LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

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\SFAMUTR082324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	85	95	105	rBV3	60412	93840	2.05%	0.409%
2	1.695	110	126	127	rBV3	36097	61608	1.35%	0.269%
3	1.730	131	137	154	rVB	51049	95080	2.08%	0.414%
4	1.911	188	193	210	rVB	42147	59083	1.29%	0.258%
5	2.563	381	396	410	rBV	67655	112223	2.45%	0.489%
6	2.650	410	423	442	rBV2	24029	81073	1.77%	0.353%
7	3.181	573	588	602	rBV	36764	85671	1.87%	0.373%
8	3.357	626	643	670	rBV	296163	703840	15.37%	3.068%
9	4.650	1023	1045	1088	rBV5	83986	382752	8.36%	1.668%
10	5.058	1157	1172	1199	rBV2	83637	209663	4.58%	0.914%
11	5.721	1357	1378	1387	rBV2	136137	351580	7.68%	1.532%
12	5.769	1388	1393	1413	rVB2	70548	139742	3.05%	0.609%
13	6.245	1528	1541	1568	rBV2	145305	289928	6.33%	1.264%
14	6.685	1664	1678	1692	rBV2	85982	169703	3.71%	0.740%
15	7.563	1936	1951	1964	rBV2	32708	60562	1.32%	0.264%
16	7.894	2042	2054	2070	rBV	146652	262554	5.73%	1.144%
17	8.631	2272	2283	2322	rBV2	174055	396886	8.67%	1.730%
18	9.412	2514	2526	2533	rBV	228615	425498	9.29%	1.854%
19	9.753	2623	2632	2648	rBV2	24956	47068	1.03%	0.205%
20	10.476	2843	2857	2878	rBV	487000	797161	17.40%	3.474%
21	10.746	2932	2941	2952	rBV2	88335	141317	3.09%	0.616%
22	10.897	2977	2988	3010	rBV	406164	693347	15.14%	3.022%
23	11.016	3012	3025	3036	rBV	118569	192167	4.20%	0.838%
24	11.286	3099	3109	3128	rVB	137794	261141	5.70%	1.138%
25	11.383	3128	3139	3146	rBV2	28374	53135	1.16%	0.232%
26	11.463	3155	3164	3176	rVB2	94721	164416	3.59%	0.717%
27	11.605	3197	3208	3210	rBV3	103966	140294	3.06%	0.611%
28	11.630	3212	3216	3233	rVB2	153600	256680	5.60%	1.119%
29	11.804	3256	3270	3286	rVB2	275982	555585	12.13%	2.421%
30	12.090	3343	3359	3369	rBV2	125872	257427	5.62%	1.122%
31	12.187	3378	3389	3407	rVB3	236630	476418	10.40%	2.076%
32	12.296	3414	3423	3429	rBV2	38851	65169	1.42%	0.284%
33	12.370	3439	3446	3461	rVB	55748	93032	2.03%	0.405%
34	12.672	3531	3540	3549	rBV	128112	206473	4.51%	0.900%
35	12.952	3613	3627	3639	rBV8	78889	229690	5.01%	1.001%
36	13.016	3641	3647	3663	rVB3	43956	94014	2.05%	0.410%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
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Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

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\SFAMUTR082324WMA.M
Title : TRACE VOA SFAM1.0

37	13.103	3665	3674	3686	rVB5	52218	105328	2.30%	0.459%
38	13.248	3712	3719	3735	rVB4	49946	77318	1.69%	0.337%
39	13.396	3756	3765	3774	rBV3	74752	126999	2.77%	0.554%
40	13.457	3776	3784	3791	rBV4	42453	70371	1.54%	0.307%
41	13.508	3792	3800	3809	rVV5	104206	174415	3.81%	0.760%
42	13.724	3860	3867	3877	rBV5	64235	113666	2.48%	0.495%
43	13.823	3891	3898	3902	rBV3	97975	137594	3.00%	0.600%
44	13.904	3919	3923	3930	rVB2	137203	163746	3.58%	0.714%
45	13.952	3931	3938	3946	rVB5	148346	219184	4.79%	0.955%
46	14.052	3963	3969	3975	rBV2	81142	97082	2.12%	0.423%
47	14.180	4001	4009	4022	rVB4	191619	336310	7.34%	1.466%
48	14.280	4024	4040	4052	rBV4	255738	596273	13.02%	2.599%
49	14.344	4054	4060	4068	rVV3	67409	100345	2.19%	0.437%
50	14.476	4091	4101	4106	rBV5	122917	243031	5.31%	1.059%
51	14.666	4154	4160	4172	rVB3	192343	401994	8.78%	1.752%
52	14.801	4193	4202	4213	rBV	937119	1430980	31.24%	6.237%
53	14.865	4214	4222	4235	rVB2	865437	1405856	30.69%	6.127%
54	14.936	4237	4244	4259	rVB5	98472	212761	4.65%	0.927%
55	15.019	4260	4270	4289	rBV3	322844	603694	13.18%	2.631%
56	15.142	4301	4308	4315	rBV3	109247	196551	4.29%	0.857%
57	15.187	4316	4322	4325	rBV2	152443	184033	4.02%	0.802%
58	15.264	4339	4346	4354	rVB4	233465	339032	7.40%	1.478%
59	15.399	4377	4388	4403	rVB	2870052	4580119	100.00%	19.962%
60	15.540	4428	4432	4441	rVB	126341	172102	3.76%	0.750%
61	15.920	4541	4550	4560	rVB	398553	637717	13.92%	2.779%
62	15.978	4562	4568	4584	rVB	66202	143814	3.14%	0.627%
63	16.141	4612	4619	4623	rBV3	122932	178992	3.91%	0.780%
64	16.174	4624	4629	4639	rVB	225727	330047	7.21%	1.438%
65	16.254	4649	4654	4661	rBV3	40776	56116	1.23%	0.245%
66	16.399	4691	4699	4706	rBV	152832	227144	4.96%	0.990%
67	16.437	4707	4711	4726	rVB3	80783	125556	2.74%	0.547%
68	16.521	4730	4737	4749	rVB4	63866	113770	2.48%	0.496%
69	16.601	4753	4762	4768	rBV	112316	179236	3.91%	0.781%
70	16.778	4809	4817	4838	rVB2	81378	157551	3.44%	0.687%

Sum of corrected areas: 22944547

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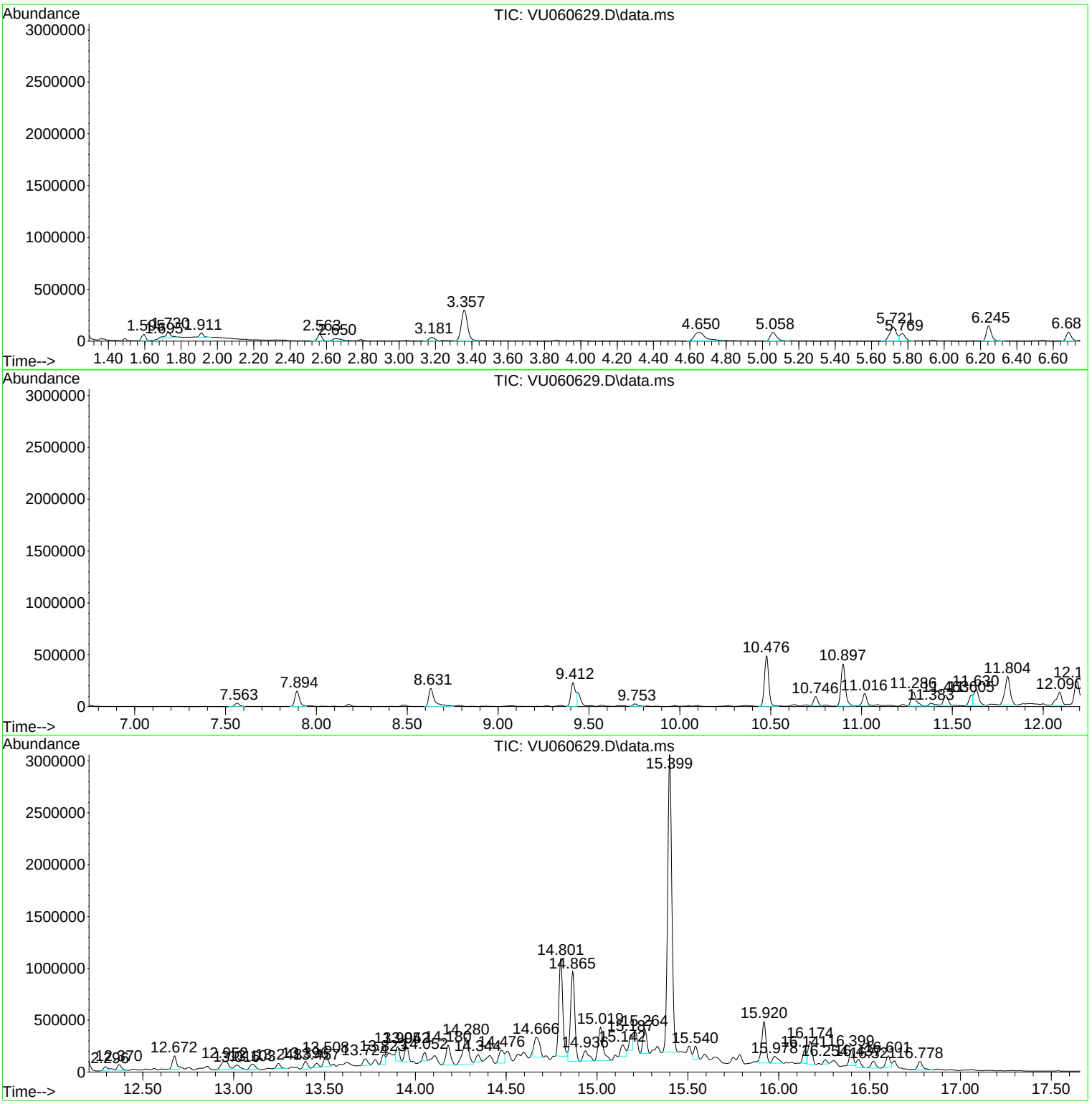
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.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\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

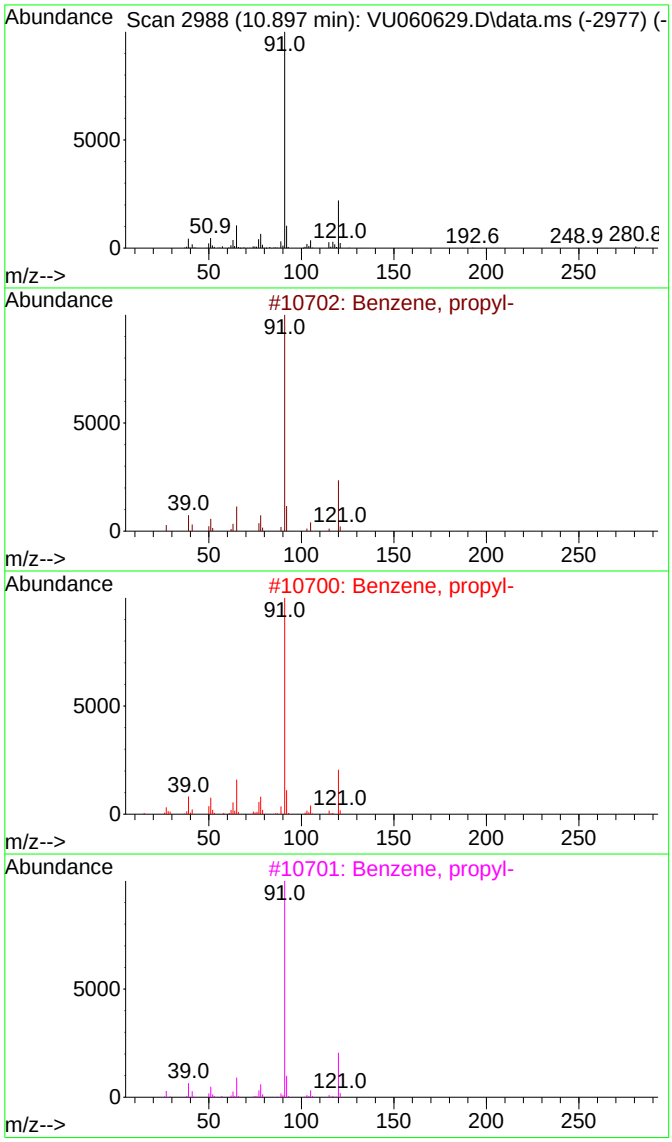
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

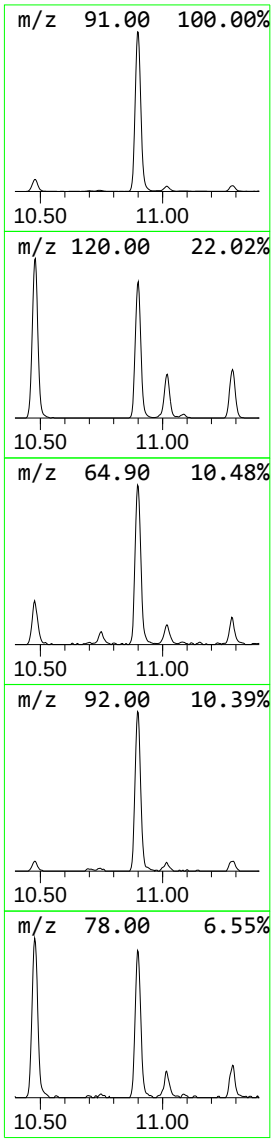
****

Peak Number 6 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	6.24 ug/L	693347	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

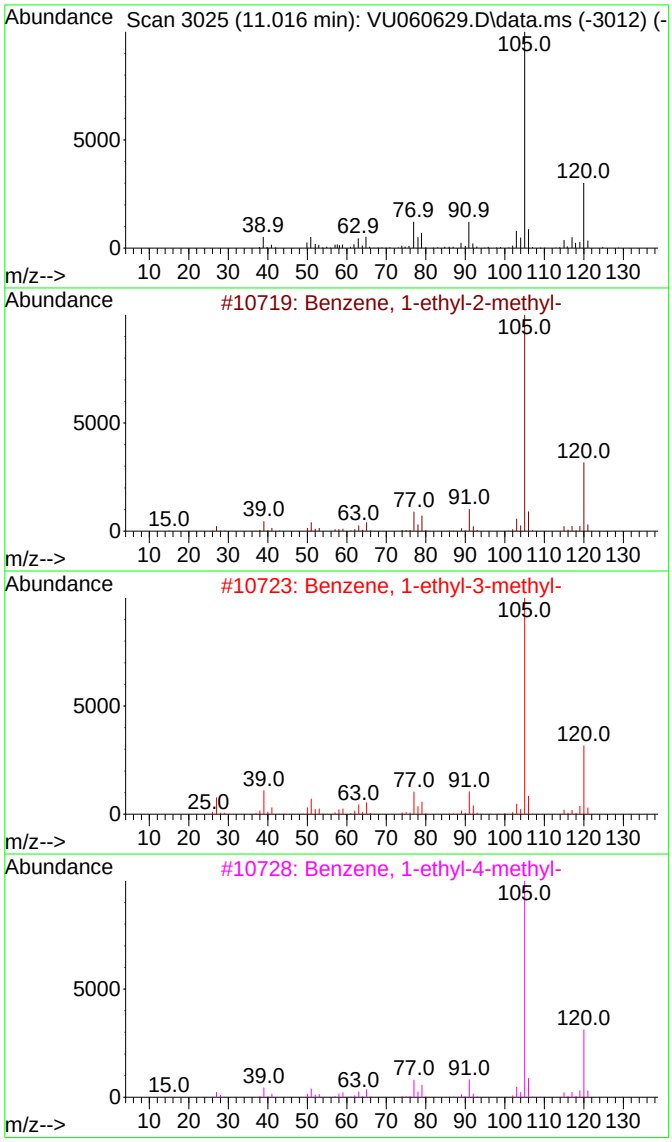
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

