LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

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\SFAMUTR091624WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.930	184	199	210	rBV2	98817	187233	1.02%	0.141%
2	4.521	987	1005	1028	rBV2	539468	1308548	7.14%	0.985%
3	5.380	1250	1272	1285	rBV	945967	2191891	11.96%	1.649%
4	5.451	1285	1294	1319	rVV2	220362	519582	2.83%	0.391%
5	5.582	1321	1335	1341	rVV2	139747	292114	1.59%	0.220%
6	5.627	1342	1349	1362	rVV2	193341	423274	2.31%	0.319%
7	5.717	1362	1377	1385	rVV2	166959	415888	2.27%	0.313%
8	5.766	1386	1392	1403	rVV	120155	244992	1.34%	0.184%
9	5.840	1403	1415	1426	rVV	399184	851804	4.65%	0.641%
10	5.914	1427	1438	1448	rVV2	366937	782359	4.27%	0.589%
11	5.978	1448	1458	1486	rVB	462405	1000244	5.46%	0.753%
12	6.242	1528	1540	1577	rVB	194340	408734	2.23%	0.308%
13	6.753	1683	1699	1723	rVB3	1444968	3327862	18.15%	2.504%
14	6.971	1755	1767	1782	rBV	160239	292696	1.60%	0.220%
15	7.566	1934	1952	1979	rBV3	65112	185529	1.01%	0.140%
16	7.849	2025	2040	2045	rBV2	125424	227704	1.24%	0.171%
17	7.891	2045	2053	2069	rVB	238219	447189	2.44%	0.336%
18	8.235	2150	2160	2182	rVB	157409	289623	1.58%	0.218%
19	8.631	2268	2283	2322	rBV	193751	469037	2.56%	0.353%
20	8.856	2345	2353	2364	rVB	122297	192749	1.05%	0.145%
21	9.409	2514	2525	2543	rBV	267731	476381	2.60%	0.358%
22	9.563	2561	2573	2597	rVV	3772696	6018919	32.84%	4.529%
23	9.688	2599	2612	2640	rVB	1218344	1989835	10.86%	1.497%
24	10.476	2838	2857	2885	rBV	7417036	11371321	62.04%	8.557%
25	10.897	2970	2988	3013	rBV	12040199	18330449	100.00%	13.793%
26	11.016	3015	3025	3037	rVB	177484	275397	1.50%	0.207%
27	11.283	3097	3108	3125	rVB	123860	204789	1.12%	0.154%
28	11.460	3151	3163	3181	rVB	7495171	11254129	61.40%	8.468%
29	11.601	3198	3207	3212	rVV	217803	347894	1.90%	0.262%
30	11.634	3212	3217	3234	rVB	302432	463556	2.53%	0.349%
31	11.804	3257	3270	3283	rBV	324803	533373	2.91%	0.401%
32	11.888	3283	3296	3311	rBV	3158316	4871232	26.57%	3.665%
33	12.087	3343	3358	3374	rBV2	6432275	9910515	54.07%	7.457%
34	12.177	3374	3386	3411	rVB4	834454	1993490	10.88%	1.500%
35	12.293	3411	3422	3434	rBV	306571	470435	2.57%	0.354%
36	12.367	3434	3445	3460	rVB	385694	595908	3.25%	0.448%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

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\SFAMUTR091624WMA.M
Title : TRACE VOA SFAM1.0

37	12.457	3460	3473	3478	rBV	942783	1451074	7.92%	1.092%
38	12.486	3479	3482	3493	rVB	660848	837097	4.57%	0.630%
39	12.563	3493	3506	3515	rBV	6000911	8911843	48.62%	6.706%
40	12.605	3515	3519	3530	rVV	422357	569771	3.11%	0.429%
41	12.675	3530	3541	3559	rVB3	1384913	2979141	16.25%	2.242%
42	12.868	3589	3601	3612	rVB	568311	926417	5.05%	0.697%
43	12.965	3612	3631	3639	rBV	4416576	6691926	36.51%	5.035%
44	13.016	3639	3647	3662	rVB	2623228	3966992	21.64%	2.985%
45	13.097	3662	3672	3686	rVB	154547	248890	1.36%	0.187%
46	13.190	3690	3701	3714	rBV2	96319	217970	1.19%	0.164%
47	13.283	3714	3730	3744	rVB	1904781	2917383	15.92%	2.195%
48	13.444	3756	3780	3797	rBV3	7084863	12574098	68.60%	9.462%
49	13.550	3806	3813	3825	rVB	218289	311497	1.70%	0.234%
50	13.617	3825	3834	3853	rVB3	275962	462638	2.52%	0.348%
51	13.823	3889	3898	3916	rVB3	470130	886374	4.84%	0.667%
52	13.955	3926	3939	3953	rVB2	306253	607814	3.32%	0.457%
53	14.077	3963	3977	4001	rBV	2855108	4697866	25.63%	3.535%
54	14.286	4023	4042	4051	rBV4	123974	255053	1.39%	0.192%
55	14.801	4191	4202	4213	rBV	138435	215386	1.18%	0.162%

