	4.13%	0.507%
28	11.807	3258	3271	3287	rVV	152278	251527	41.50%	5.087%
29	11.888	3291	3296	3306	rVB4	4634	7105	1.17%	0.144%
30	12.087	3344	3358	3373	rBV	89469	142345	23.49%	2.879%
31	12.187	3377	3389	3402	rBV	119815	198307	32.72%	4.010%
32	12.299	3413	3424	3438	rBV4	30762	57563	9.50%	1.164%
33	12.373	3438	3447	3459	rVB2	7438	12103	2.00%	0.245%
34	12.563	3495	3506	3516	rBV5	4631	7846	1.29%	0.159%
35	12.676	3525	3541	3553	rBV2	46275	73792	12.18%	1.492%
36	12.920	3608	3617	3624	rBV2	15144	25237	4.16%	0.510%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

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\SFAMUTR042224WMA.M
Title : TRACE VOA SFAM1.0

37	12.968	3624	3632	3639	rVV3	15181	21672	3.58%	0.438%
38	13.020	3639	3648	3662	rVV3	26391	52649	8.69%	1.065%
39	13.103	3668	3674	3689	rVB8	10812	20894	3.45%	0.423%
40	13.248	3711	3719	3725	rBV5	7096	10949	1.81%	0.221%
41	13.286	3725	3731	3738	rVV	14486	22900	3.78%	0.463%
42	13.322	3738	3742	3754	rVB5	7201	10221	1.69%	0.207%
43	13.447	3771	3781	3790	rBV4	21437	34909	5.76%	0.706%
44	13.515	3792	3802	3814	rVB3	31812	52065	8.59%	1.053%
45	13.621	3817	3835	3850	rBV3	49782	86820	14.33%	1.756%
46	13.721	3858	3866	3873	rBV6	5832	8711	1.44%	0.176%
47	13.778	3873	3884	3892	rVV3	22673	38313	6.32%	0.775%
48	13.827	3892	3899	3905	rBV6	7712	10914	1.80%	0.221%
49	13.904	3916	3923	3929	rBV2	7317	10986	1.81%	0.222%
50	13.952	3929	3938	3950	rVB8	24020	44561	7.35%	0.901%
51	14.081	3959	3978	3996	rBV	324715	606045	100.00%	12.256%
52	14.200	3997	4015	4021	rVV6	25701	71676	11.83%	1.450%
53	14.238	4021	4027	4034	rVV2	23849	43394	7.16%	0.878%
54	14.280	4034	4040	4049	rVV6	18793	30673	5.06%	0.620%
55	14.335	4049	4057	4067	rVV3	13235	21800	3.60%	0.441%
56	14.389	4067	4074	4082	rVB3	5048	7239	1.19%	0.146%
57	14.473	4091	4100	4107	rBV8	6958	12238	2.02%	0.247%
58	14.669	4150	4161	4171	rBV8	14650	33097	5.46%	0.669%
59	14.801	4191	4202	4210	rBV3	36579	61778	10.19%	1.249%
60	14.872	4219	4224	4234	rVB4	14500	22676	3.74%	0.459%
61	15.020	4260	4270	4278	rBV8	6909	13619	2.25%	0.275%
62	15.139	4294	4307	4309	rBV2	12634	19942	3.29%	0.403%
63	15.164	4309	4315	4328	rVB3	14595	30420	5.02%	0.615%
64	15.254	4337	4343	4362	rVB4	15597	26873	4.43%	0.543%
65	15.402	4377	4389	4417	rVV4	57867	142438	23.50%	2.881%
66	15.553	4424	4436	4443	rBV3	4427	6800	1.12%	0.138%
67	15.643	4455	4464	4470	rBV3	10748	16624	2.74%	0.336%
68	15.907	4537	4546	4557	rBV6	6025	11643	1.92%	0.235%
69	16.010	4570	4578	4586	rVB4	6908	10844	1.79%	0.219%
70	16.177	4623	4630	4641	rVB3	20540	31953	5.27%	0.646%
71	16.293	4660	4666	4681	rVB4	5536	8735	1.44%	0.177%
72	16.605	4753	4763	4769	rBV3	18720	30158	4.98%	0.610%
73	16.640	4769	4774	4788	rVB3	14615	21929	3.62%	0.443%
74	17.090	4901	4914	4933	rBV	213459	352445	58.15%	7.128%
75	17.270	4960	4970	4981	rVB	9395	15006	2.48%	0.303%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

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\SFAMUTR042224WMA.M
Title : TRACE VOA SFAM1.0

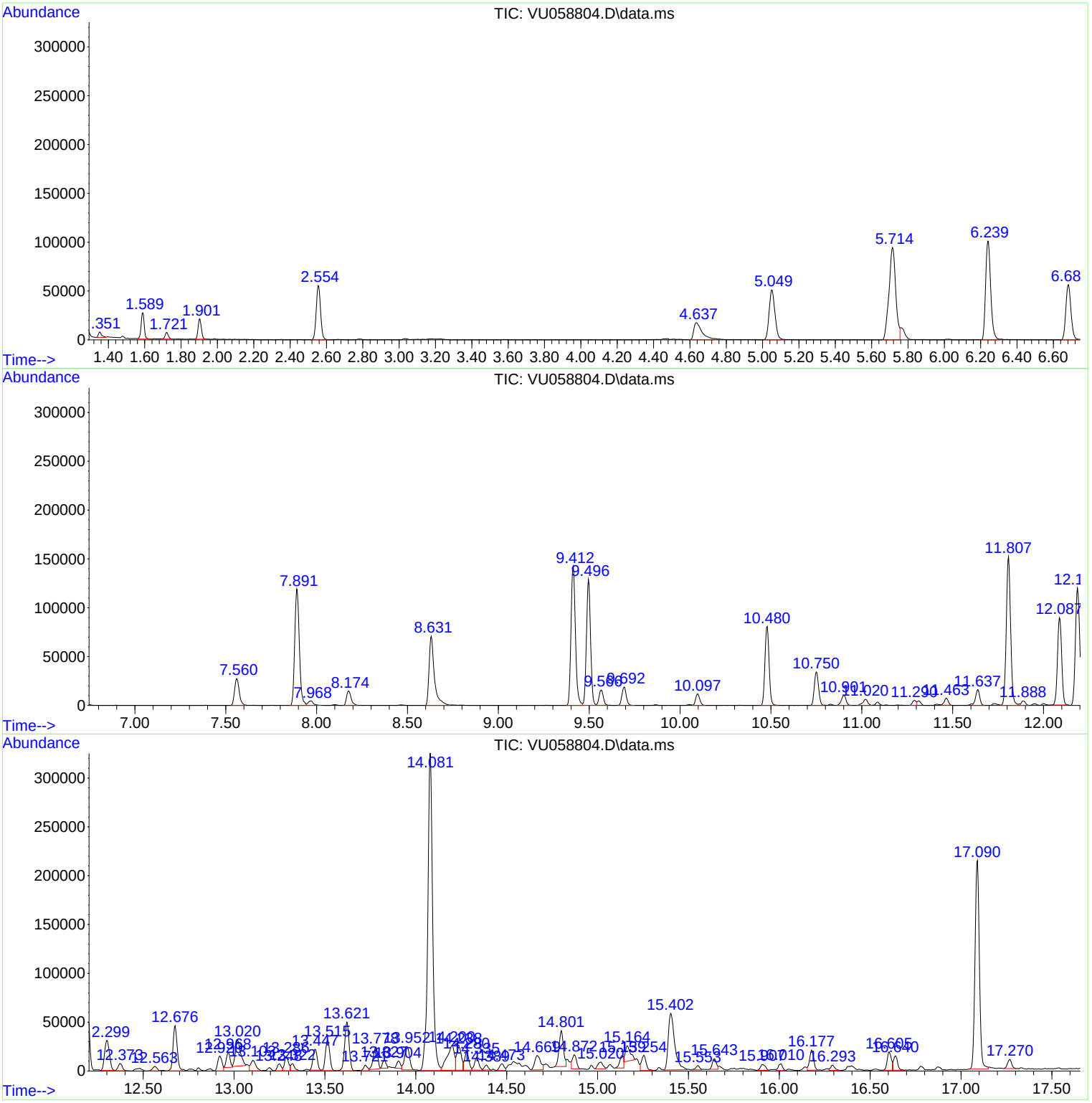
Sum of corrected areas: 4944771

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.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\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

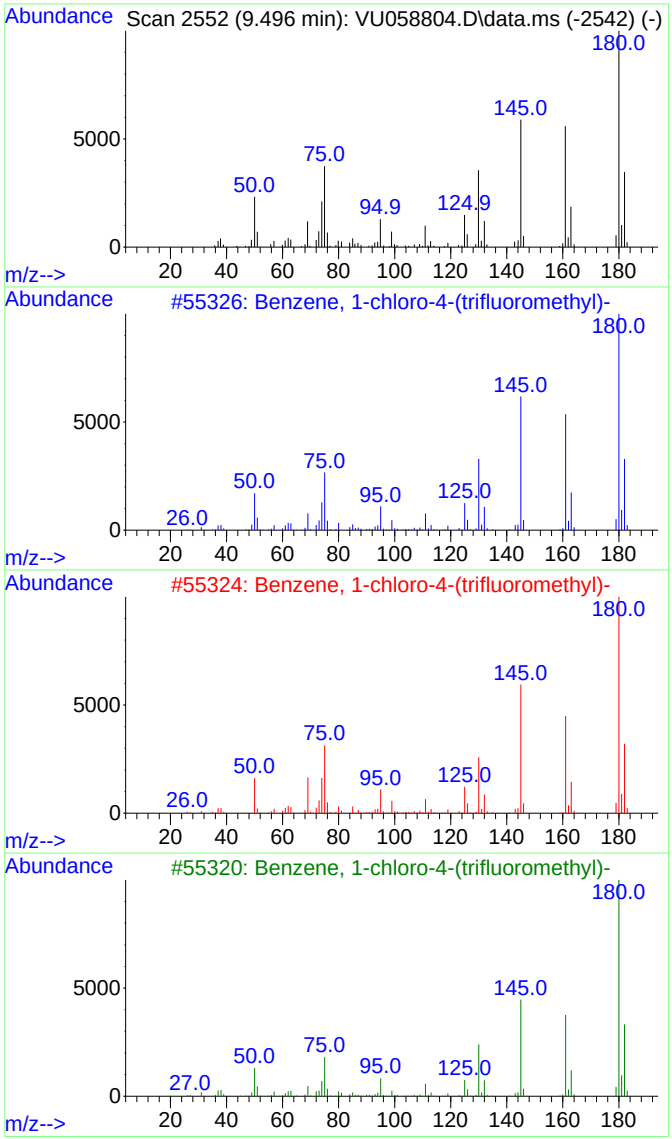
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

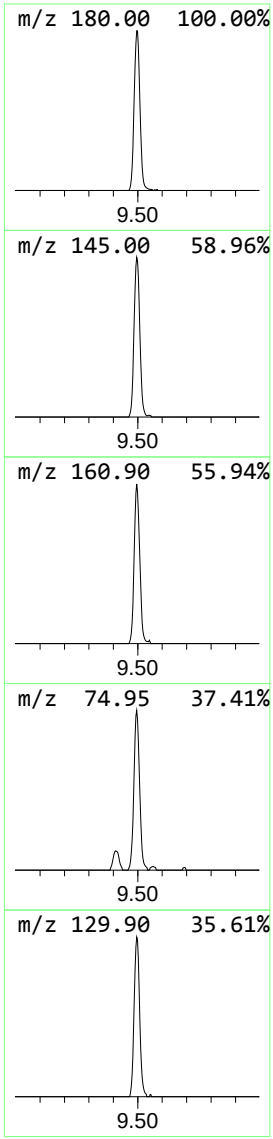
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-chloro-4-(triflu... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.496	4.18 ug/L	200639	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	99
2	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
3	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	97
4	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	94
5	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