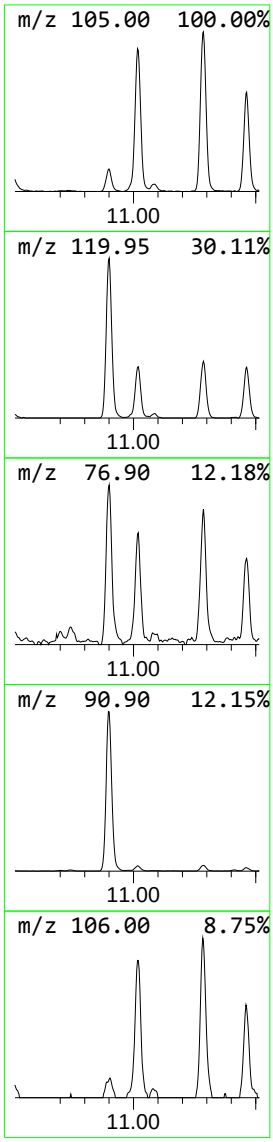
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	1.73 ug/L	192167	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

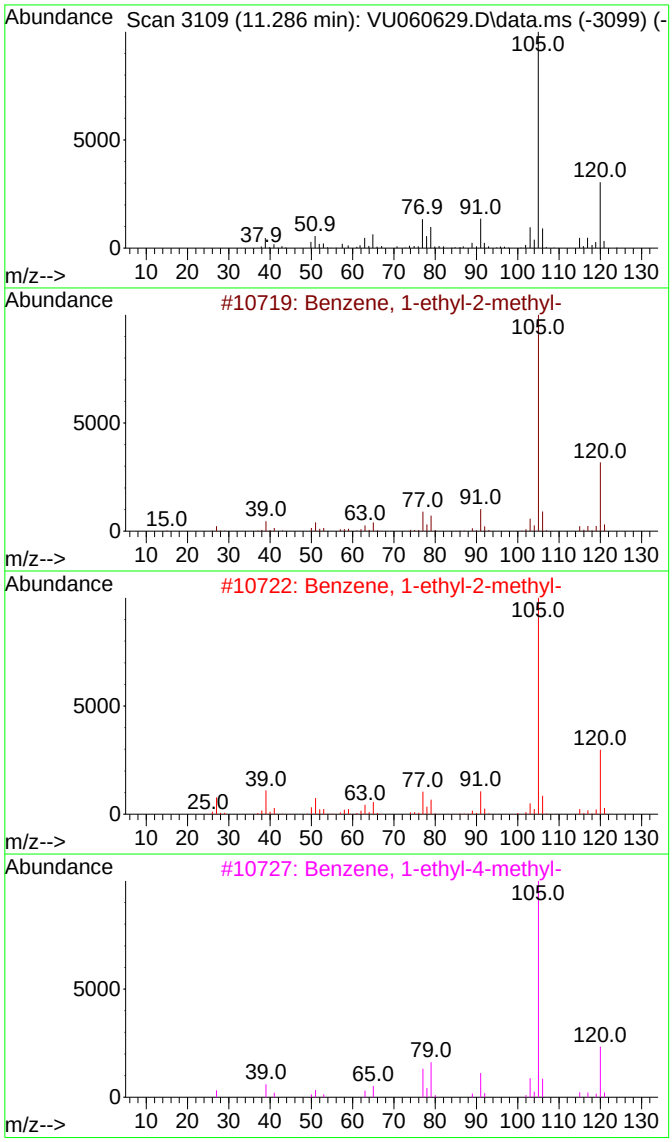
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

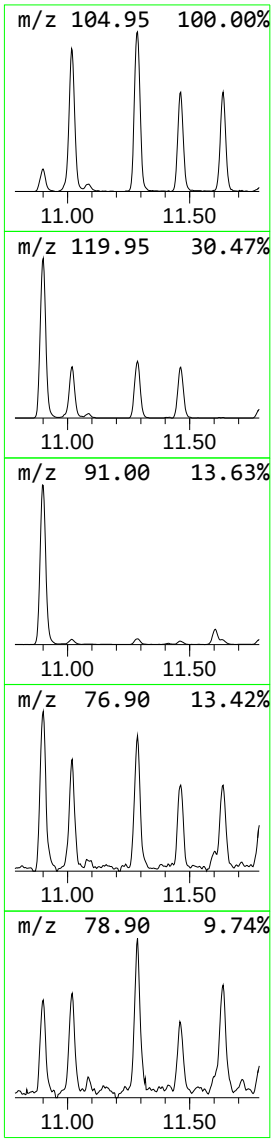
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.35 ug/L	261141	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

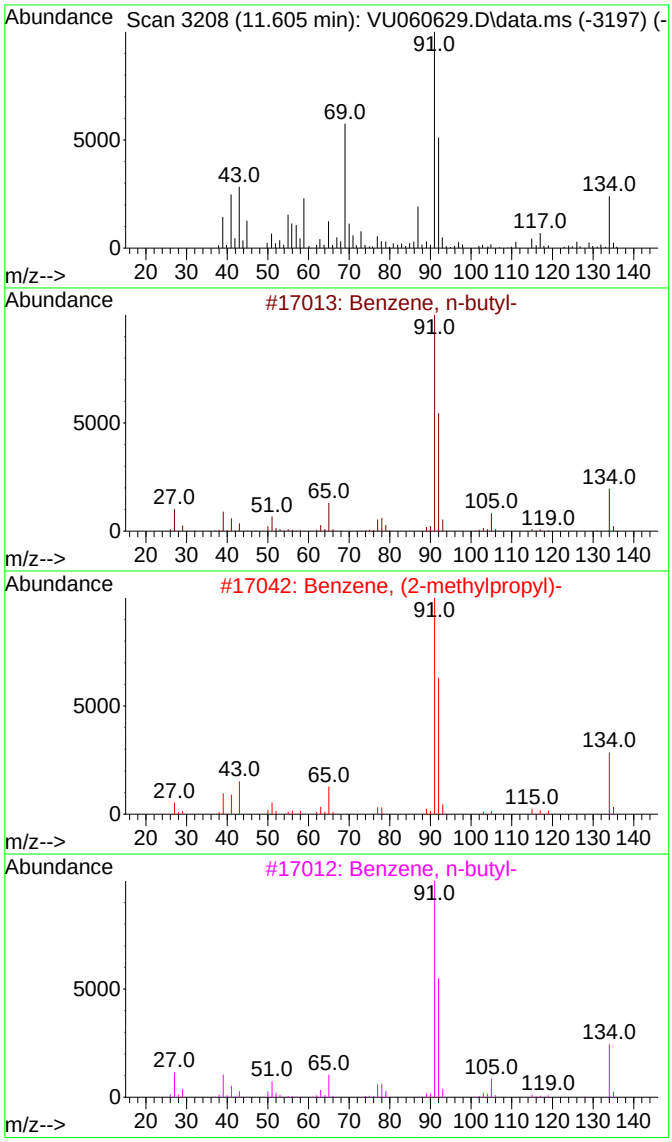
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

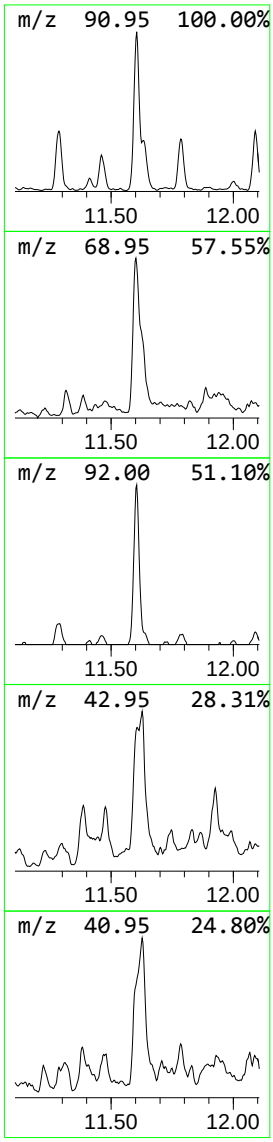
****

Peak Number 9 Benzene, n-butyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.605	1.26 ug/L	140294	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, n-butyl-	134	C10H14	000104-51-8	55
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
3	Benzene, n-butyl-	134	C10H14	000104-51-8	55
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
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Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

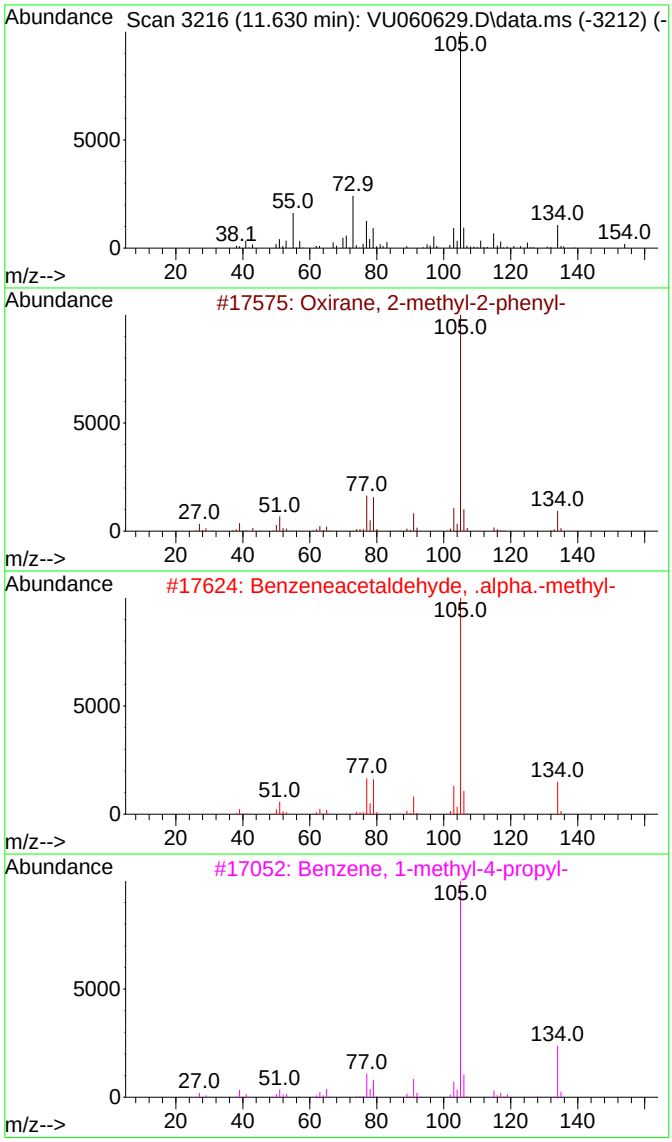
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

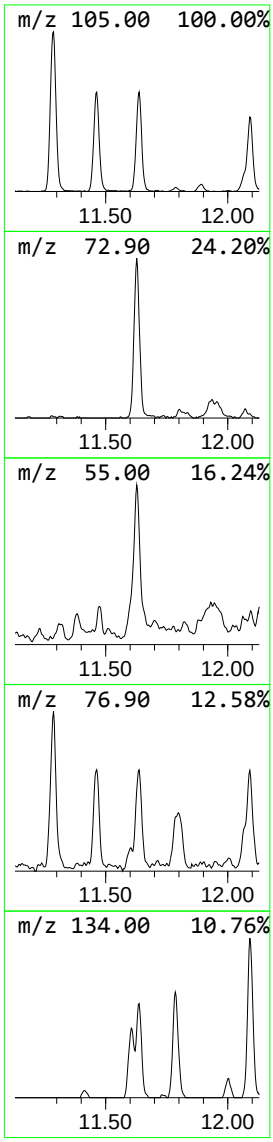
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Oxirane, 2-methyl-2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.630	2.31 ug/L	256680	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	60
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	60
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

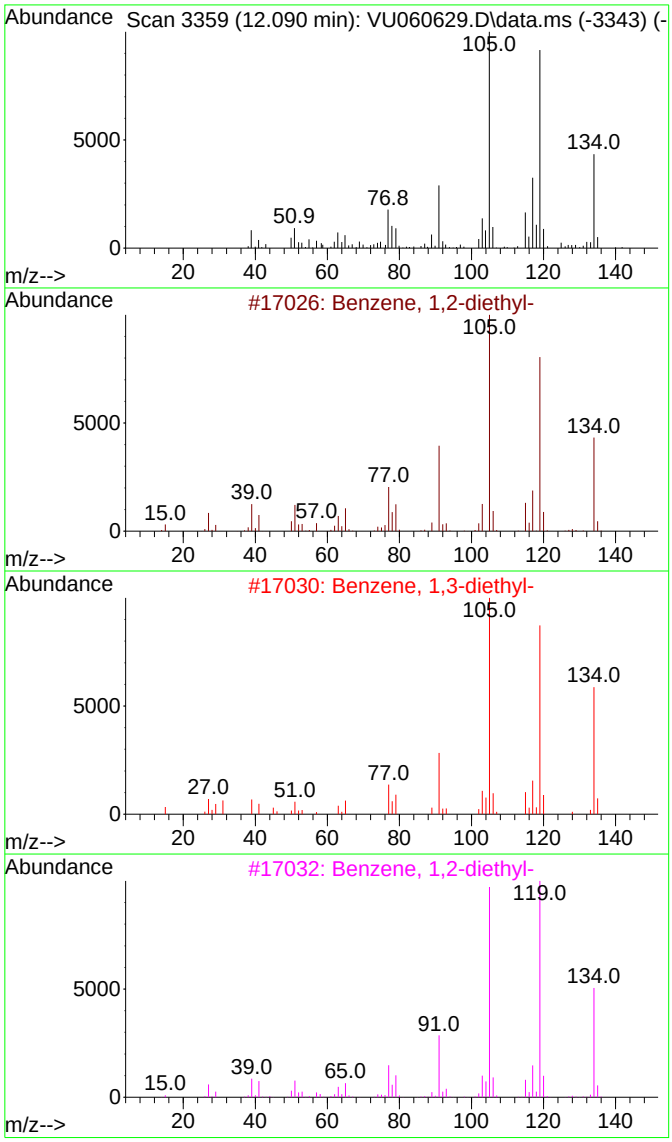
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

