LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	85	95	119	rBV2	86573	128731	22.62%	1.561%
2	1.907	184	192	204	rBV	47017	76510	13.45%	0.928%
3	2.554	380	393	409	rBV2	100517	173328	30.46%	2.102%
4	3.036	530	543	563	rBV2	15337	31842	5.60%	0.386%
5	3.174	575	586	603	rVB3	2603	6518	1.15%	0.079%
6	3.348	631	640	659	rBV7	3414	8344	1.47%	0.101%
7	4.653	1028	1046	1077	rBV2	163602	497880	87.50%	6.038%
8	5.052	1155	1170	1193	rBV	94936	213566	37.53%	2.590%
9	5.718	1358	1377	1410	rBV2	189976	504919	88.73%	6.124%
10	6.242	1528	1540	1569	rBV	160077	311931	54.82%	3.783%
11	6.538	1617	1632	1643	rBV9	4824	10336	1.82%	0.125%
12	6.682	1663	1677	1694	rBV	118738	233342	41.01%	2.830%
13	7.560	1938	1950	1970	rBV	53997	96259	16.92%	1.167%
14	7.891	2041	2053	2068	rBV	217075	373773	65.69%	4.533%
15	7.965	2068	2076	2093	rVB	27305	49351	8.67%	0.599%
16	8.177	2132	2142	2158	rBV	30708	54748	9.62%	0.664%
17	8.547	2247	2257	2273	rVB2	24508	41545	7.30%	0.504%
18	8.637	2273	2285	2324	rBV	256529	569030	100.00%	6.901%
19	9.412	2514	2526	2549	rBV	239517	450878	79.24%	5.468%
20	9.566	2563	2574	2590	rBV	24099	39482	6.94%	0.479%
21	9.692	2598	2613	2624	rBV	18816	34319	6.03%	0.416%
22	10.097	2729	2739	2761	rVB	29349	46941	8.25%	0.569%
23	10.483	2847	2859	2869	rBV3	8472	13094	2.30%	0.159%
24	10.753	2930	2943	2955	rBV	111033	180281	31.68%	2.186%
25	10.901	2975	2989	3003	rBV2	24160	43936	7.72%	0.533%
26	10.994	3008	3018	3022	rBV3	7604	10625	1.87%	0.129%
27	11.087	3036	3047	3061	rVV3	24085	38641	6.79%	0.469%
28	11.287	3098	3109	3126	rBV	40568	67129	11.80%	0.814%
29	11.463	3155	3164	3178	rBV	30390	48455	8.52%	0.588%
30	11.634	3200	3217	3231	rVB8	20070	45024	7.91%	0.546%
31	11.714	3232	3242	3244	rBV5	4760	6224	1.09%	0.075%
32	11.740	3244	3250	3256	rVV3	7827	11826	2.08%	0.143%
33	11.807	3256	3271	3288	rVV3	277801	509432	89.53%	6.178%
34	11.891	3288	3297	3307	rVB	17987	30893	5.43%	0.375%
35	12.094	3348	3360	3366	rBV2	37803	65314	11.48%	0.792%
36	12.187	3377	3389	3408	rVB2	289101	520062	91.39%	6.307%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	12.296	3414	3423	3435	rVB4	8315	12553	2.21%	0.152%
38	12.373	3438	3447	3459	rVB	25291	37225	6.54%	0.451%
39	12.460	3463	3474	3481	rBV	28695	47184	8.29%	0.572%
40	12.566	3497	3507	3514	rBV	41755	64537	11.34%	0.783%
41	12.608	3514	3520	3530	rVB3	15202	23290	4.09%	0.282%
42	12.679	3532	3542	3561	rBV4	36828	93626	16.45%	1.136%
43	12.804	3575	3581	3588	rVB5	5317	7546	1.33%	0.092%
44	12.865	3591	3600	3614	rVB5	12495	26779	4.71%	0.325%
45	12.965	3614	3631	3640	rBV2	40596	90160	15.84%	1.093%
46	13.020	3640	3648	3663	rVB	64281	98444	17.30%	1.194%
47	13.103	3663	3674	3679	rBV5	11522	19662	3.46%	0.238%
48	13.245	3707	3718	3724	rVV4	13006	20945	3.68%	0.254%
49	13.286	3724	3731	3742	rVV4	26458	42999	7.56%	0.521%
50	13.348	3745	3750	3757	rVB5	7887	10890	1.91%	0.132%
51	13.399	3757	3766	3772	rBV3	17972	28861	5.07%	0.350%
52	13.447	3772	3781	3792	rVV3	77371	147918	25.99%	1.794%
53	13.508	3793	3800	3810	rVV4	35072	64580	11.35%	0.783%
54	13.553	3810	3814	3822	rVV2	9795	12026	2.11%	0.146%
55	13.618	3825	3834	3853	rVB2	53148	91347	16.05%	1.108%
56	13.730	3857	3869	3877	rBV5	24119	42818	7.52%	0.519%
57	13.778	3877	3884	3891	rVV	17974	29484	5.18%	0.358%
58	13.833	3891	3901	3915	rVV6	44022	101566	17.85%	1.232%
59	13.904	3918	3923	3926	rVV4	15003	20771	3.65%	0.252%
60	13.936	3927	3933	3949	rVB3	30679	67236	11.82%	0.815%
61	14.055	3962	3970	3972	rBV4	4793	5909	1.04%	0.072%
62	14.087	3972	3980	3999	rVB2	23664	52964	9.31%	0.642%
63	14.187	4000	4011	4024	rVB4	23835	42282	7.43%	0.513%
64	14.280	4024	4040	4051	rBV5	31781	66256	11.64%	0.804%
65	14.338	4051	4058	4069	rVV6	15059	26030	4.57%	0.316%
66	14.479	4091	4102	4119	rBV2	39224	69192	12.16%	0.839%
67	14.573	4122	4131	4147	rVB3	10770	20633	3.63%	0.250%
68	14.675	4148	4163	4176	rBV7	62854	157803	27.73%	1.914%
69	14.804	4194	4203	4213	rVV	27090	43630	7.67%	0.529%
70	14.868	4214	4223	4235	rVB4	42277	70893	12.46%	0.860%
71	14.933	4235	4243	4252	rVB4	9366	14655	2.58%	0.178%
72	15.013	4256	4268	4281	rBV5	41577	77154	13.56%	0.936%
73	15.145	4301	4309	4315	rBV6	3880	6053	1.06%	0.073%
74	15.219	4315	4332	4342	rBV	170517	312834	54.98%	3.794%
75	15.341	4362	4370	4376	rBV7	8208	12968	2.28%	0.157%
76	15.405	4379	4390	4401	rVV	171107	281512	49.47%	3.414%

LSC Area Percent Report

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Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

77	15.457	4401	4406	4414	rVB6	10929	15830	2.78%	0.192%
78	15.756	4490	4499	4506	rBV9	3745	5875	1.03%	0.071%
79	15.920	4539	4550	4566	rVB3	20963	39620	6.96%	0.481%
80	16.145	4608	4620	4627	rBV2	16451	28236	4.96%	0.342%
81	16.180	4627	4631	4640	rVB7	8901	11627	2.04%	0.141%
82	16.257	4643	4655	4669	rBV4	26814	50597	8.89%	0.614%
83	16.405	4690	4701	4708	rBV2	33009	52970	9.31%	0.642%
84	16.444	4709	4713	4723	rVB2	15447	22034	3.87%	0.267%
85	16.640	4769	4774	4786	rVB8	6357	10838	1.90%	0.131%

Sum of corrected areas: 8245351

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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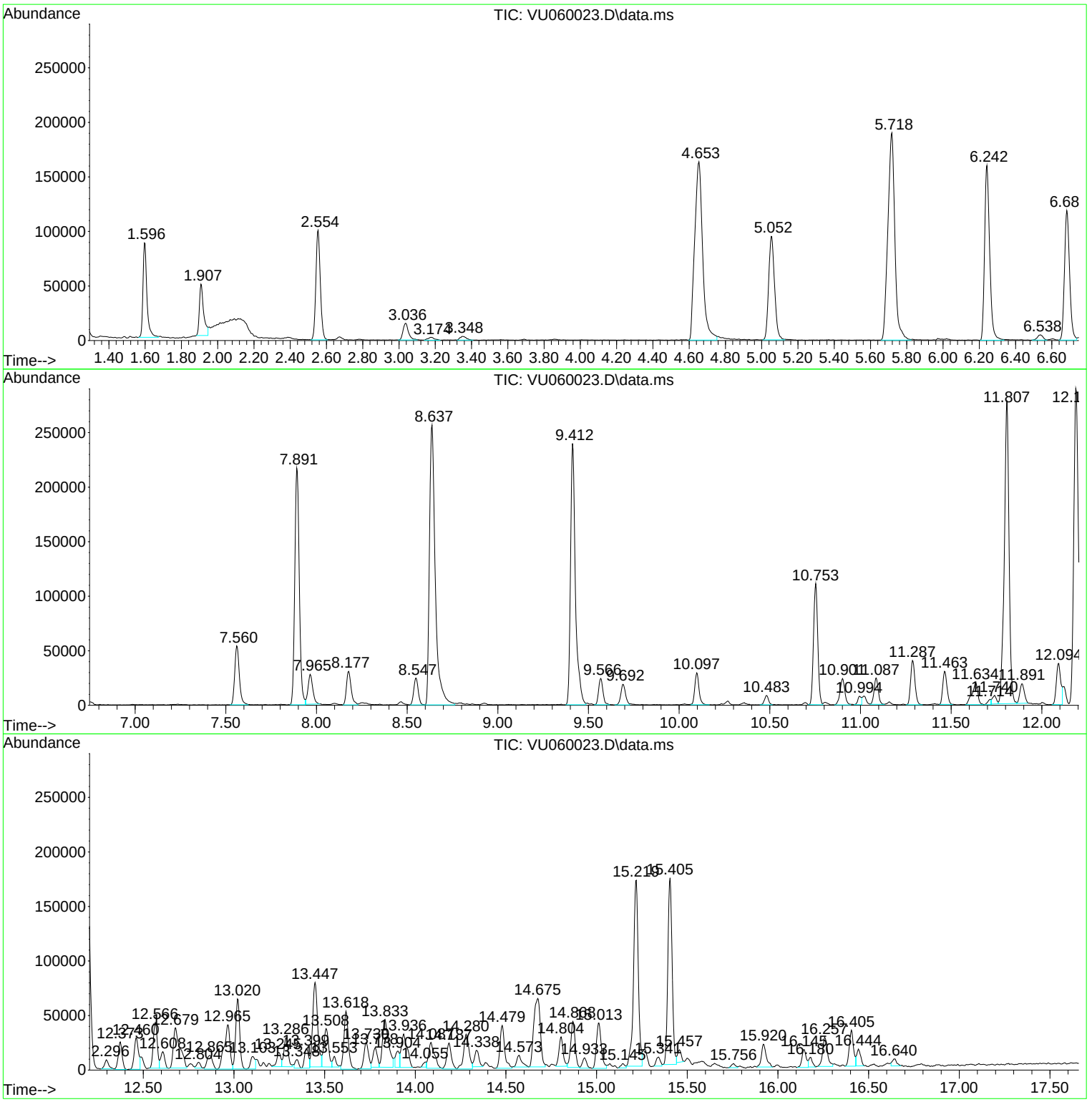
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