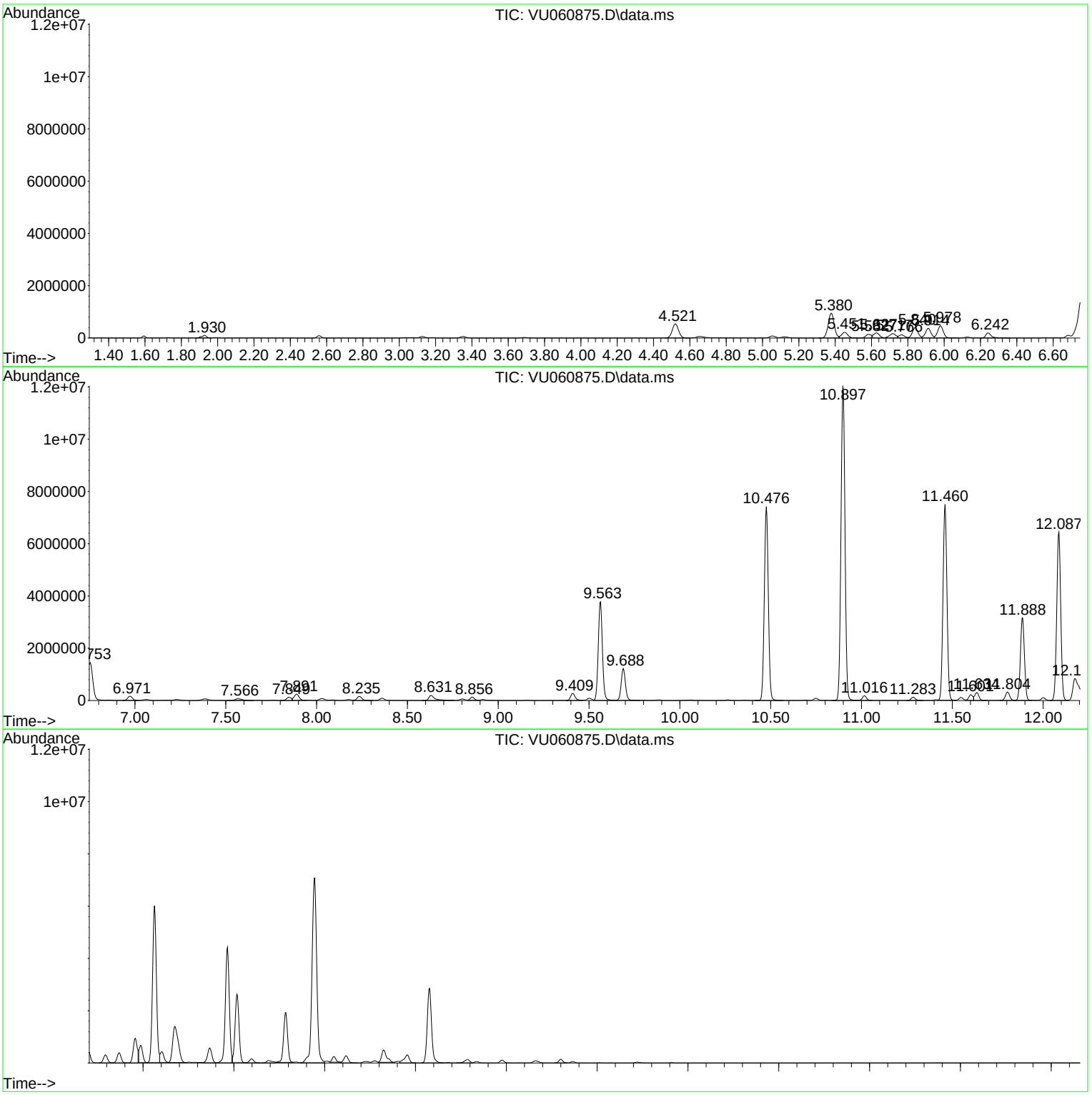
Sum of corrected areas: 132895905

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.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\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

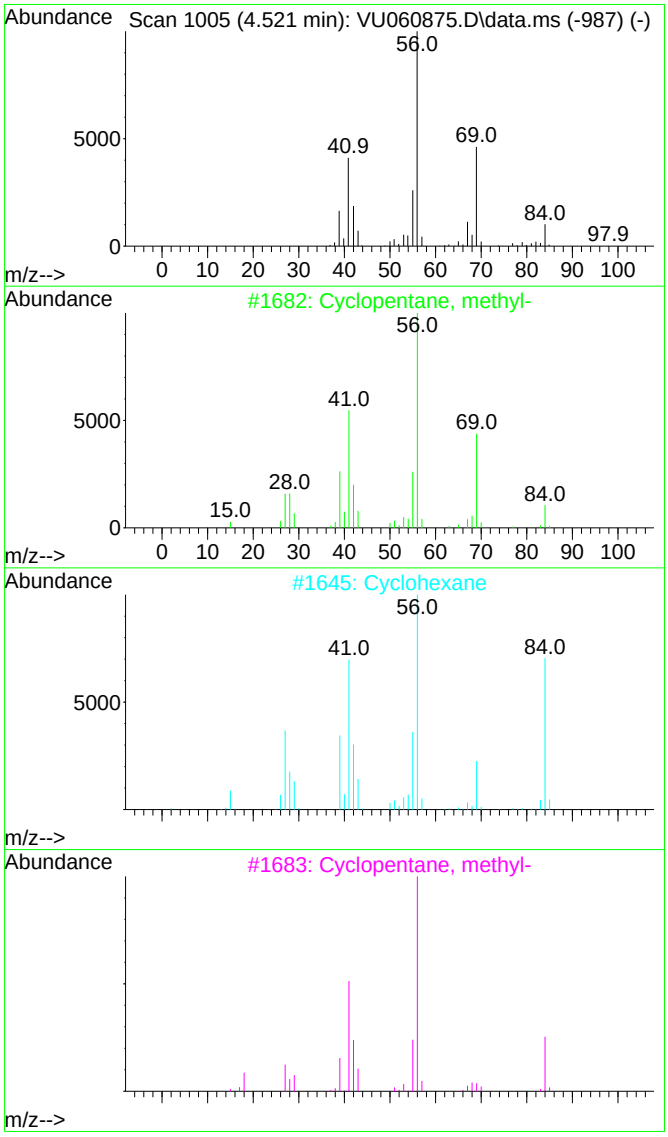
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

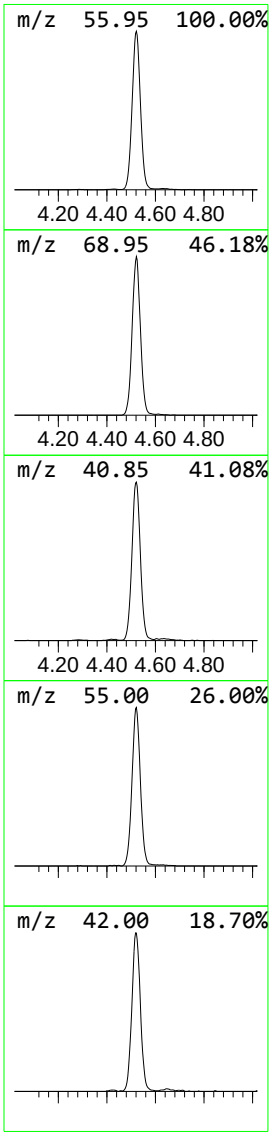
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic4.521 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.521	16.01 ug/L	1308550	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

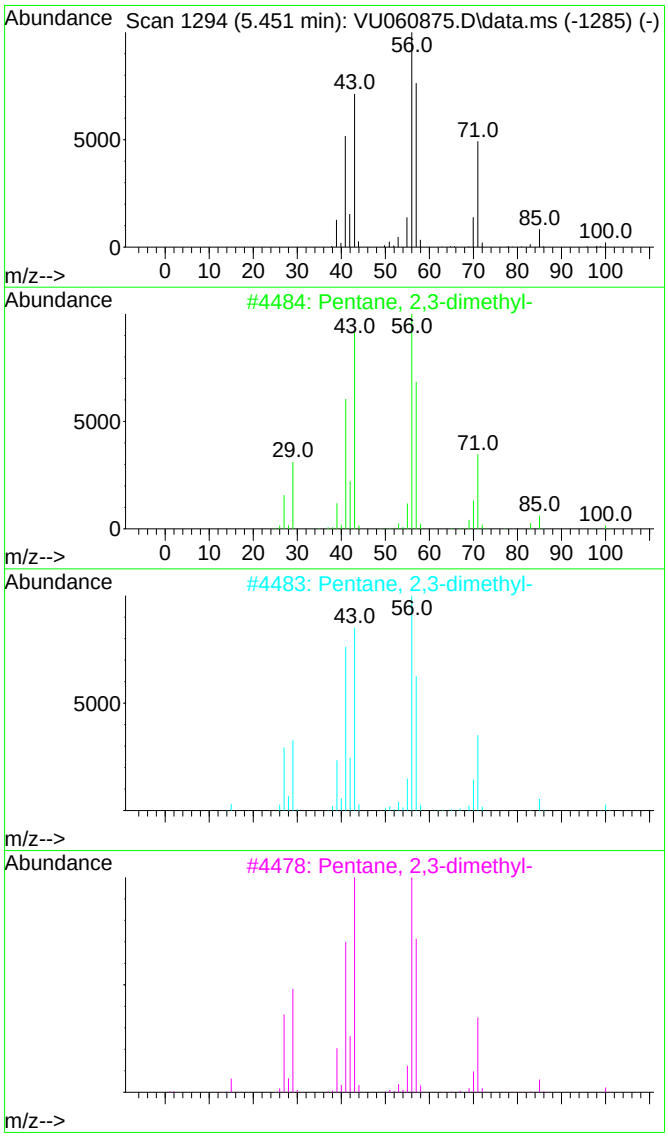
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

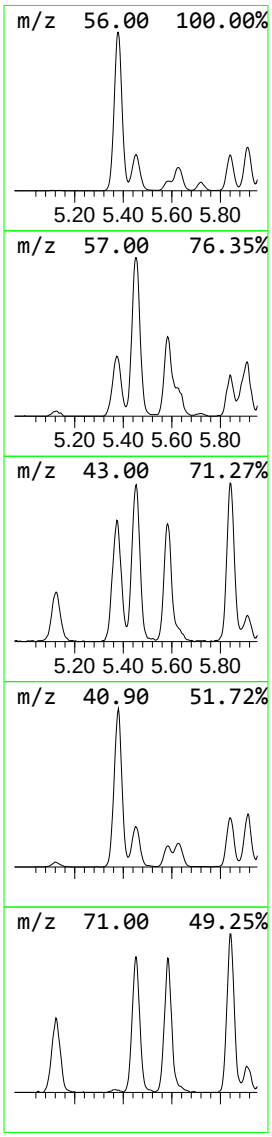
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.451	6.36 ug/L	519582	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