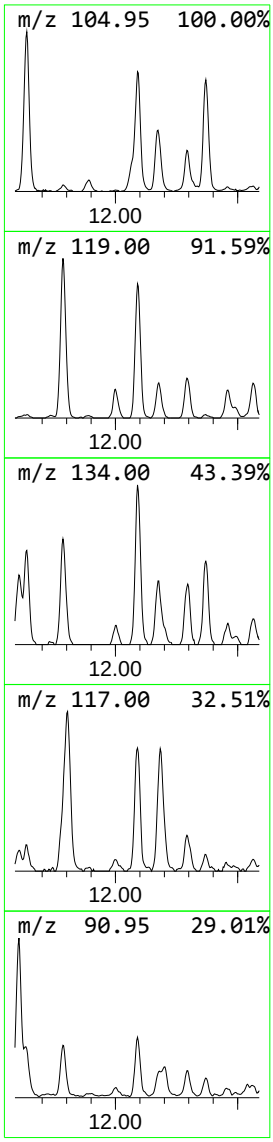
****

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	2.32 ug/L	257427	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

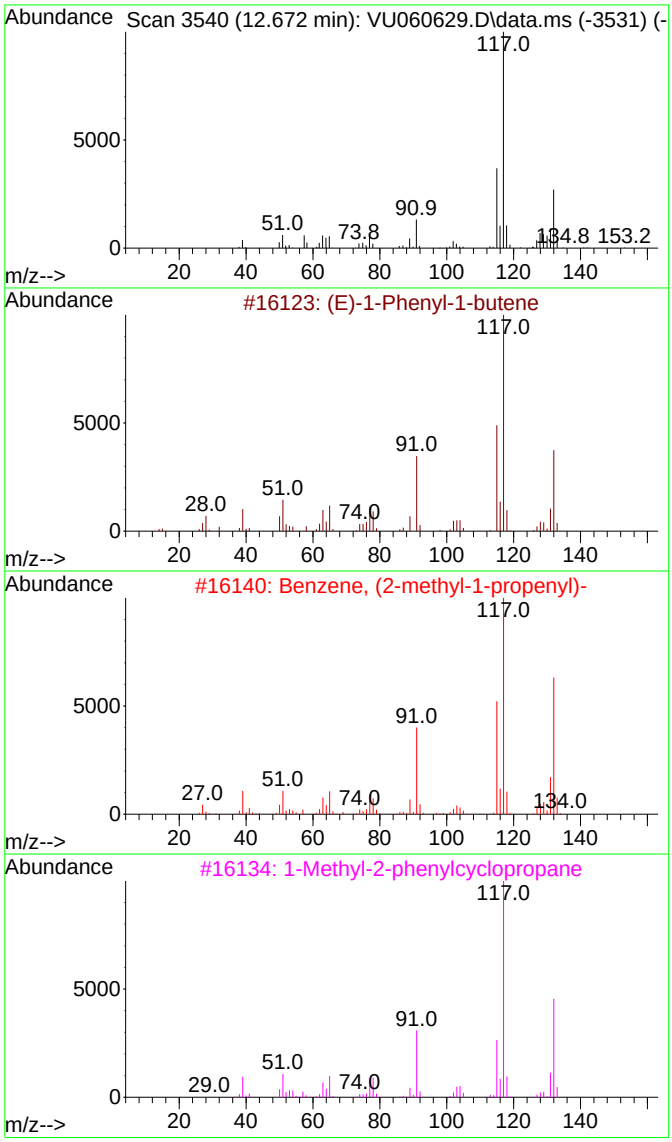
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

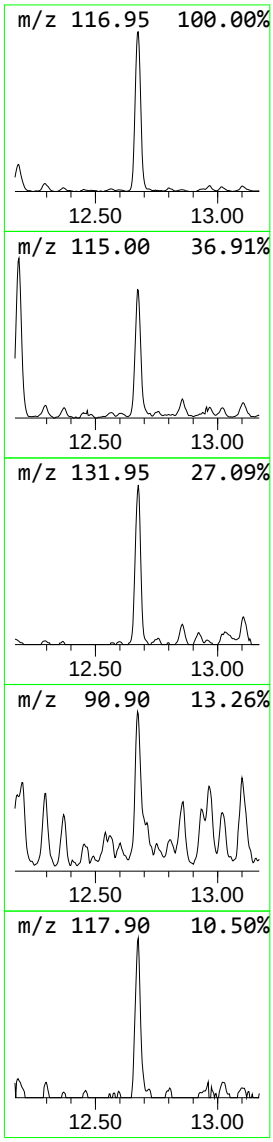
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (E)-1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	1.86 ug/L	206473	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

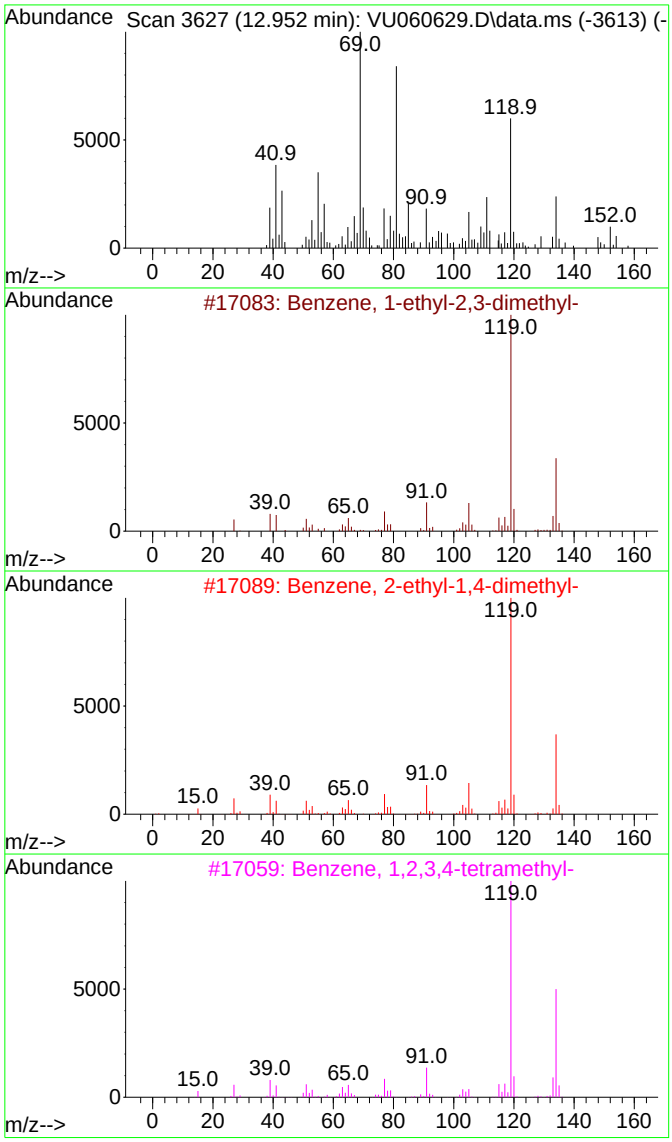
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

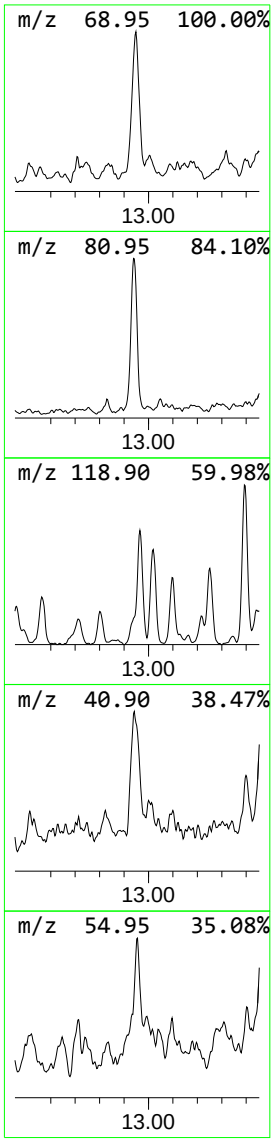
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.952	2.07 ug/L	229690	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

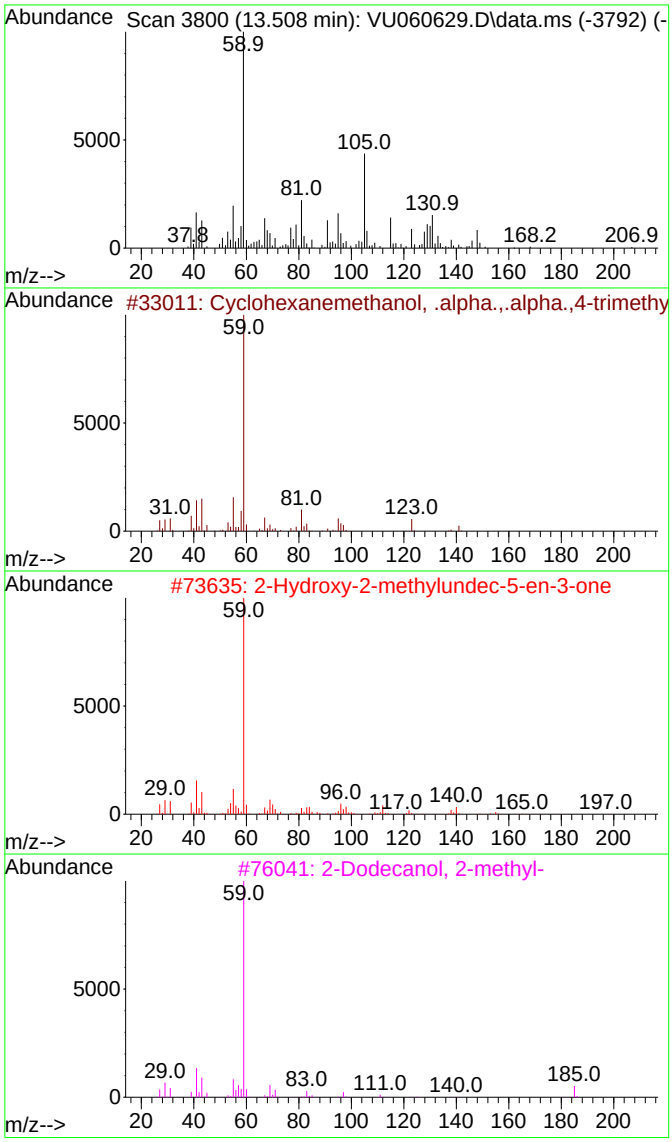
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

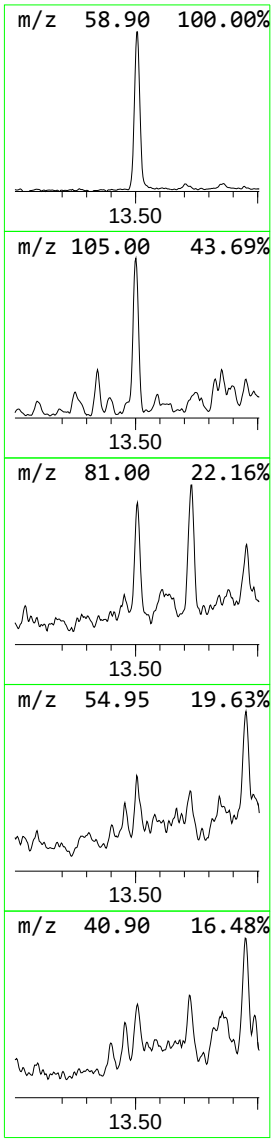
****

Peak Number 21 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	1.57 ug/L	174415	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47
2	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	43
3	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	43
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	43
5	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	43





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

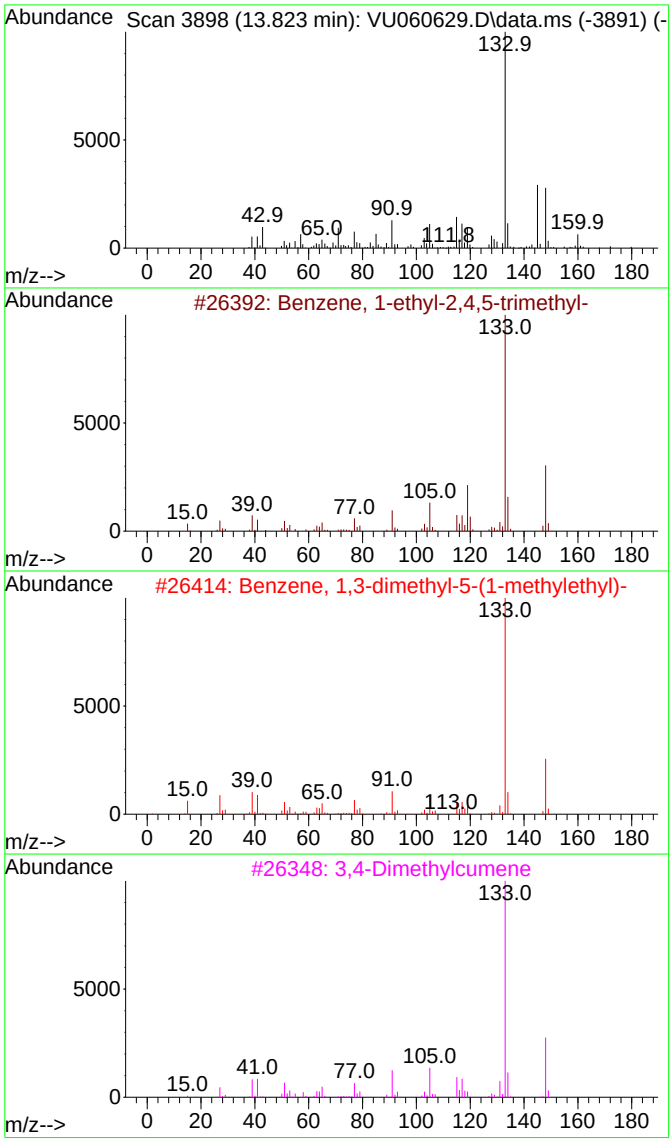
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