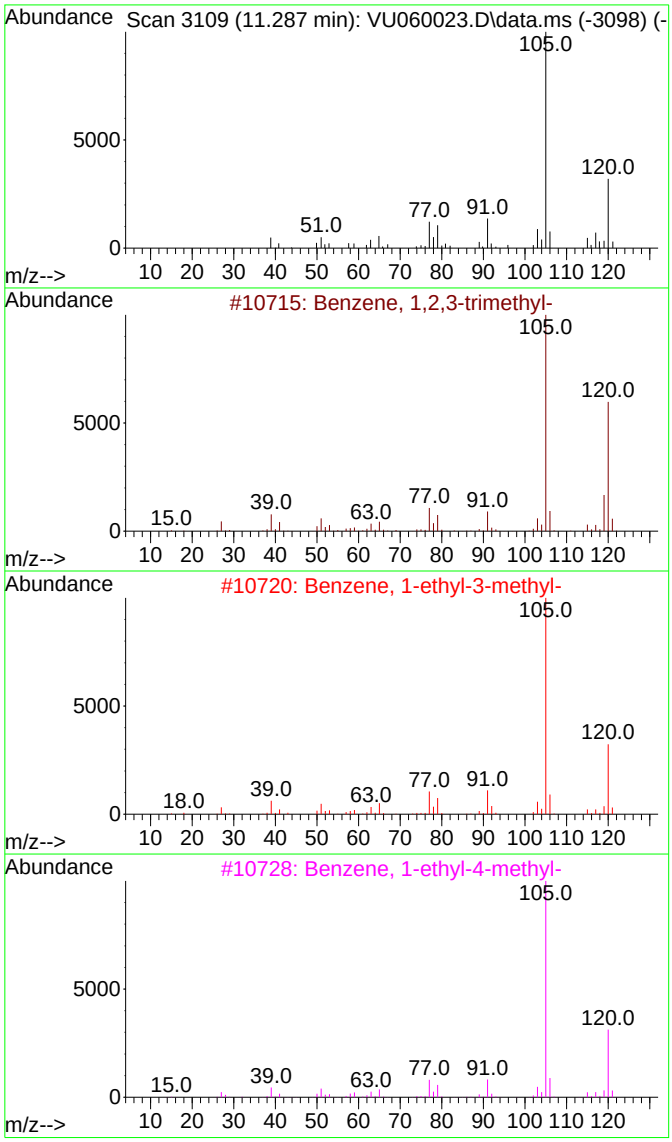
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

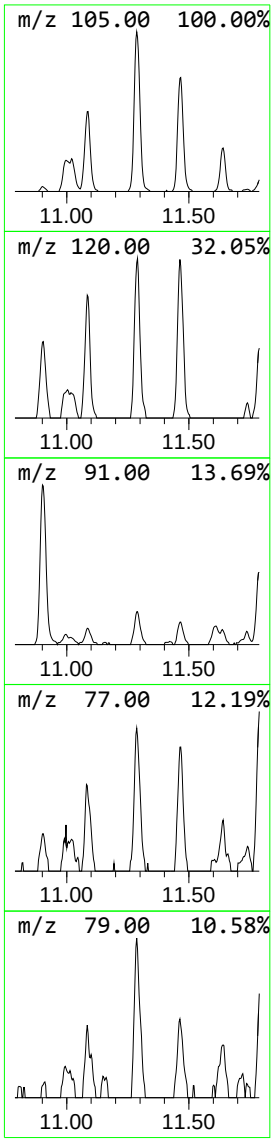
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	0.66 ug/L	67129	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

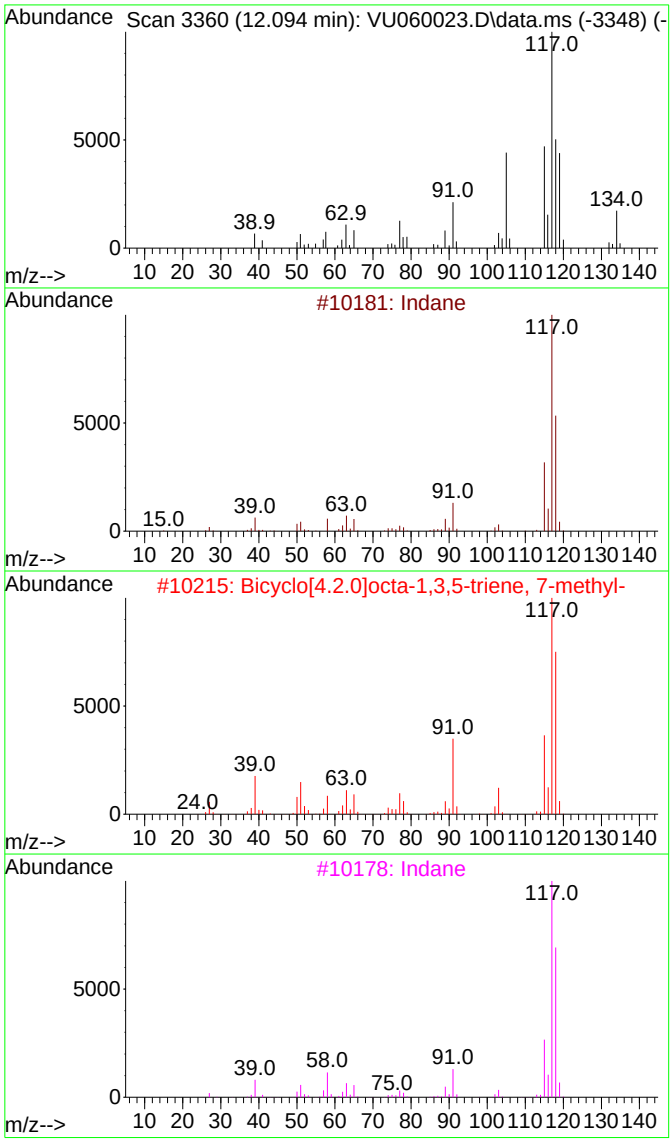
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

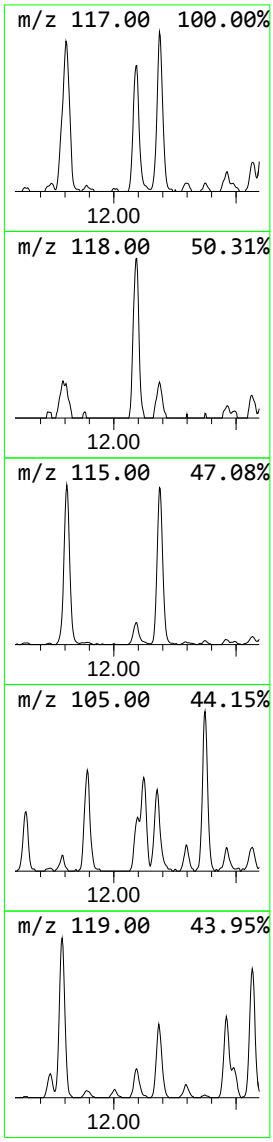
****

Peak Number 3 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.094	0.64 ug/L	65314	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	49
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	46
3	Indane	118	C9H10	000496-11-7	46
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