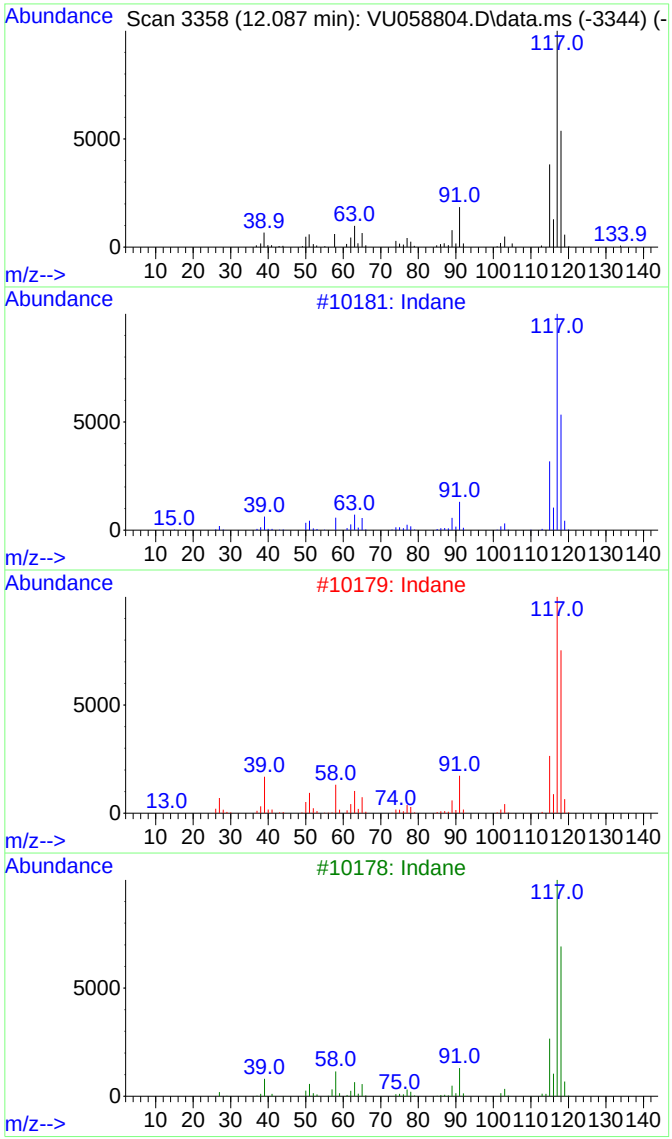
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

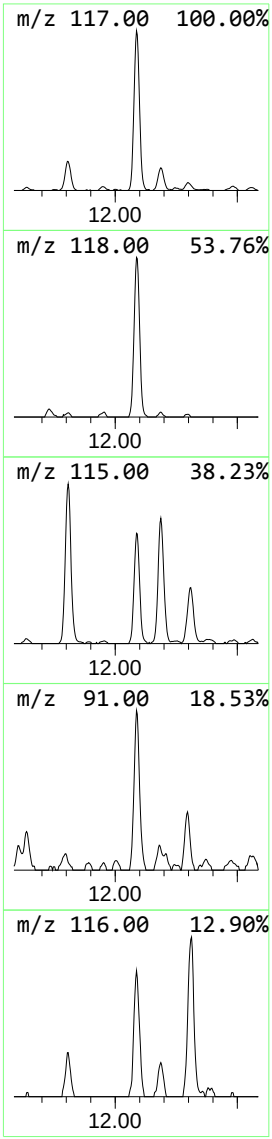
****

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	2.83 ug/L	142345	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

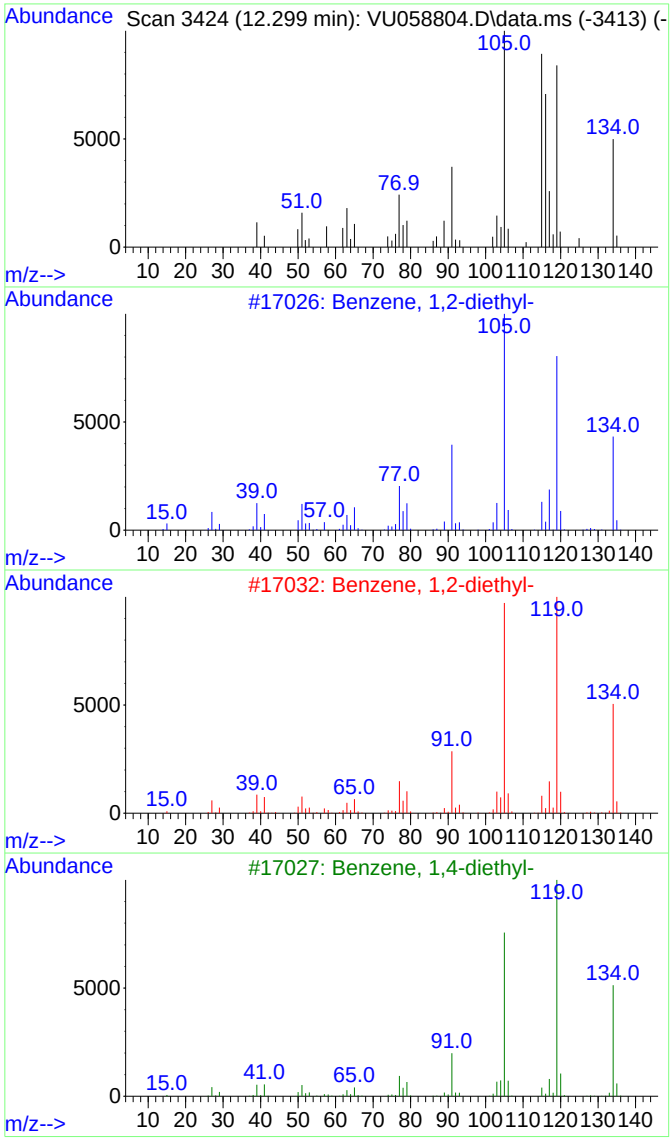
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

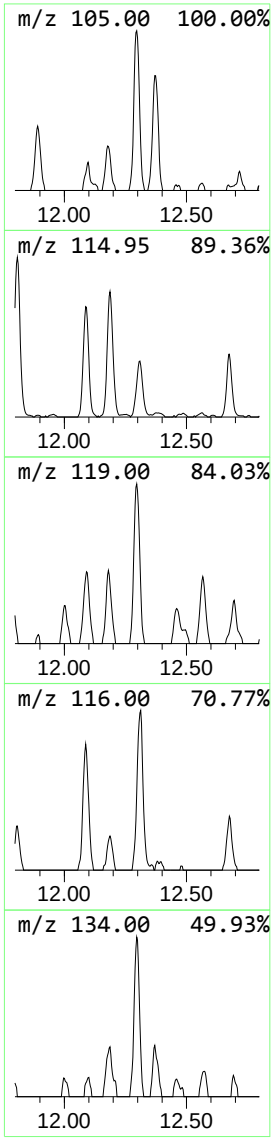
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	1.14 ug/L	57563	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	90
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	49
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

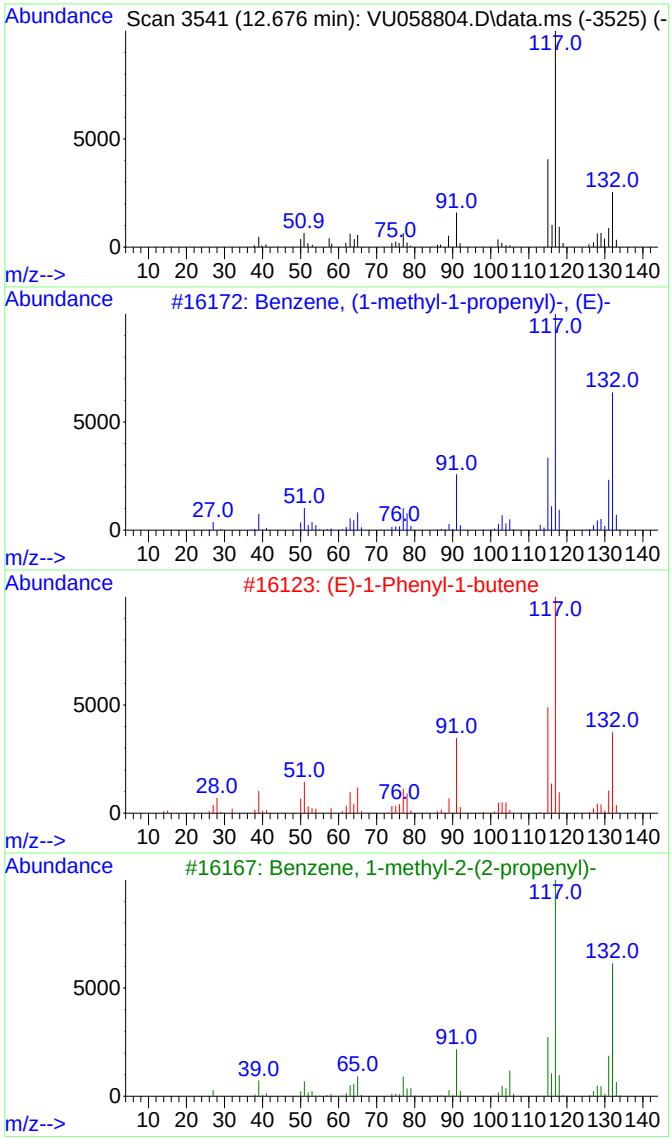
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

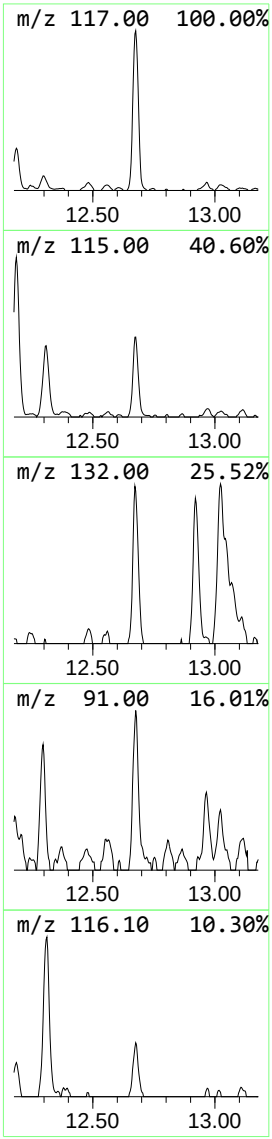
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.47 ug/L	73792	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