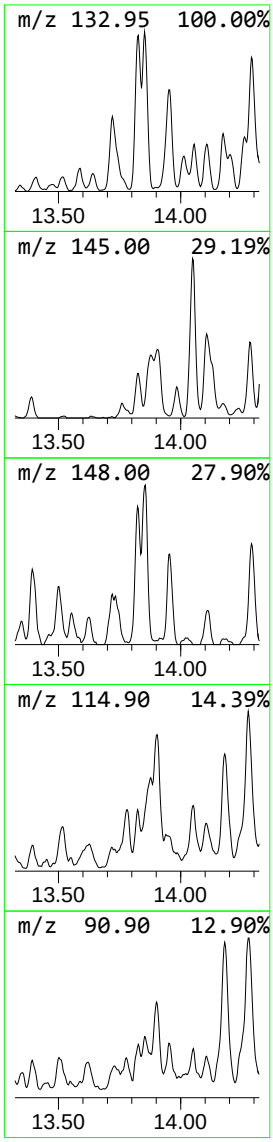
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.823	1.24 ug/L	137594	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	76
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

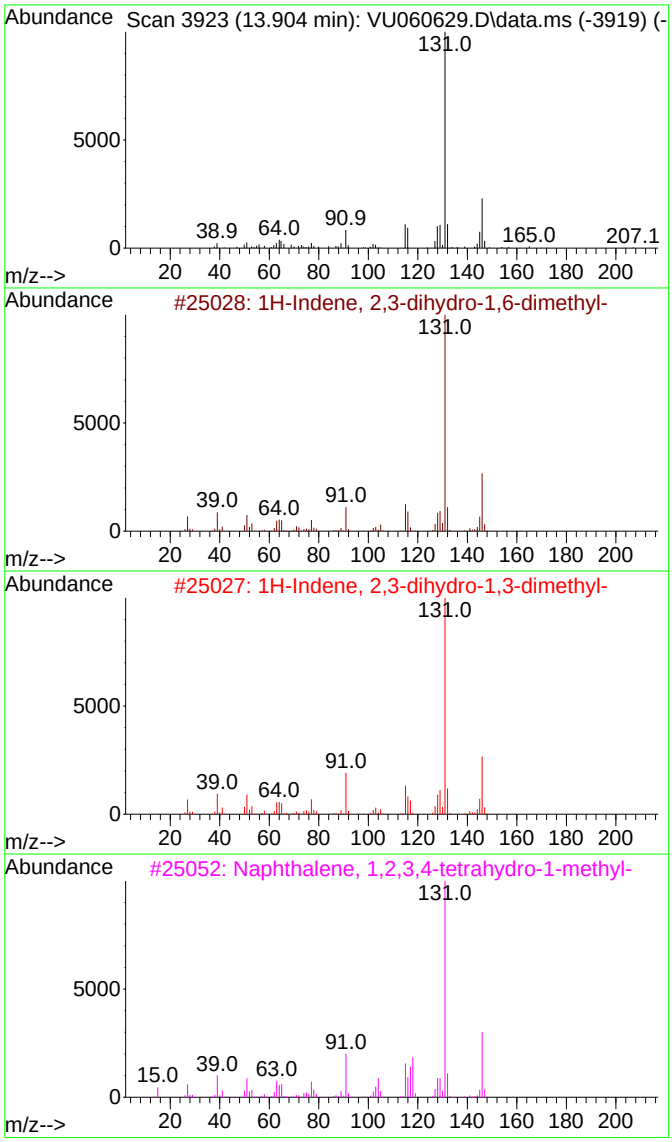
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

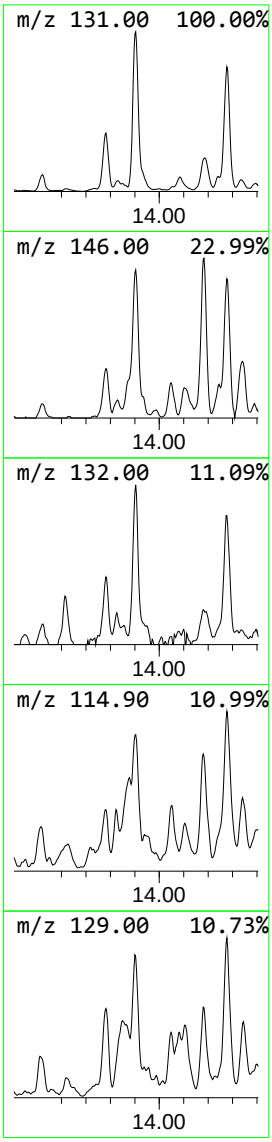
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	1.47 ug/L	163746	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

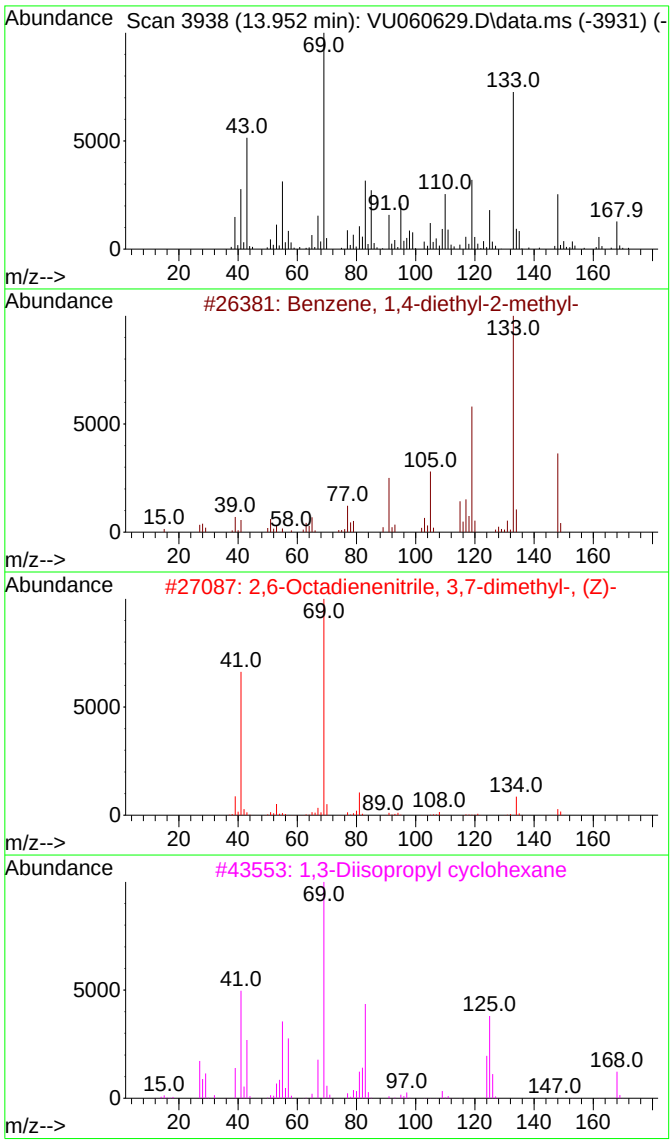
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

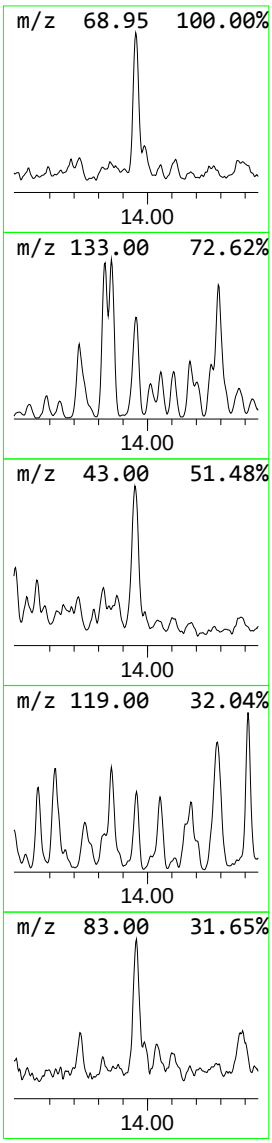
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.952	1.97 ug/L	219184	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	22
2	2,6-Octadienenitrile, 3,7-dimeth...	149	C10H15N	031983-27-4	22
3	1,3-Diisopropyl cyclohexane	168	C12H24	007045-70-7	22
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	18
5	6-Octenal, 7-methyl-3-methylene-	152	C10H16O	055050-40-3	14





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

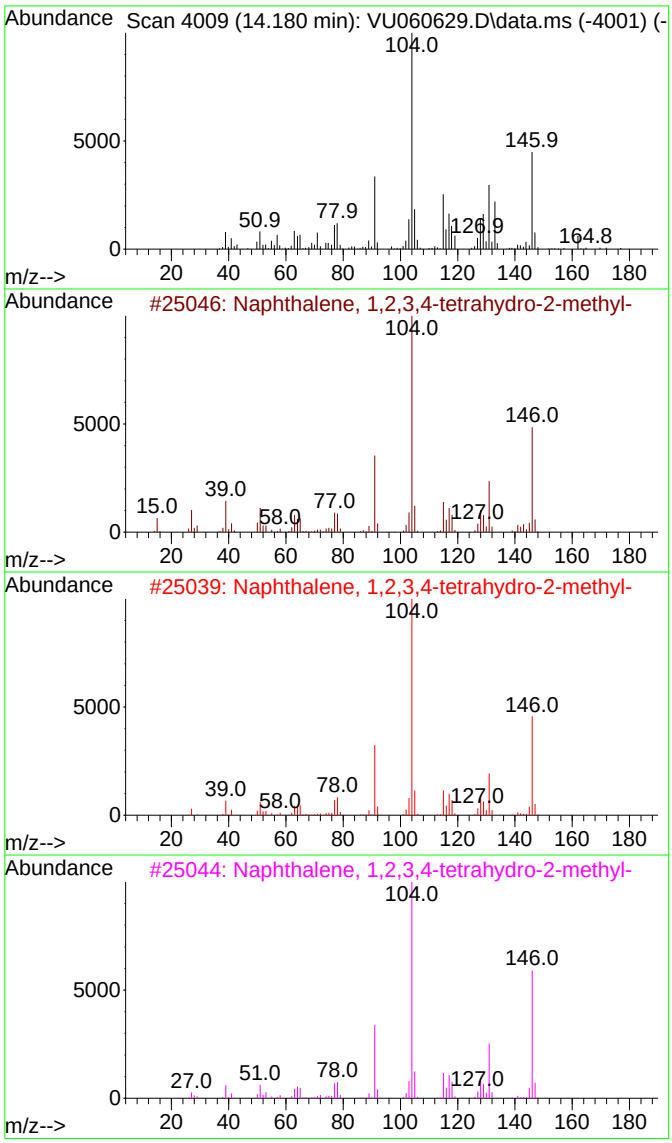
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

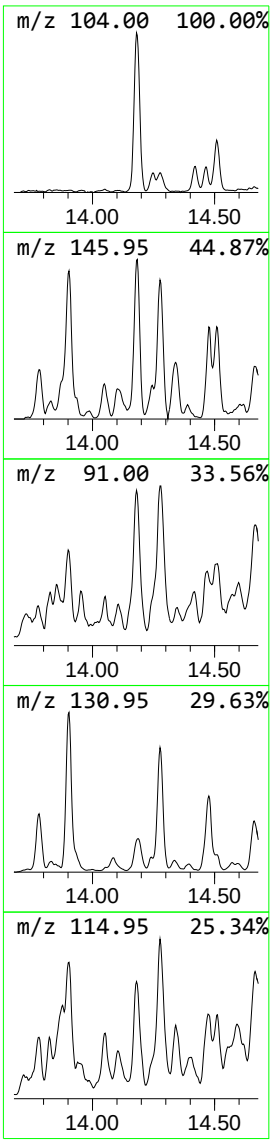
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	3.03 ug/L	336310	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

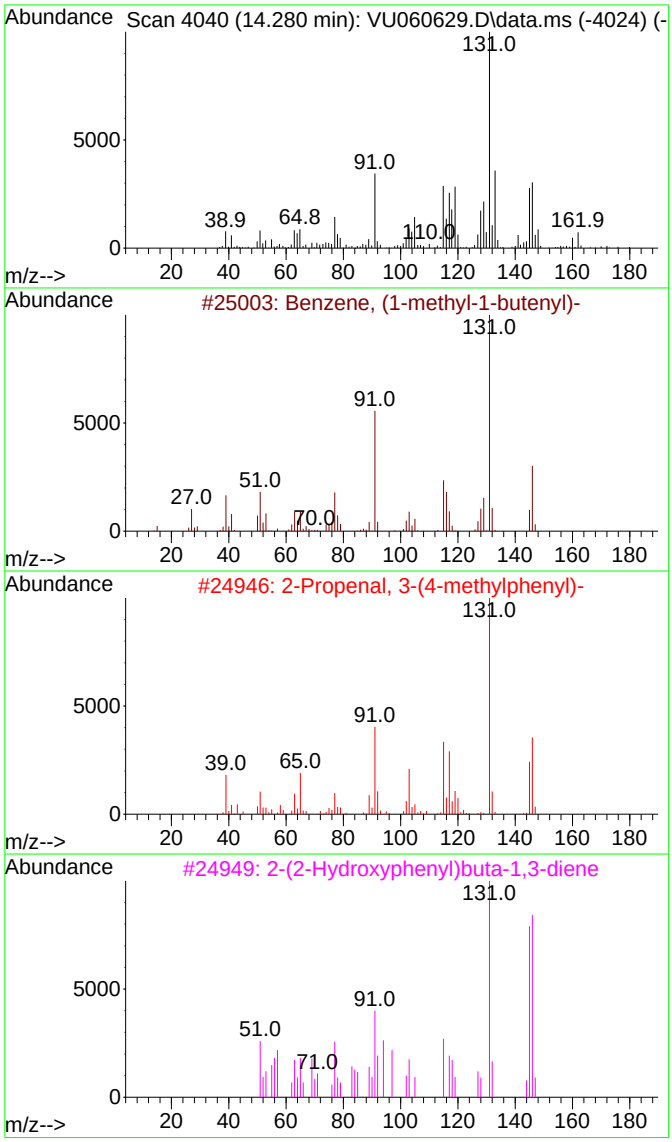
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

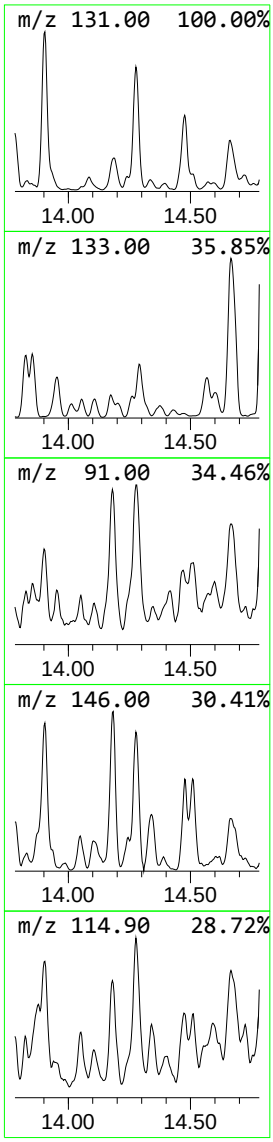
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	5.37 ug/L	596273	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	62
3	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