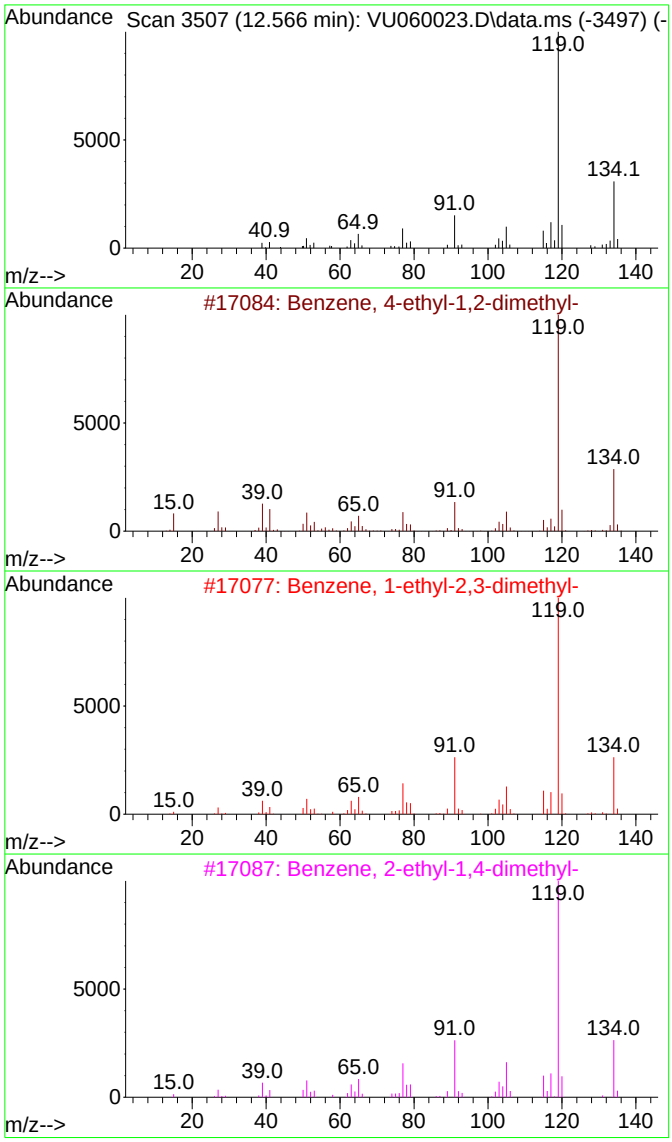
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

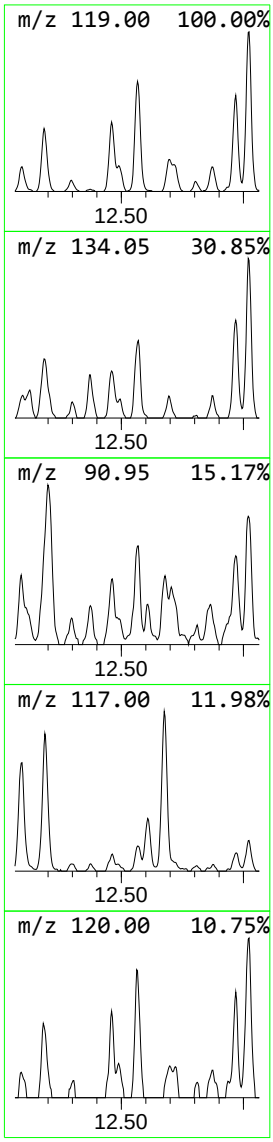
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	0.63 ug/L	64537	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

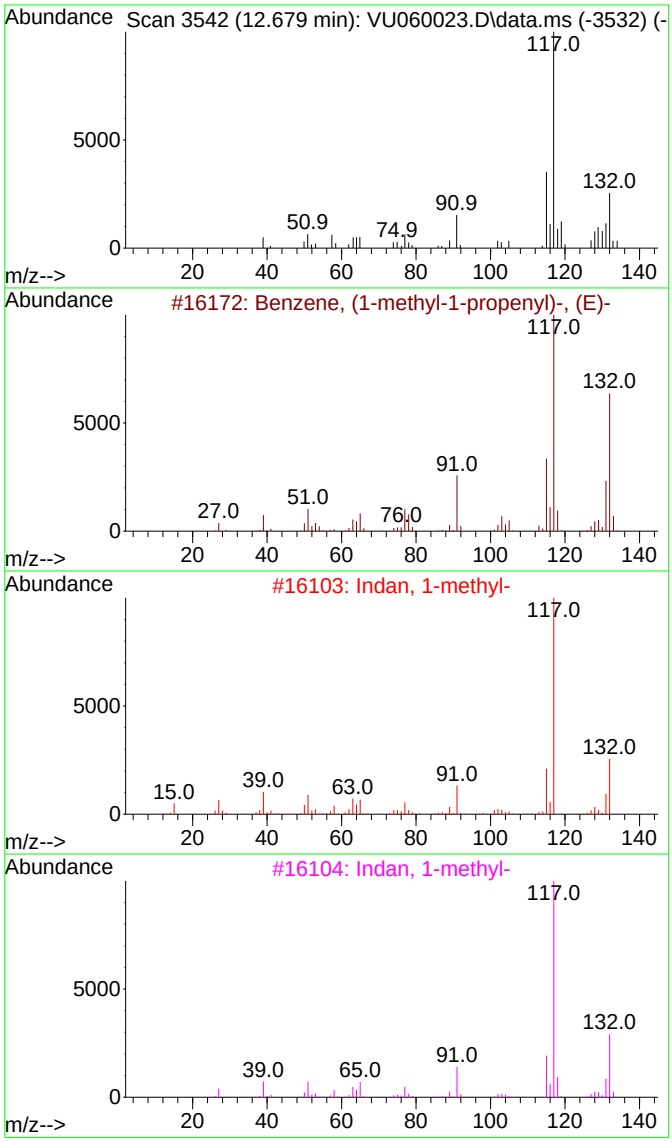
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

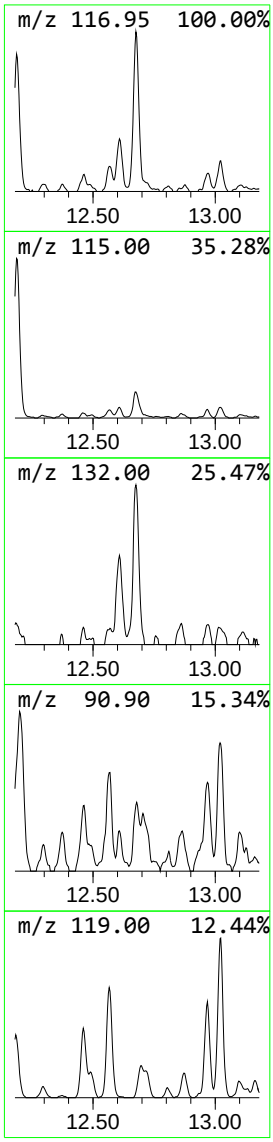
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	0.92 ug/L	93626	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	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

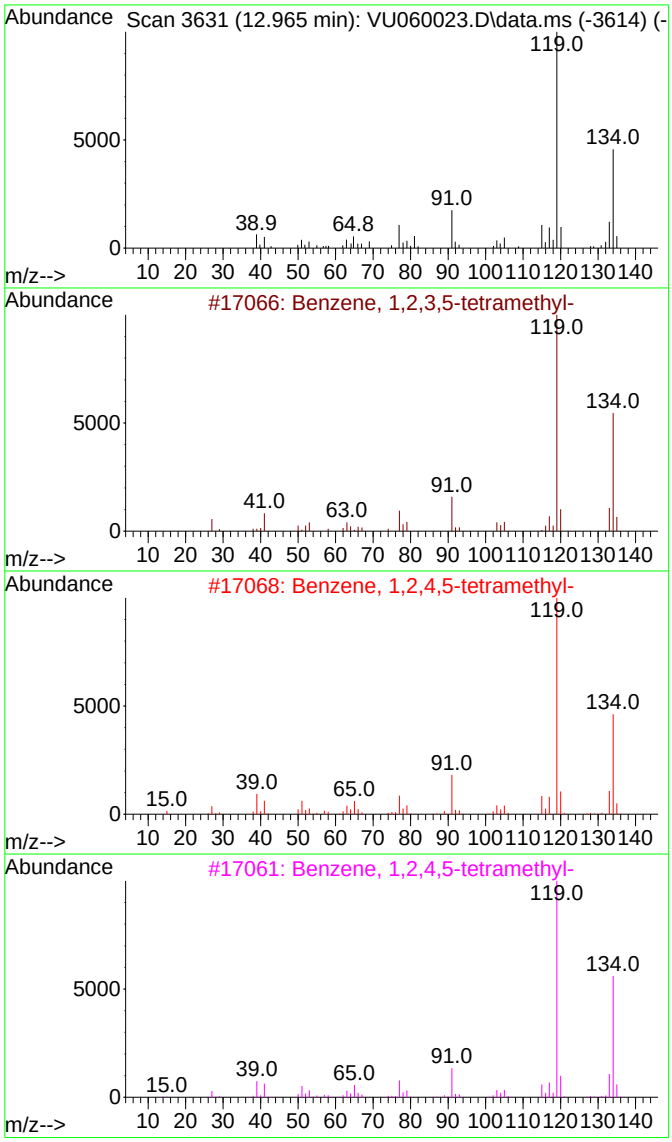
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

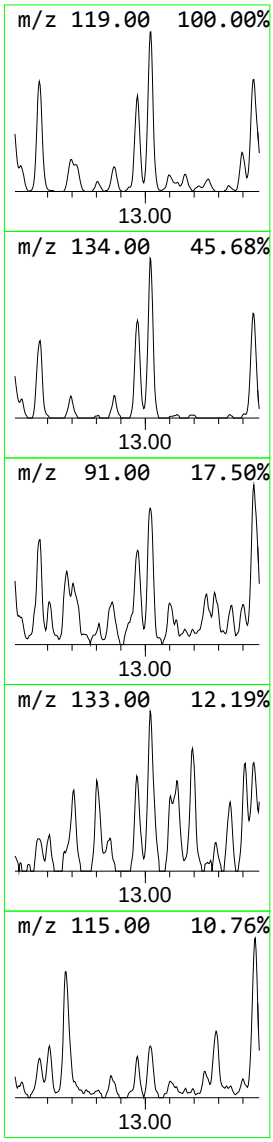
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	0.88 ug/L	90160	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

