LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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: VU060026.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.599	86	96	114	rBV2	308720	375446	11.98%	2.139%
2	1.907	184	192	207	rBV	52989	71980	2.30%	0.410%
3	2.560	383	395	414	rVB2	99819	173403	5.53%	0.988%
4	4.657	1028	1047	1103	rBV	1319131	3134514	100.00%	17.856%
5	5.055	1154	1171	1193	rBV2	94805	211852	6.76%	1.207%
6	5.718	1359	1377	1411	rBV2	188881	521768	16.65%	2.972%
7	6.245	1529	1541	1566	rBV	165592	326262	10.41%	1.859%
8	6.685	1665	1678	1697	rBV	117004	231547	7.39%	1.319%
9	7.563	1938	1951	1967	rBV2	51709	94528	3.02%	0.538%
10	7.894	2042	2054	2064	rBV	216750	375542	11.98%	2.139%
11	7.962	2064	2075	2106	rVB	983181	1689305	53.89%	9.623%
12	8.177	2131	2142	2155	rBV	33085	56873	1.81%	0.324%
13	8.627	2271	2282	2320	rBV	278898	558087	17.80%	3.179%
14	9.412	2513	2526	2547	rBV	249564	429084	13.69%	2.444%
15	9.566	2562	2574	2588	rBV	86538	141348	4.51%	0.805%
16	9.685	2598	2611	2630	rBV	303263	517866	16.52%	2.950%
17	10.094	2726	2738	2762	rVB	256780	421553	13.45%	2.401%
18	10.479	2847	2858	2868	rBV2	20323	32597	1.04%	0.186%
19	10.750	2931	2942	2955	rBV2	108634	174753	5.58%	0.996%
20	10.901	2976	2989	3004	rBV2	48324	85393	2.72%	0.486%
21	10.994	3006	3018	3023	rBV	182509	299658	9.56%	1.707%
22	11.084	3036	3046	3061	rVB	157696	246631	7.87%	1.405%
23	11.287	3098	3109	3127	rBV	140308	228552	7.29%	1.302%
24	11.463	3151	3164	3188	rBV	463298	723768	23.09%	4.123%
25	11.631	3197	3216	3230	rBV5	115101	220919	7.05%	1.259%
26	11.737	3231	3249	3256	rVV3	32831	63285	2.02%	0.361%
27	11.804	3256	3270	3285	rVV3	311021	668704	21.33%	3.809%
28	11.891	3285	3297	3322	rVB	313304	597782	19.07%	3.405%
29	12.090	3346	3359	3365	rBV2	108646	178739	5.70%	1.018%
30	12.187	3377	3389	3410	rVB2	334592	598446	19.09%	3.409%
31	12.373	3436	3447	3458	rBV	41150	62919	2.01%	0.358%
32	12.460	3461	3474	3478	rBV3	47512	73556	2.35%	0.419%
33	12.489	3479	3483	3497	rVB	58027	81948	2.61%	0.467%
34	12.566	3497	3507	3514	rBV	65984	98510	3.14%	0.561%
35	12.605	3514	3519	3527	rVB	24266	32580	1.04%	0.186%
36	12.676	3532	3541	3561	rVB2	69929	151445	4.83%	0.863%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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	12.868	3589	3601	3612	rVB3	35927	62942	2.01%	0.359%
38	12.942	3612	3624	3629	rBV	79363	135596	4.33%	0.772%
39	13.020	3640	3648	3664	rVB	74662	117964	3.76%	0.672%
40	13.290	3724	3732	3740	rVB2	35413	53800	1.72%	0.306%
41	13.447	3771	3781	3791	rVV3	157859	278304	8.88%	1.585%
42	13.508	3792	3800	3810	rVB	83886	135338	4.32%	0.771%
43	13.618	3823	3834	3849	rVB	88971	141526	4.52%	0.806%
44	13.730	3856	3869	3878	rBV5	47325	87387	2.79%	0.498%
45	13.833	3891	3901	3914	rBV5	33358	68276	2.18%	0.389%
46	13.936	3927	3933	3954	rVB3	26361	59042	1.88%	0.336%
47	14.081	3964	3978	3999	rVB	117767	216065	6.89%	1.231%
48	14.283	4025	4041	4051	rBV8	22350	47635	1.52%	0.271%
49	14.479	4089	4102	4120	rBV	34272	64143	2.05%	0.365%
50	14.666	4147	4160	4181	rBV4	49643	127859	4.08%	0.728%
51	14.804	4194	4203	4212	rBV2	19894	31424	1.00%	0.179%
52	14.868	4214	4223	4236	rVB2	38867	63002	2.01%	0.359%
53	15.010	4257	4267	4278	rBV3	31339	55408	1.77%	0.316%
54	15.216	4313	4331	4358	rBV	584739	961008	30.66%	5.475%
55	15.405	4378	4390	4401	rBV	483962	780559	24.90%	4.447%
56	16.257	4646	4655	4667	rBV2	29415	51738	1.65%	0.295%
57	16.405	4691	4701	4708	rBV	39142	63891	2.04%	0.364%

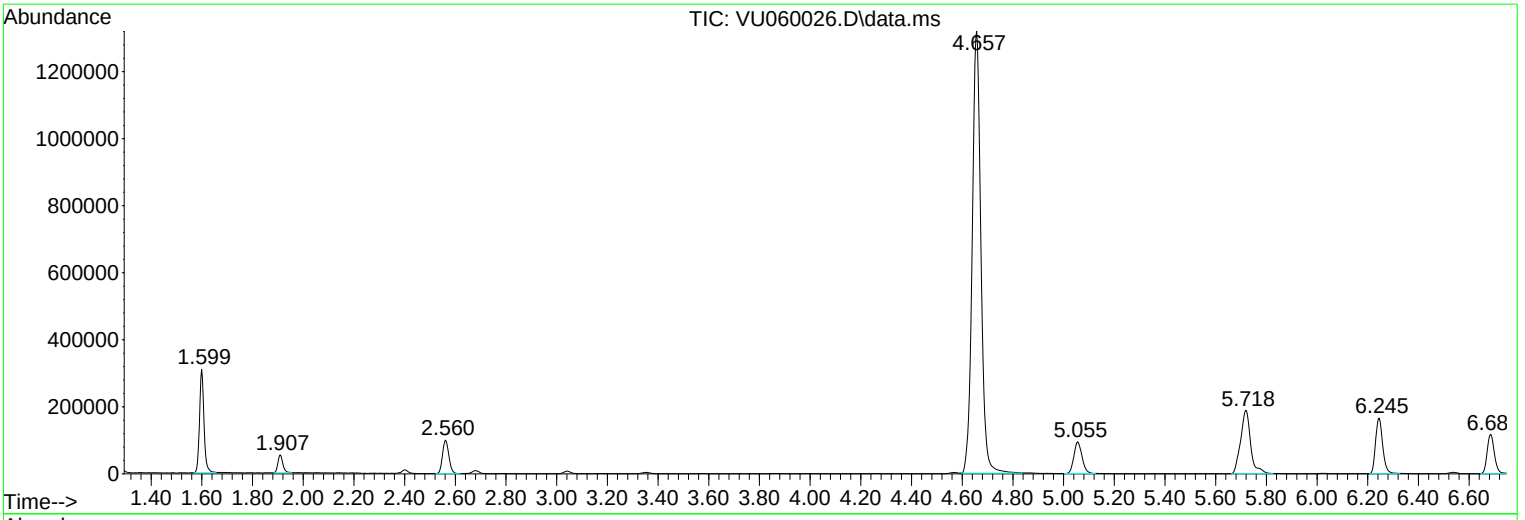
Sum of corrected areas: 17554050

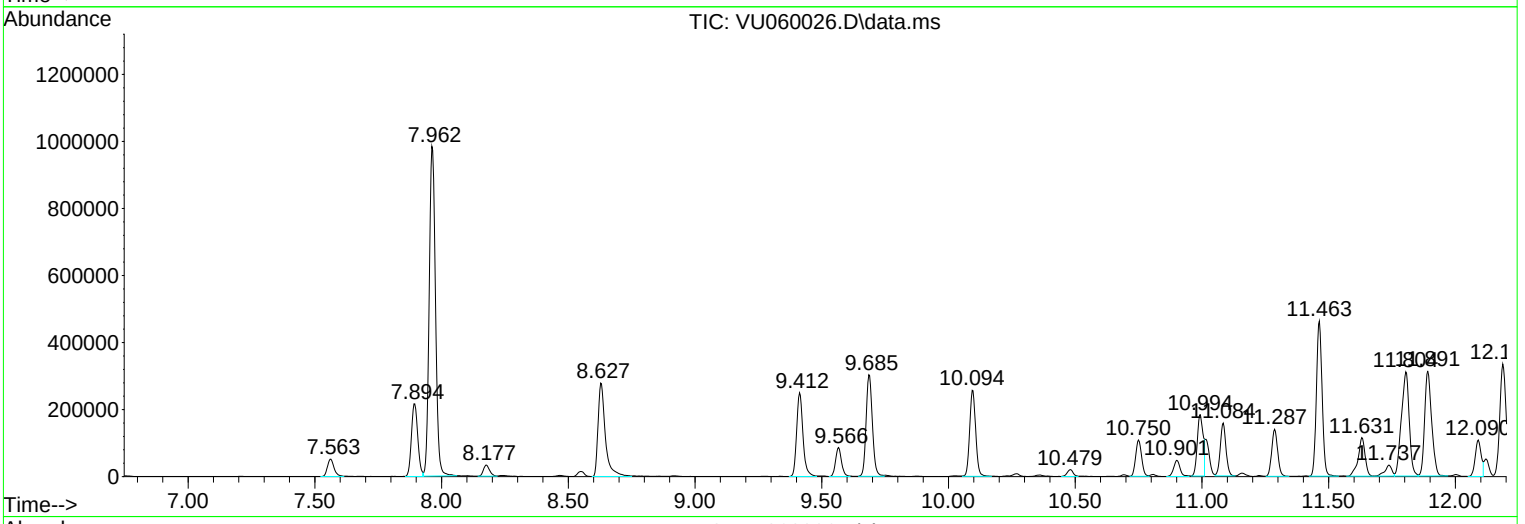
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