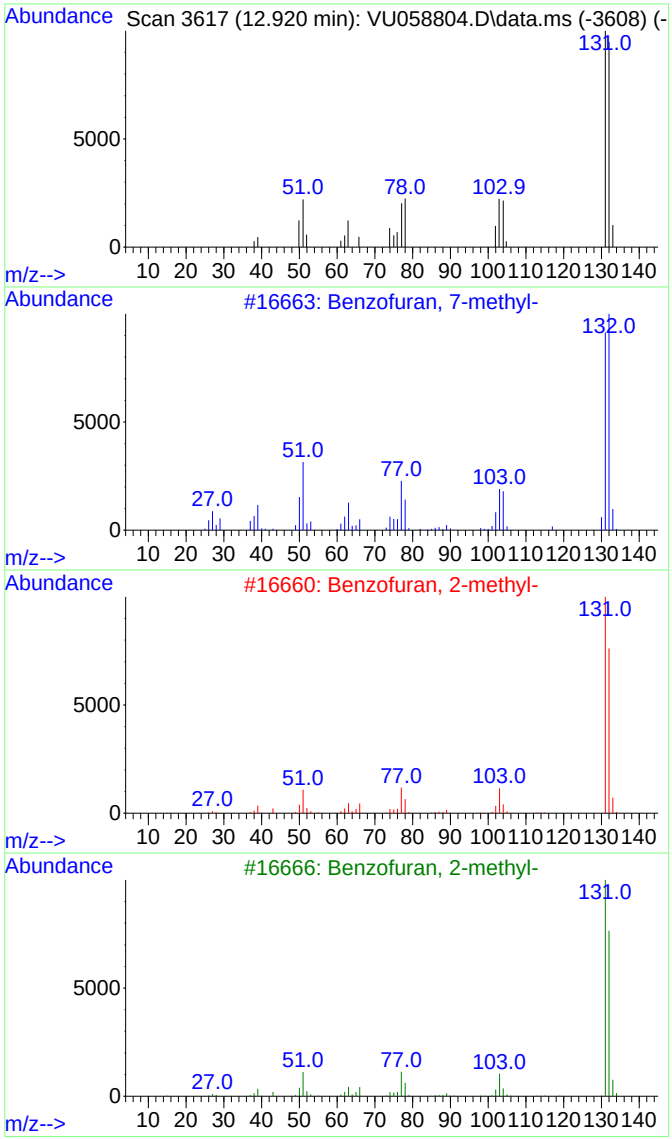
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

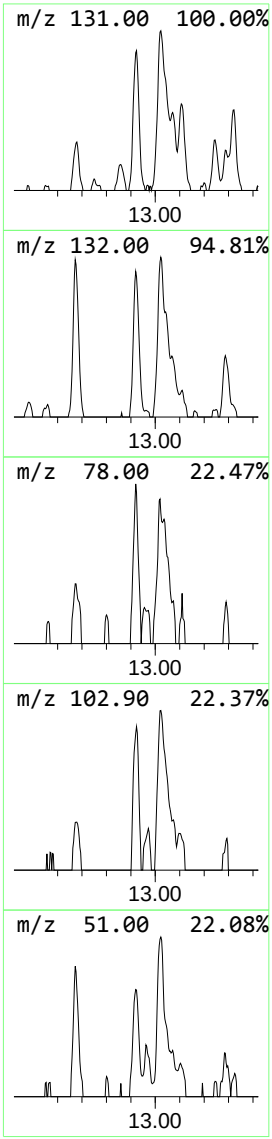
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	0.50 ug/L	25237	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

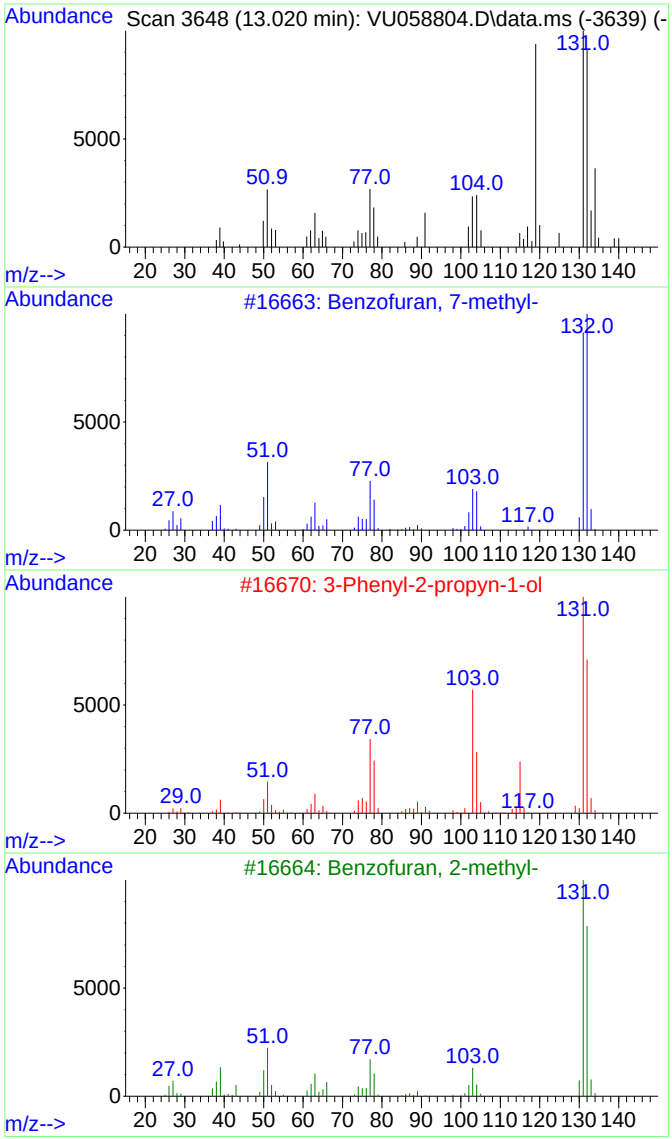
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

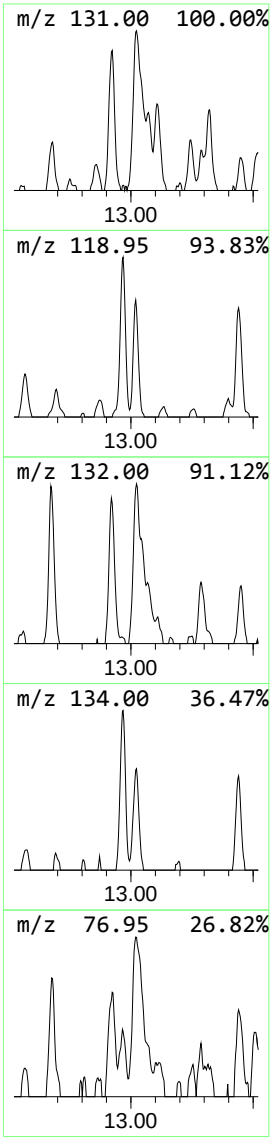
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	1.05 ug/L	52649	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	55
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

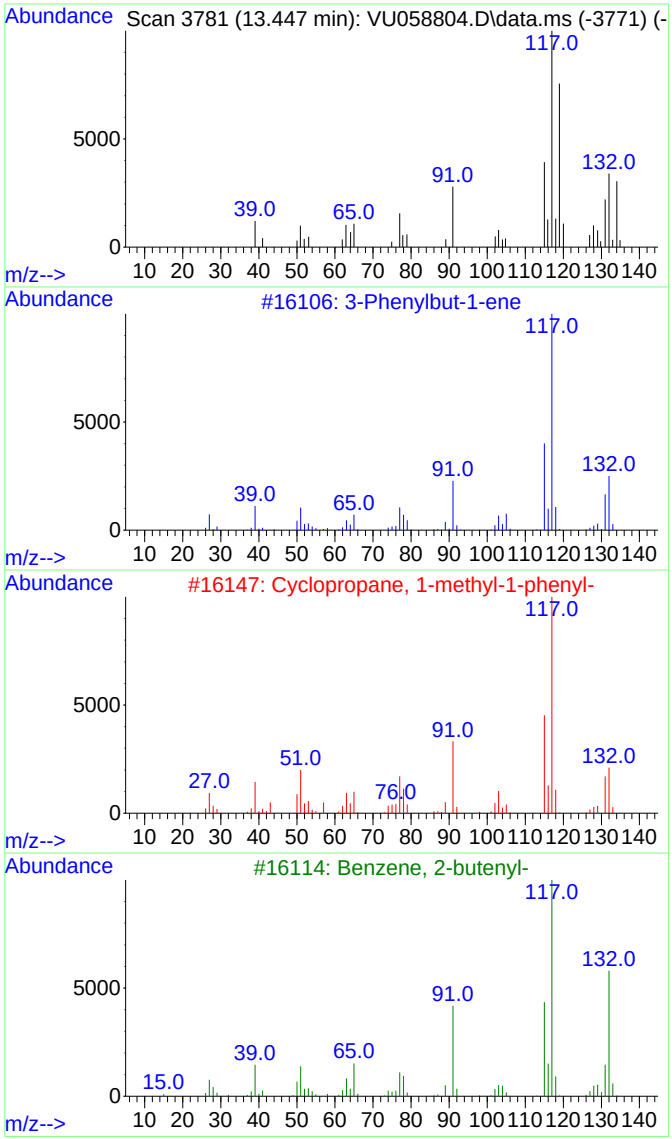
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

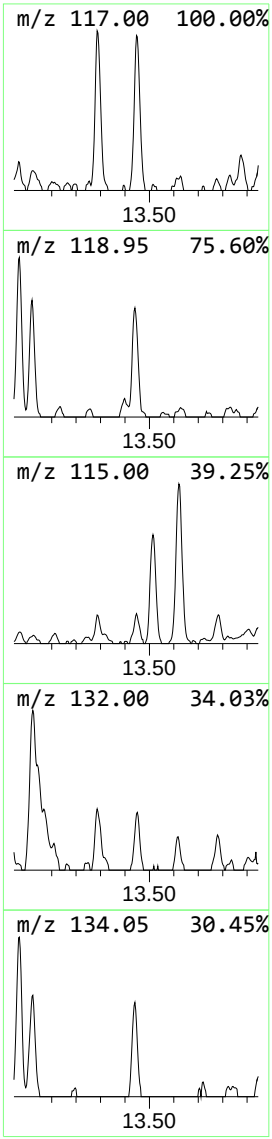
****

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	0.69 ug/L	34909	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
2	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	60
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

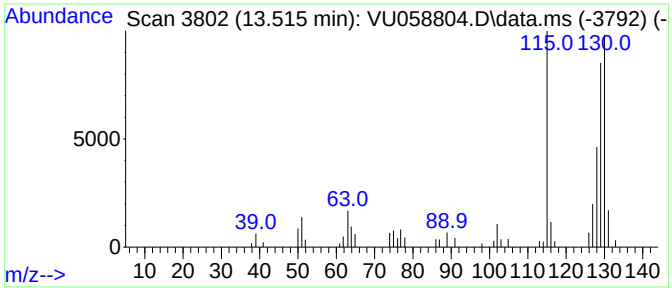
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

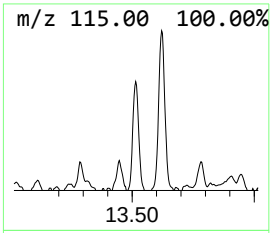
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

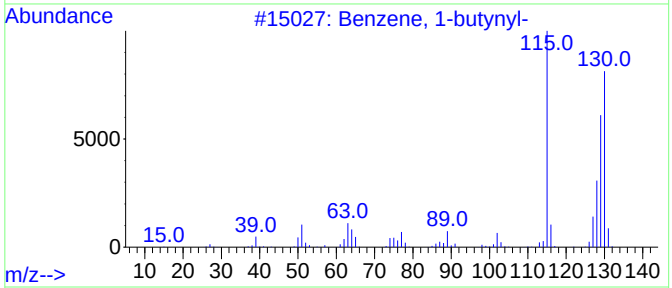
****
Peak Number 9 Benzene, 1-butynyl- Concentration Rank 13

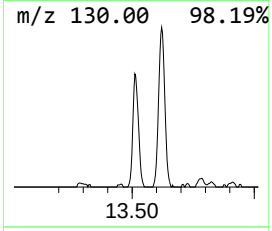
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	1.03 ug/L	52065	1,4-Dichlorobenzene-d4	11.807