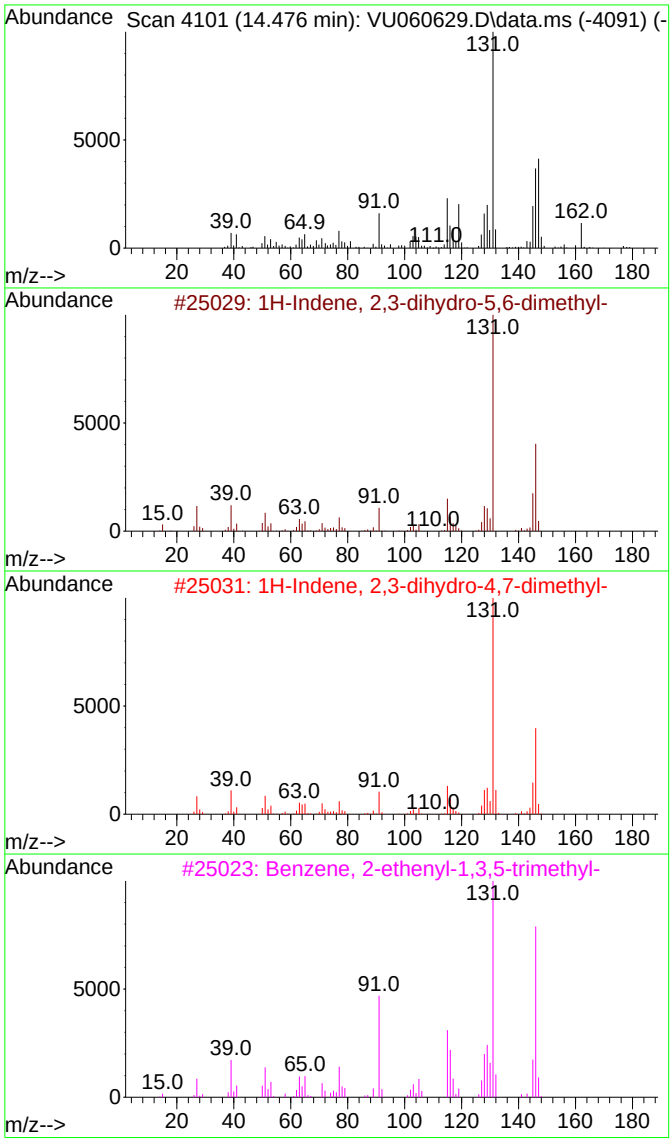
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

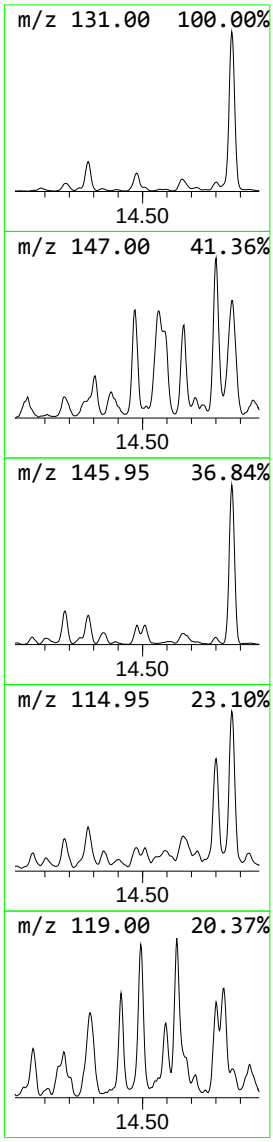
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	2.19 ug/L	243031	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

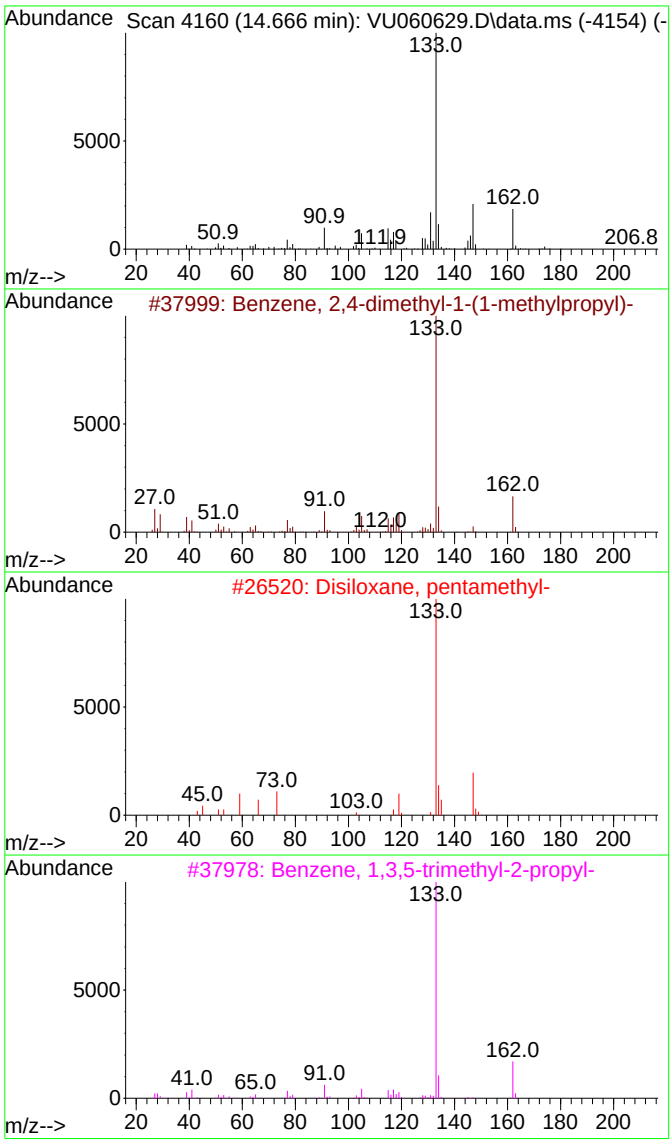
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

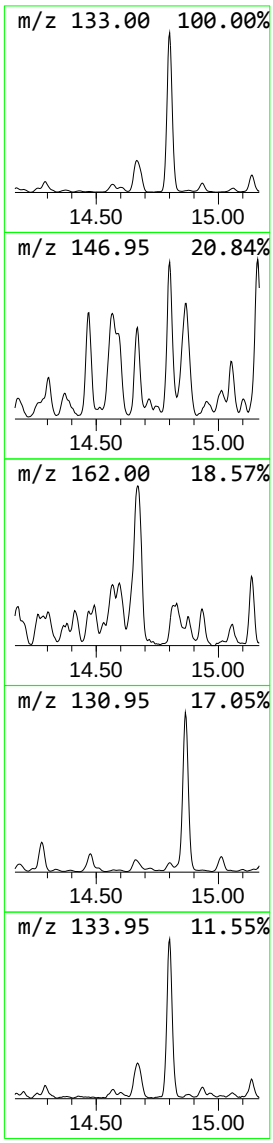
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	3.62 ug/L	401994	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	64
2	Disiloxane, pentamethyl-	148	C5H16OSi2	001438-82-0	53
3	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	53
4	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	50
5	Benzamide, 4-[5-(2,4,6-trimethyl...	353	C18H19N5OS	309735-33-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

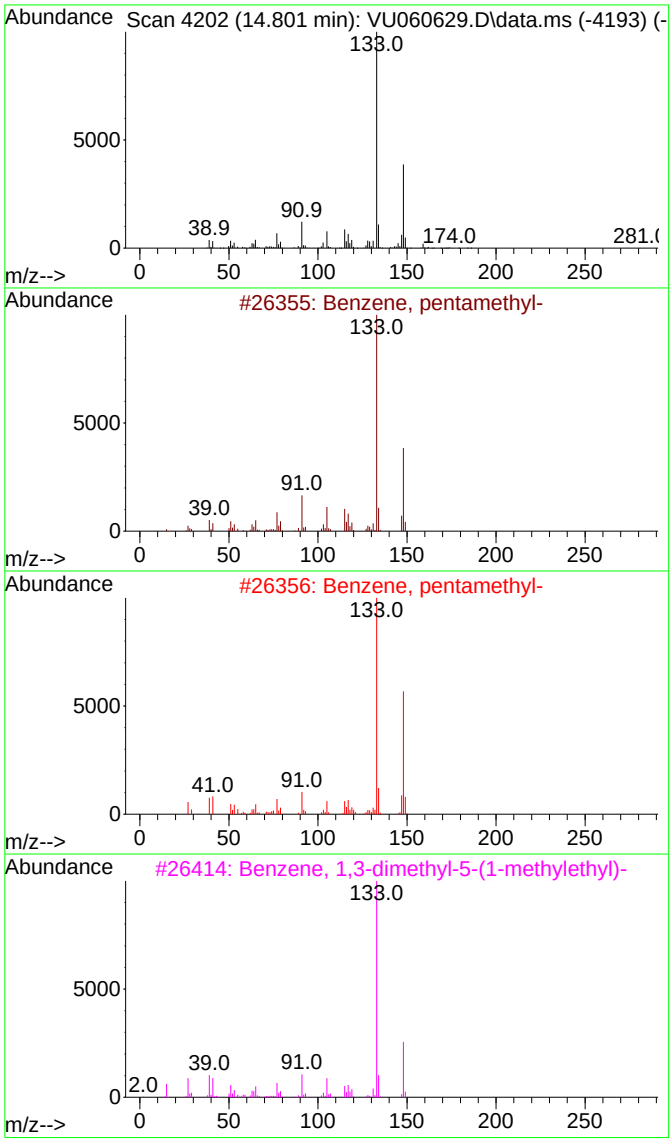
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

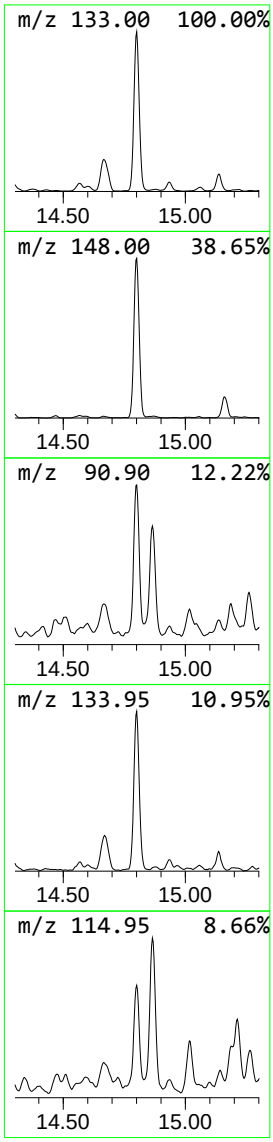
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, pentamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	12.88 ug/L	1430980	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	96
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

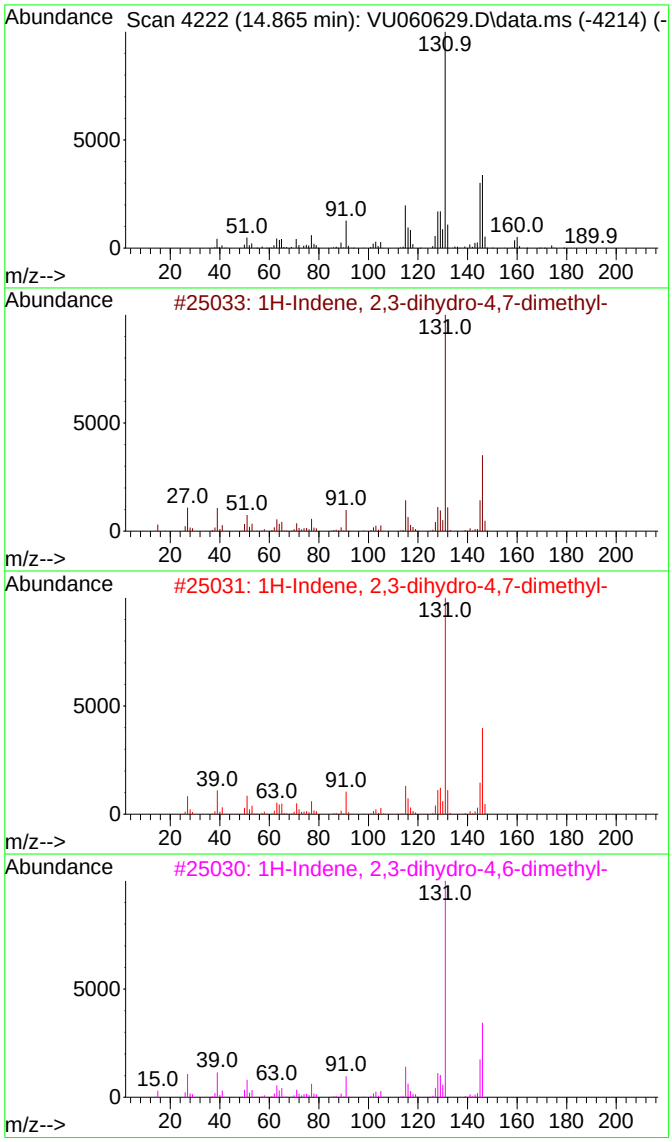
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

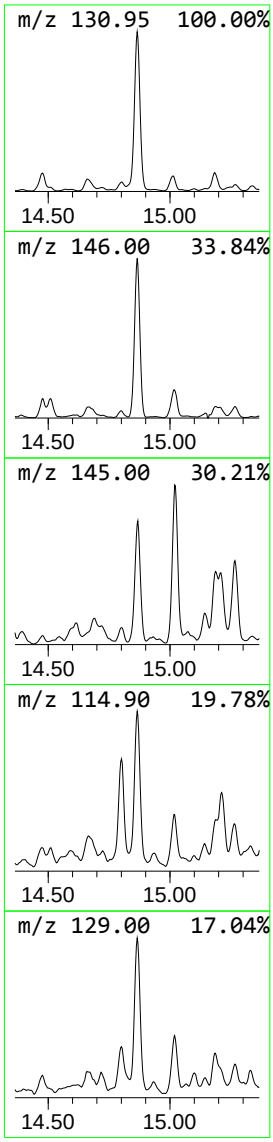
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	12.65 ug/L	1405860	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