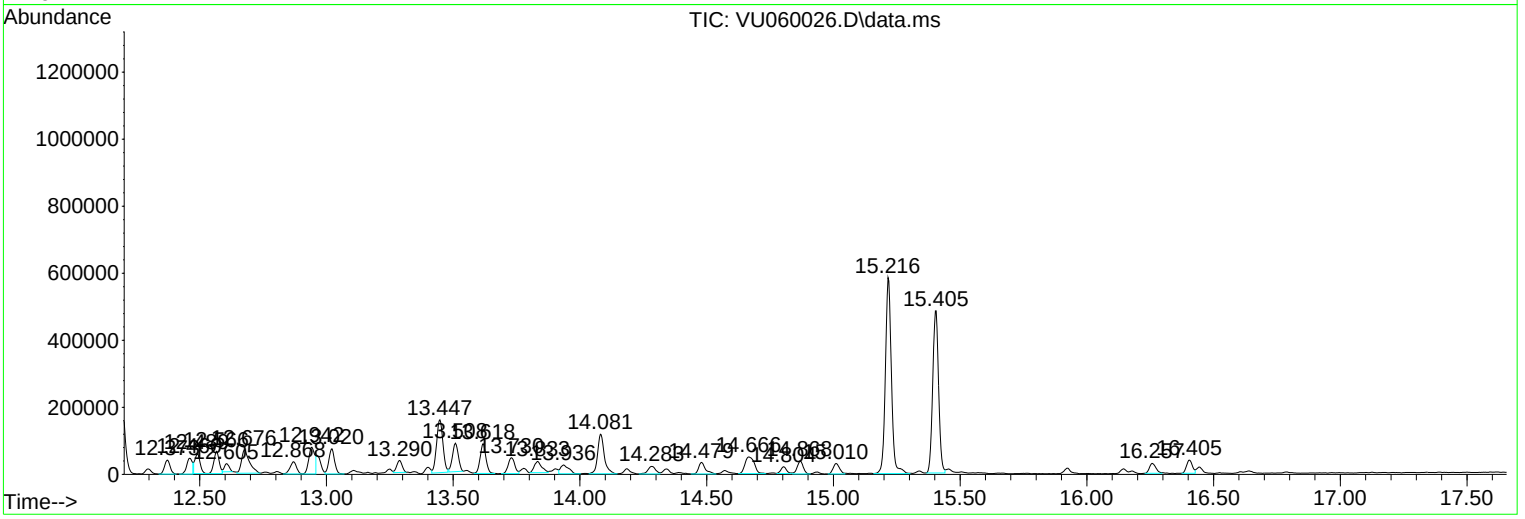
Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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 : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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

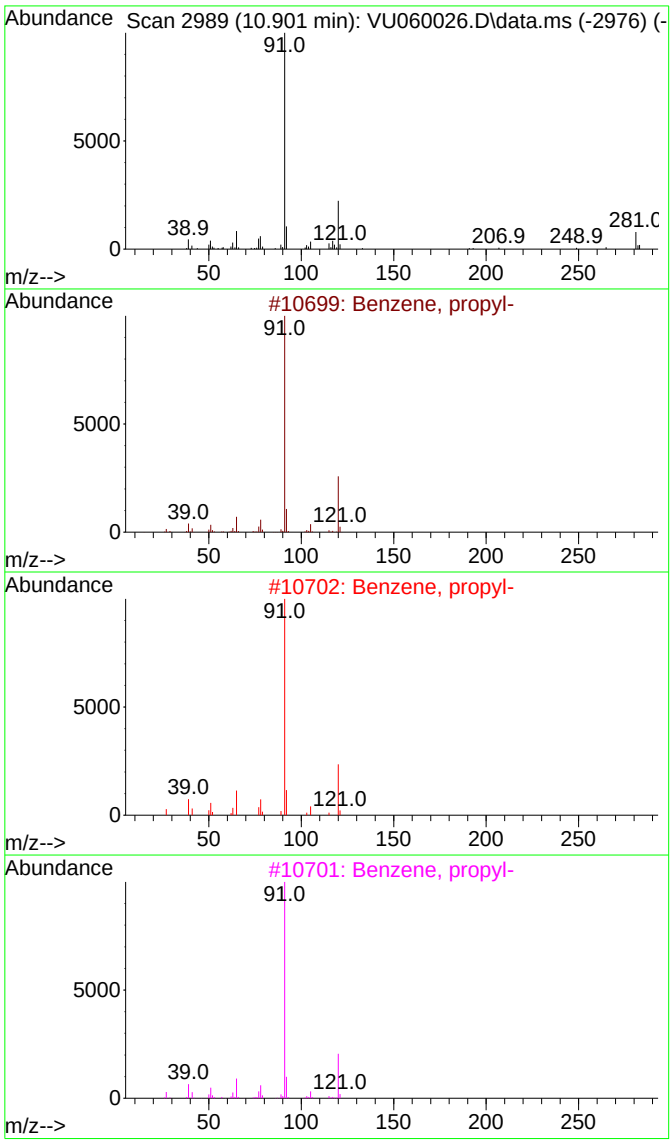
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

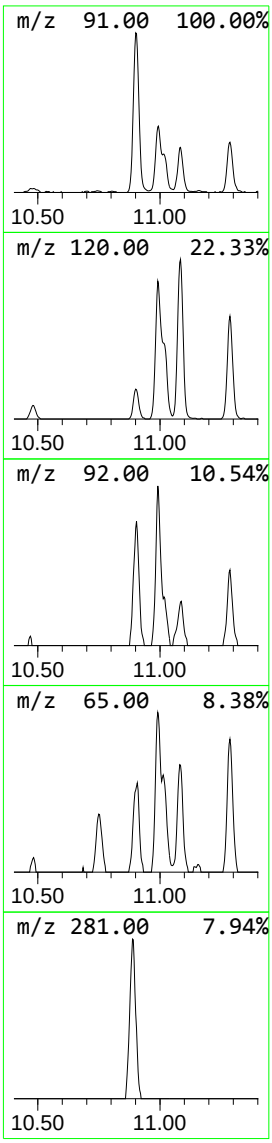
****

Peak Number 2 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	0.64 ug/L	85393	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	70
2	Benzene, propyl-	120	C9H12	000103-65-1	70
3	Benzene, propyl-	120	C9H12	000103-65-1	70
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

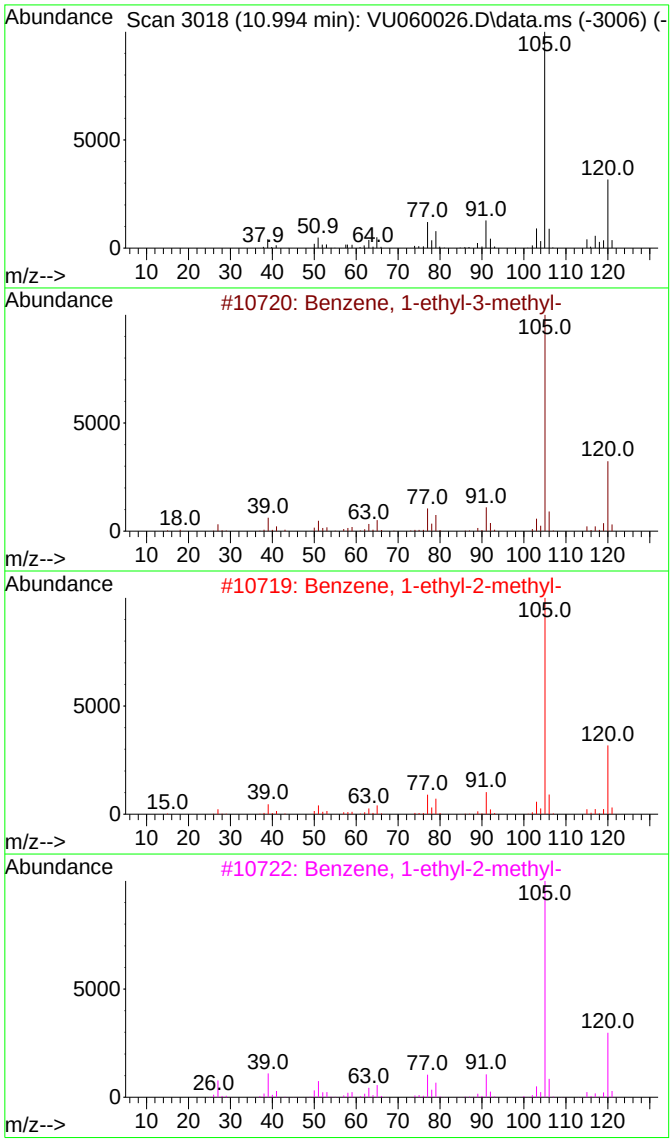
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

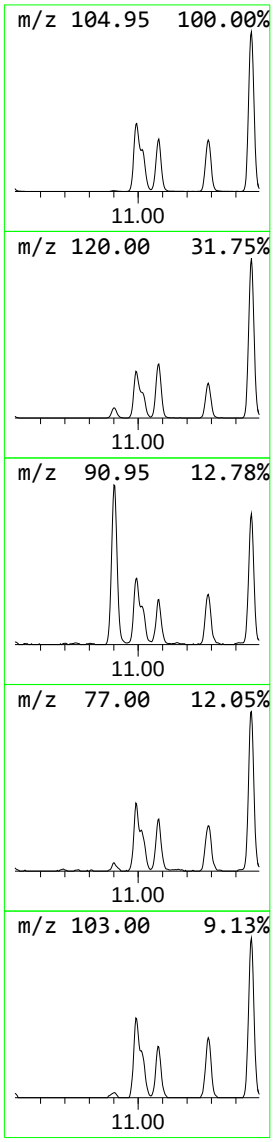
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	2.24 ug/L	299658	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