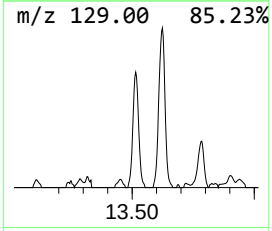
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
3	2-Methylindene	130	C10H10	002177-47-1	91
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
5	2-Methylindene	130	C10H10	002177-47-1	89

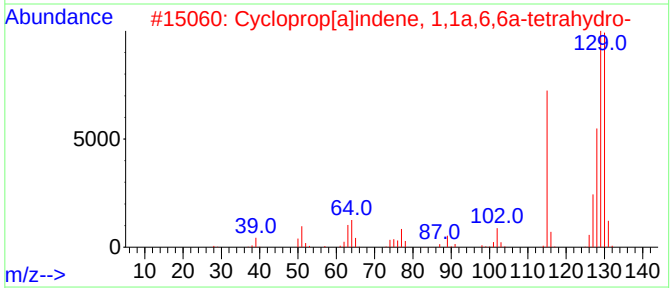


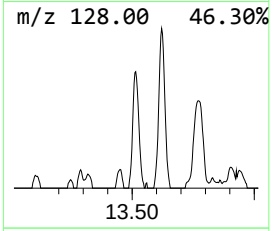


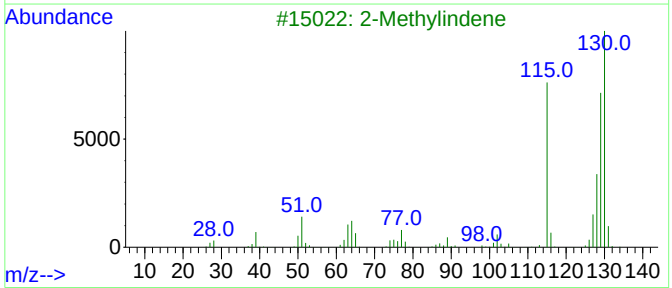


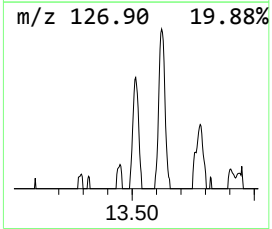












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

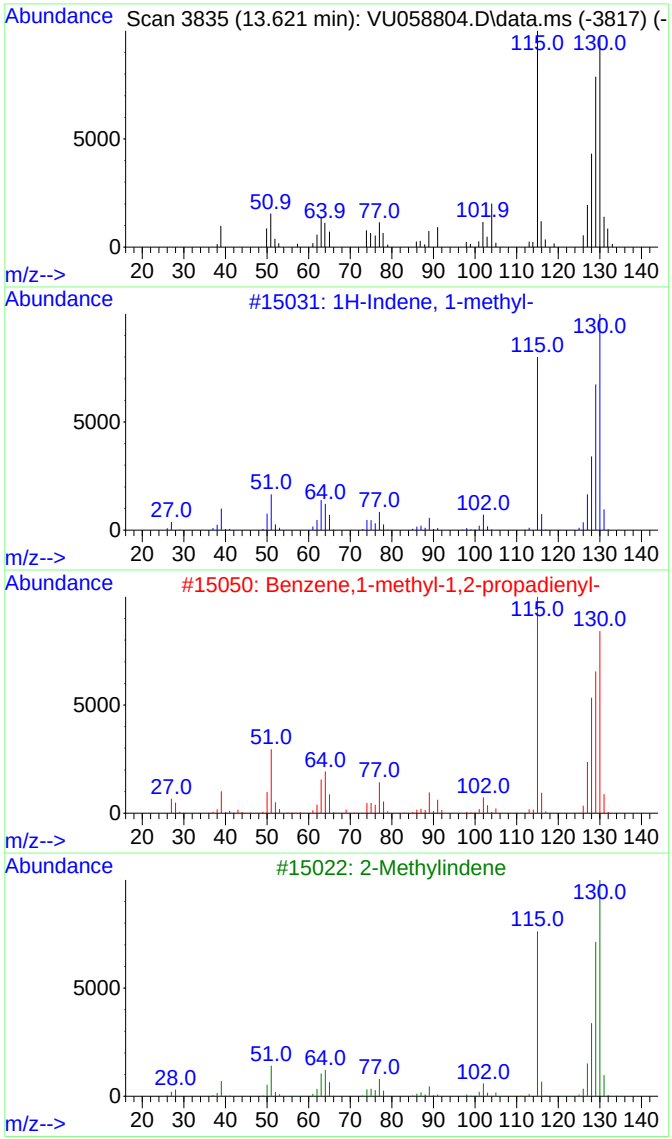
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

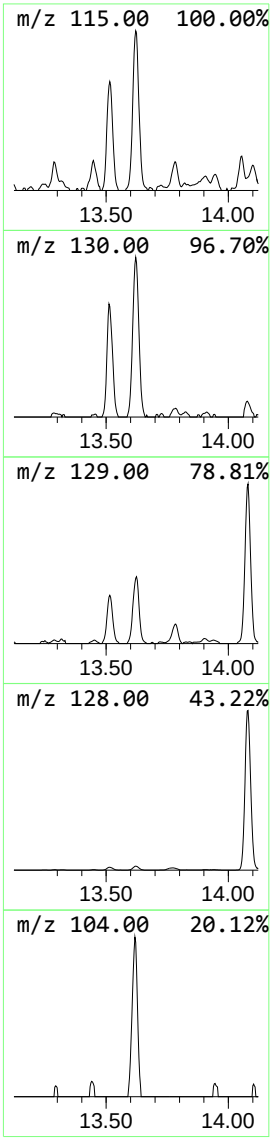
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	1.73 ug/L	86820	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

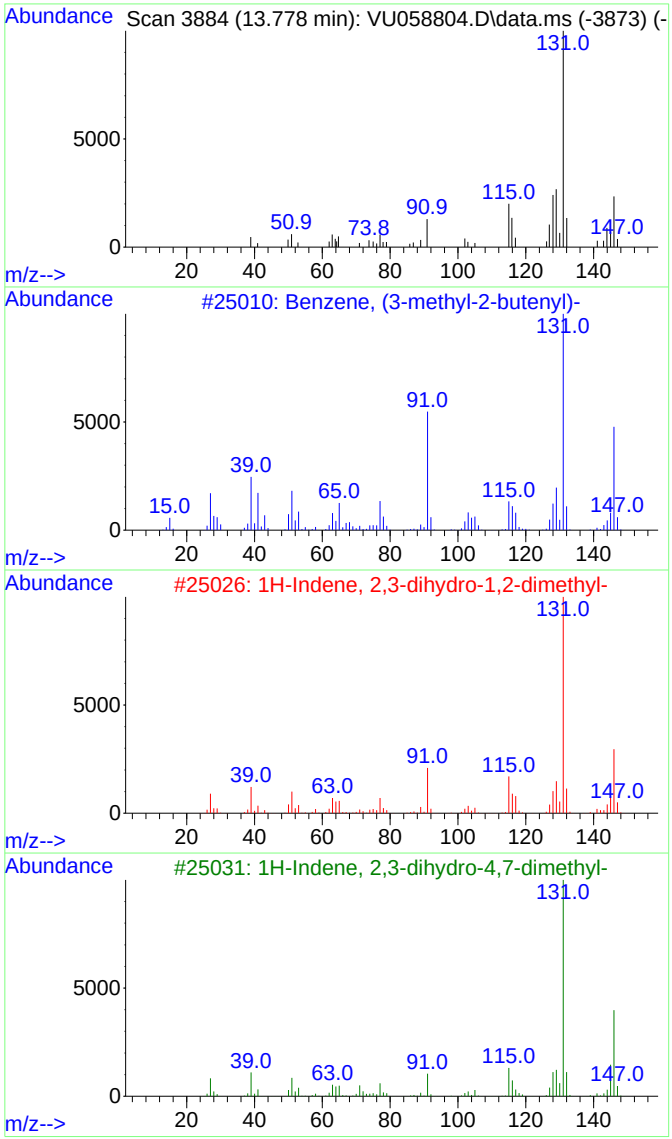
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

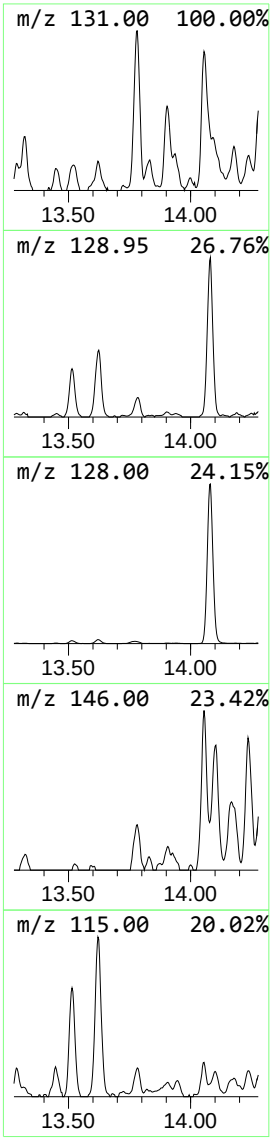
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (3-methyl-2-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	0.76 ug/L	38313	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	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

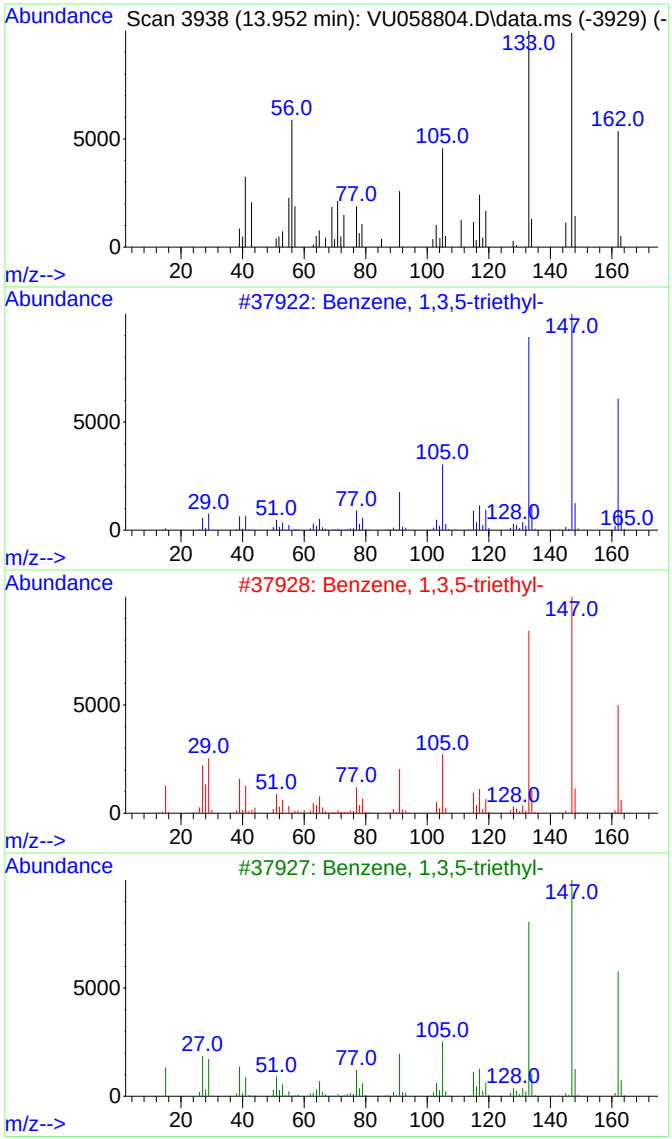
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