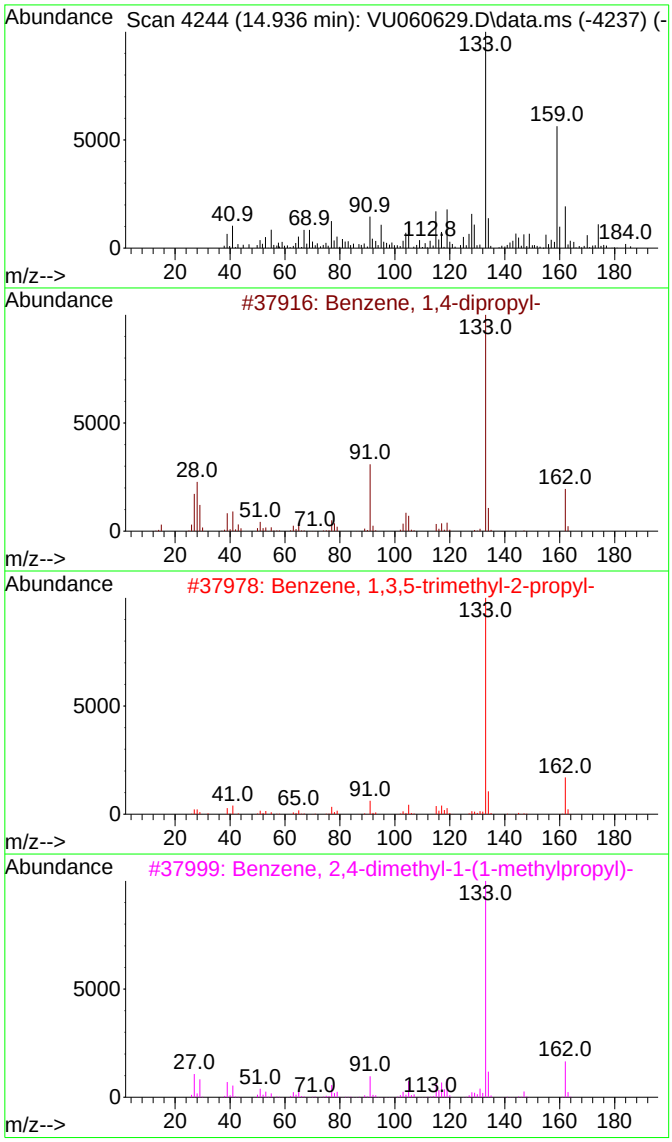
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

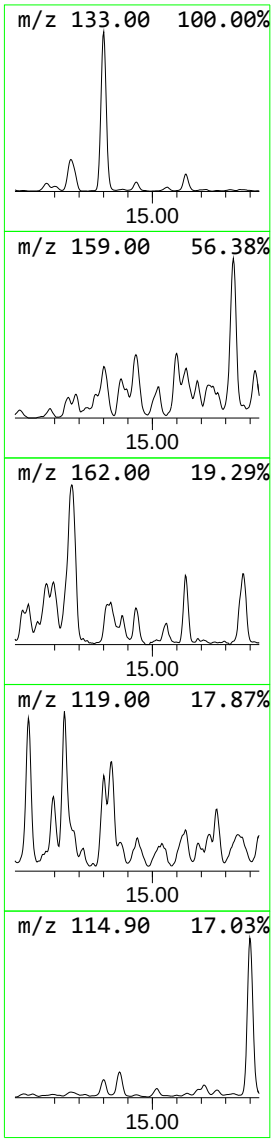
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.936	1.91 ug/L	212761	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	46
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	43
3	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38
5	1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	35





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

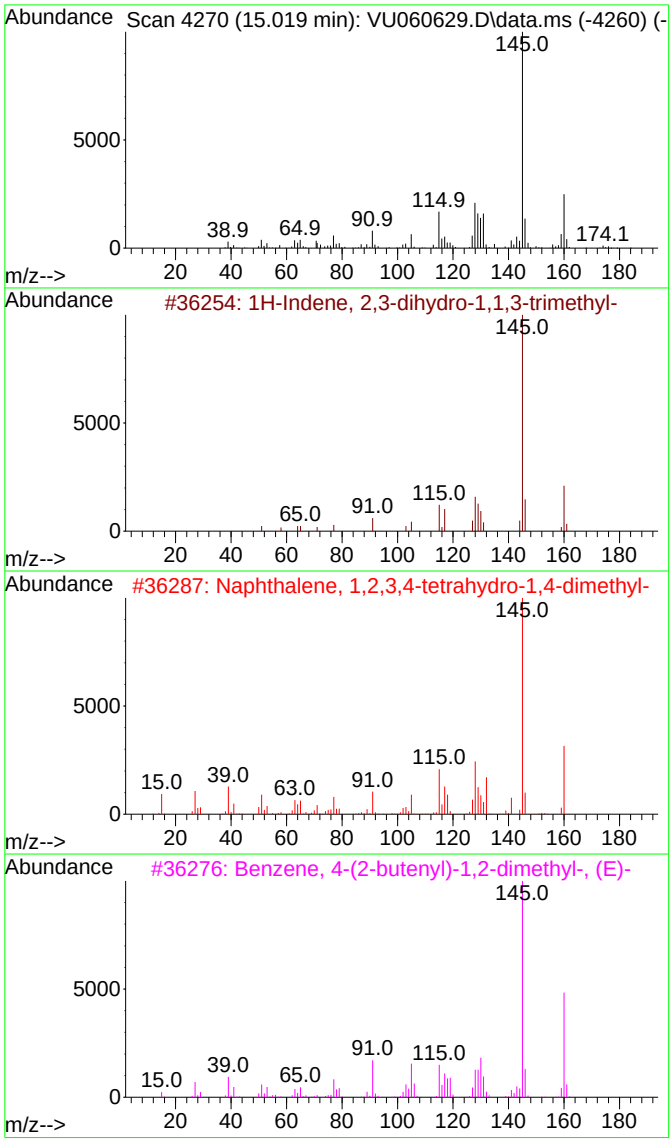
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

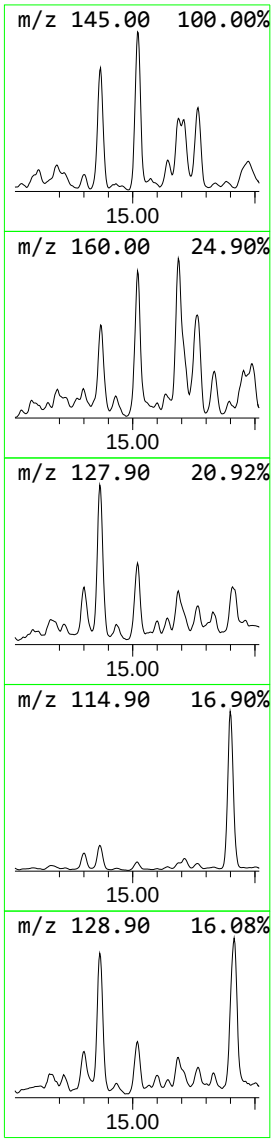
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.019	5.43 ug/L	603694	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

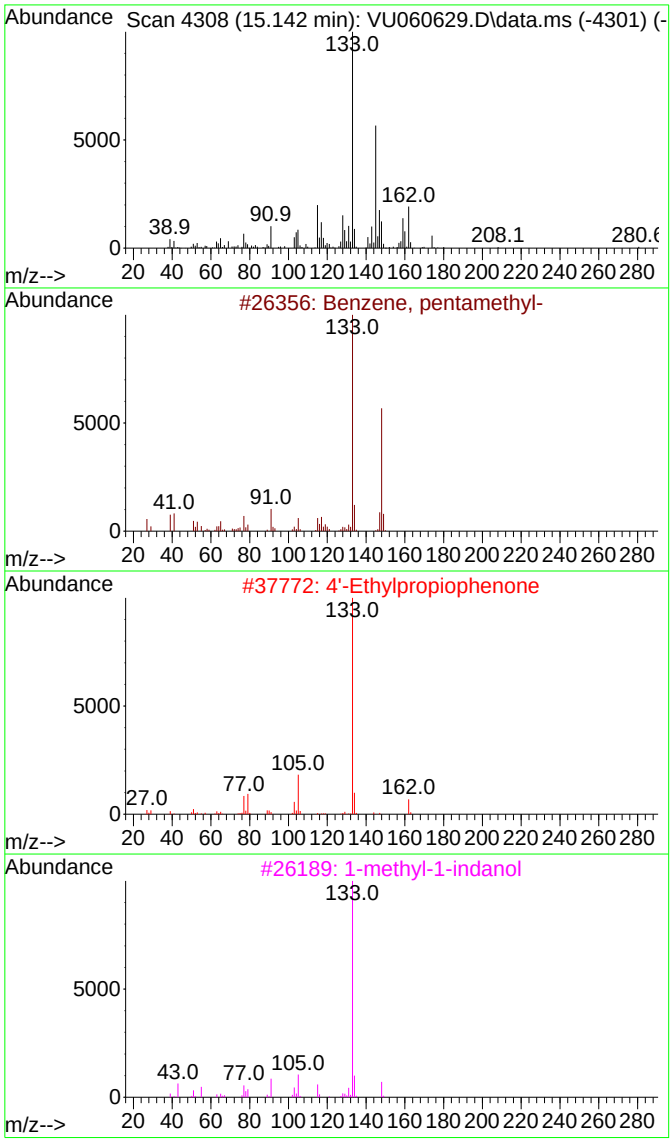
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

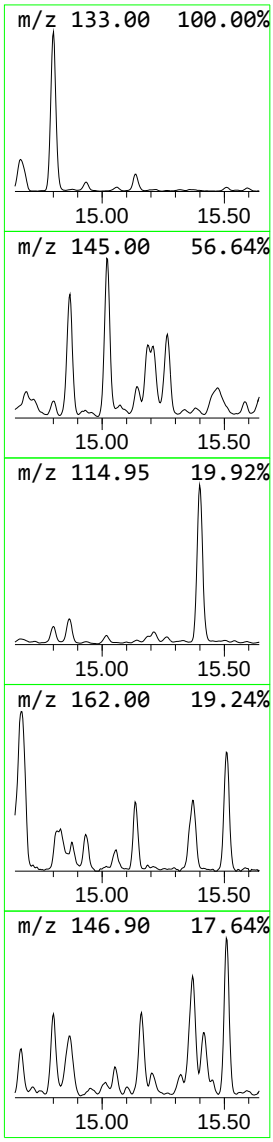
****

Peak Number 36 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.142	1.77 ug/L	196551	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	45
2	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	38
3	1-methyl-1-indanol	148	C10H12O	064666-42-8	38
4	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	38
5	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	35





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

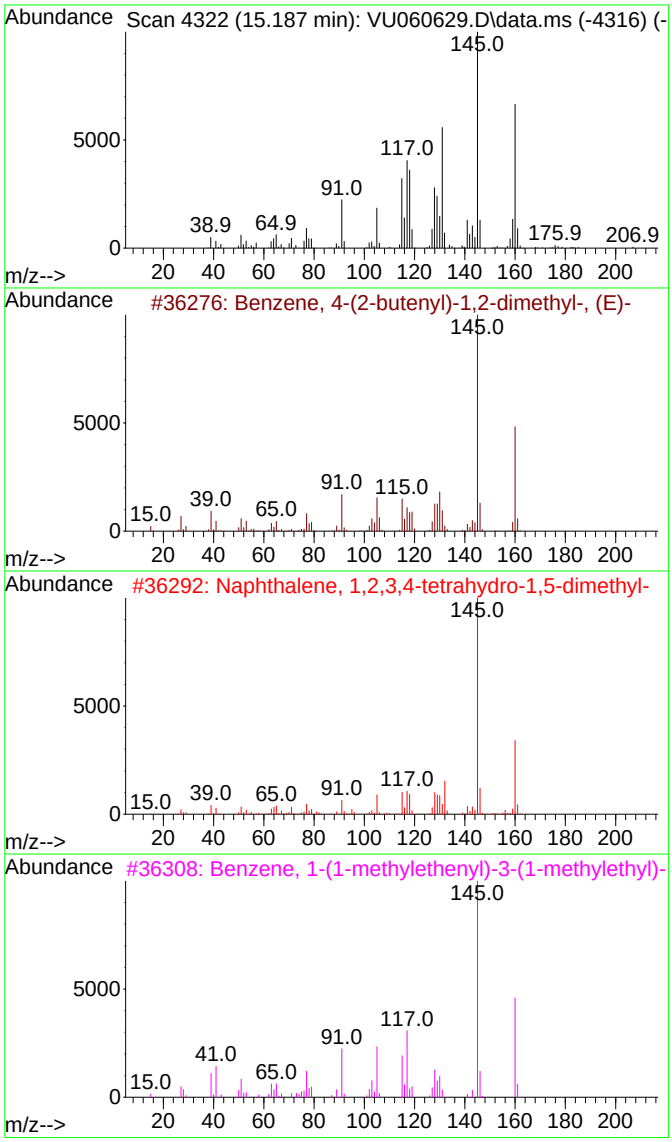
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

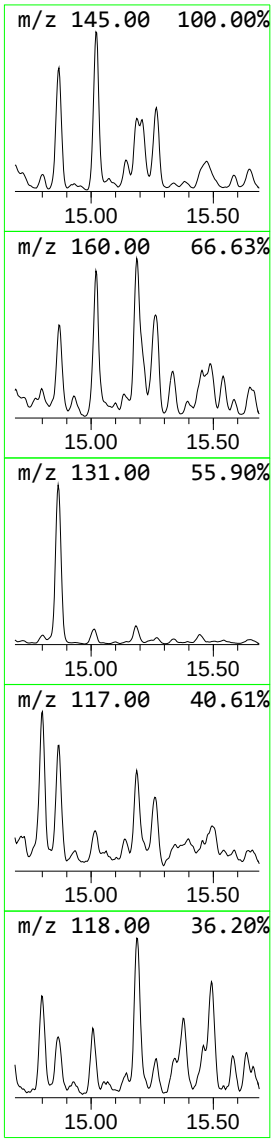
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.187	1.66 ug/L	184033	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

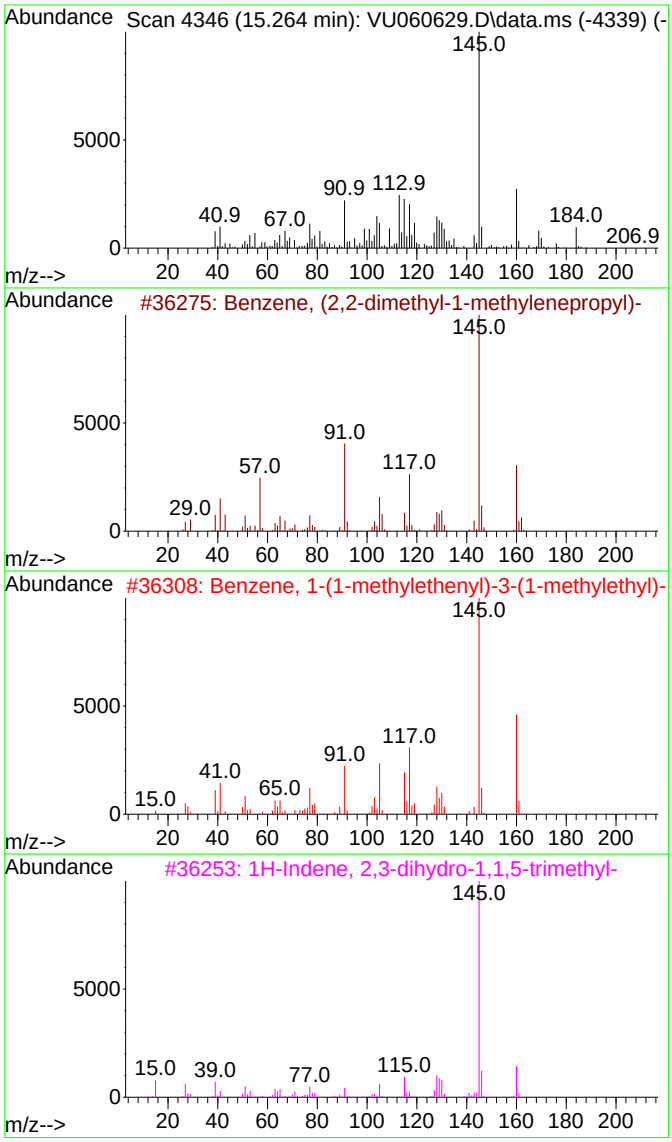
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