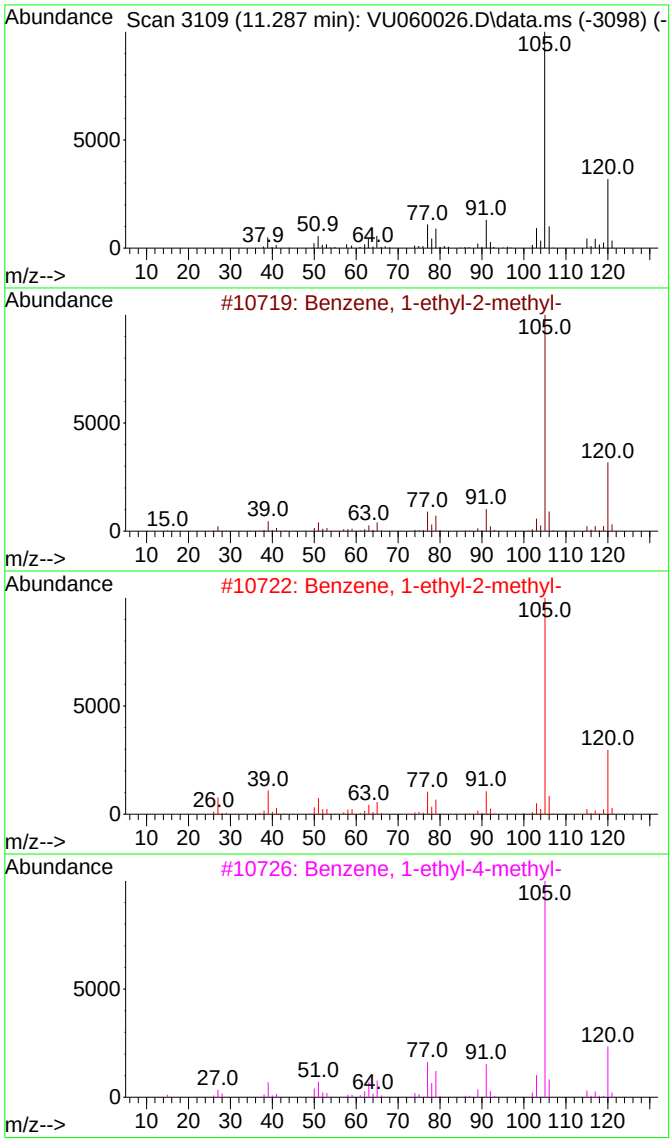
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

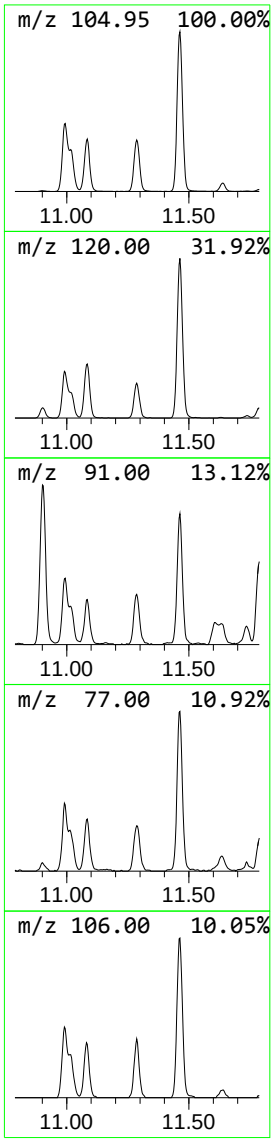
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	1.71 ug/L	228552	1,4-Dichlorobenzene-d4	11.807

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

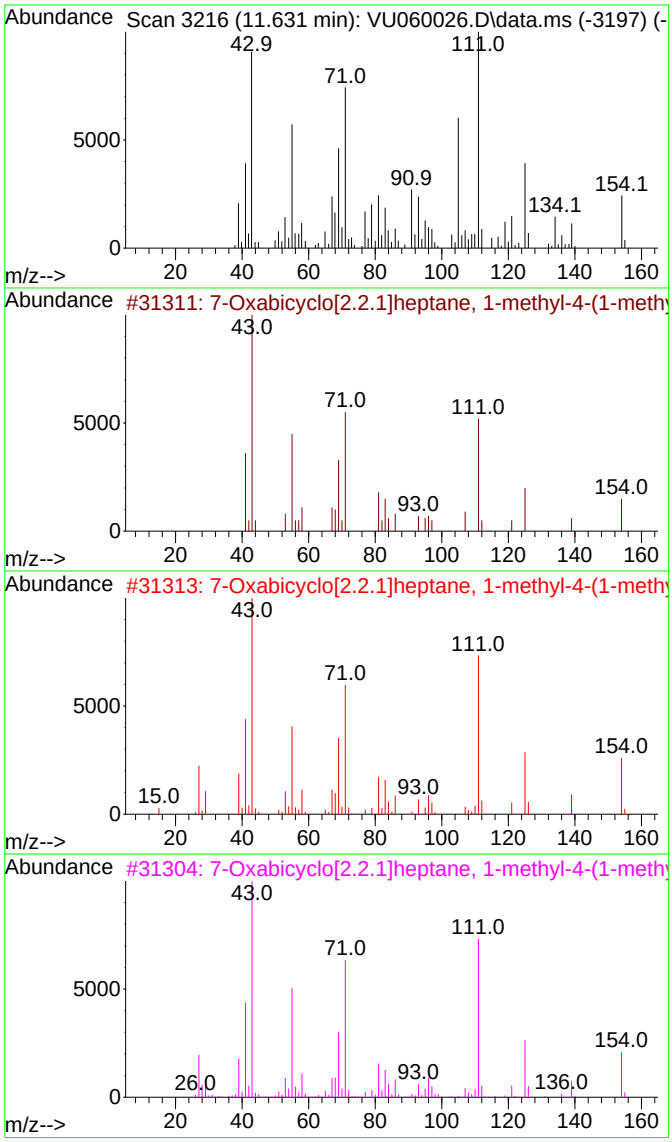
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

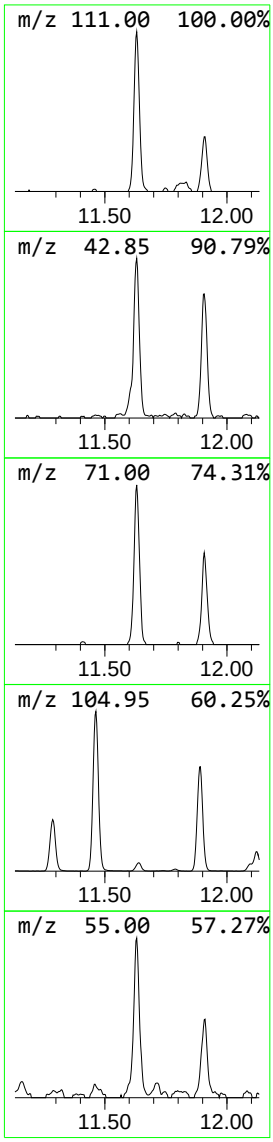
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.631	1.65 ug/L	220919	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	91
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	91
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	76
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

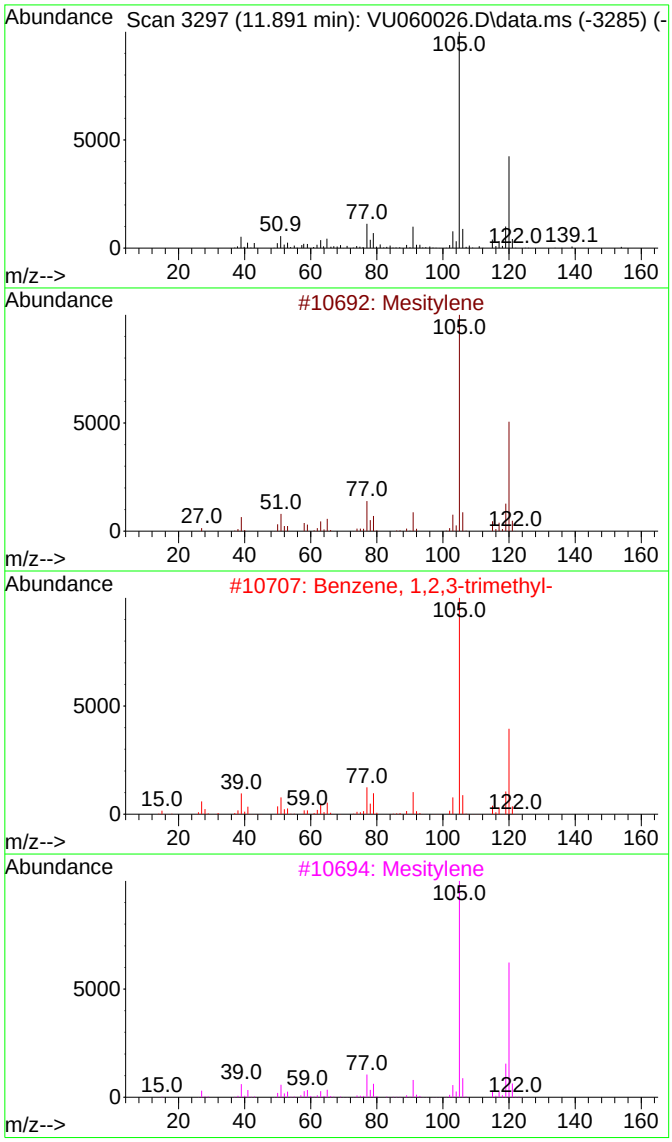
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

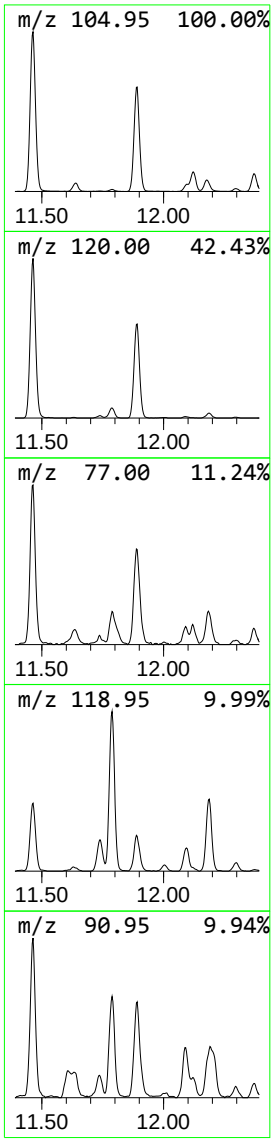
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	4.47 ug/L	597782	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