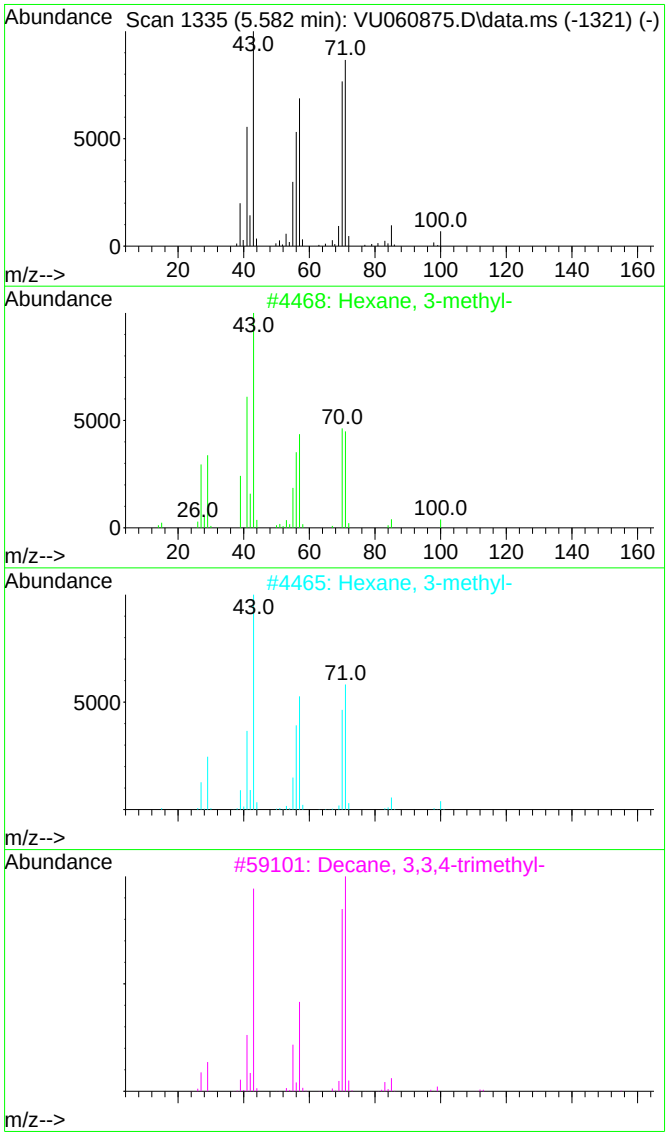
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

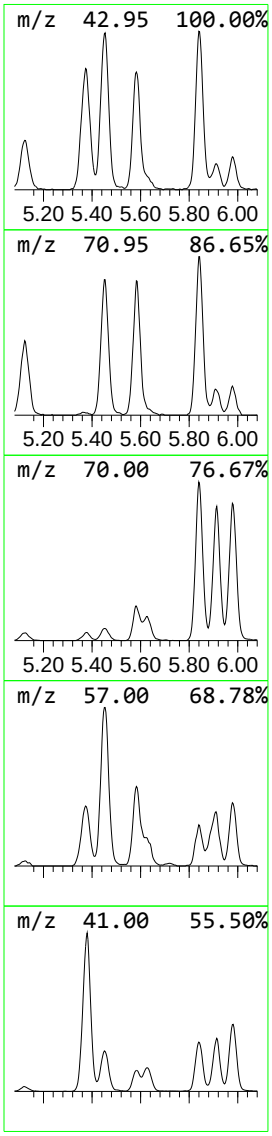
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.582	3.57 ug/L	292114	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

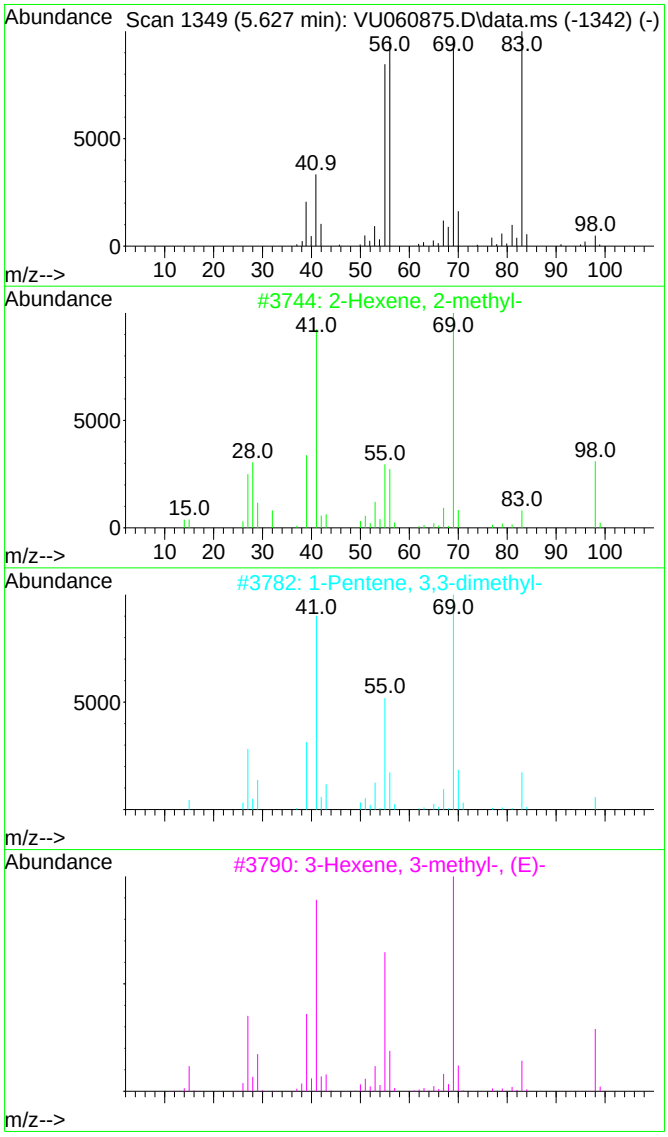
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

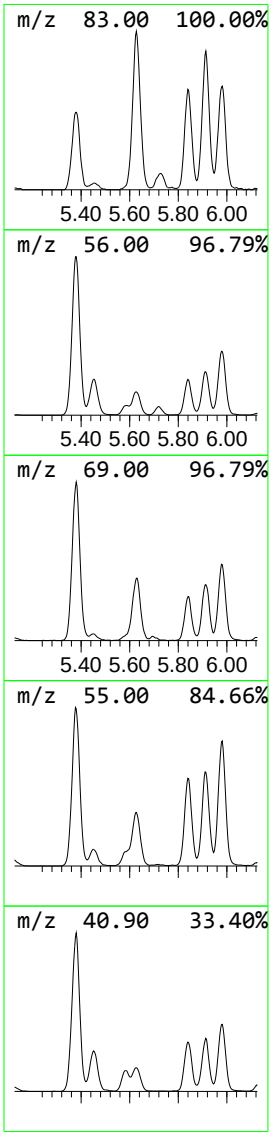
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.627	5.18 ug/L	423274	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	35
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	35
3	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	35
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	35
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