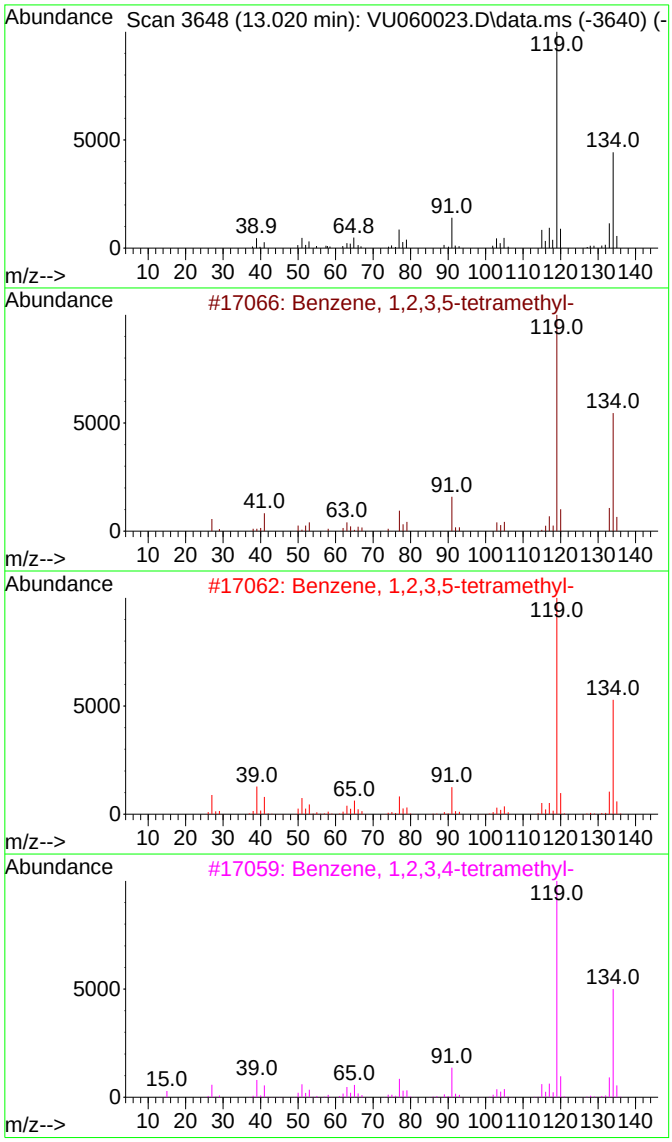
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

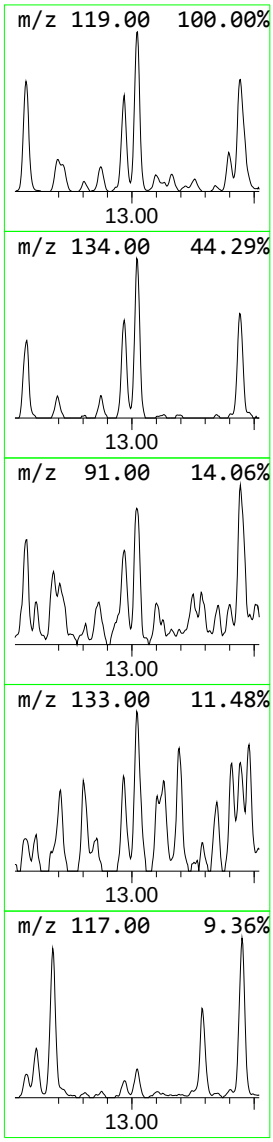
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.97 ug/L	98444	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

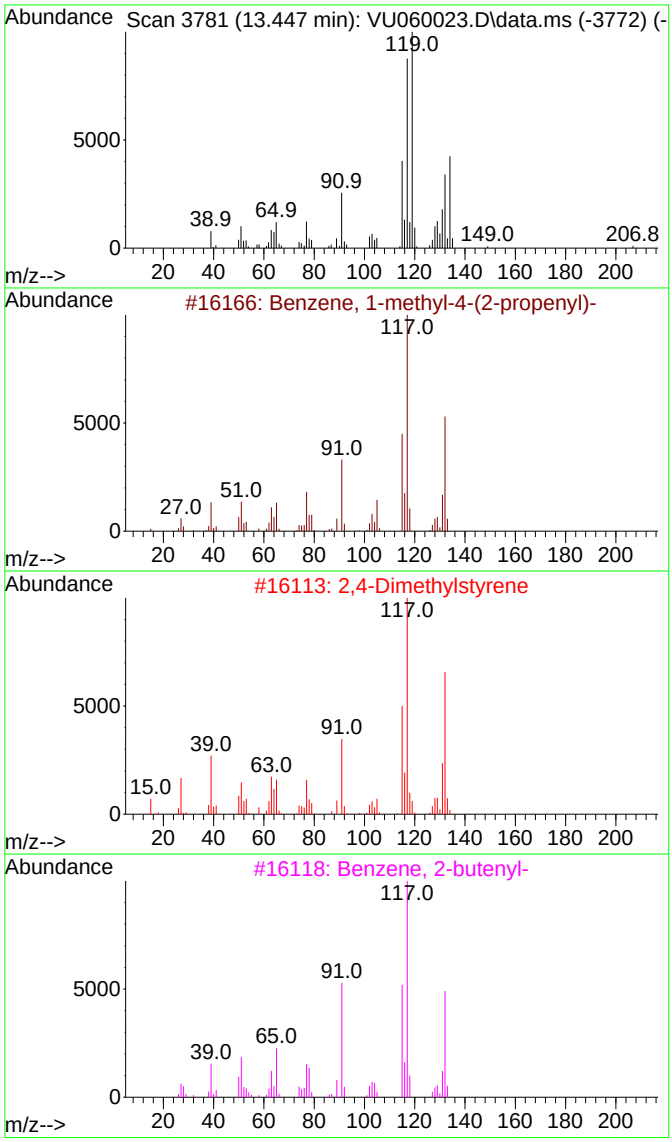
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

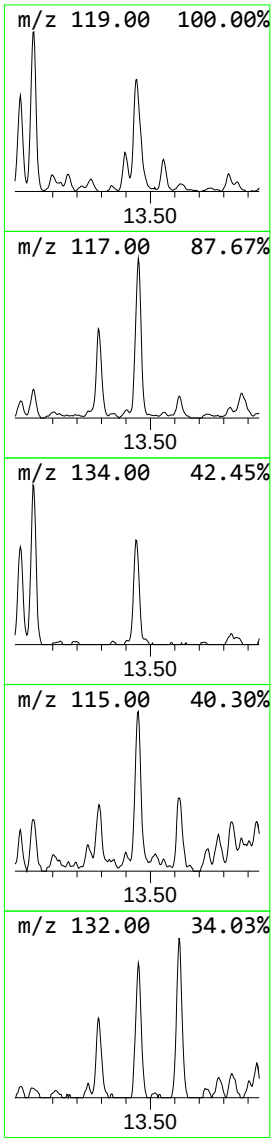
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	1.45 ug/L	147918	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64





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Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

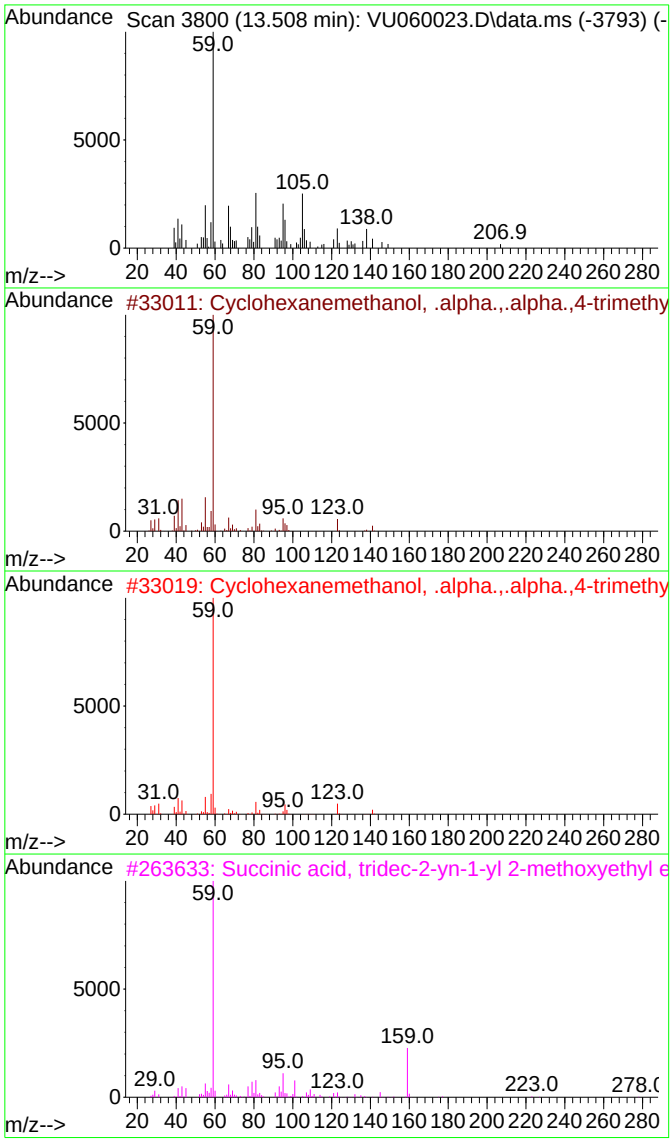
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