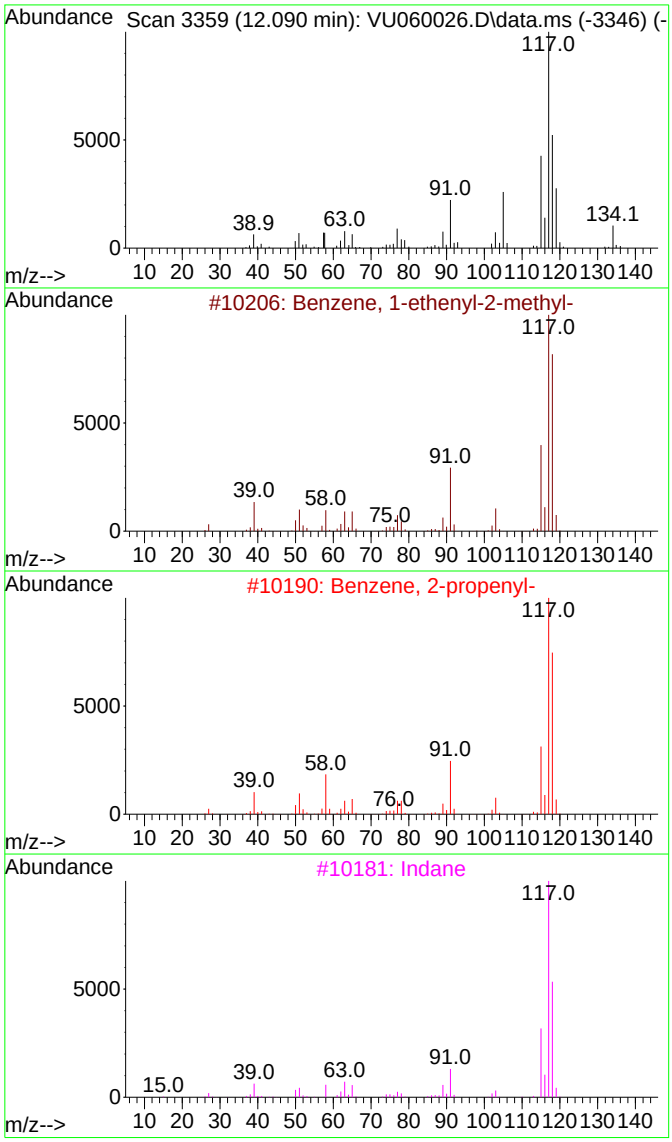
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

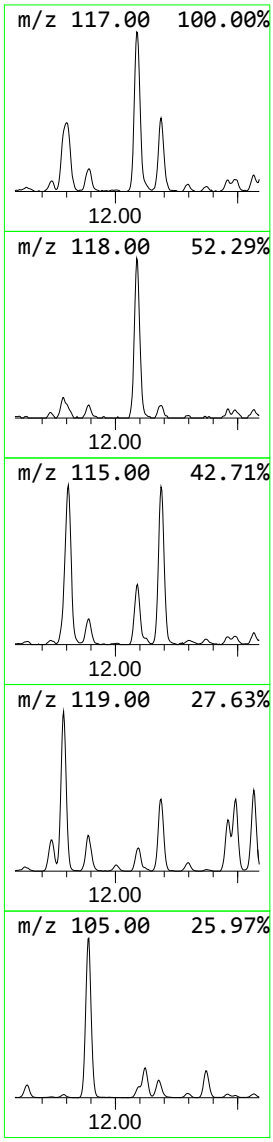
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	1.34 ug/L	178739	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

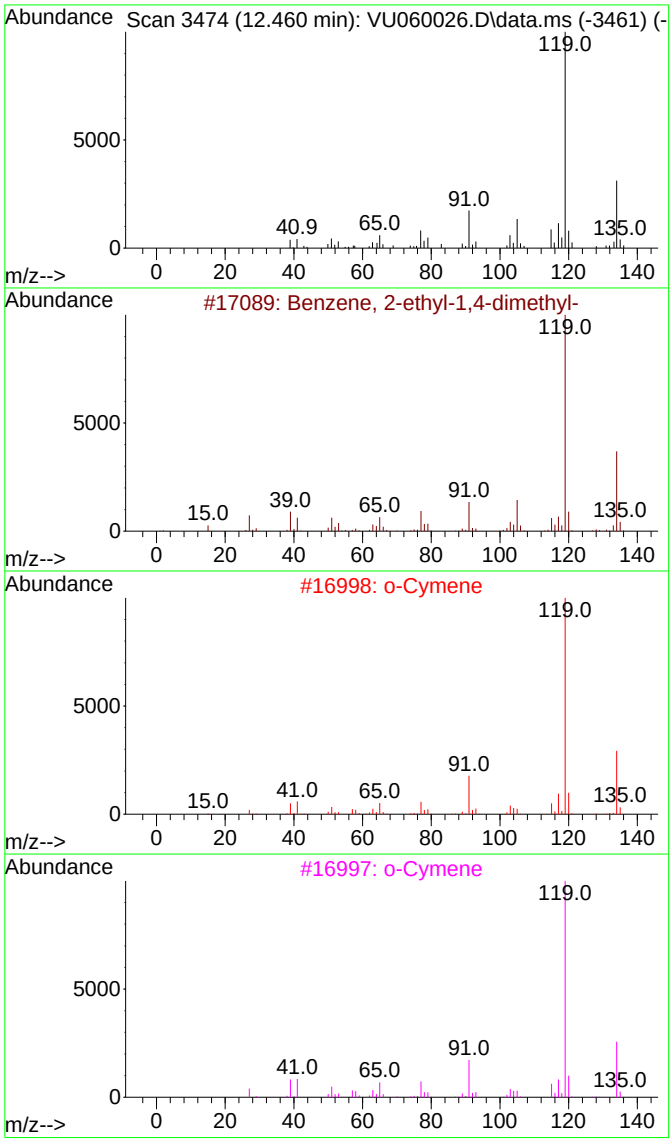
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

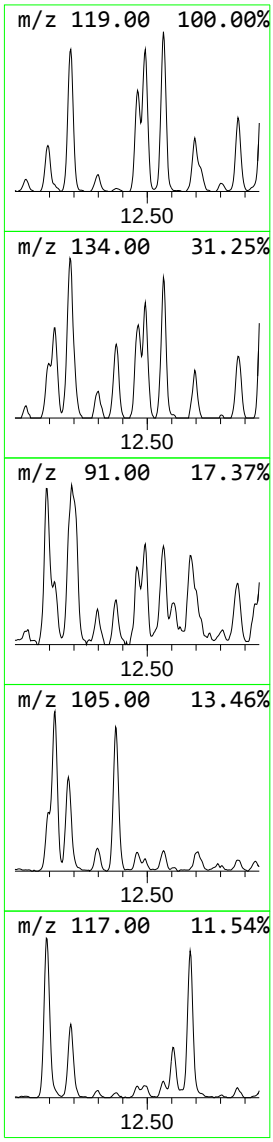
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.460	0.55 ug/L	73556	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

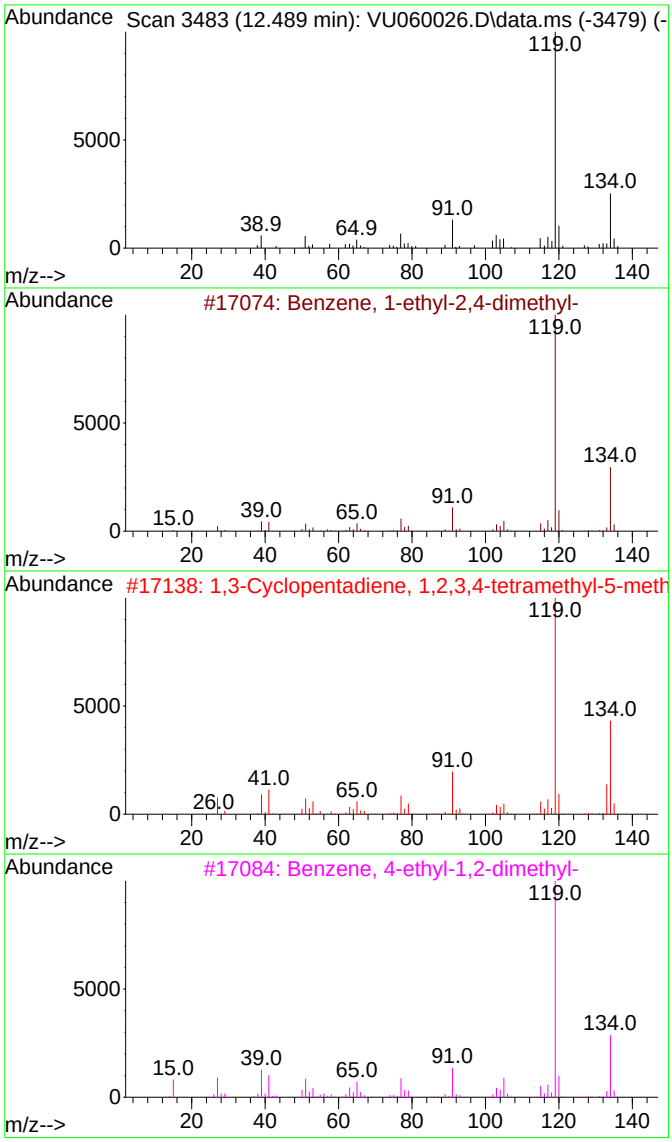
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

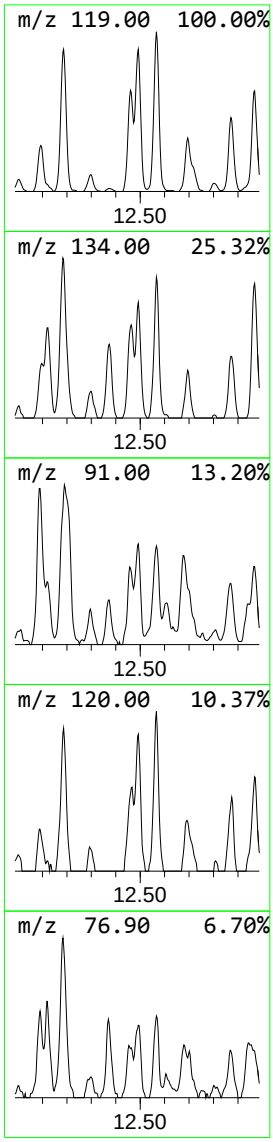
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.489	0.61 ug/L	81948	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