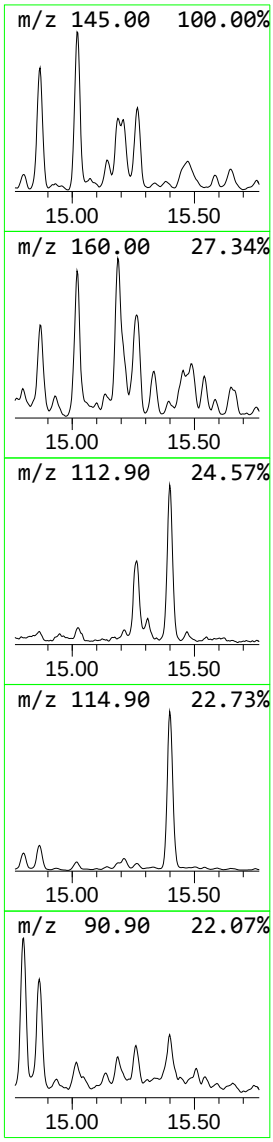
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, (2,2-dimethyl-1-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.264	3.05 ug/L	339032	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	90
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	81
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

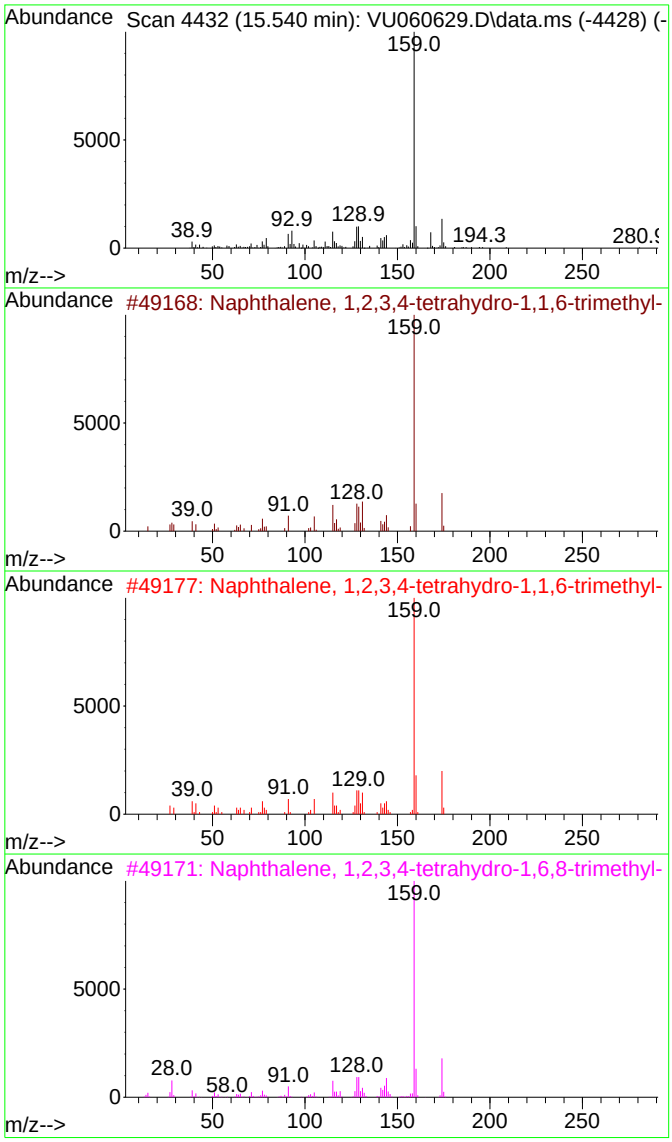
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

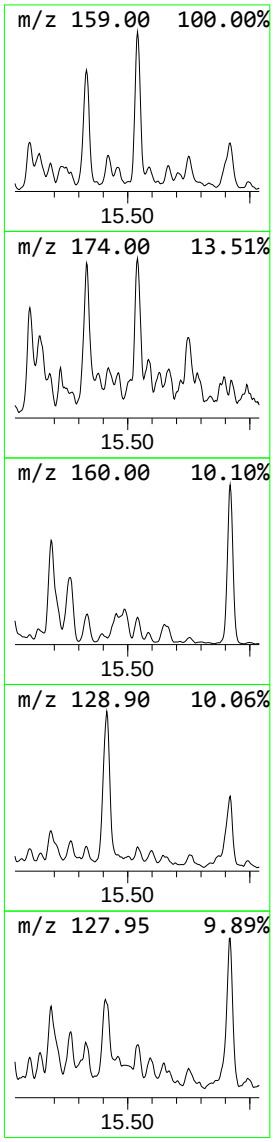
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.540	1.55 ug/L	172102	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	92
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	91
5	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

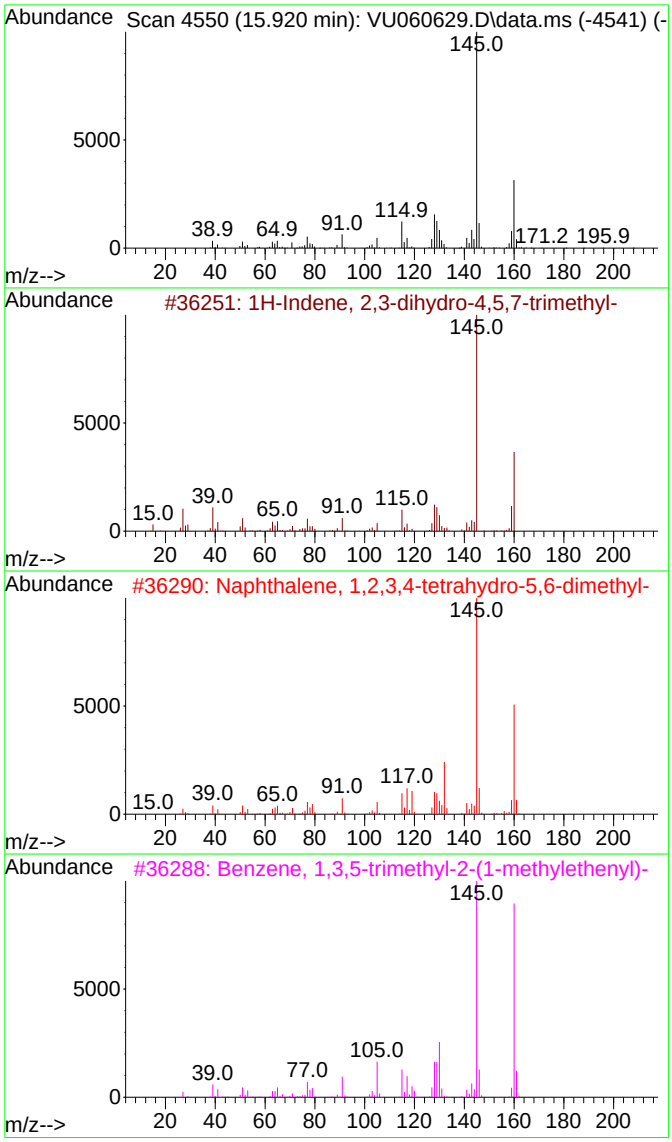
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

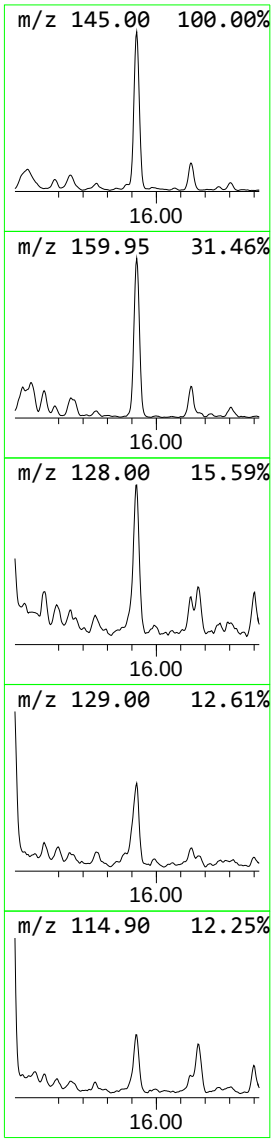
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	5.74 ug/L	637717	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

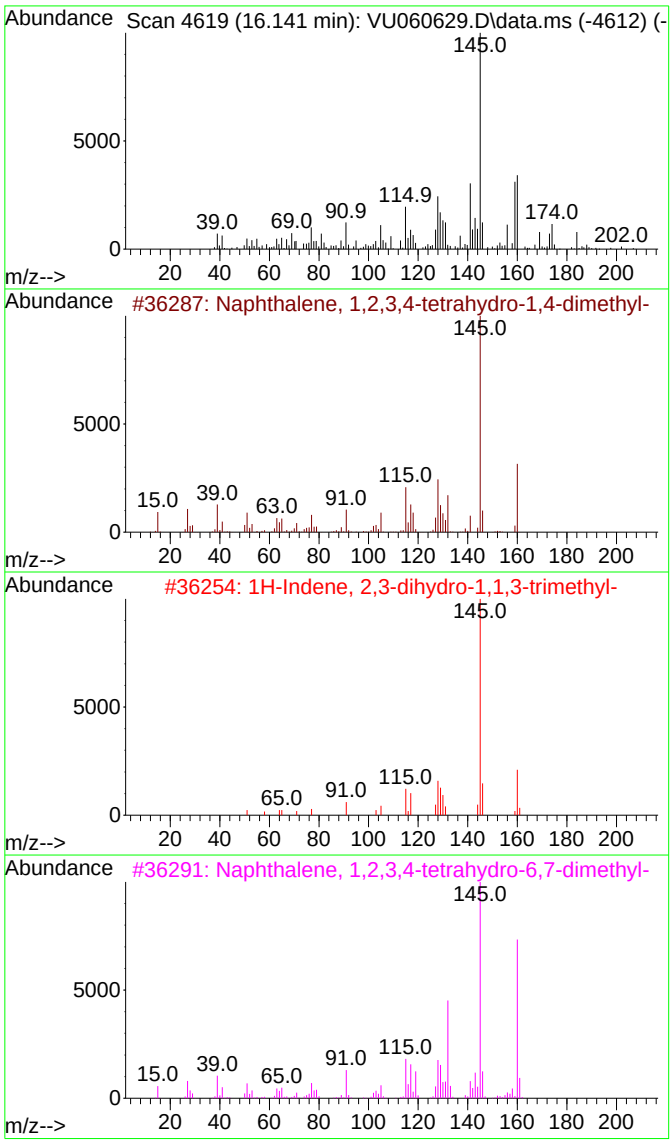
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

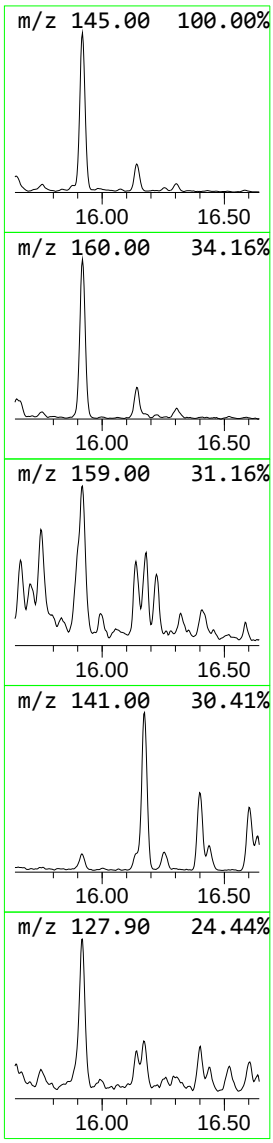
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	1.61 ug/L	178992	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	52
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	52
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

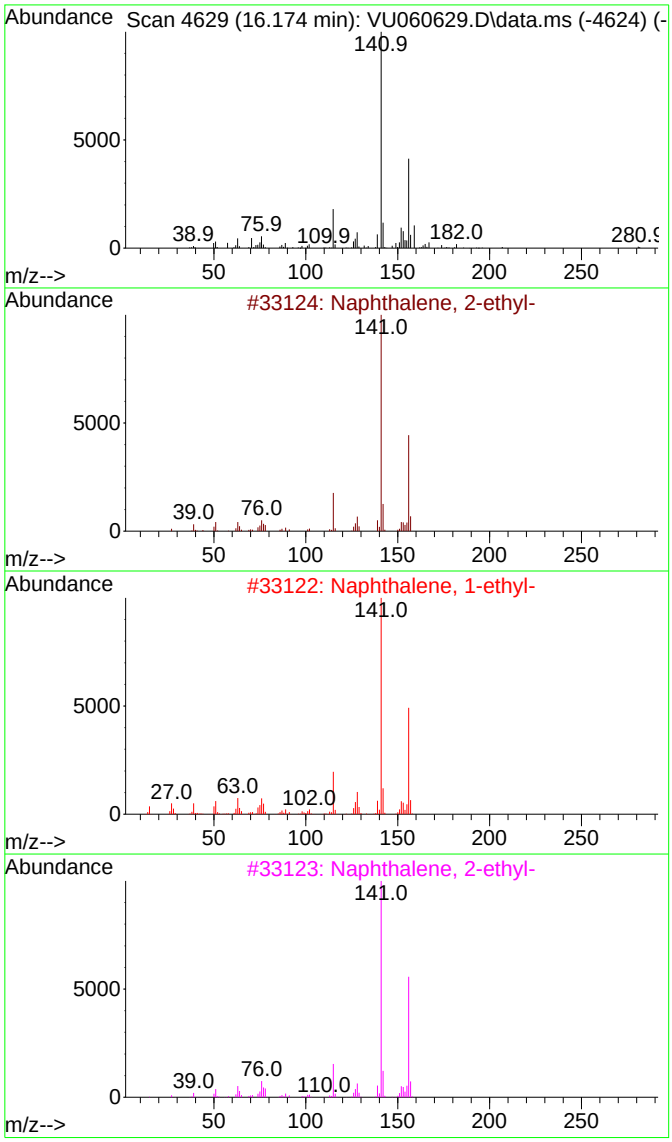
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