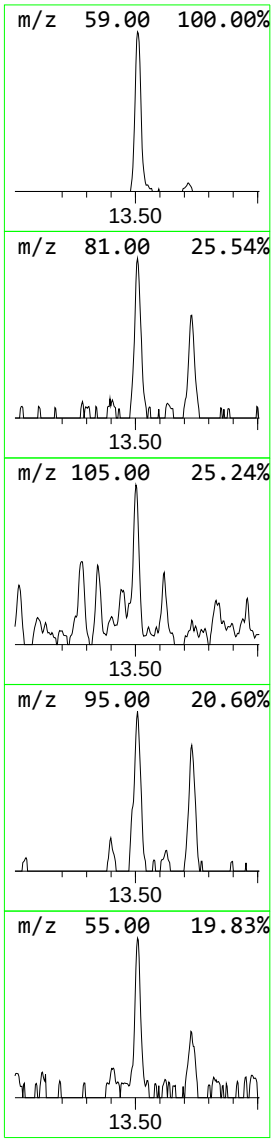
****

Peak Number 9 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	0.63 ug/L	64580	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	47
3	Succinic acid, tridec-2-yn-1-yl ...	354	C20H34O5	1000390-75-1	43
4	Cyclohexanemethanol, .alpha.,.al...	154	C10H18O	007299-42-5	40
5	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	40





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

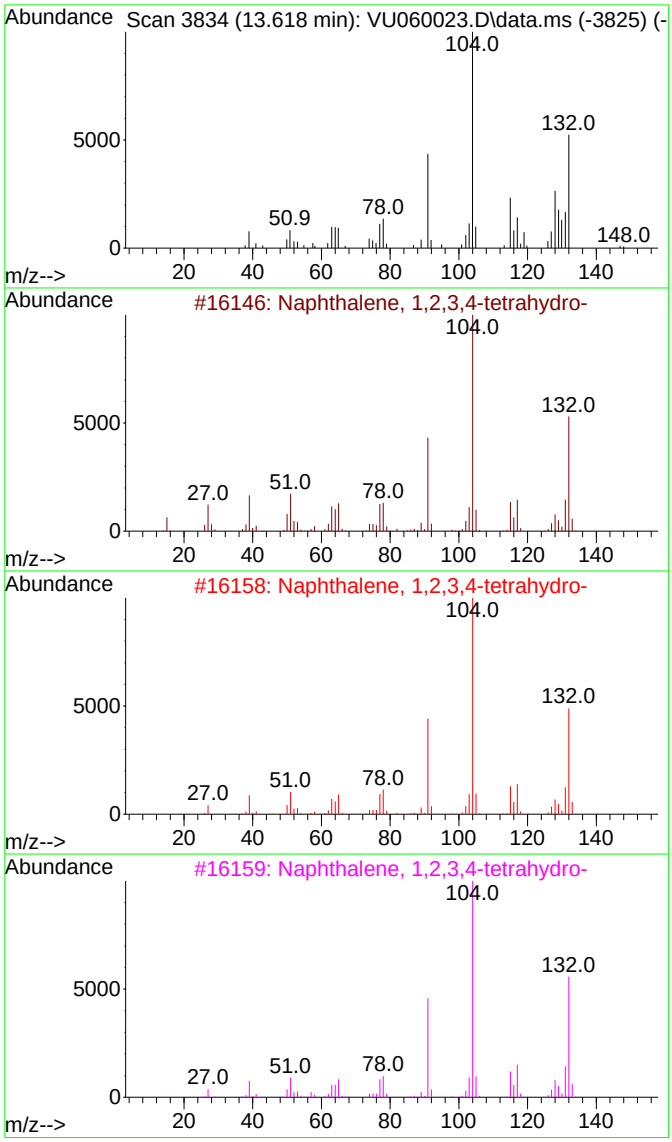
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

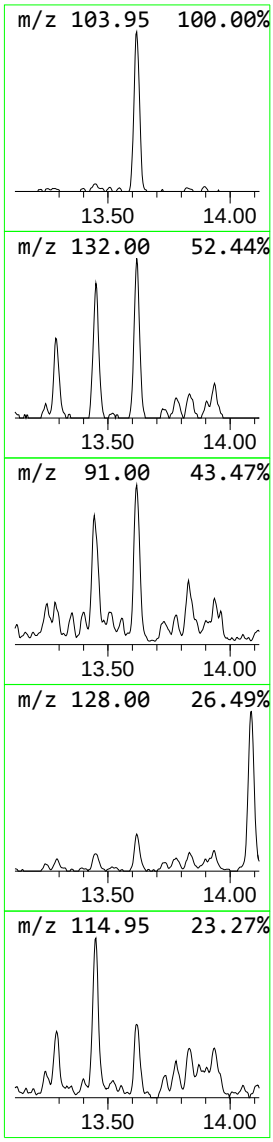
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	0.90 ug/L	91347	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

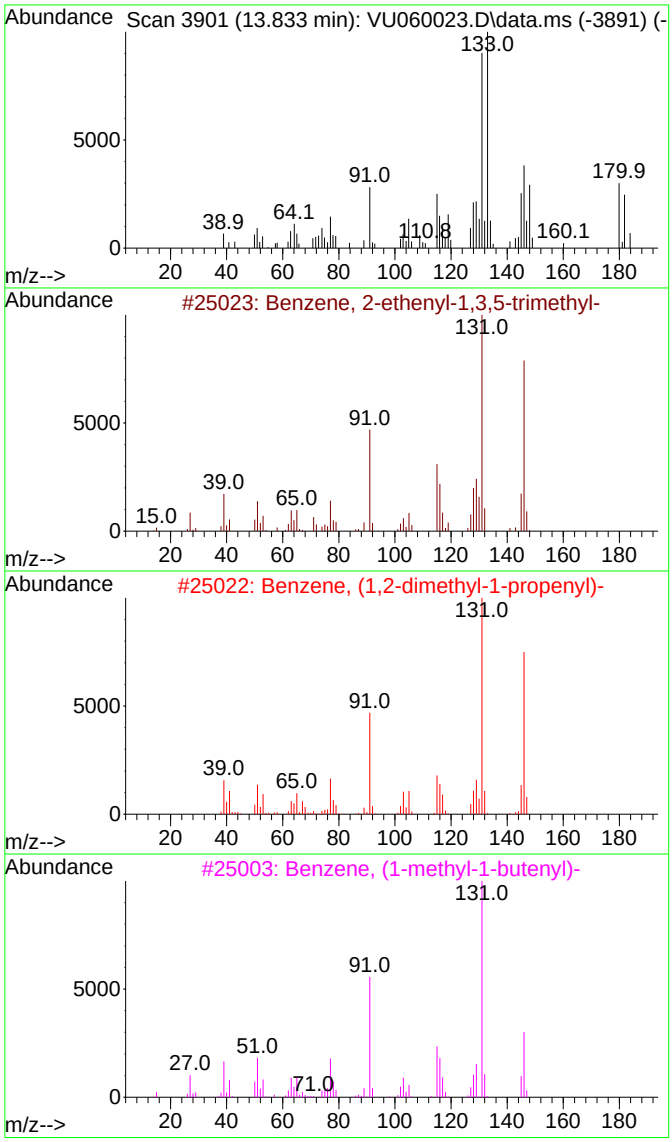
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

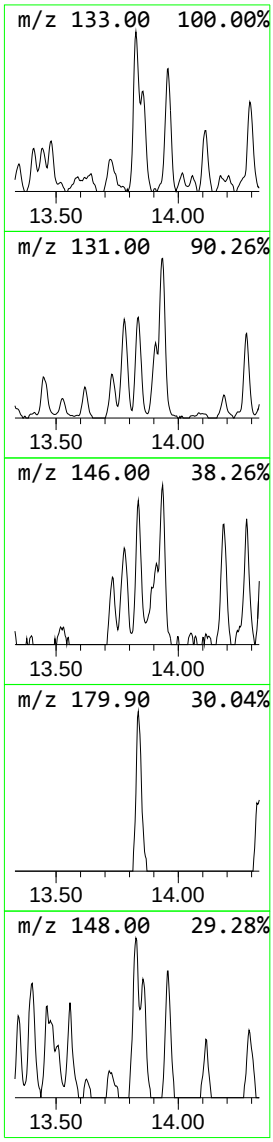
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	1.00 ug/L	101566	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	38
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30





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Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

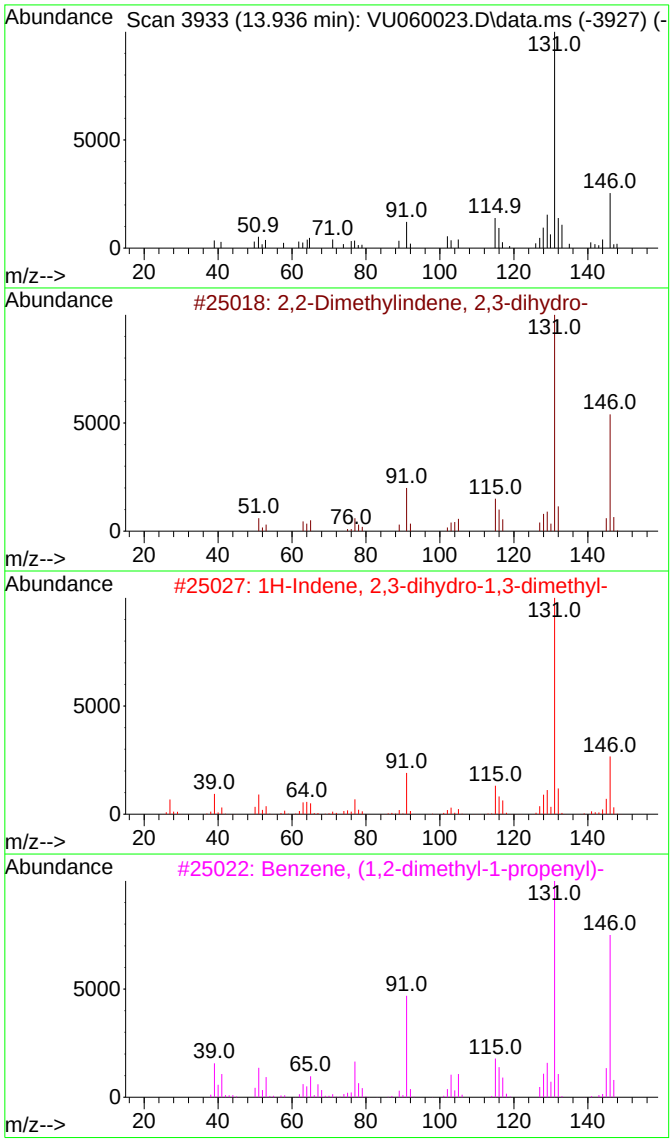
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