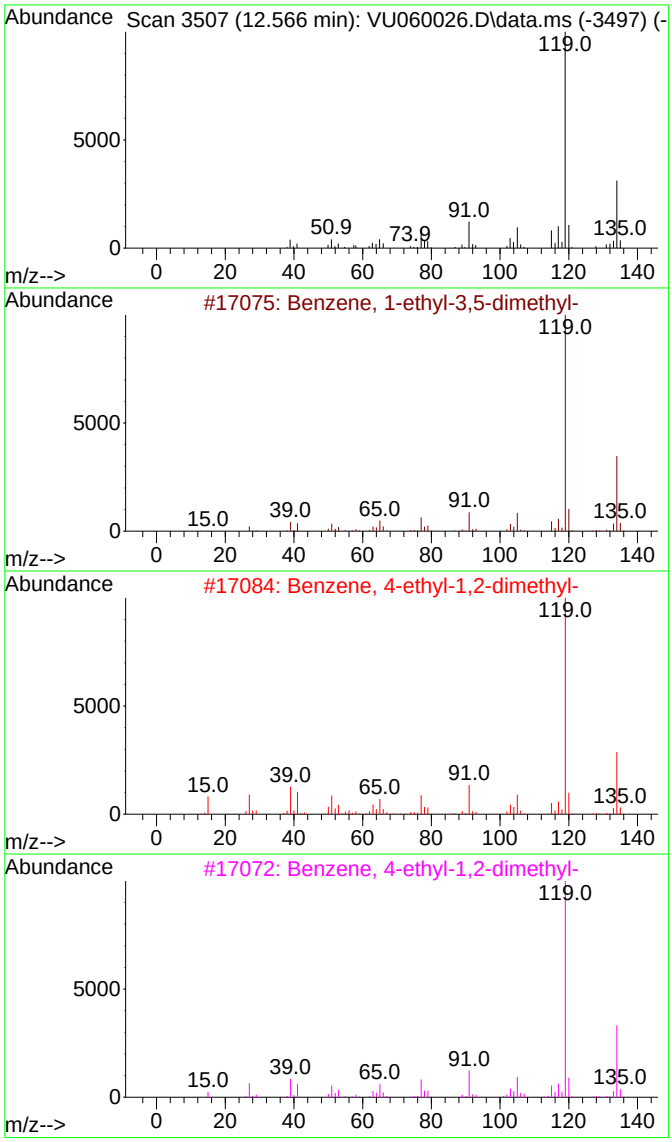
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

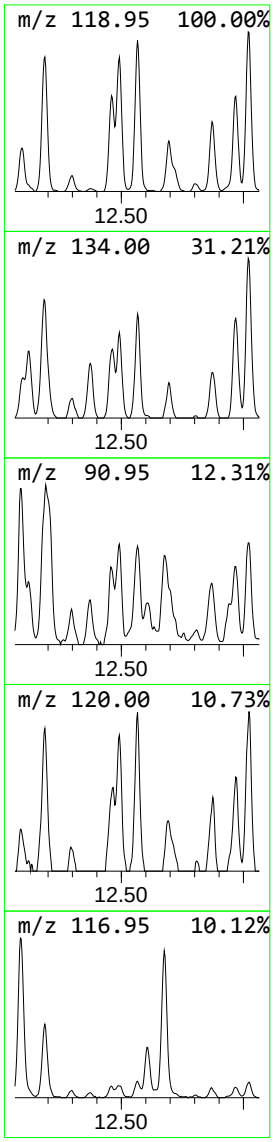
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	0.74 ug/L	98510	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

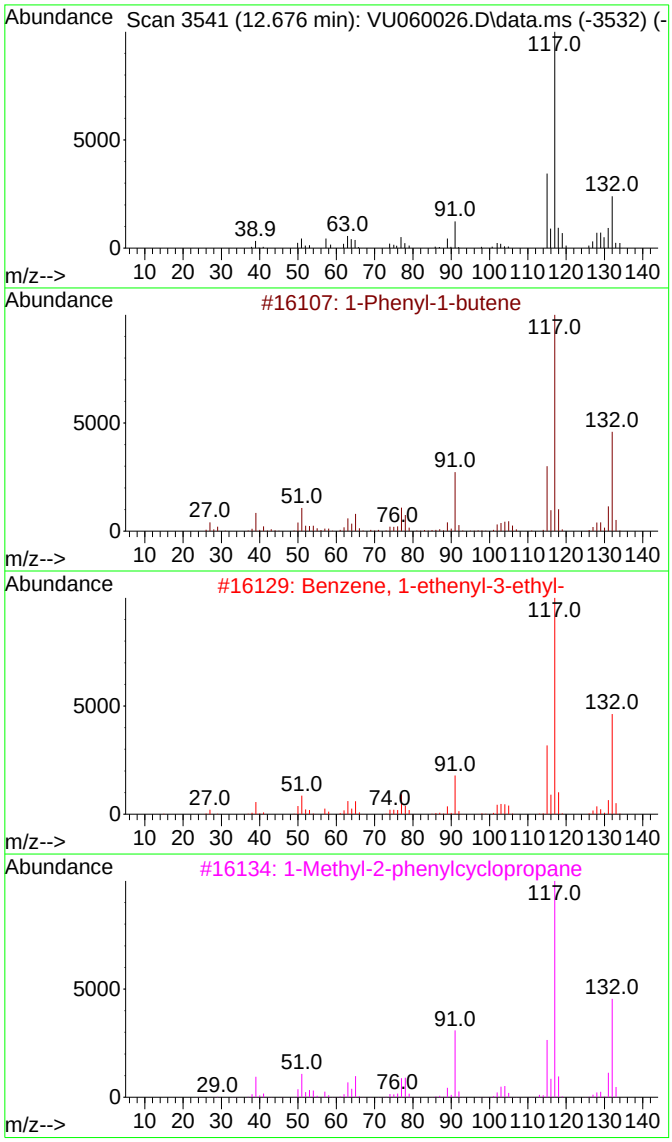
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

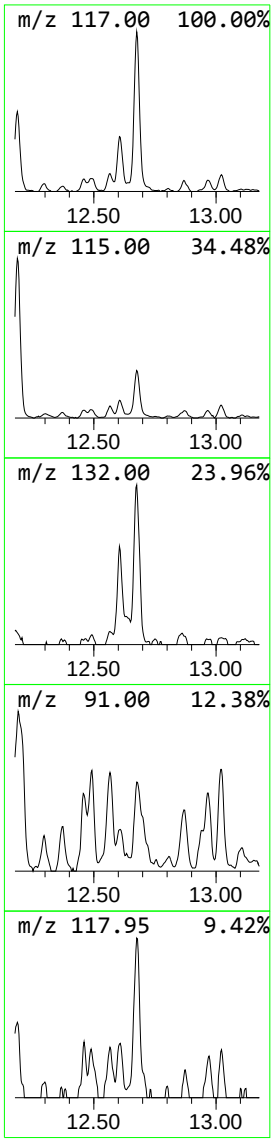
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.13 ug/L	151445	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	78
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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

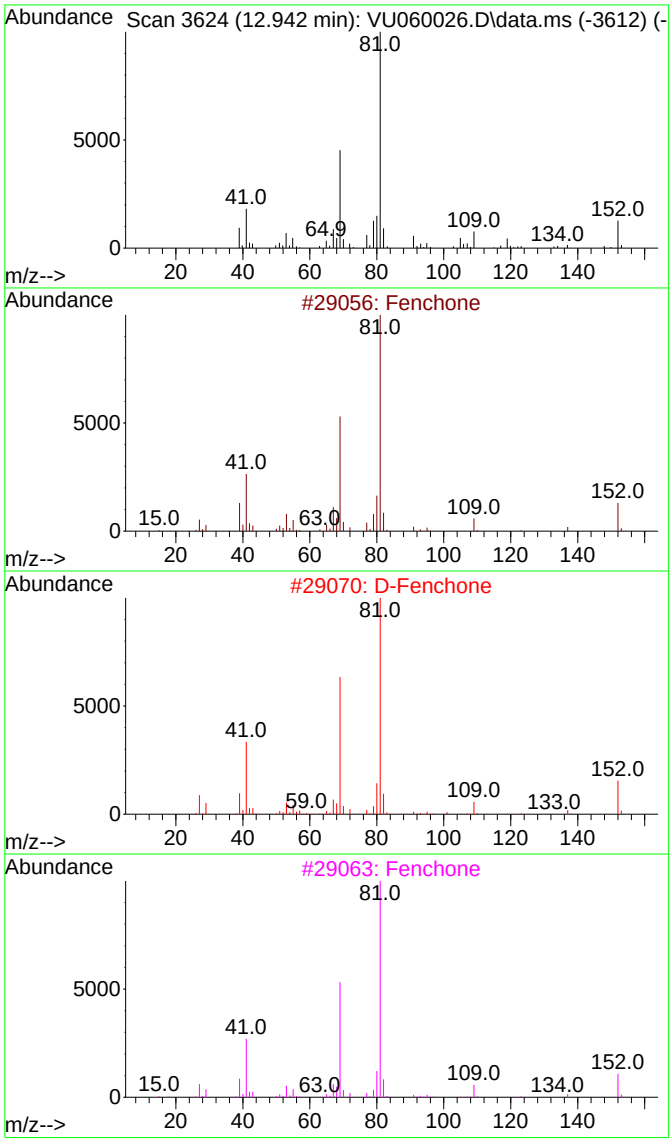
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

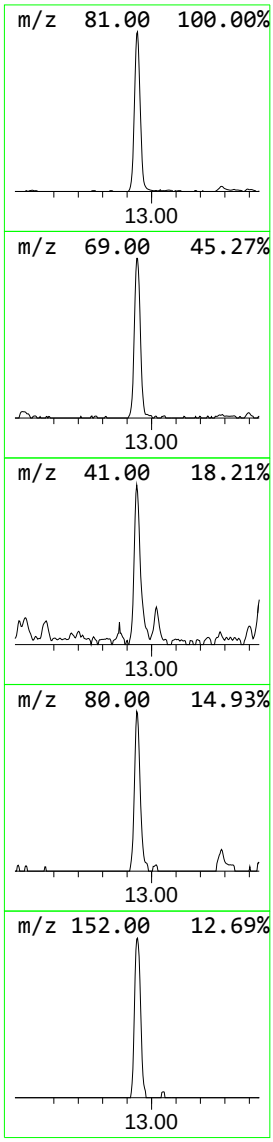
****

Peak Number 12 Fenchone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	1.01 ug/L	135596	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	D-Fenchone	152	C10H16O	004695-62-9	90
3	Fenchone	152	C10H16O	001195-79-5	90
4	L-Fenchone	152	C10H16O	007787-20-4	90
5	L-Fenchone	152	C10H16O	007787-20-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