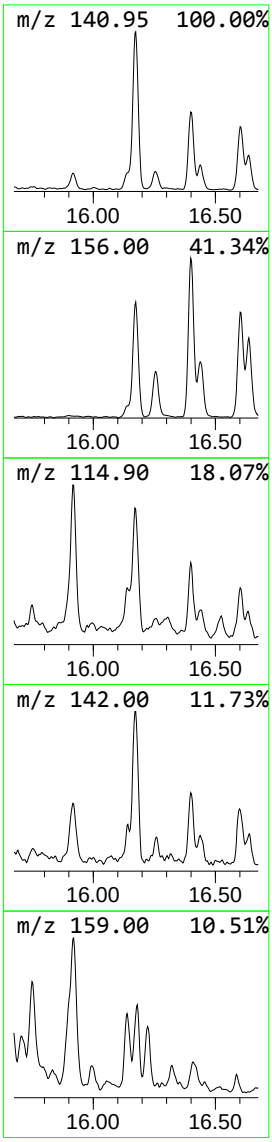
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	2.97 ug/L	330047	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

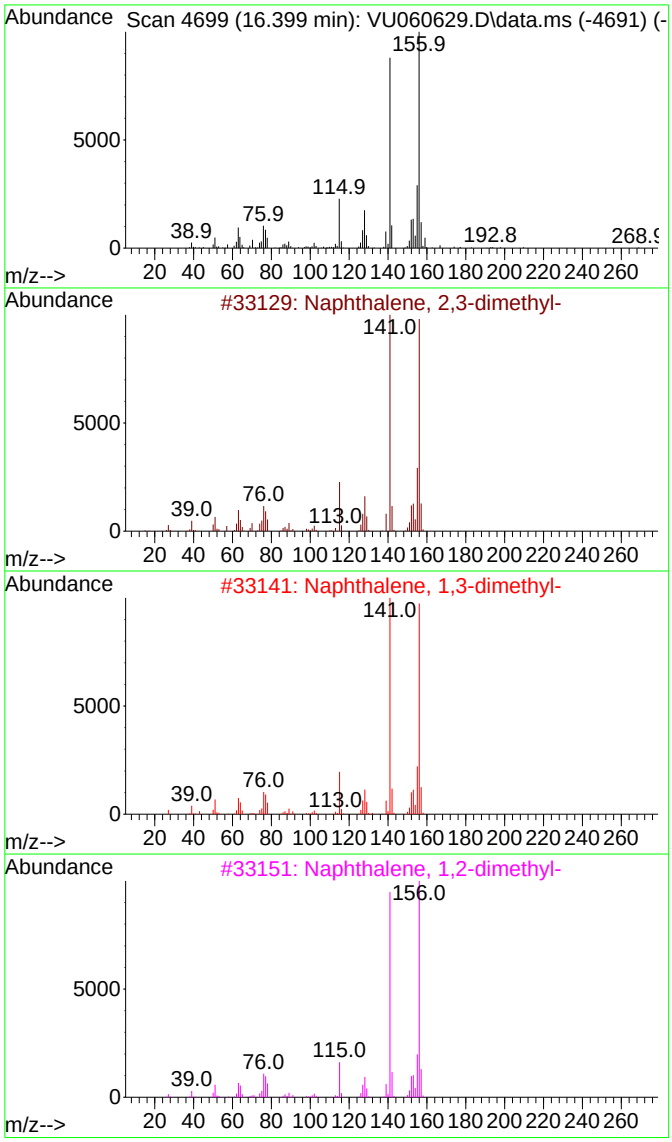
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

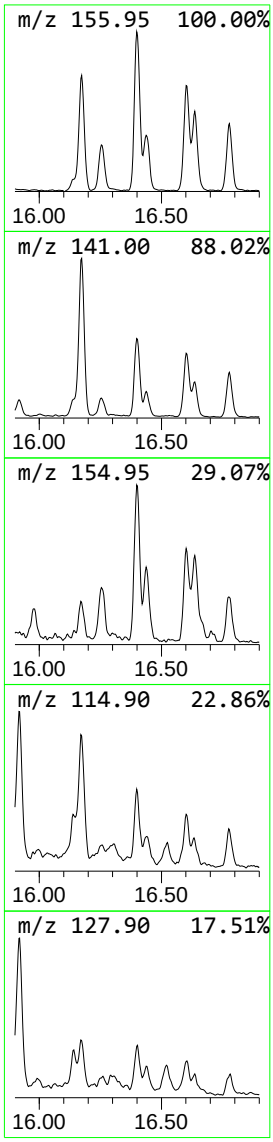
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.399	2.04 ug/L	227144	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

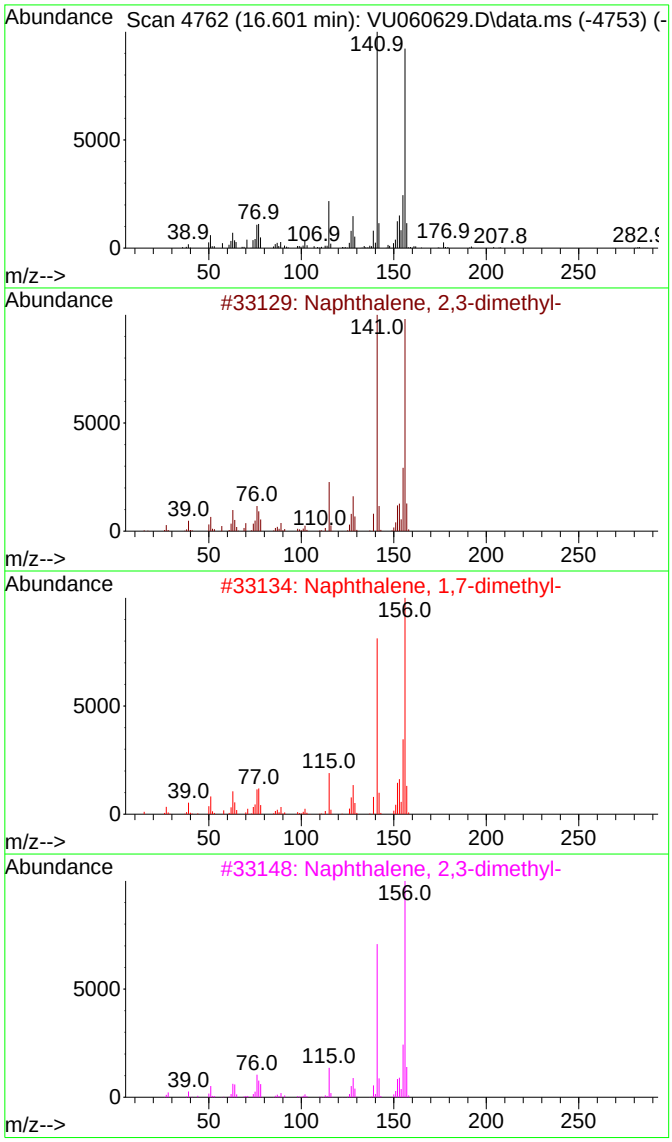
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

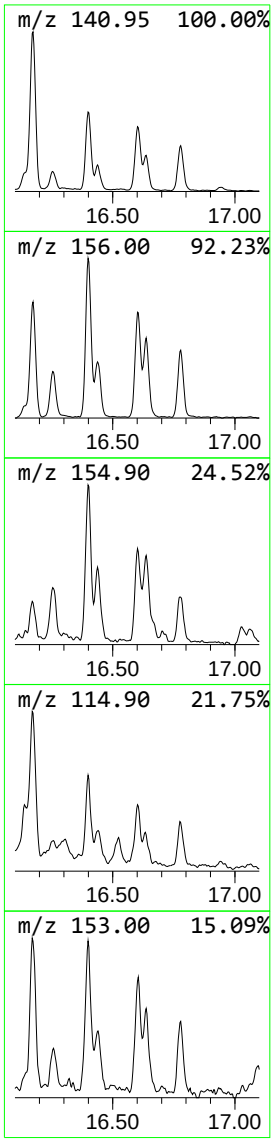
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Naphthalene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.601	1.61 ug/L	179236	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

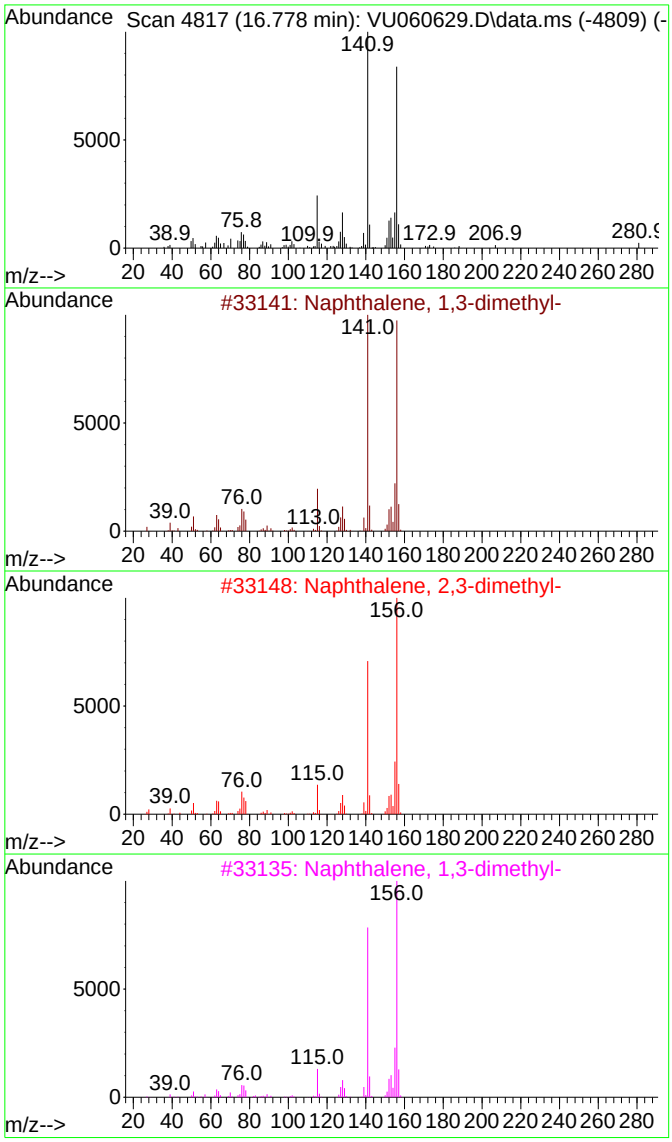
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

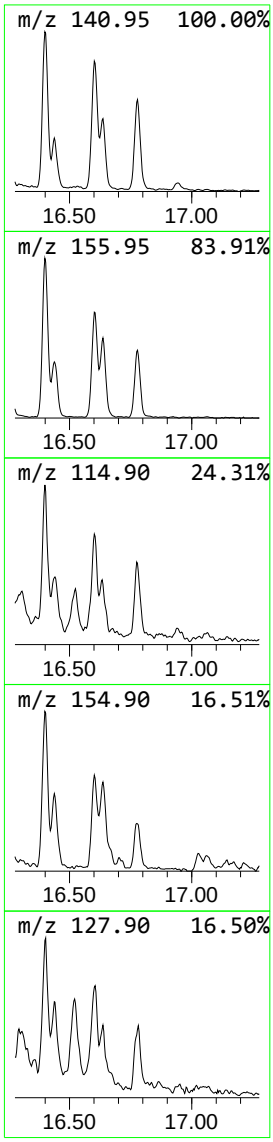
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	1.42 ug/L	157551	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060629.D
Acq On : 05 Sep 2024 16:45
Operator : MD/SY
Sample : P3809-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.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, propyl-	10.897	6.2	ug/L	693347	3	11.804	555585	5.0
Benzene, 1-ethy...	11.016	1.7	ug/L	192167	3	11.804	555585	5.0
Benzene, 1-ethy...	11.286	2.4	ug/L	261141	3	11.804	555585	5.0
Benzene, n-butyl-	11.605	1.3	ug/L	140294	3	11.804	555585	5.0
Oxirane, 2-meth...	11.630	2.3	ug/L	256680	3	11.804	555585	5.0
Benzene, 1,2-di...	12.090	2.3	ug/L	257427	3	11.804	555585	5.0
(E)-1-Phenyl-1-...	12.672	1.9	ug/L	206473	3	11.804	555585	5.0
Benzene, 1-ethy...	12.952	2.1	ug/L	229690	3	11.804	555585	5.0
unknown-01	13.508	1.6	ug/L	174415	3	11.804	555585	5.0
Benzene, 1-ethy...	13.823	1.2	ug/L	137594	3	11.804	555585	5.0
1H-Indene, 2,3-...	13.904	1.5	ug/L	163746	3	11.804	555585	5.0
unknown-02	13.952	2.0	ug/L	219184	3	11.804	555585	5.0
Naphthalene, 1,...	14.180	3.0	ug/L	336310	3	11.804	555585	5.0
Benzene, (1-met...	14.280	5.4	ug/L	596273	3	11.804	555585	5.0
1H-Indene, 2,3-...	14.476	2.2	ug/L	243031	3	11.804	555585	5.0
Benzene, 2,4-di...	14.666	3.6	ug/L	401994	3	11.804	555585	5.0
Benzene, pentam...	14.801	12.9	ug/L	1430980	3	11.804	555585	5.0
1H-Indene, 2,3-...	14.865	12.7	ug/L	1405860	3	11.804	555585	5.0
unknown-03	14.936	1.9	ug/L	212761	3	11.804	555585	5.0
1H-Indene, 2,3-...	15.019	5.4	ug/L	603694	3	11.804	555585	5.0
unknown-04	15.142	1.8	ug/L	196551	3	11.804	555585	5.0
Benzene, 4-(2-b...	15.187	1.7	ug/L	184033	3	11.804	555585	5.0
Benzene, (2,2-d...	15.264	3.0	ug/L	339032	3	11.804	555585	5.0
Naphthalene, 1,...	15.540	1.6	ug/L	172102	3	11.804	555585	5.0
1H-Indene, 2,3-...	15.920	5.7	ug/L	637717	3	11.804	555585	5.0
Naphthalene, 1,...	16.142	1.6	ug/L	178992	3	11.804	555585	5.0
Naphthalene, 2-...	16.174	3.0	ug/L	330047	3	11.804	555585	5.0
Naphthalene, 2,...	16.399	2.0	ug/L	227144	3	11.804	555585	5.0
Naphthalene, 1,...	16.601	1.6	ug/L	179236	3	11.804	555585	5.0
Naphthalene, 1,...	16.778	1.4	ug/L	157551	3	11.804	555585	5.0