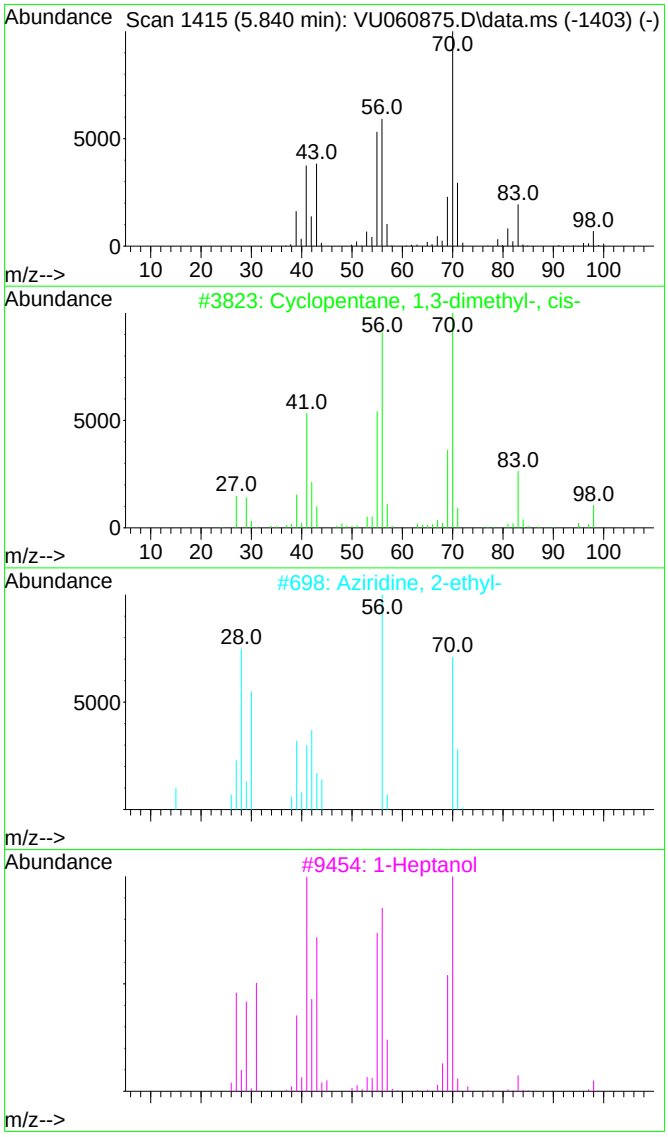
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

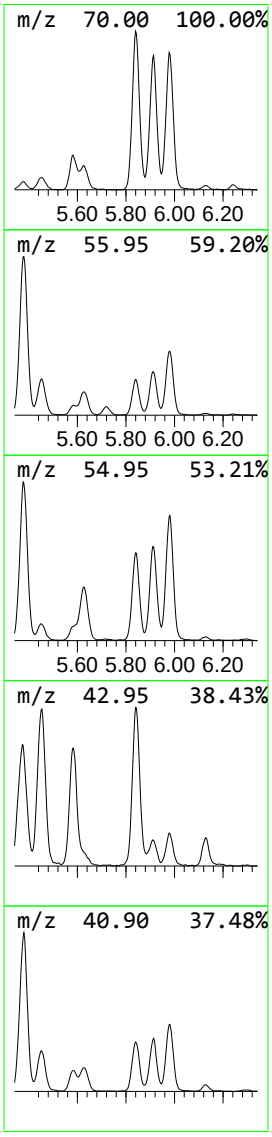
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.840 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	10.42 ug/L	851804	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
2	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	59
3	1-Heptanol	116	C7H16O	000111-70-6	59
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	49
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

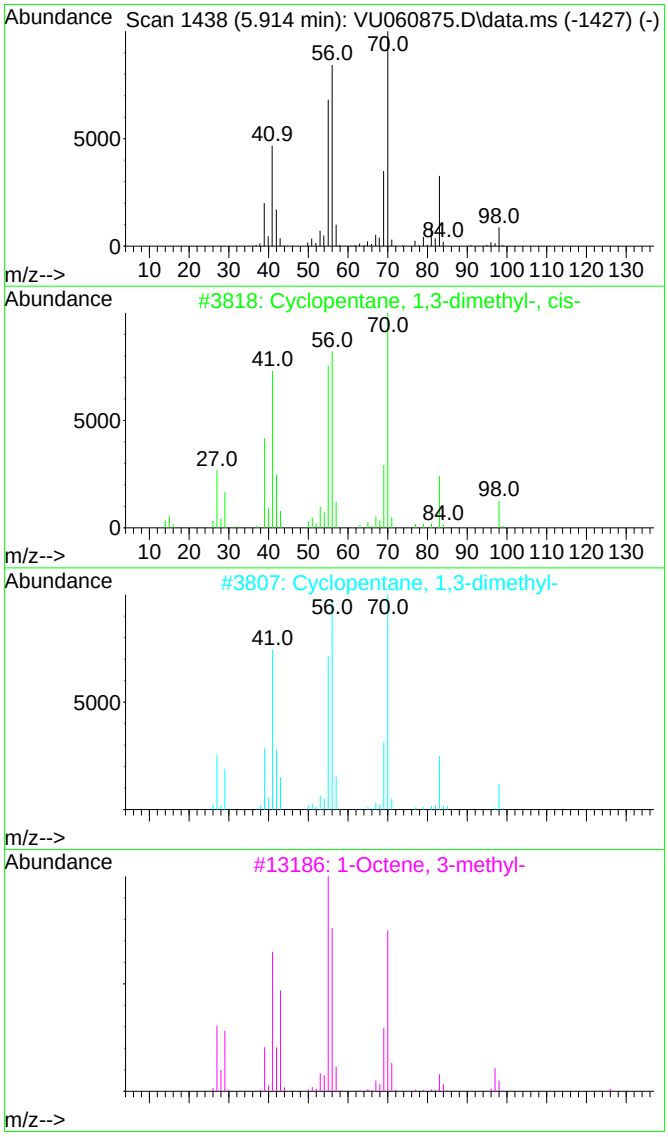
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

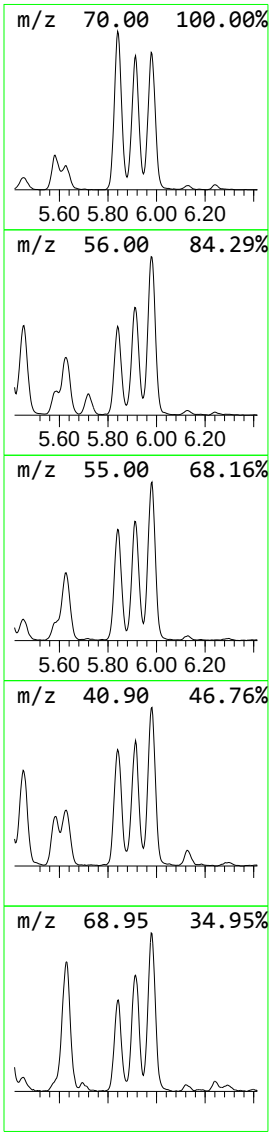
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.914 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.914	9.57 ug/L	782359	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58
3	1-Octene, 3-methyl-	126	C9H18	013151-08-1	50
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	46
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