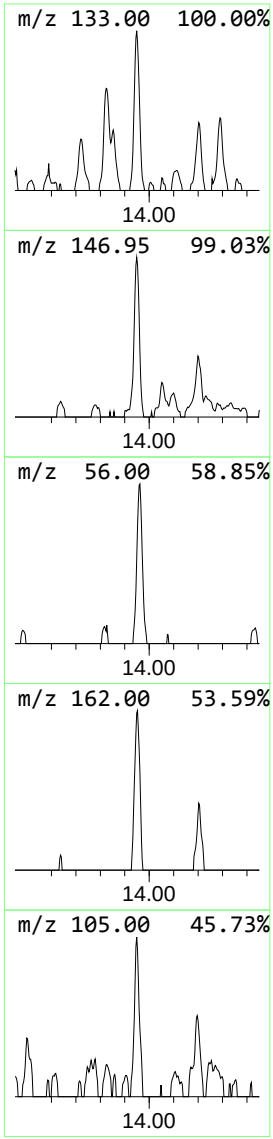
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3,5-triethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.952	0.89 ug/L	44561	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	76
2	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	76
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	74
4	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	68
5	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

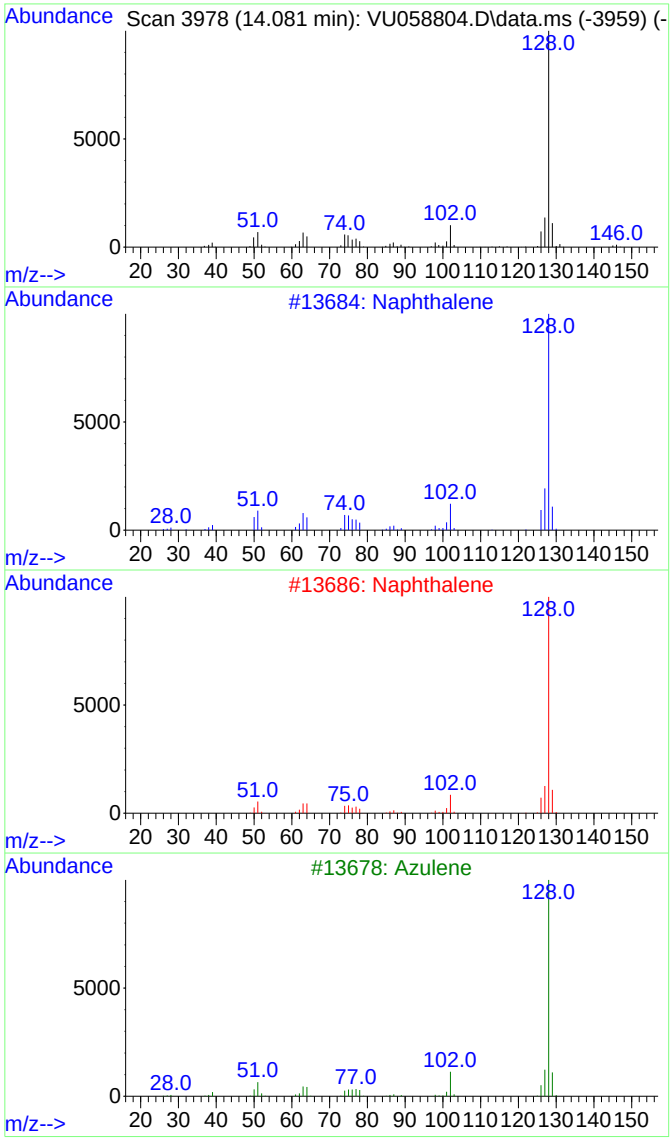
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

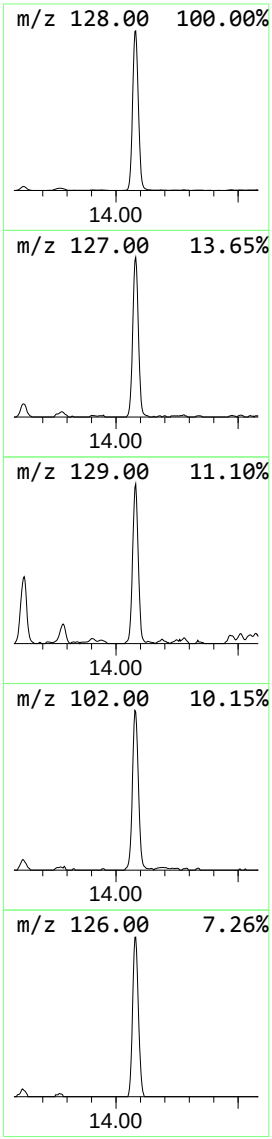
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	12.05 ug/L	606045	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

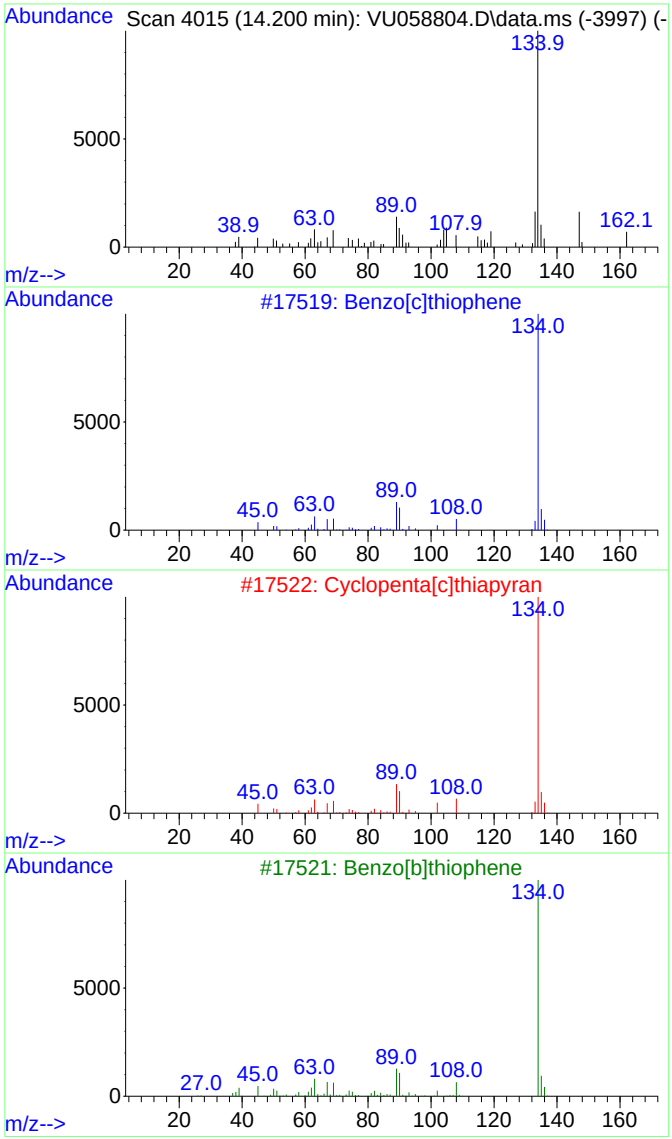
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

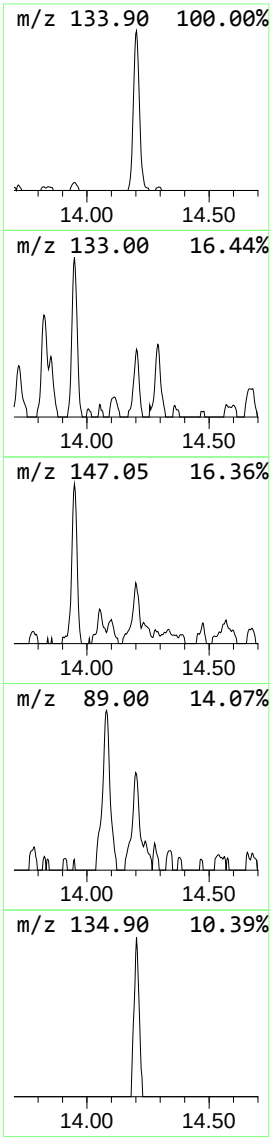
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	1.42 ug/L	71676	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	81
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	81
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	76
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	76
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

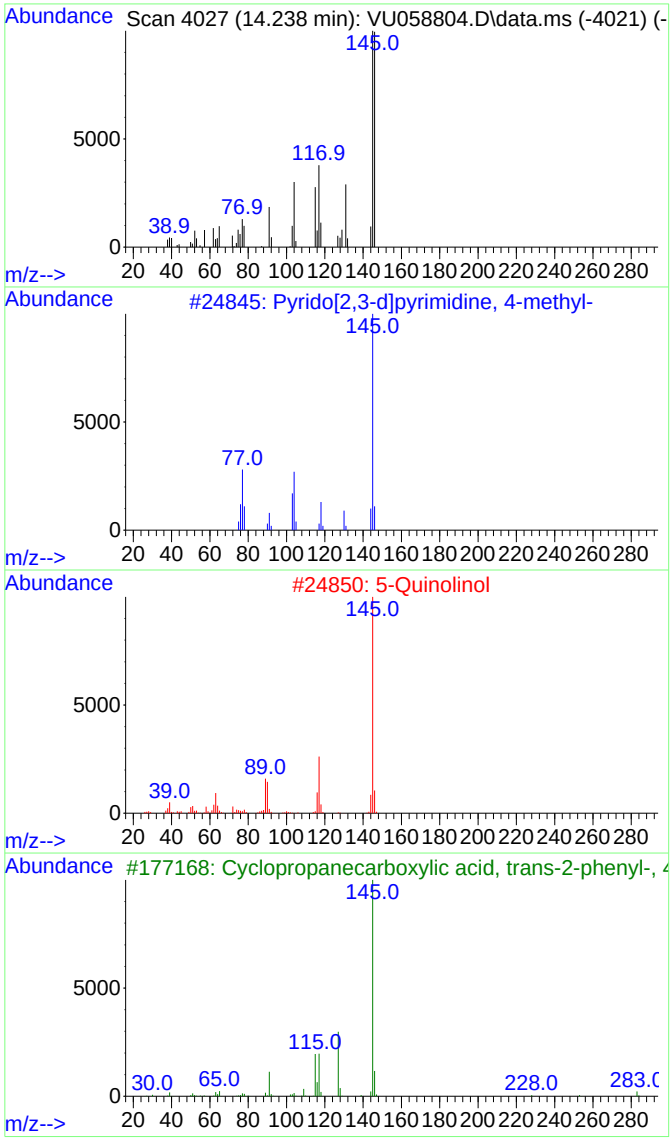
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

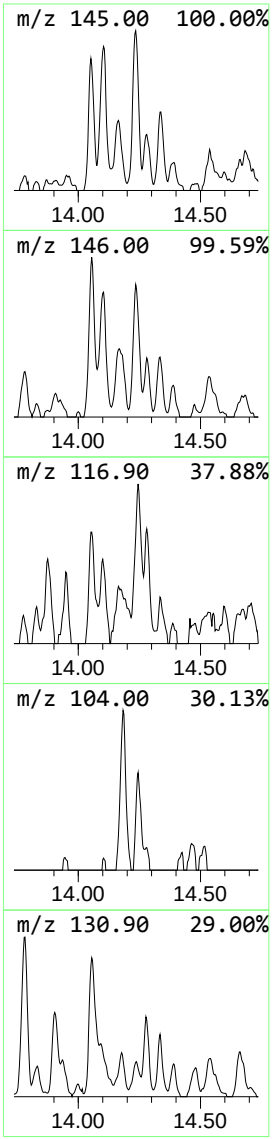
****

Peak Number 15 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.238	0.86 ug/L	43394	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-methyl-	145	C8H7N3	028732-71-0	35
2	5-Quinolinol	145	C9H7NO	000578-67-6	35
3	Cyclopropanecarboxylic acid, tra...	283	C16H13NO4	1000406-88-4	32
4	5-Quinolinol	145	C9H7NO	000578-67-6	27
5	5-Quinolinol	145	C9H7NO	000578-67-6	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