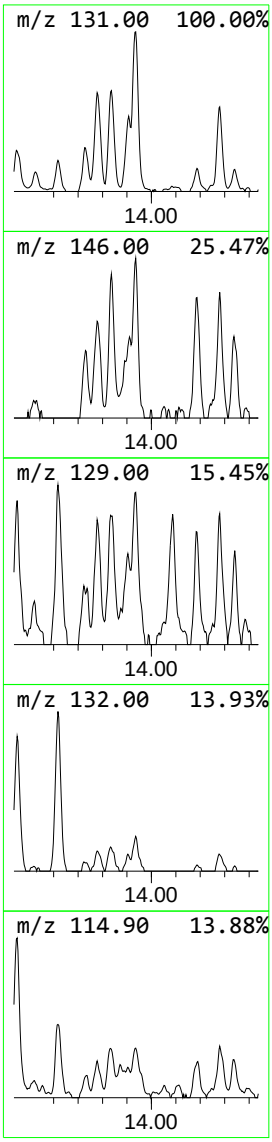
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,2-Dimethylindene, 2,3-dih... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	0.66 ug/L	67236	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

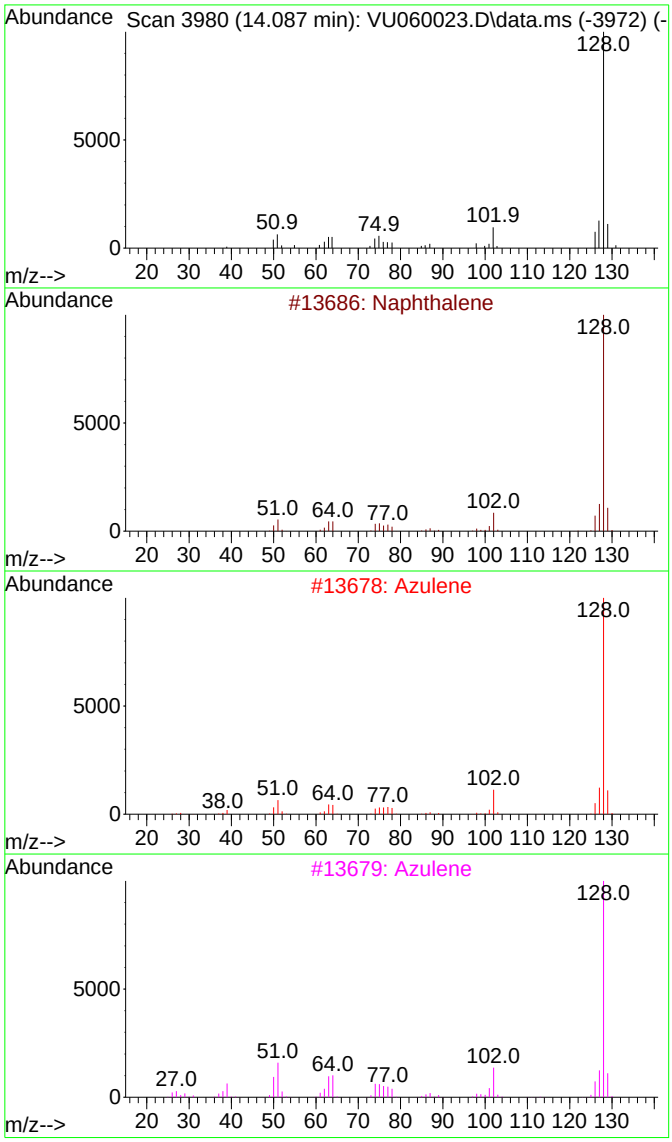
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

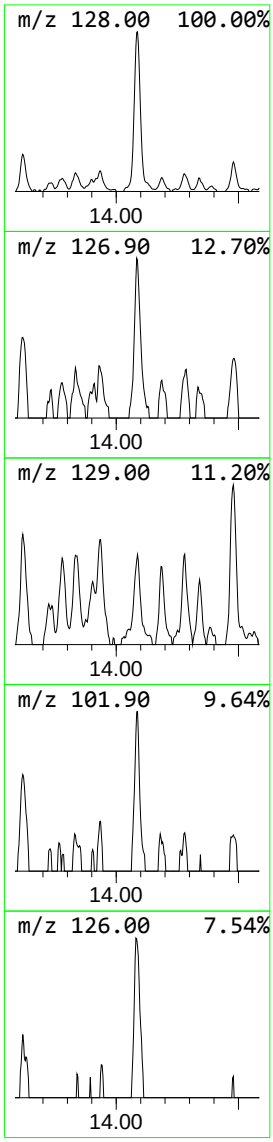
****

Peak Number 13 Azulene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	0.52 ug/L	52964	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	91
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5	Naphthalene	128	C10H8	000091-20-3	91





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

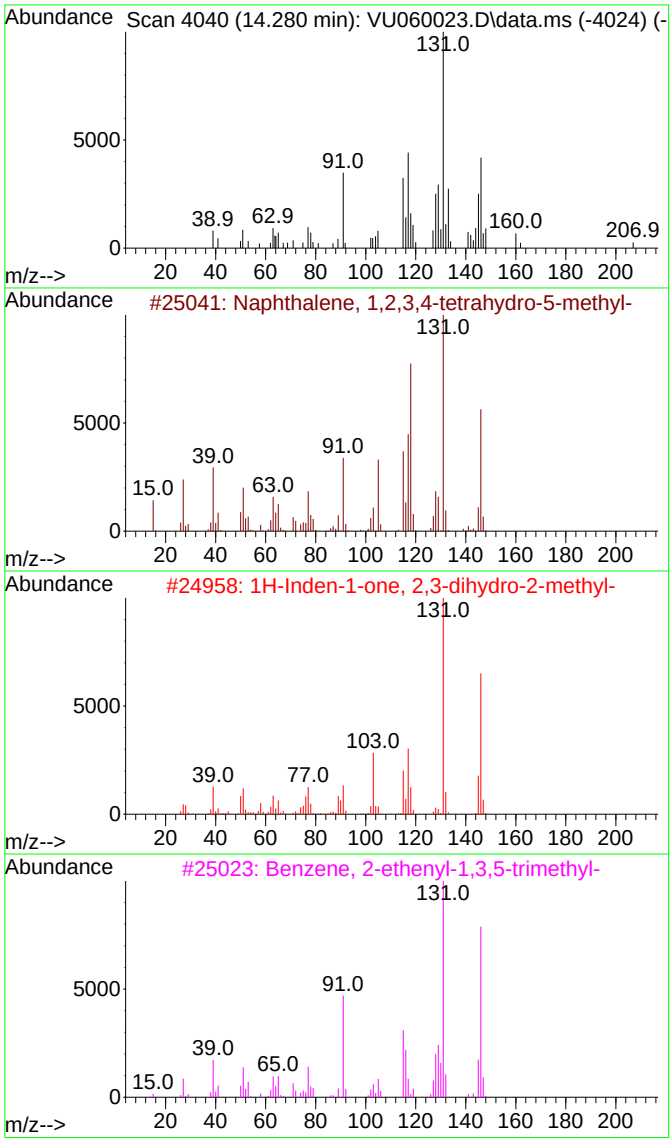
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

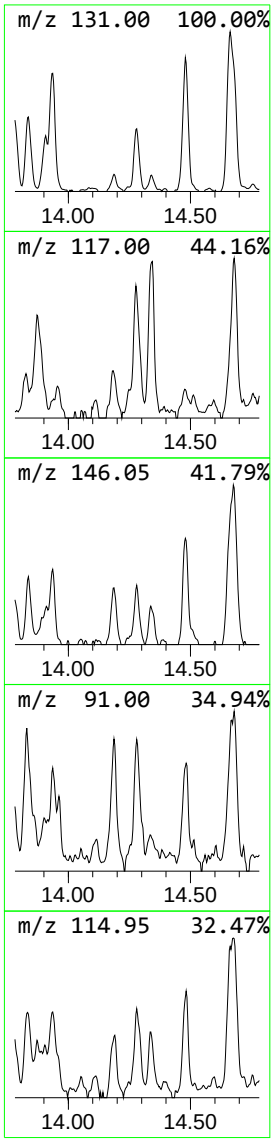
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	0.65 ug/L	66256	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