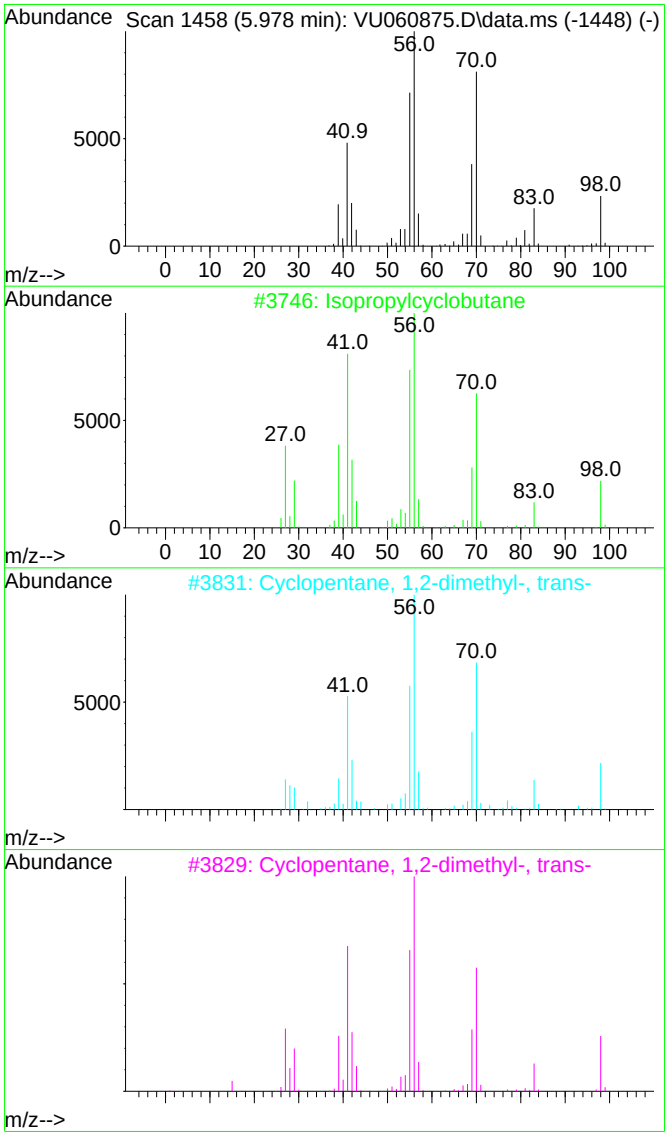
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

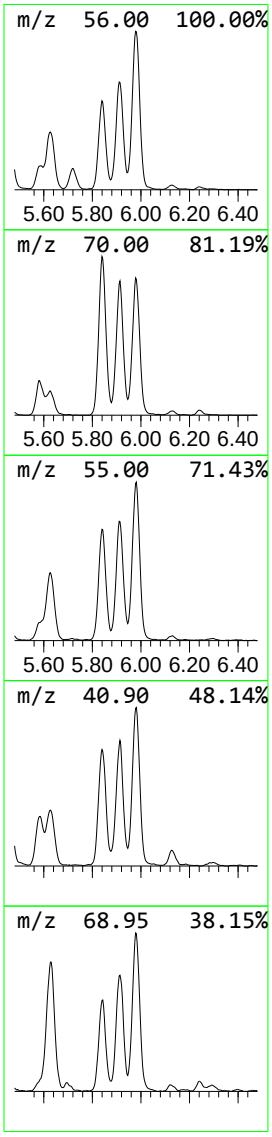
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.978 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.978	12.24 ug/L	1000240	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

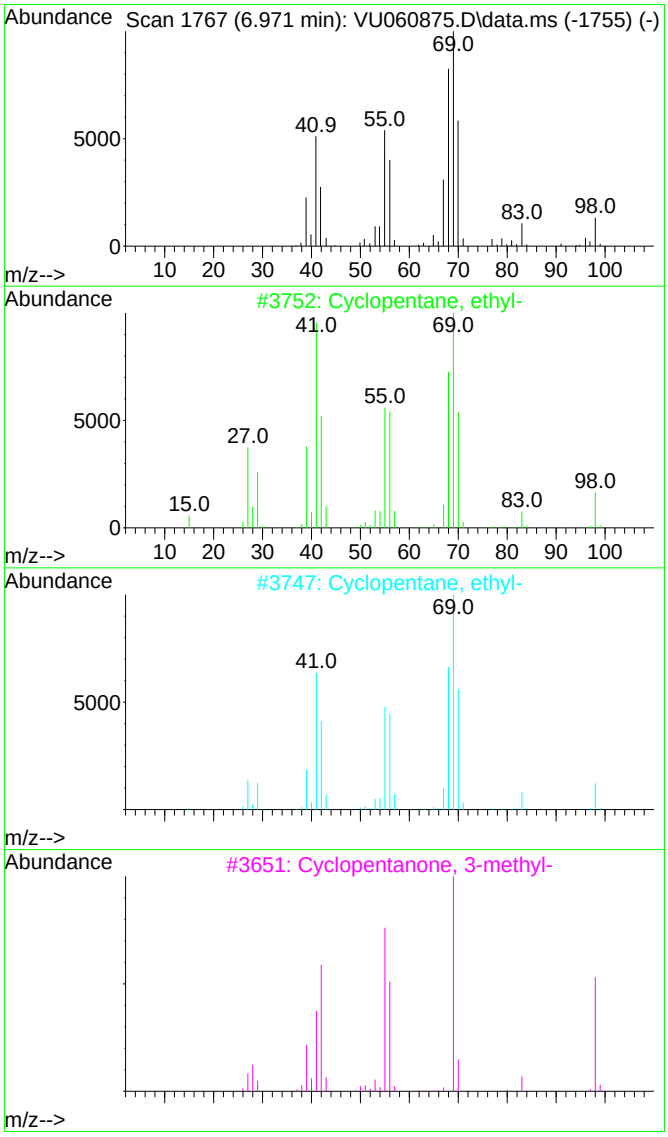
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

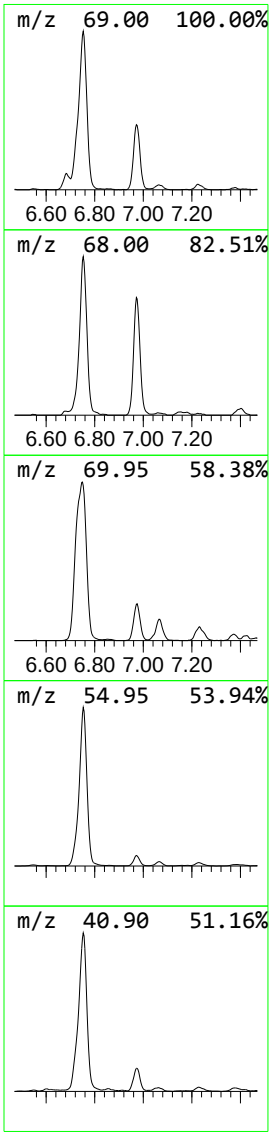
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic6.971 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.971	3.58 ug/L	292696	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	87
3	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	43
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	43





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

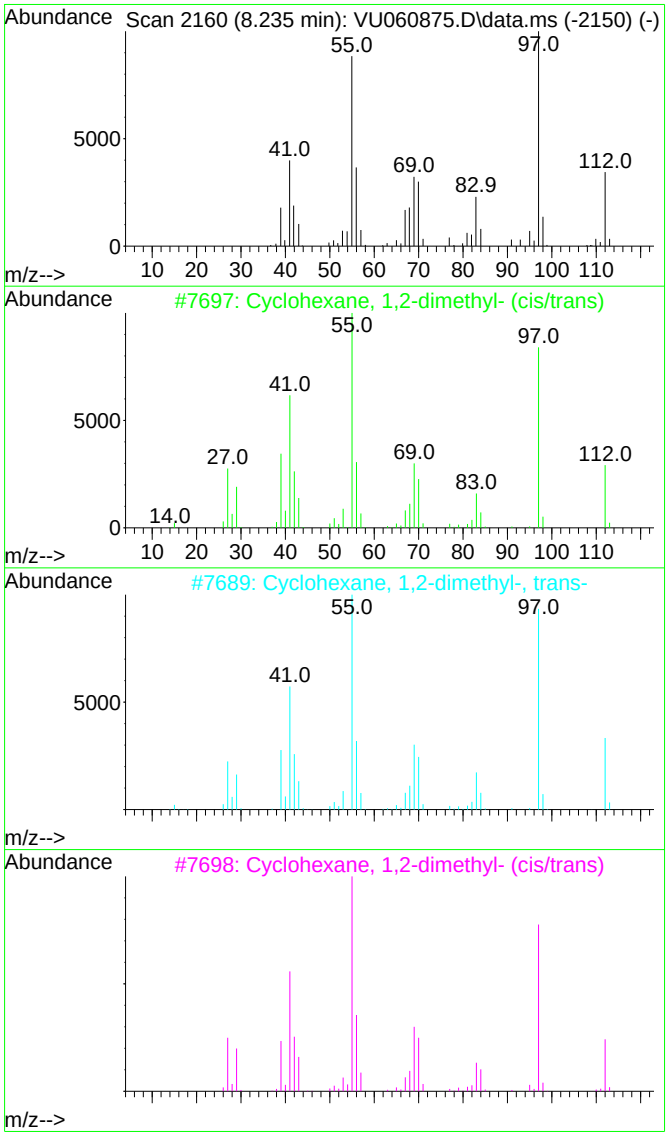
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