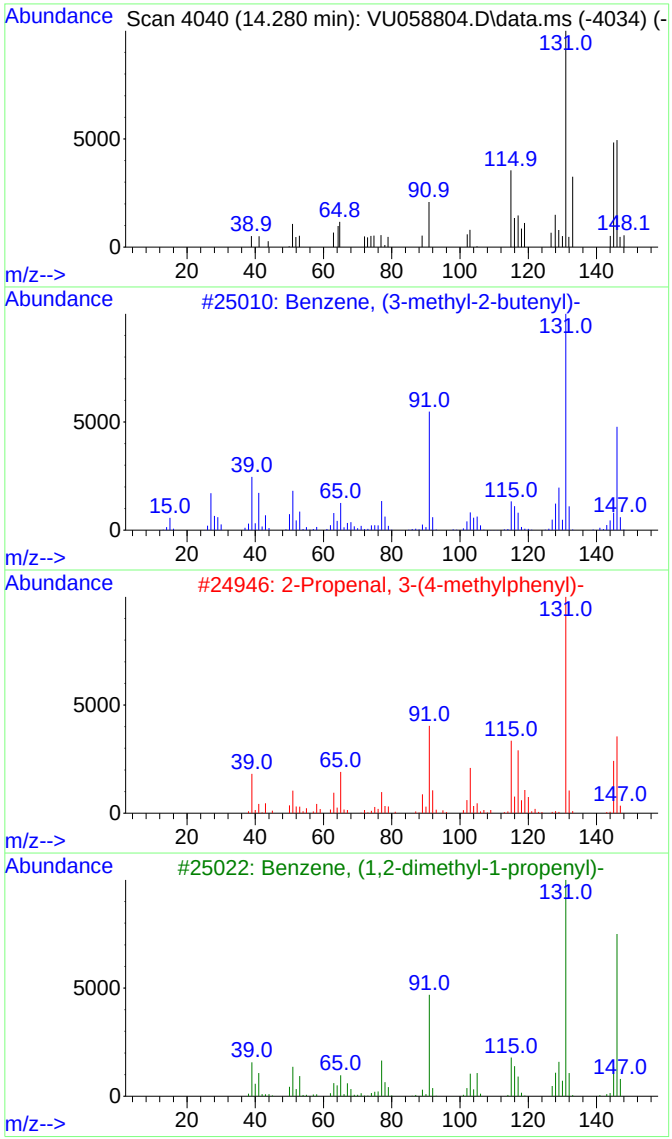
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

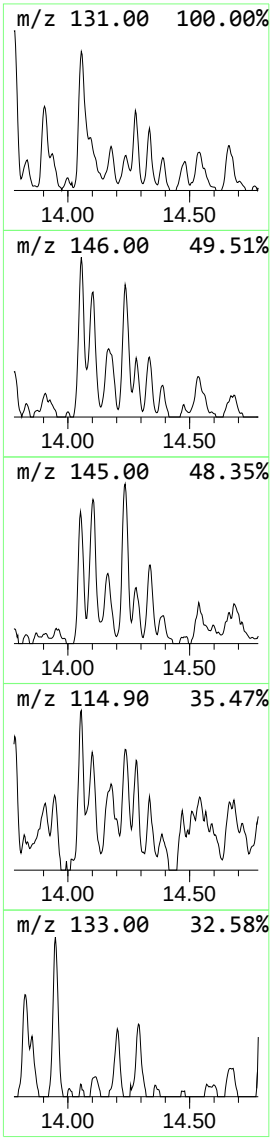
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Propenal, 3-(4-methylphen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	0.61 ug/L	30673	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	64
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

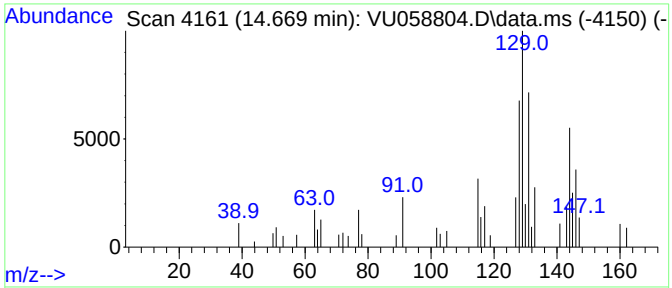
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

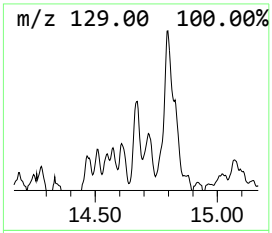
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

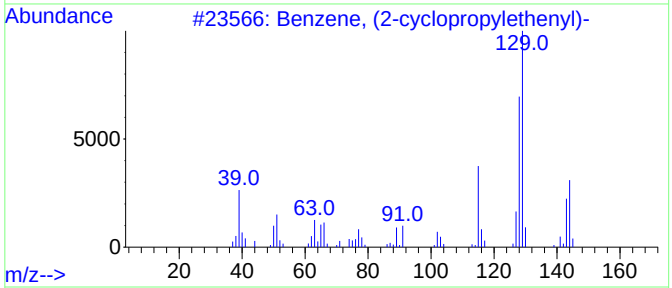
****
Peak Number 17 Benzene, (2-cyclopropylethe... Concentration Rank 18

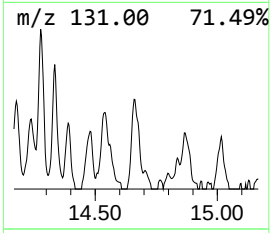
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	0.66 ug/L	33097	1,4-Dichlorobenzene-d4	11.807

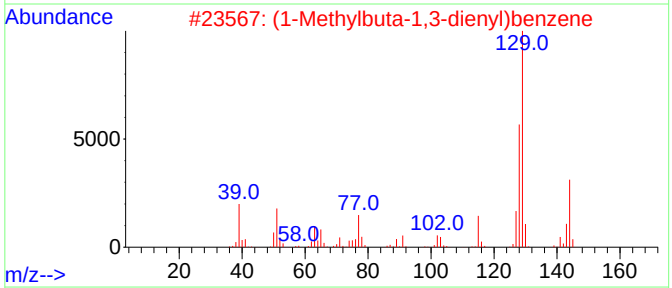
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	60
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	60
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	49
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	49
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	47

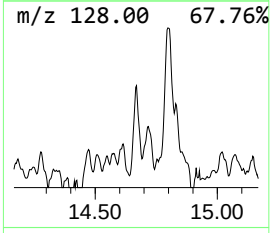


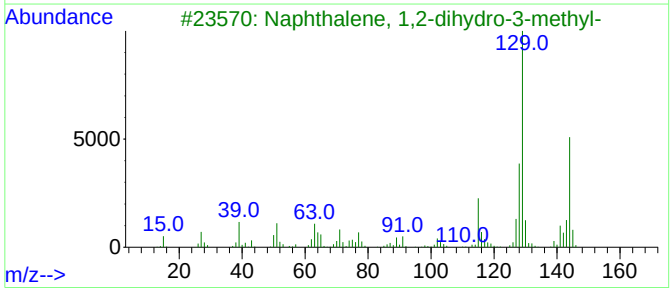


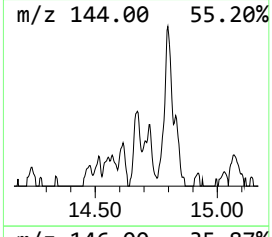


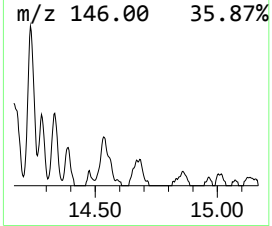












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

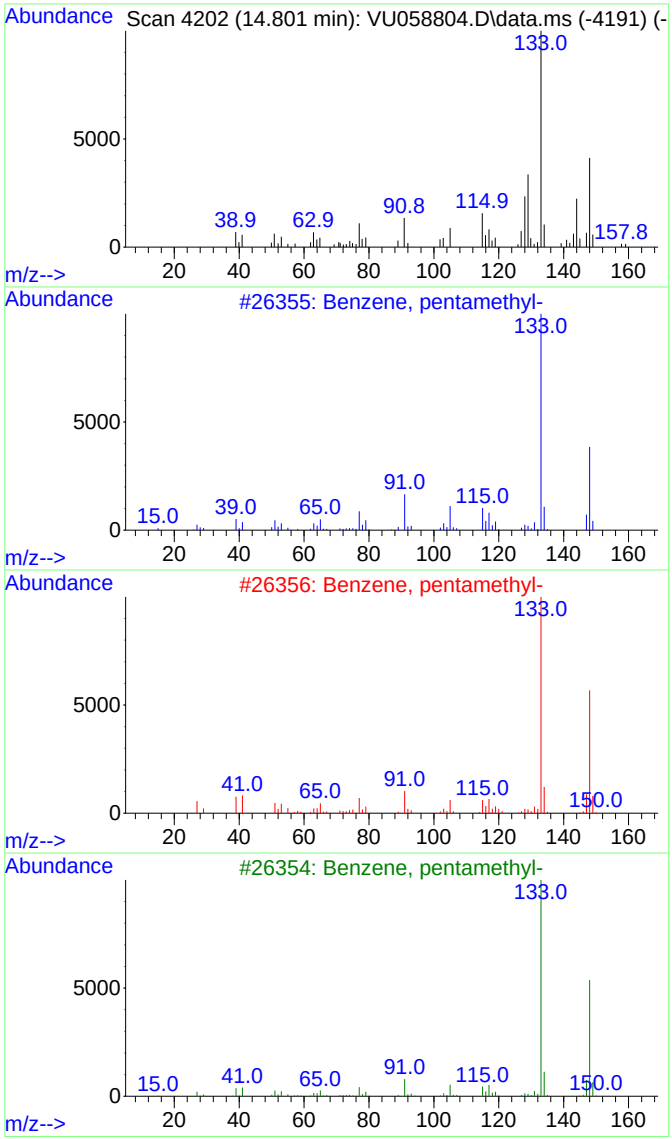
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

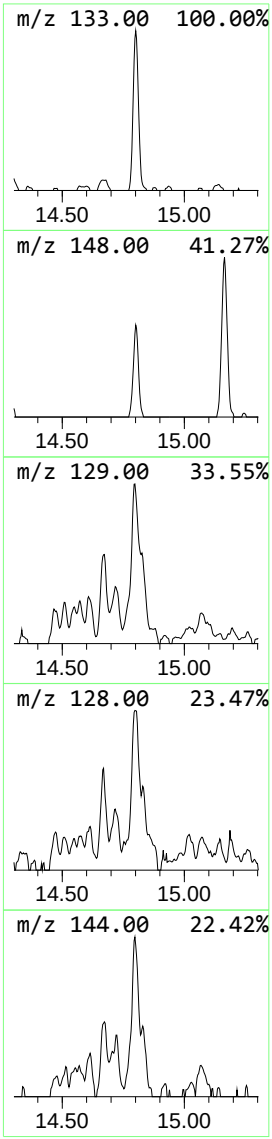
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	1.23 ug/L	61778	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	83
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	58
5	6-Methyl-4-indanol	148	C10H12O	020294-32-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