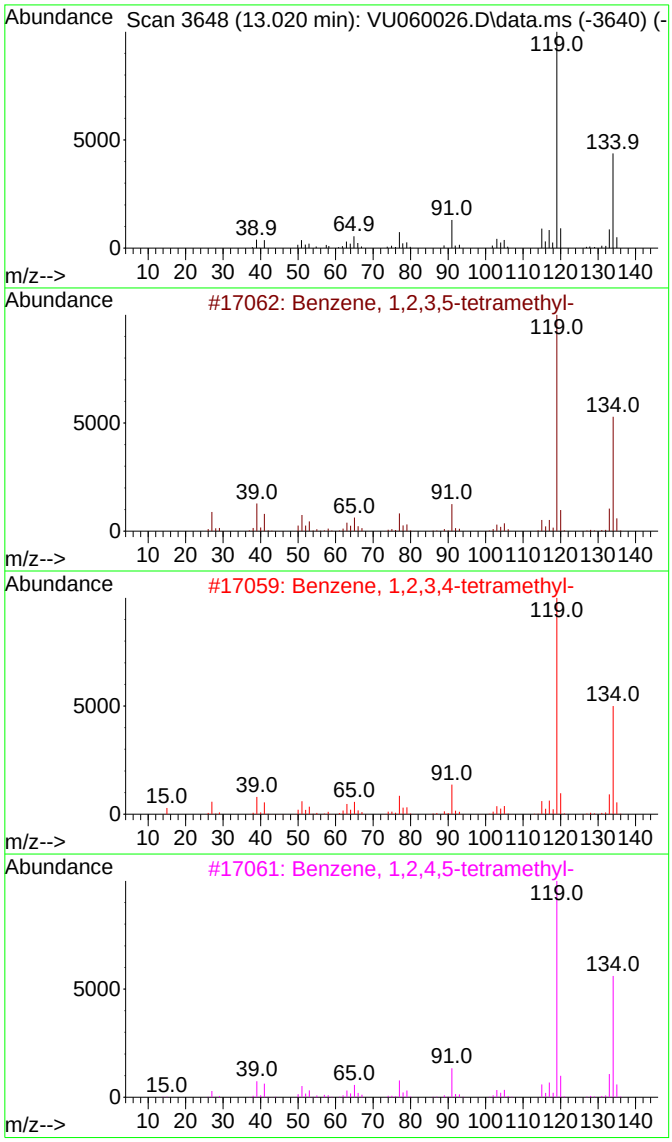
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

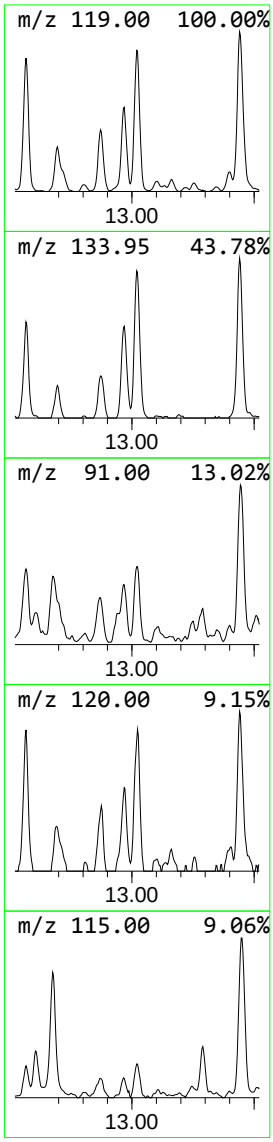
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.88 ug/L	117964	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	o-Cymene	134	C10H14	000527-84-4	96
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

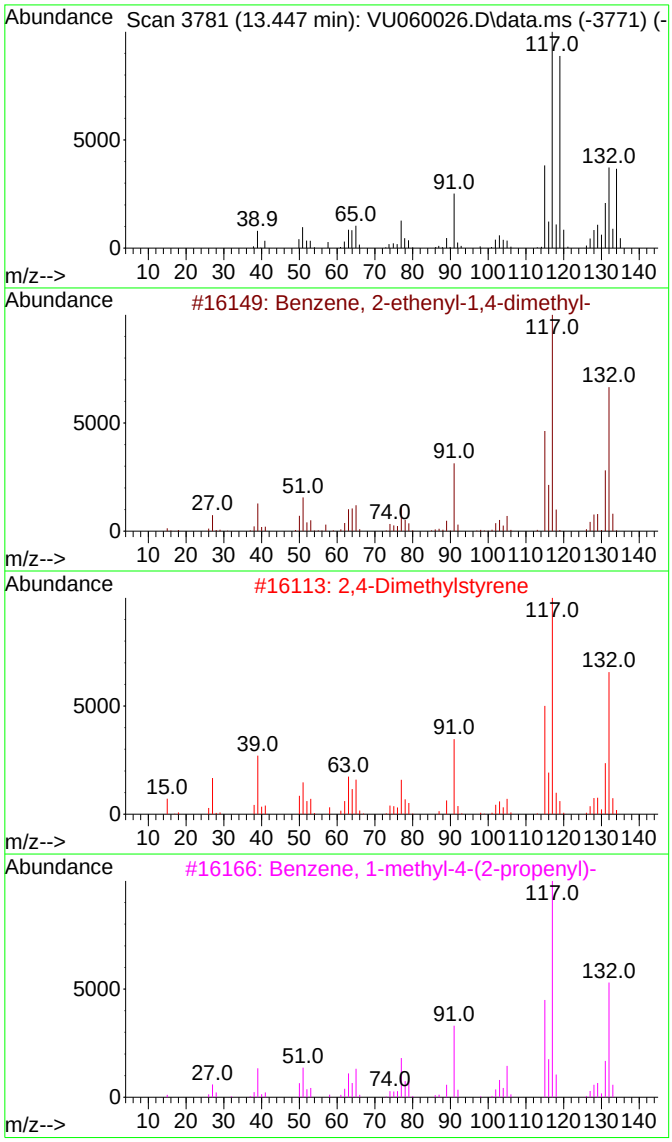
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

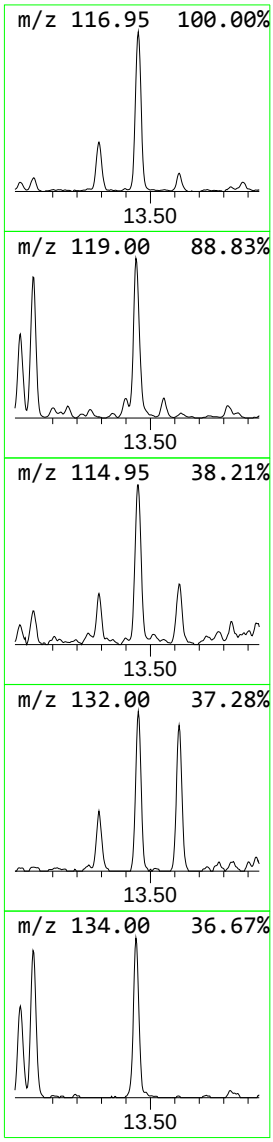
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	2.08 ug/L	278304	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

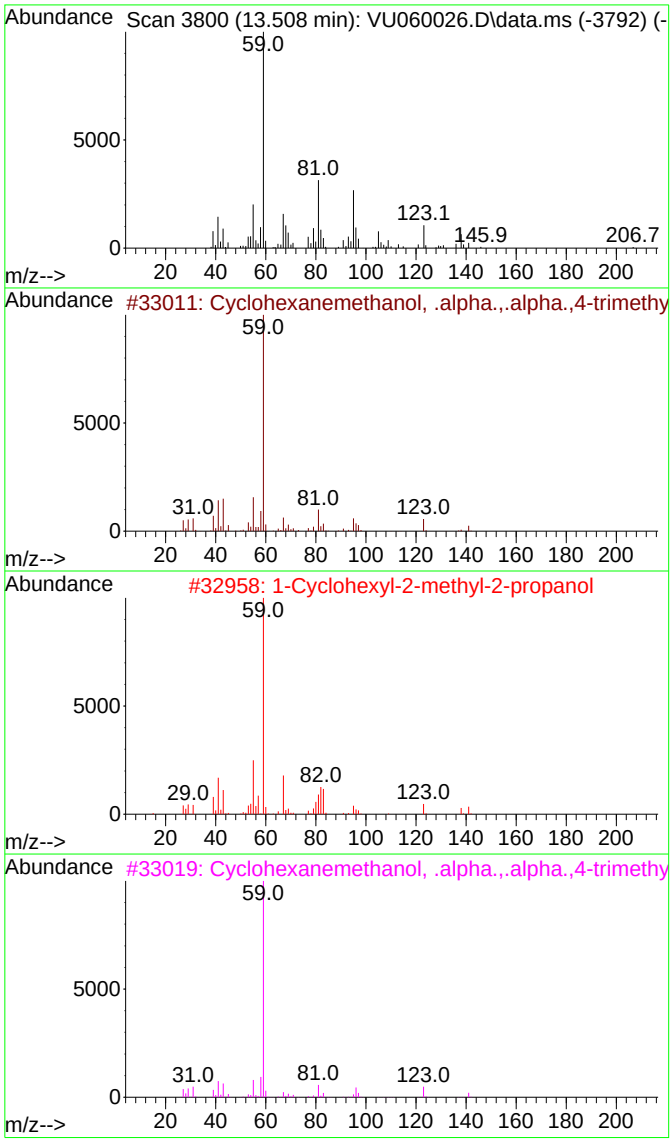
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