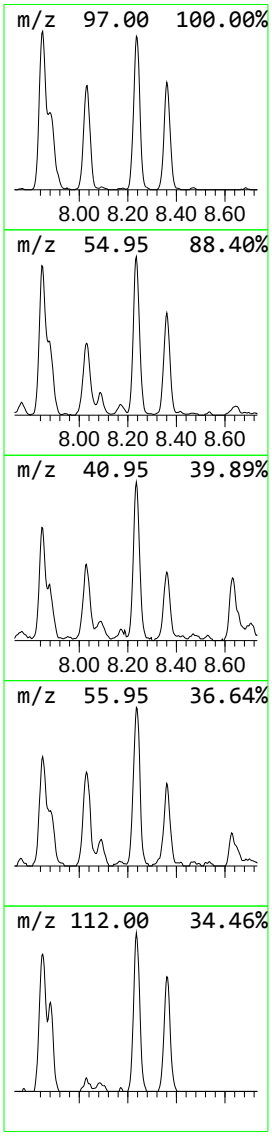
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic8.235 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	3.04 ug/L	289623	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

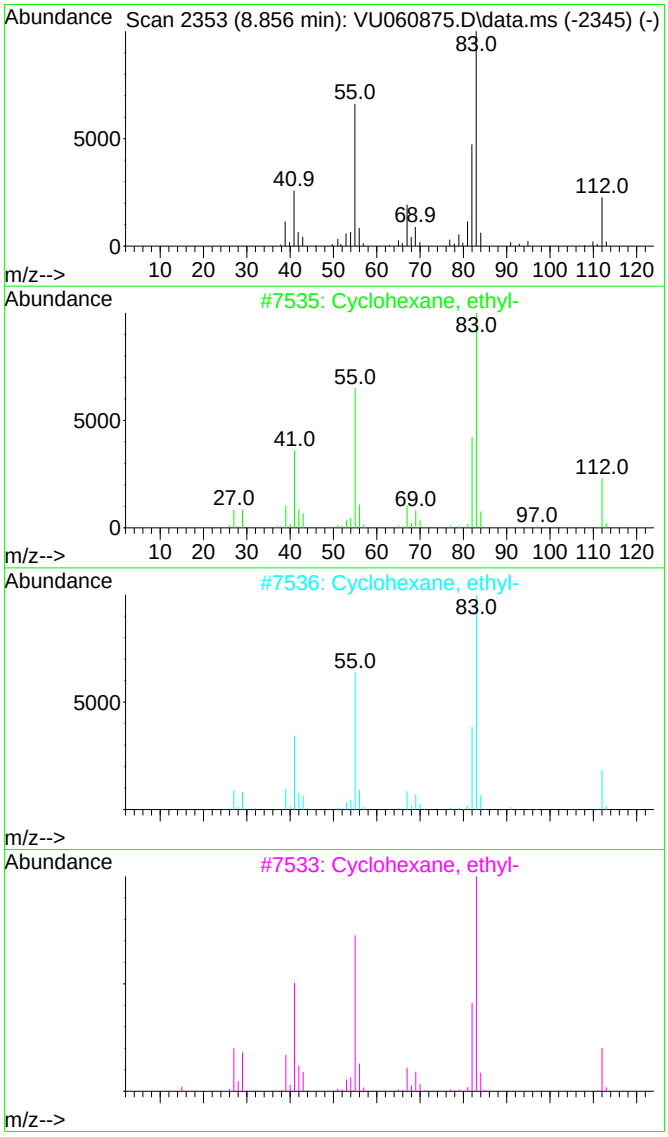
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

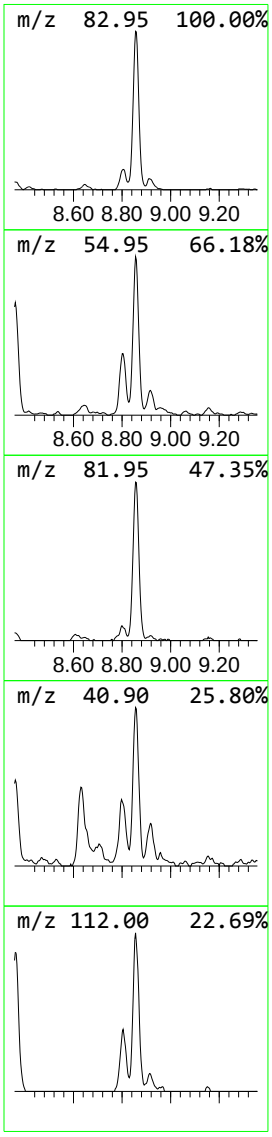
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.856 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.856	2.02 ug/L	192749	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





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Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

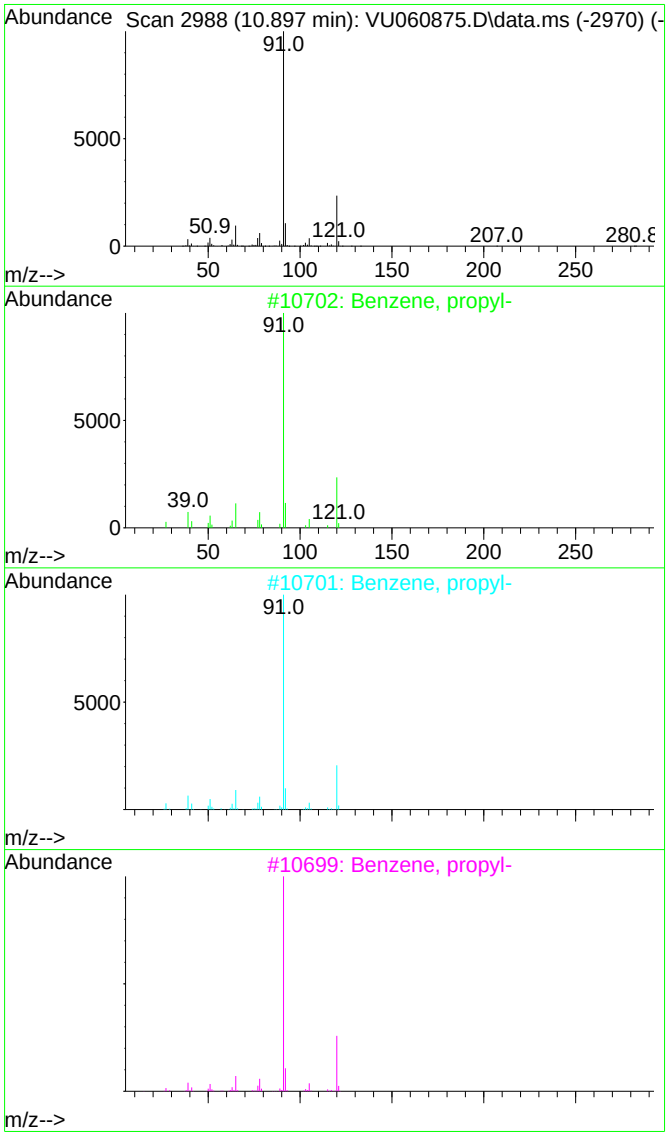
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