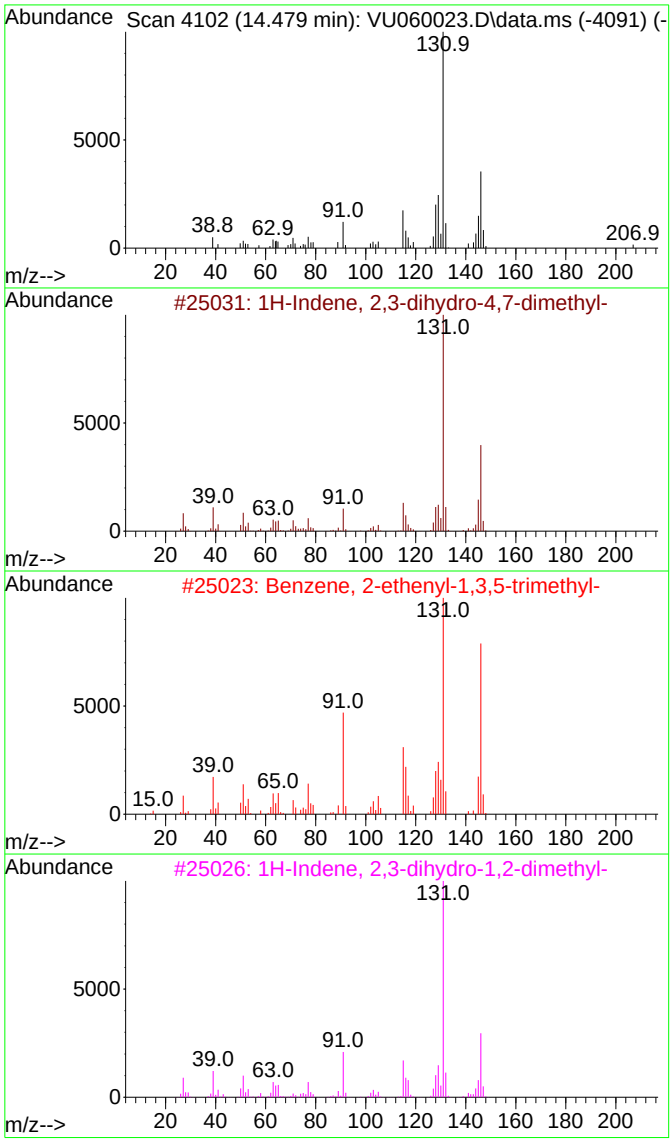
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

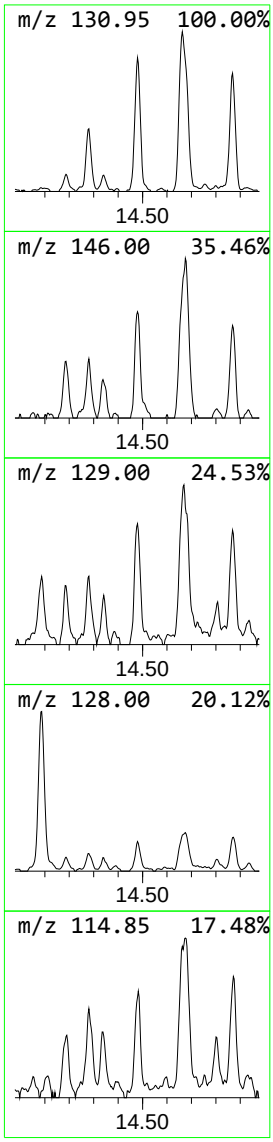
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.479	0.68 ug/L	69192	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

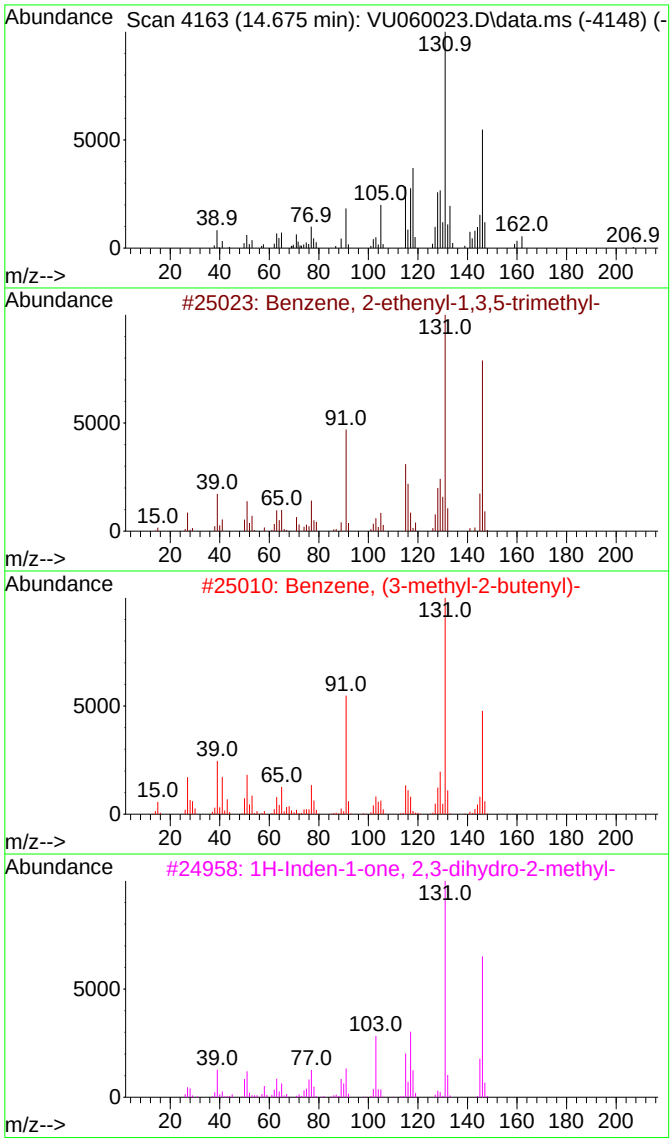
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

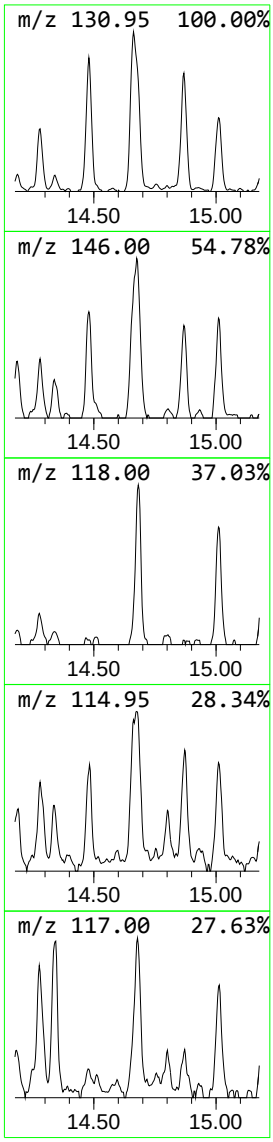
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.676	1.55 ug/L	157803	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52





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Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

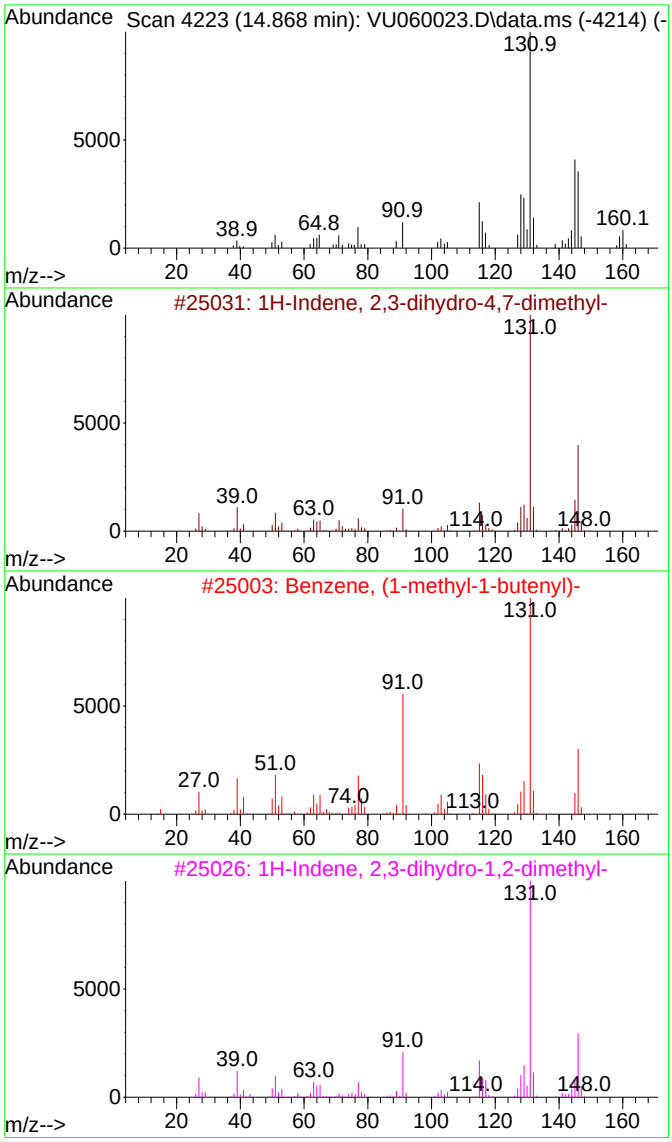
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