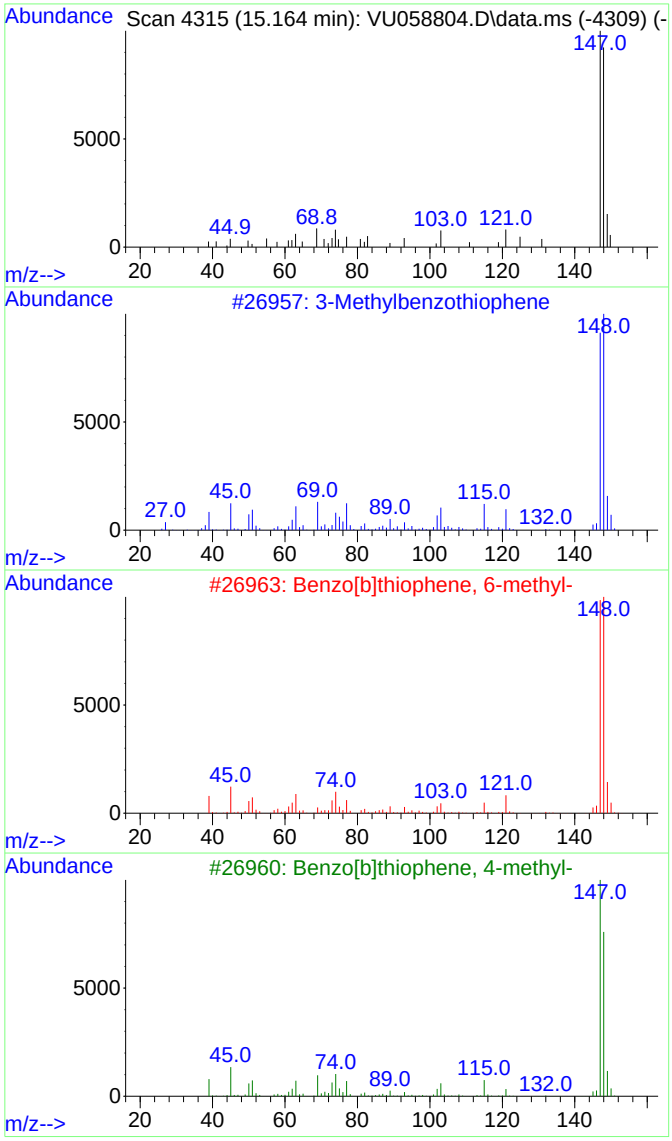
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

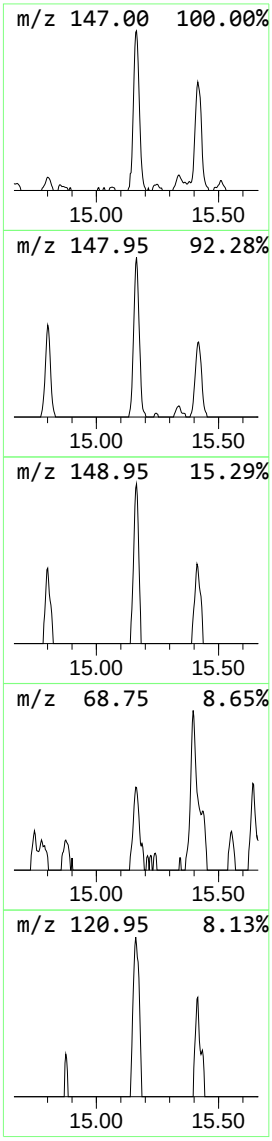
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3-Methylbenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	0.60 ug/L	30420	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
2	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	86
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86
4	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

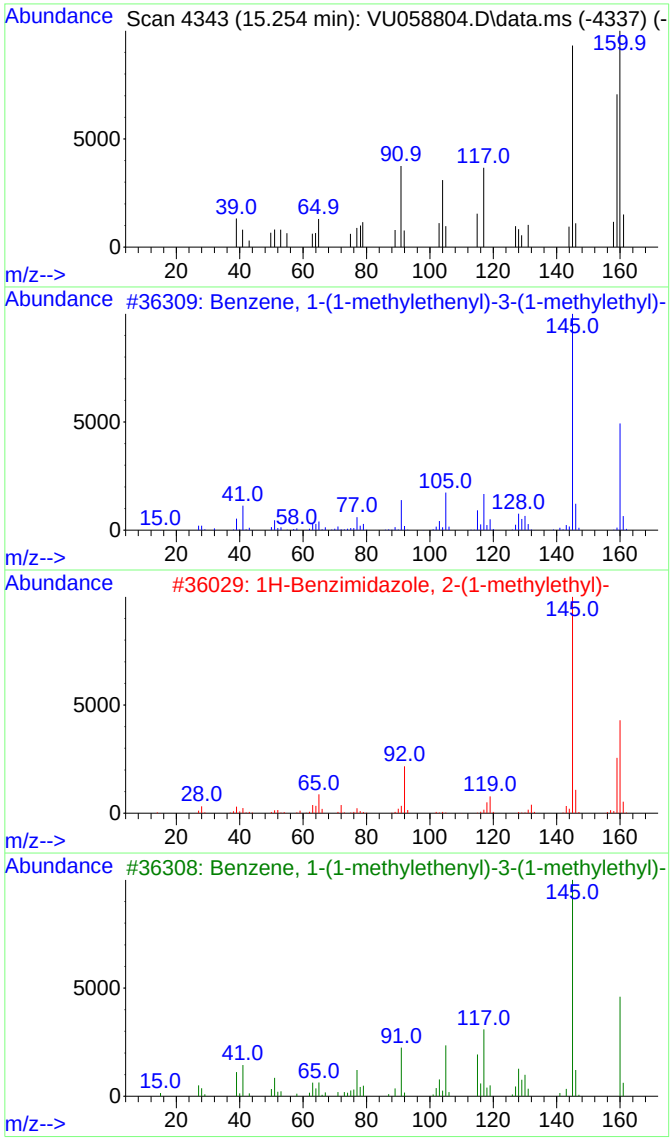
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

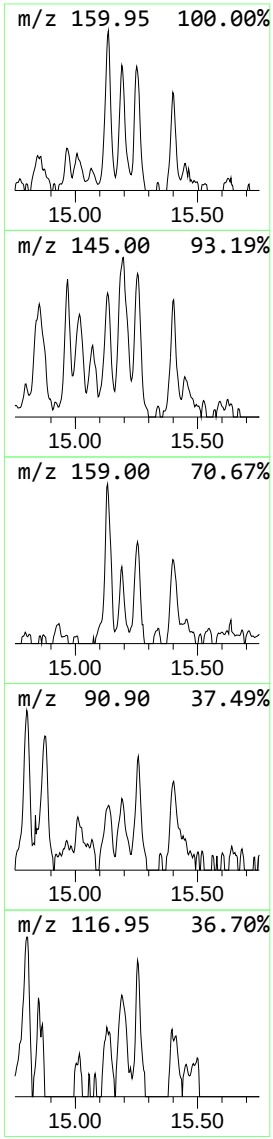
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-(1-methylethenyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.254	0.53 ug/L	26873	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
2	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	64
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

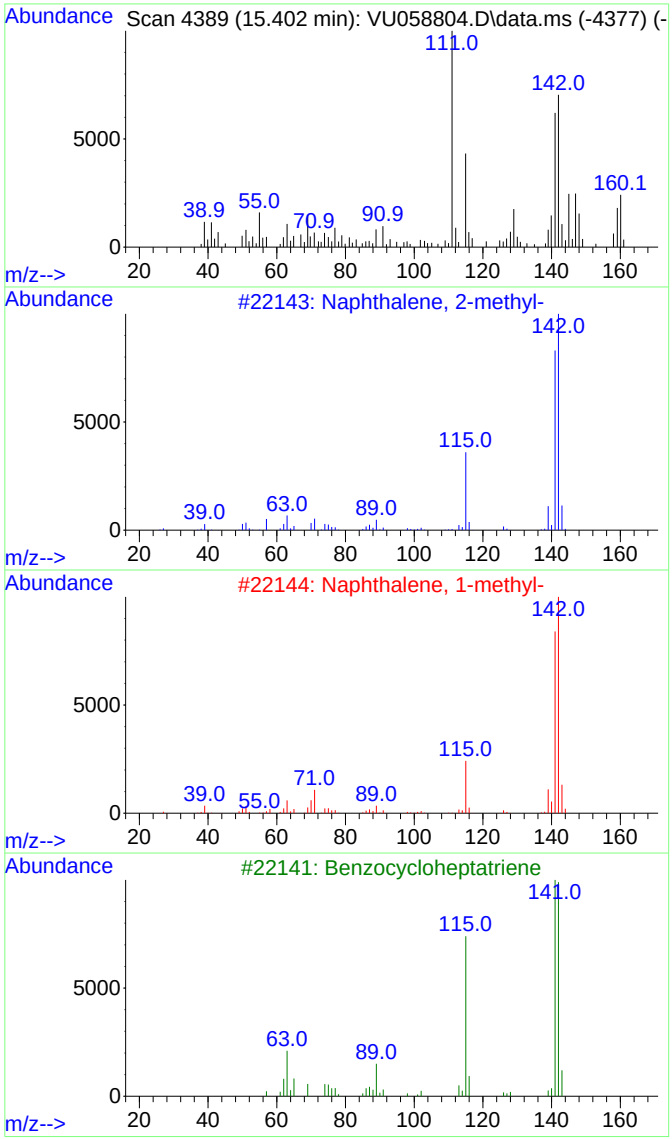
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

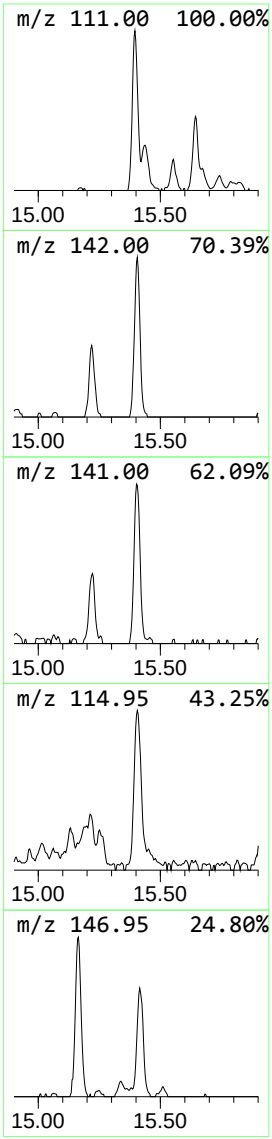
****

Peak Number 21 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.402	2.83 ug/L	142438	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	83
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	46
3	Benzocycloheptatriene	142	C11H10	000264-09-5	46
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	46
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