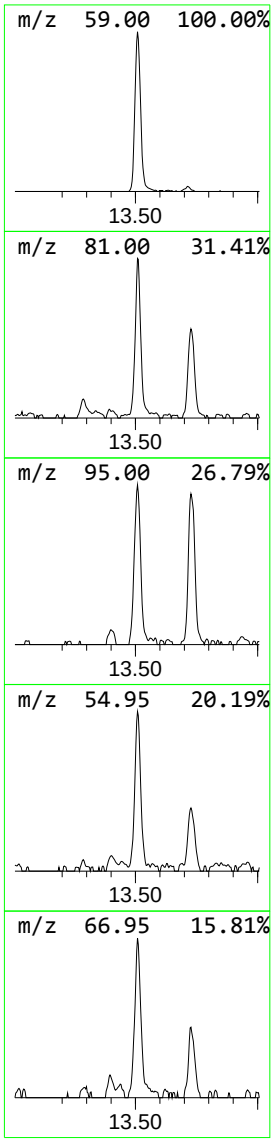
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexanemethanol, .alpha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	1.01 ug/L	135338	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	50
2	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	42
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	40
4	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	38
5	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1010281-69-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

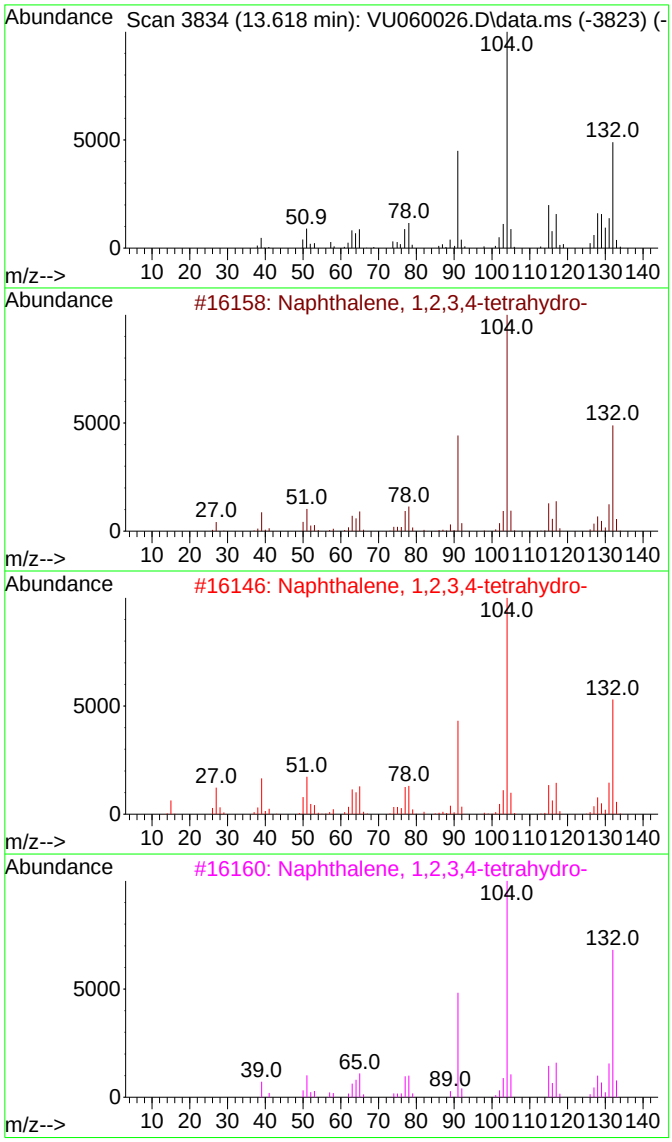
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

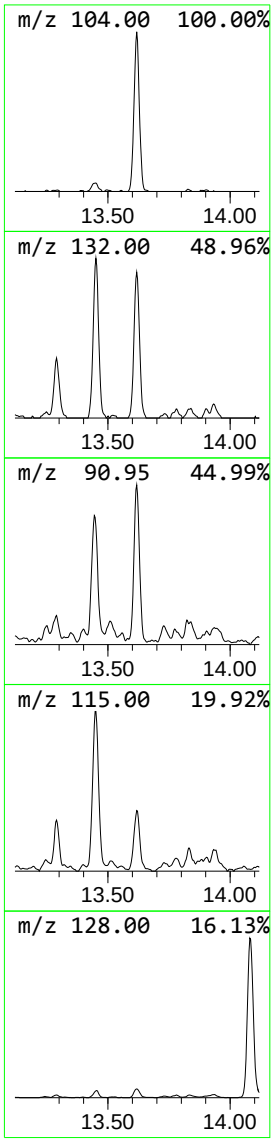
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	1.06 ug/L	141526	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	93
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

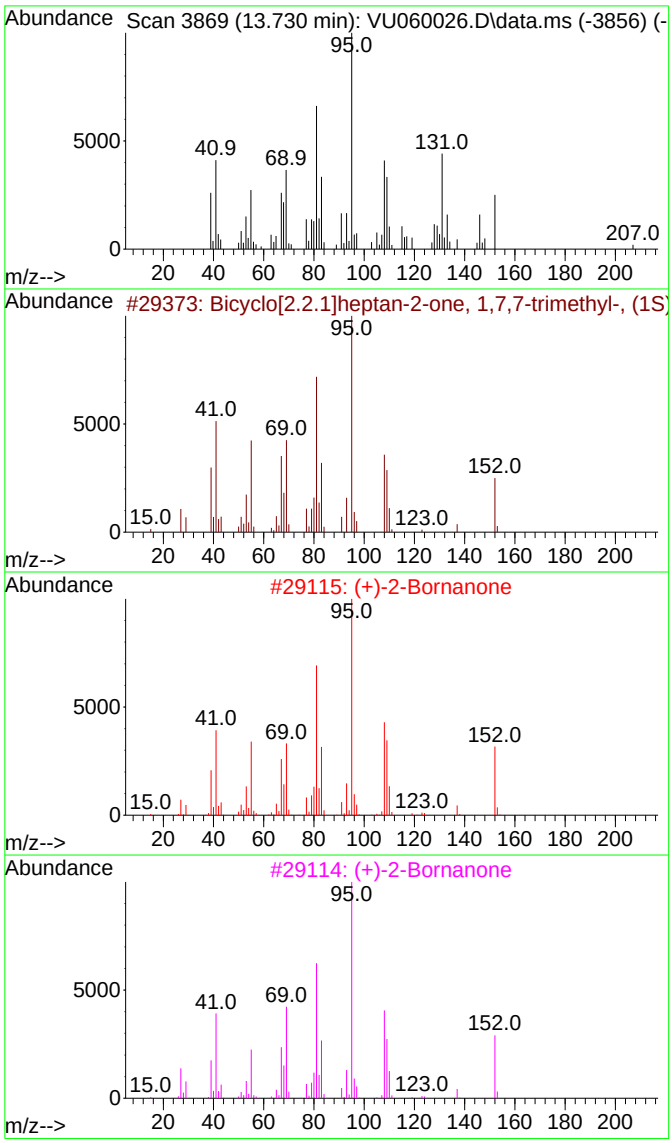
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

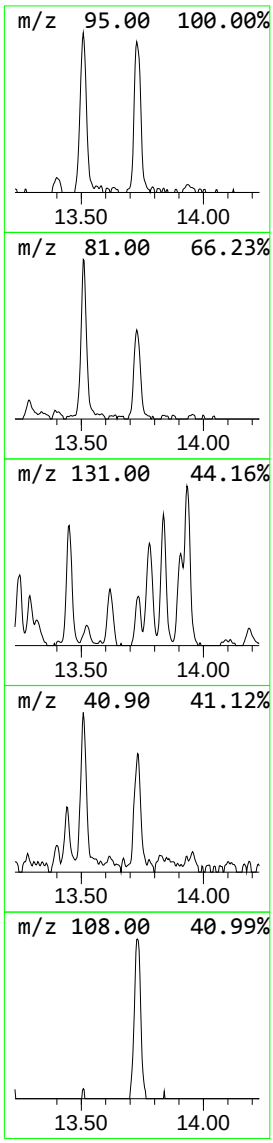
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	0.65 ug/L	87387	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	92
5	Camphor	152	C10H16O	000076-22-2	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

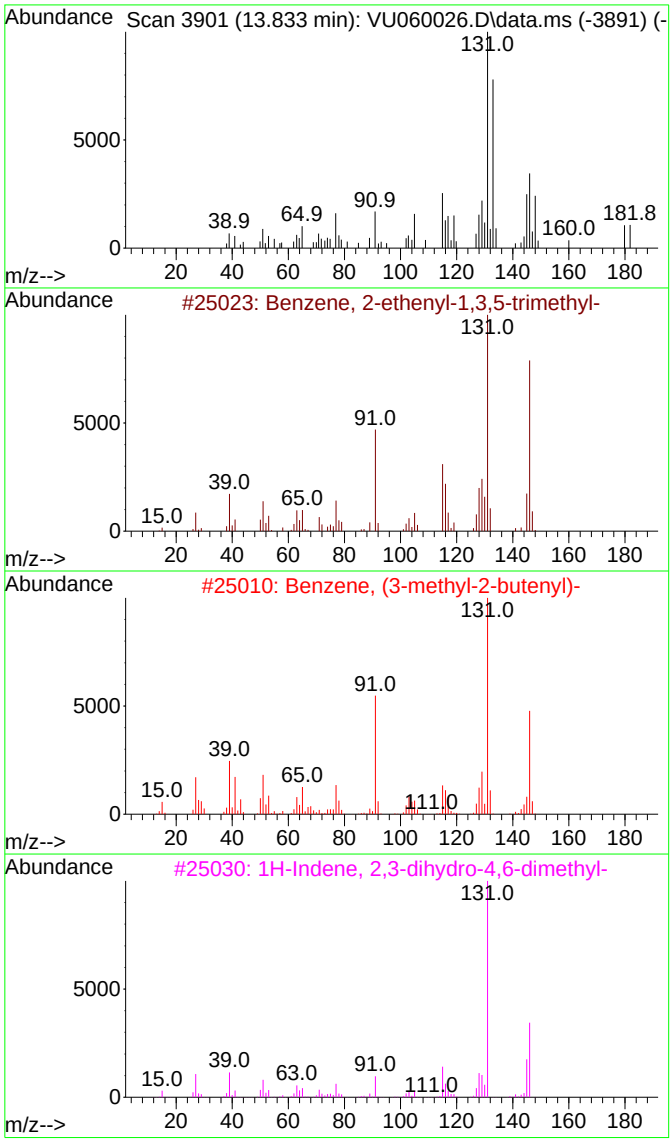
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