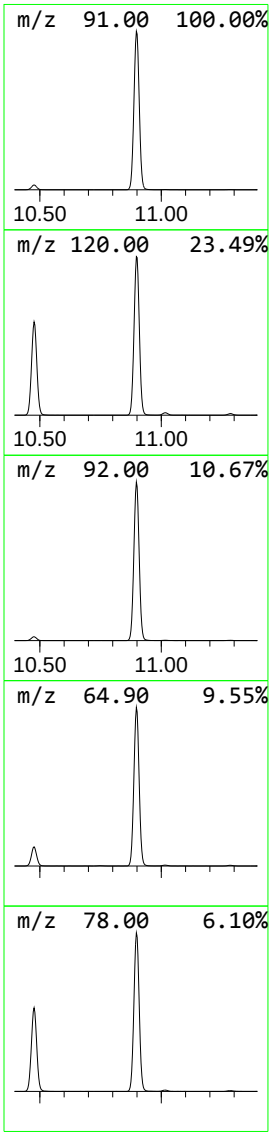
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	171.84 ug/L	18330400	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

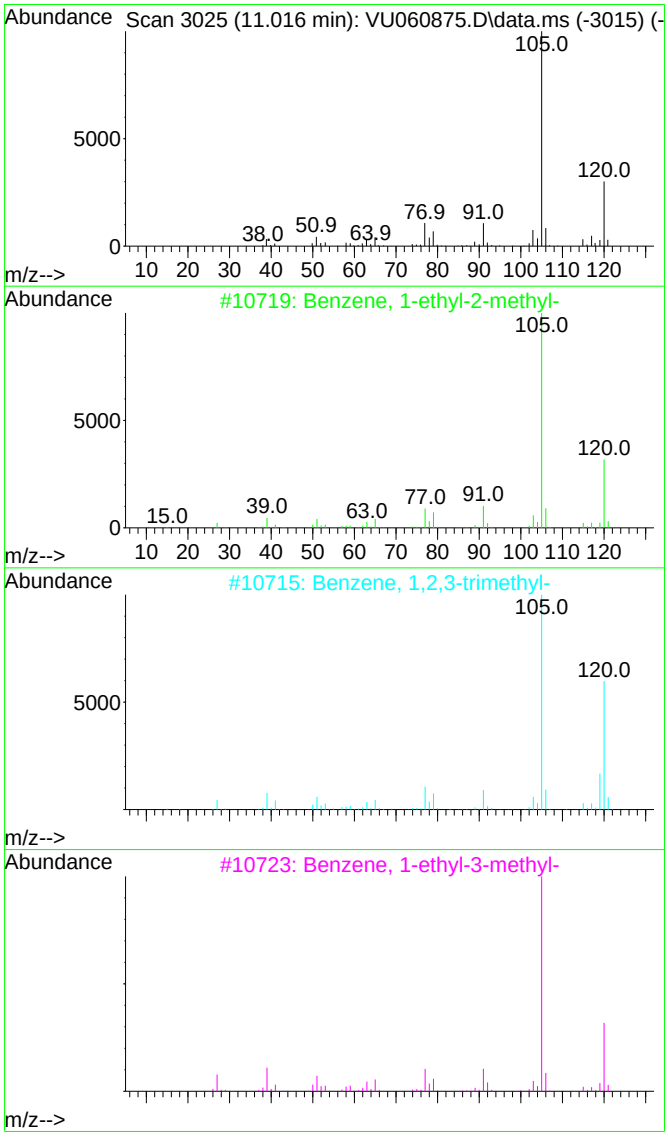
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

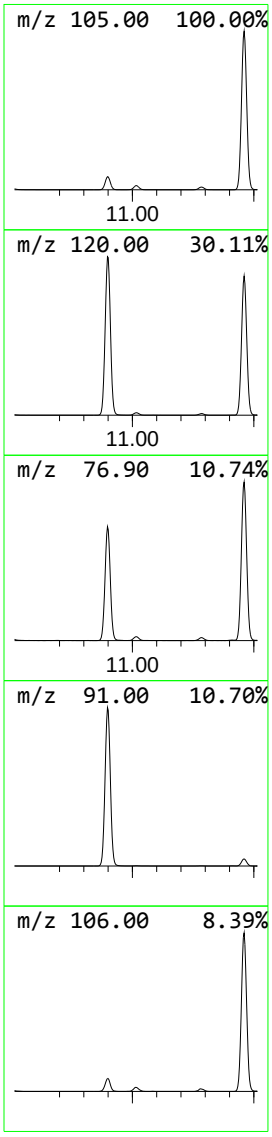
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	2.58 ug/L	275397	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

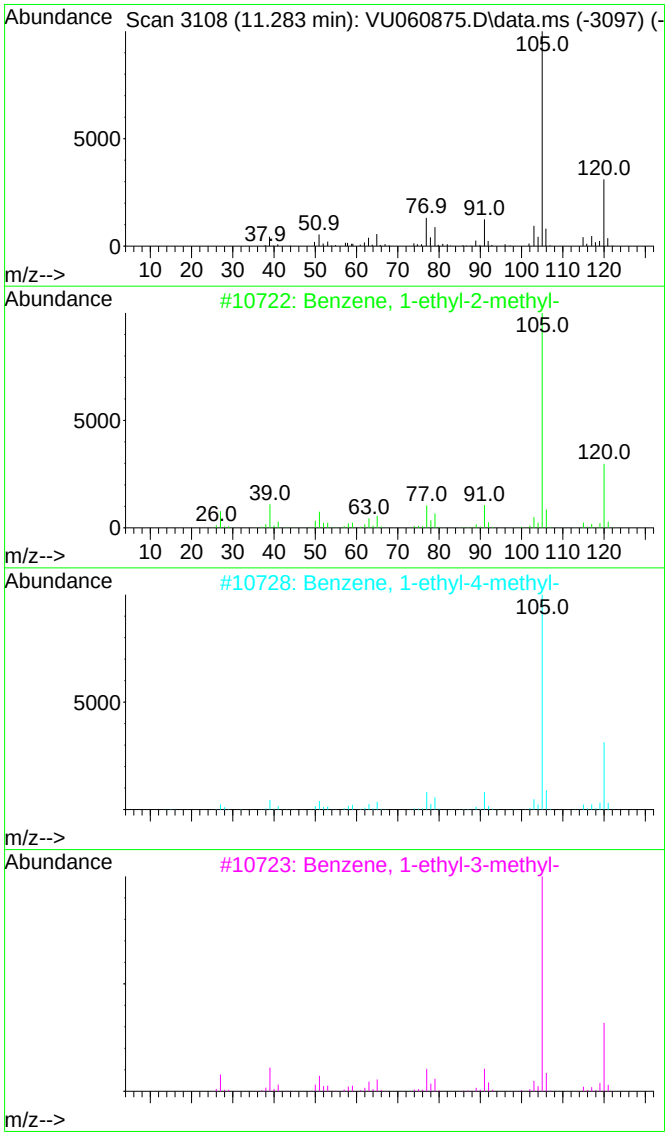
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