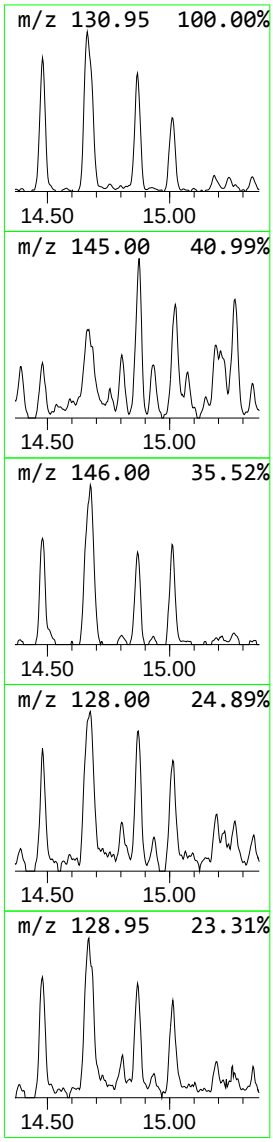
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (1-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	0.70 ug/L	70893	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

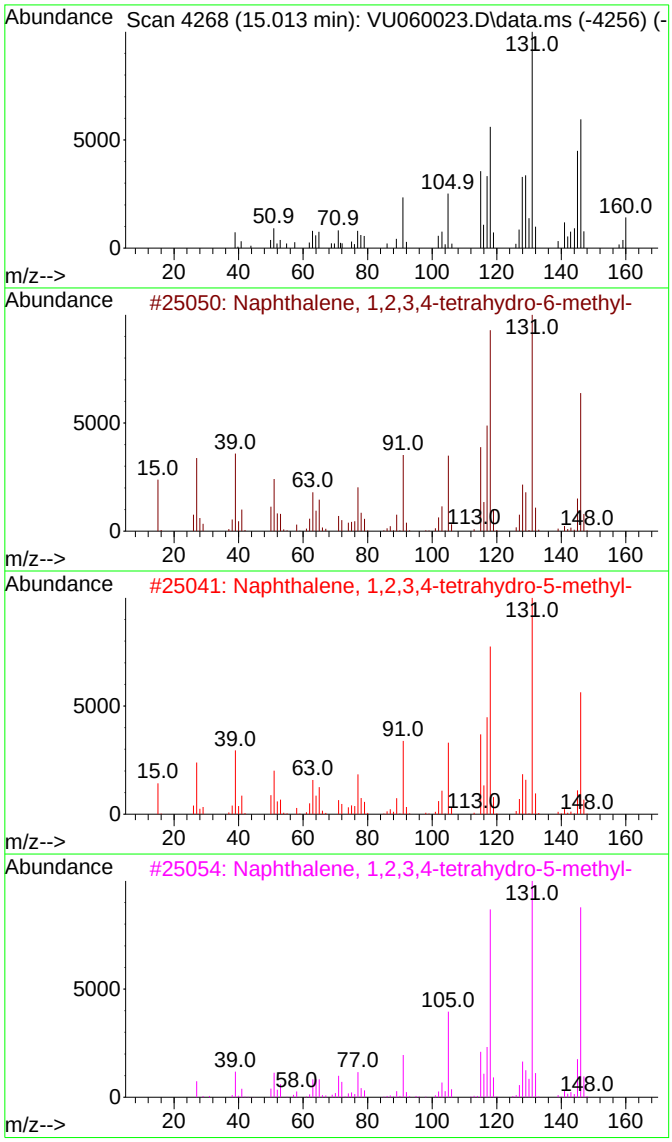
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

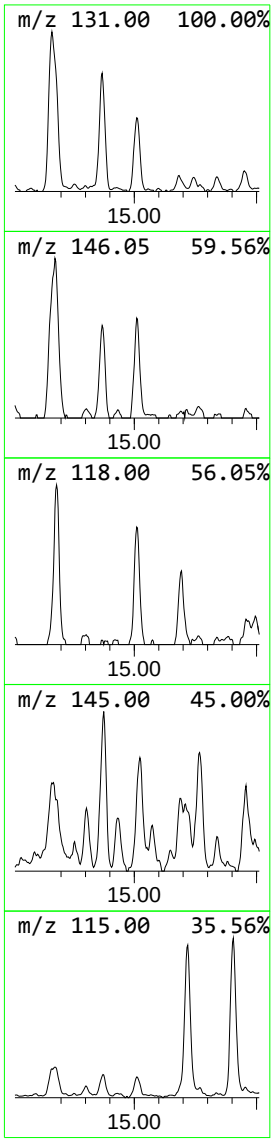
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	0.76 ug/L	77154	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

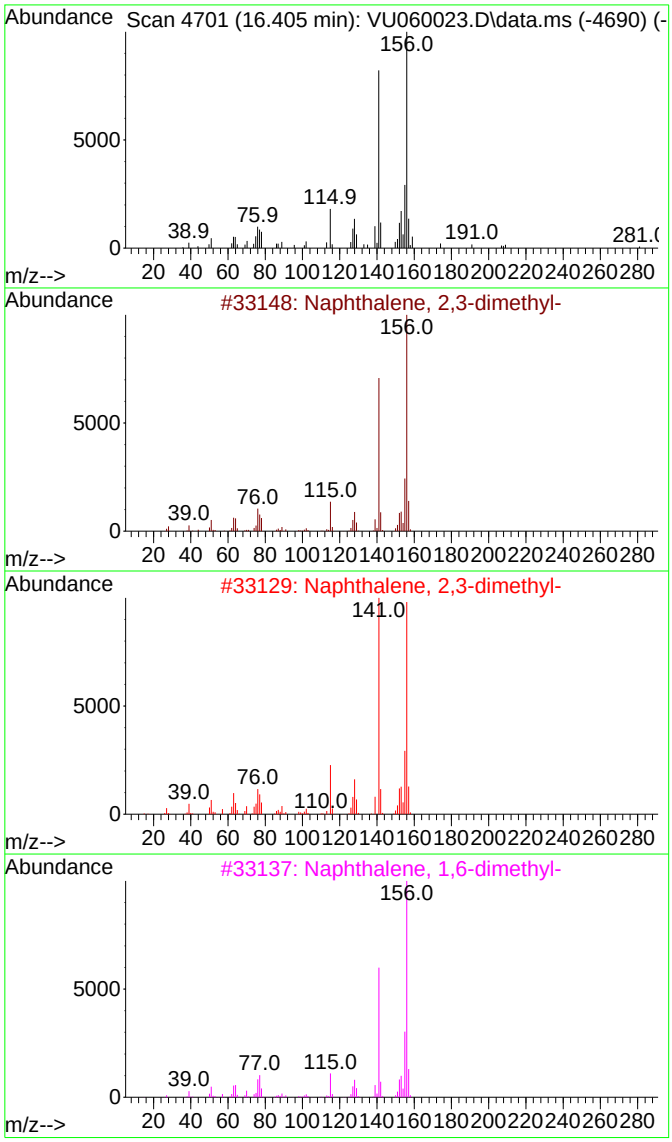
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

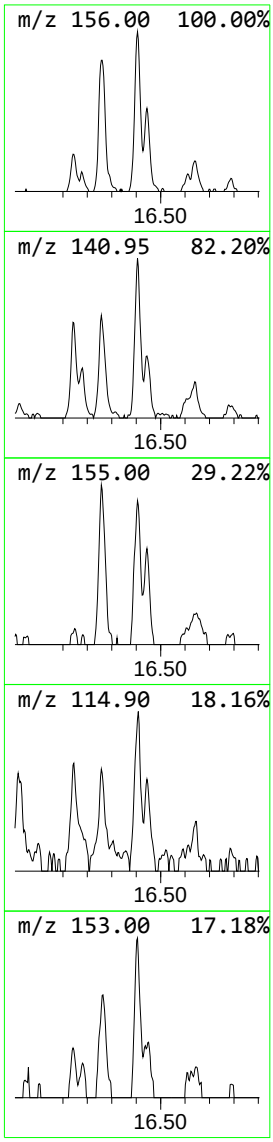
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.405	0.52 ug/L	52970	1,4-Dichlorobenzene-d4	11.807

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060023.D
Acq On : 18 Jul 2024 17:35
Operator : MD/SY
Sample : P3217-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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, 1,2,3-...	11.287	0.7	ug/L	67129	3	11.807	509432	5.0
unknown-01	12.094	0.6	ug/L	65314	3	11.807	509432	5.0
Benzene, 4-ethy...	12.566	0.6	ug/L	64537	3	11.807	509432	5.0
Benzene, (1-met...	12.679	0.9	ug/L	93626	3	11.807	509432	5.0
Benzene, 1,2,3,...	12.965	0.9	ug/L	90160	3	11.807	509432	5.0
Benzene, 1,2,3,...	13.020	1.0	ug/L	98444	3	11.807	509432	5.0
Benzene, 1-meth...	13.447	1.5	ug/L	147918	3	11.807	509432	5.0
unknown-02	13.508	0.6	ug/L	64580	3	11.807	509432	5.0
Naphthalene, 1,...	13.618	0.9	ug/L	91347	3	11.807	509432	5.0
Benzene, 2-ethe...	13.833	1.0	ug/L	101566	3	11.807	509432	5.0
2,2-Dimethylind...	13.936	0.7	ug/L	67236	3	11.807	509432	5.0
Azulene	14.087	0.5	ug/L	52964	3	11.807	509432	5.0
Naphthalene, 1,...	14.280	0.7	ug/L	66256	3	11.807	509432	5.0
1H-Indene, 2,3-...	14.479	0.7	ug/L	69192	3	11.807	509432	5.0
Benzene, (3-met...	14.676	1.6	ug/L	157803	3	11.807	509432	5.0
Benzene, (1-met...	14.868	0.7	ug/L	70893	3	11.807	509432	5.0
Naphthalene, 1,...	15.013	0.8	ug/L	77154	3	11.807	509432	5.0
Naphthalene, 2,...	16.405	0.5	ug/L	52970	3	11.807	509432	5.0