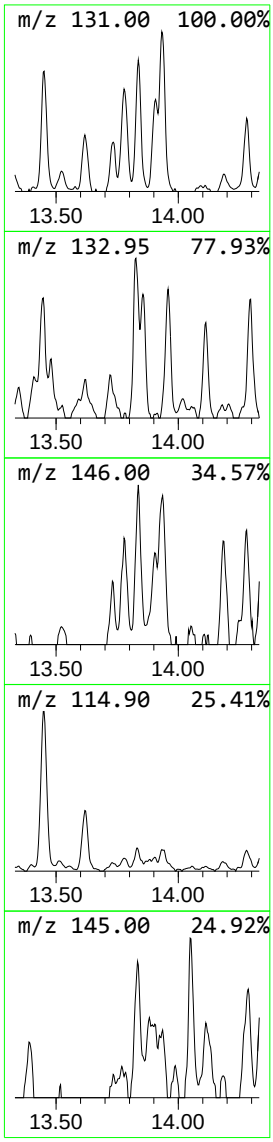
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	0.51 ug/L	68276	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	46
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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

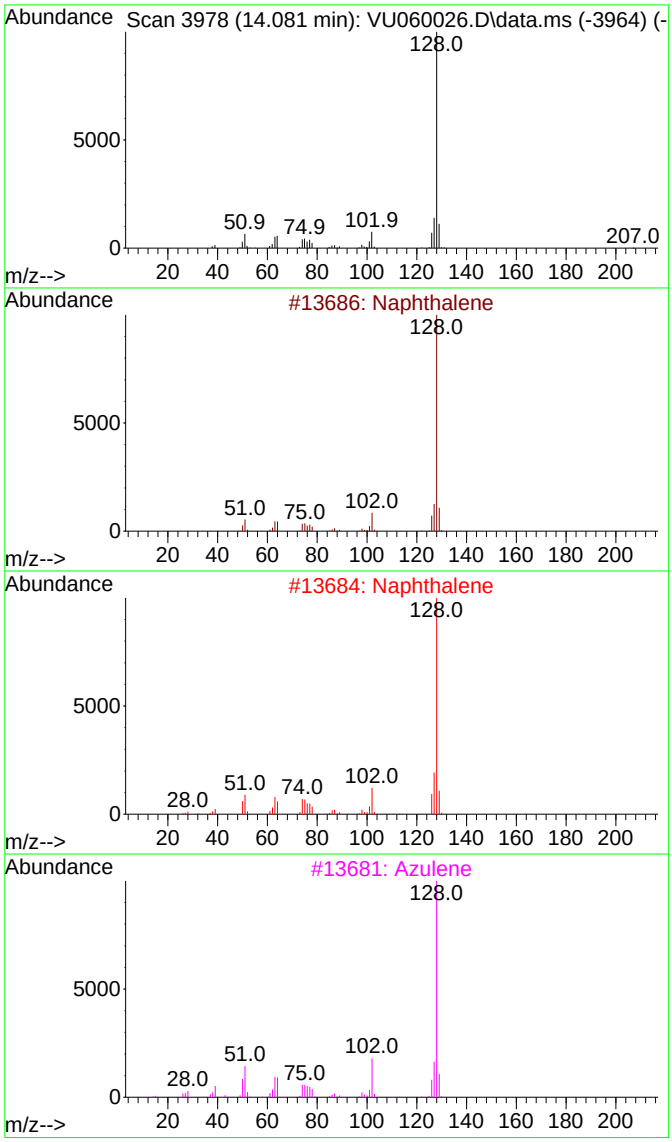
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

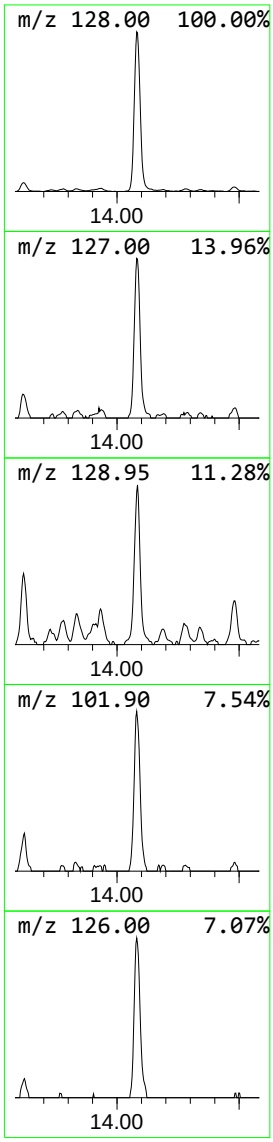
****

Peak Number 19 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	1.62 ug/L	216065	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

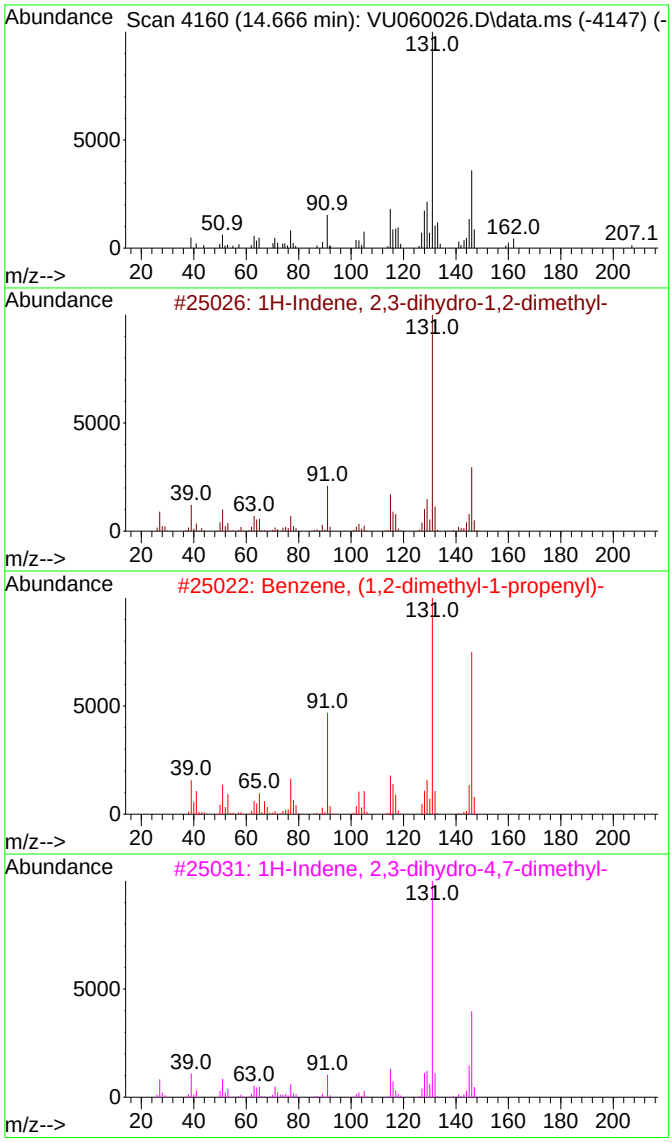
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

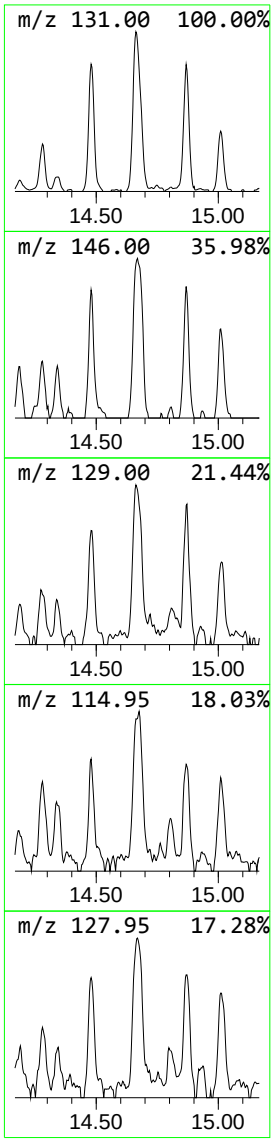
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	0.96 ug/L	127859	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
Acq On : 18 Jul 2024 18:47
Operator : MD/SY
Sample : P3217-19 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD6

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, propyl-	10.901	0.6	ug/L	85393	3	11.807	668704	5.0
Benzene, 1-ethy...	10.994	2.2	ug/L	299658	3	11.807	668704	5.0
Benzene, 1-ethy...	11.287	1.7	ug/L	228552	3	11.807	668704	5.0
7-Oxabicyclo[2....	11.631	1.6	ug/L	220919	3	11.807	668704	5.0
Benzene, 1,2,3-...	11.891	4.5	ug/L	597782	3	11.807	668704	5.0
Benzene, 1-ethe...	12.090	1.3	ug/L	178739	3	11.807	668704	5.0
Benzene, 2-ethy...	12.460	0.6	ug/L	73556	3	11.807	668704	5.0
Benzene, 1-ethy...	12.489	0.6	ug/L	81948	3	11.807	668704	5.0
Benzene, 1-ethy...	12.566	0.7	ug/L	98510	3	11.807	668704	5.0
1-Phenyl-1-butene	12.676	1.1	ug/L	151445	3	11.807	668704	5.0
Fenchone	12.942	1.0	ug/L	135596	3	11.807	668704	5.0
Benzene, 1,2,3,...	13.020	0.9	ug/L	117964	3	11.807	668704	5.0
Benzene, 2-ethe...	13.447	2.1	ug/L	278304	3	11.807	668704	5.0
Cyclohexanemeth...	13.508	1.0	ug/L	135338	3	11.807	668704	5.0
Naphthalene, 1,...	13.618	1.1	ug/L	141526	3	11.807	668704	5.0
Bicyclo[2.2.1]h...	13.730	0.7	ug/L	87387	3	11.807	668704	5.0
unknown-01	13.833	0.5	ug/L	68276	3	11.807	668704	5.0
Azulene	14.081	1.6	ug/L	216065	3	11.807	668704	5.0
1H-Indene, 2,3-...	14.666	1.0	ug/L	127859	3	11.807	668704	5.0