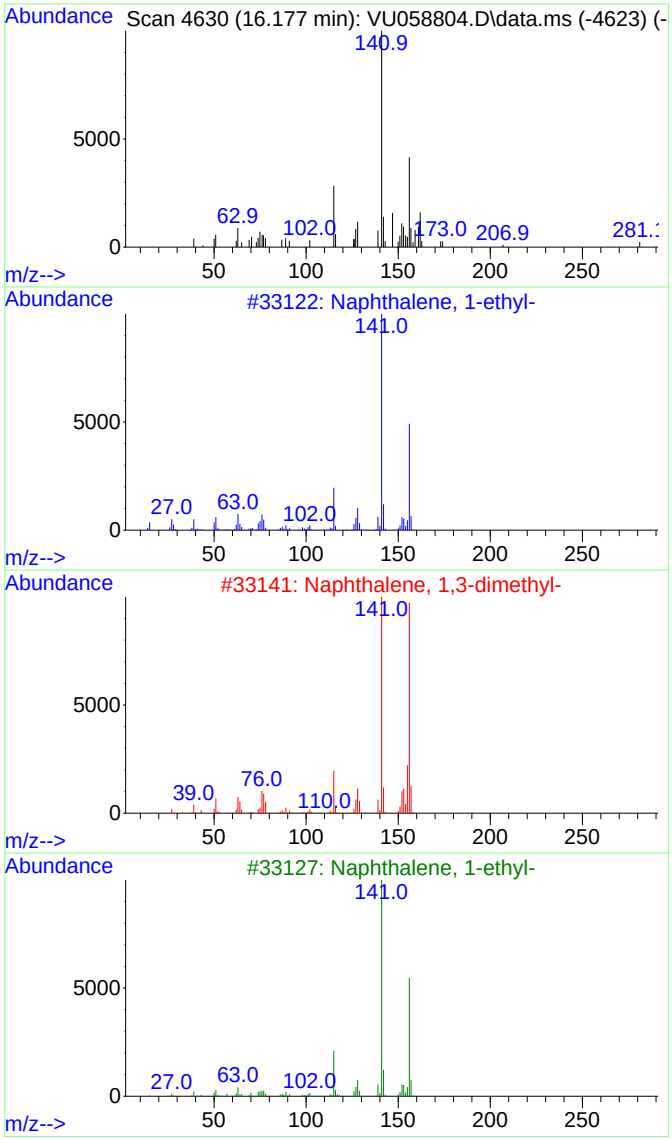
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

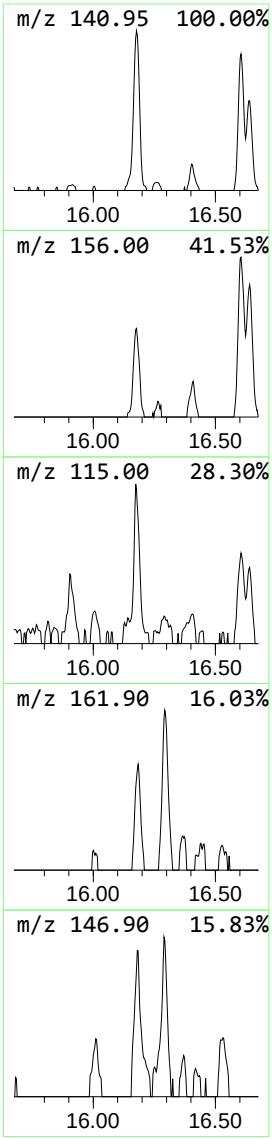
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.177	0.64 ug/L	31953	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	81
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	68
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

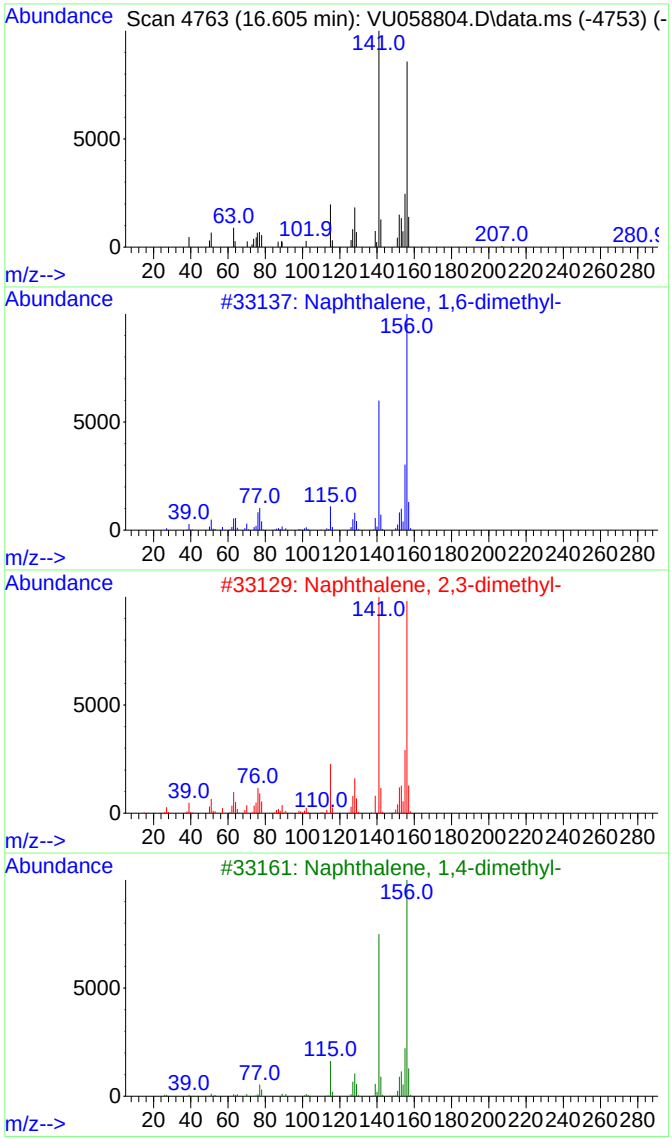
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

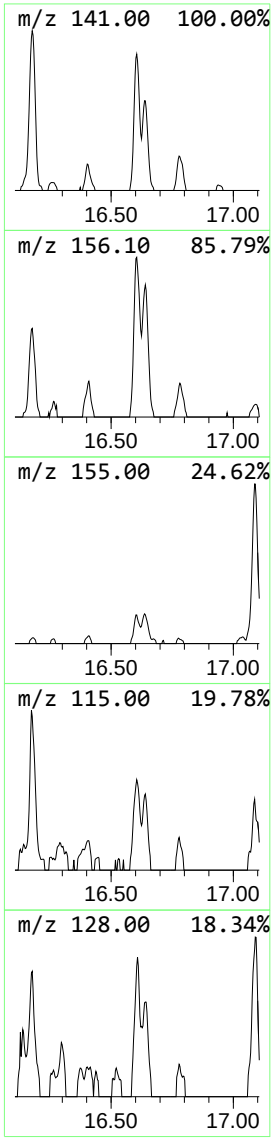
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.605	0.60 ug/L	30158	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

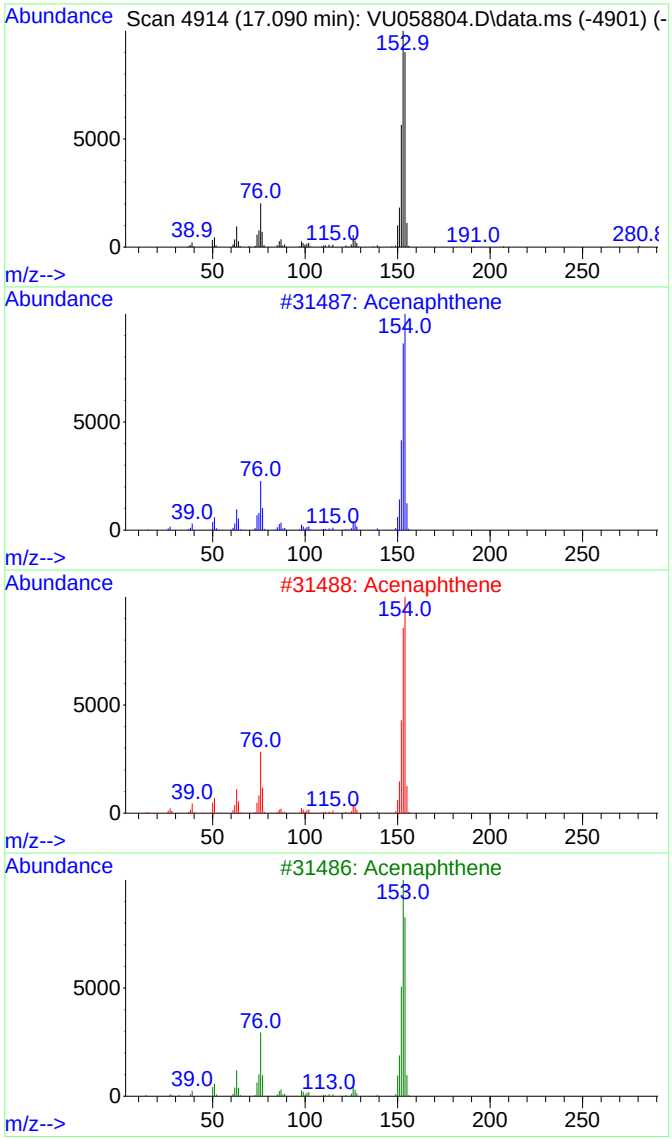
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0

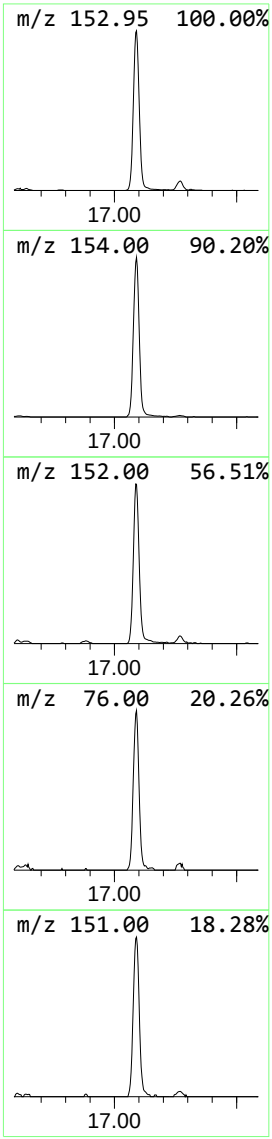
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 2-ethenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	7.01 ug/L	352445	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	91
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	89
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.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
Benzene, 1-chlo...	9.496	4.2	ug/L	200639	2	9.412	240047	5.0
Indane	12.087	2.8	ug/L	142345	3	11.807	251527	5.0
Benzene, 1,2-di...	12.299	1.1	ug/L	57563	3	11.807	251527	5.0
Benzene, (1-met...	12.676	1.5	ug/L	73792	3	11.807	251527	5.0
Benzofuran, 7-m...	12.920	0.5	ug/L	25237	3	11.807	251527	5.0
Benzofuran, 2-m...	13.020	1.1	ug/L	52649	3	11.807	251527	5.0
3-Phenylbut-1-ene	13.447	0.7	ug/L	34909	3	11.807	251527	5.0
Benzene, 1-buty...	13.515	1.0	ug/L	52065	3	11.807	251527	5.0
1H-Indene, 1-me...	13.621	1.7	ug/L	86820	3	11.807	251527	5.0
Benzene, (3-met...	13.778	0.8	ug/L	38313	3	11.807	251527	5.0
Benzene, 1,3,5-...	13.952	0.9	ug/L	44561	3	11.807	251527	5.0
Azulene	14.081	12.1	ug/L	606045	3	11.807	251527	5.0
Benzo[c]thiophene	14.200	1.4	ug/L	71676	3	11.807	251527	5.0
unknown-01	14.238	0.9	ug/L	43394	3	11.807	251527	5.0
2-Propenal, 3-(...	14.280	0.6	ug/L	30673	3	11.807	251527	5.0
Benzene, (2-cyc...	14.669	0.7	ug/L	33097	3	11.807	251527	5.0
Benzene, pentam...	14.801	1.2	ug/L	61778	3	11.807	251527	5.0
3-Methylbenzoth...	15.164	0.6	ug/L	30420	3	11.807	251527	5.0
Benzene, 1-(1-m...	15.254	0.5	ug/L	26873	3	11.807	251527	5.0
unknown-02	15.402	2.8	ug/L	142438	3	11.807	251527	5.0
Naphthalene, 1-...	16.177	0.6	ug/L	31953	3	11.807	251527	5.0
Naphthalene, 1,...	16.605	0.6	ug/L	30158	3	11.807	251527	5.0
Naphthalene, 2-...	17.090	7.0	ug/L	352445	3	11.807	251527	5.0