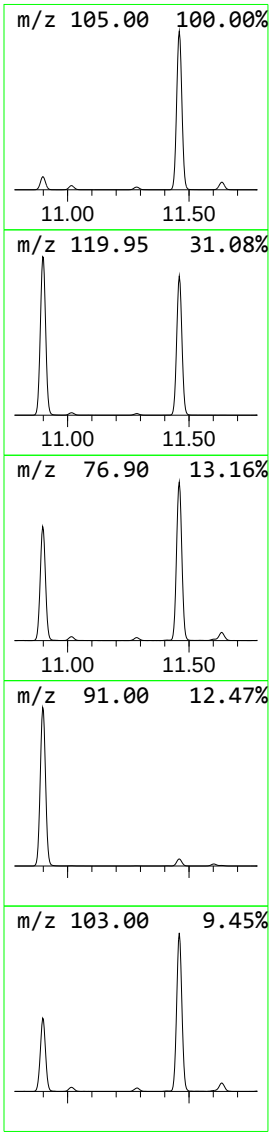
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	1.92 ug/L	204789	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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

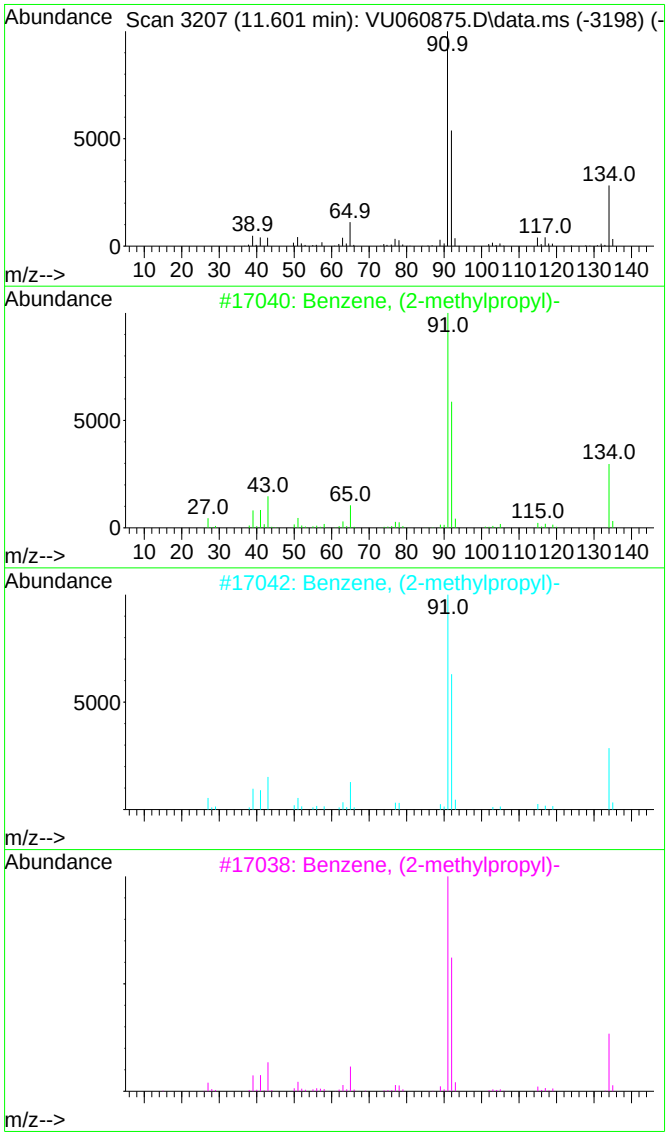
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

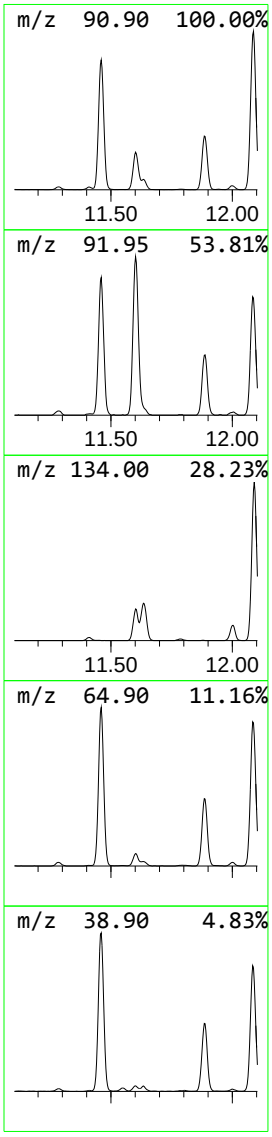
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	3.26 ug/L	347894	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
5	Benzene, n-butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

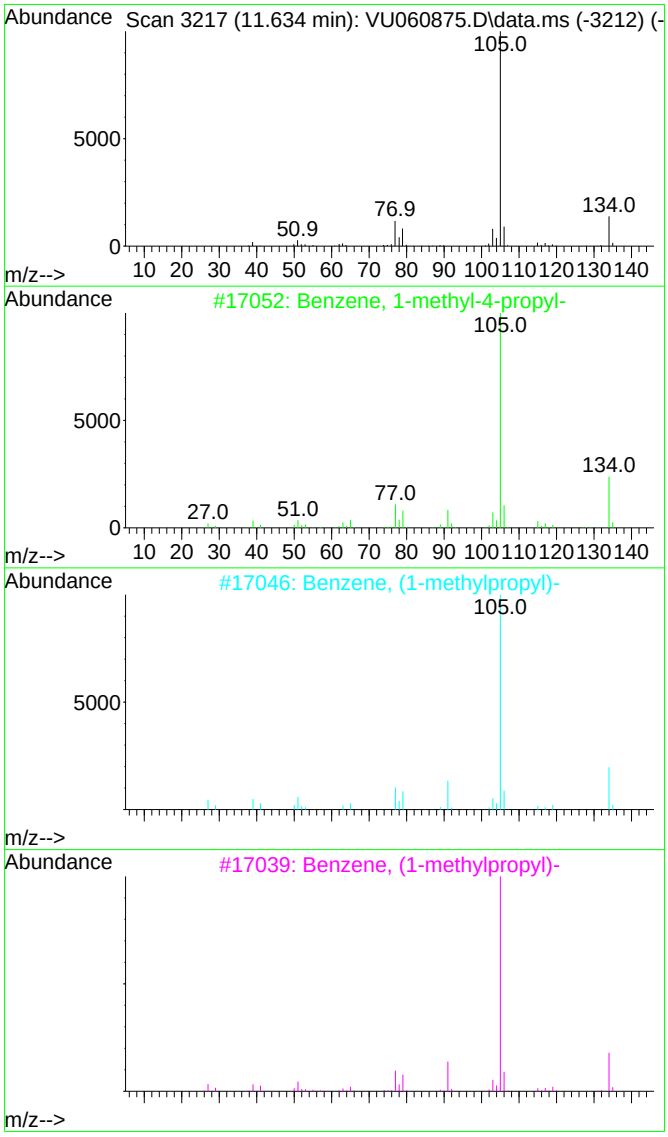
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

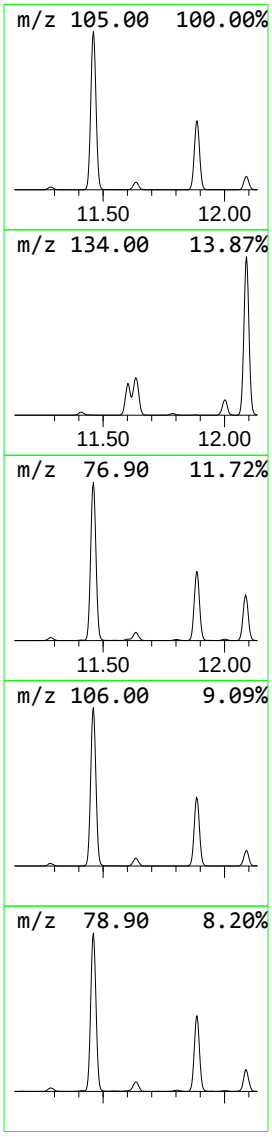
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	4.35 ug/L	463556	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

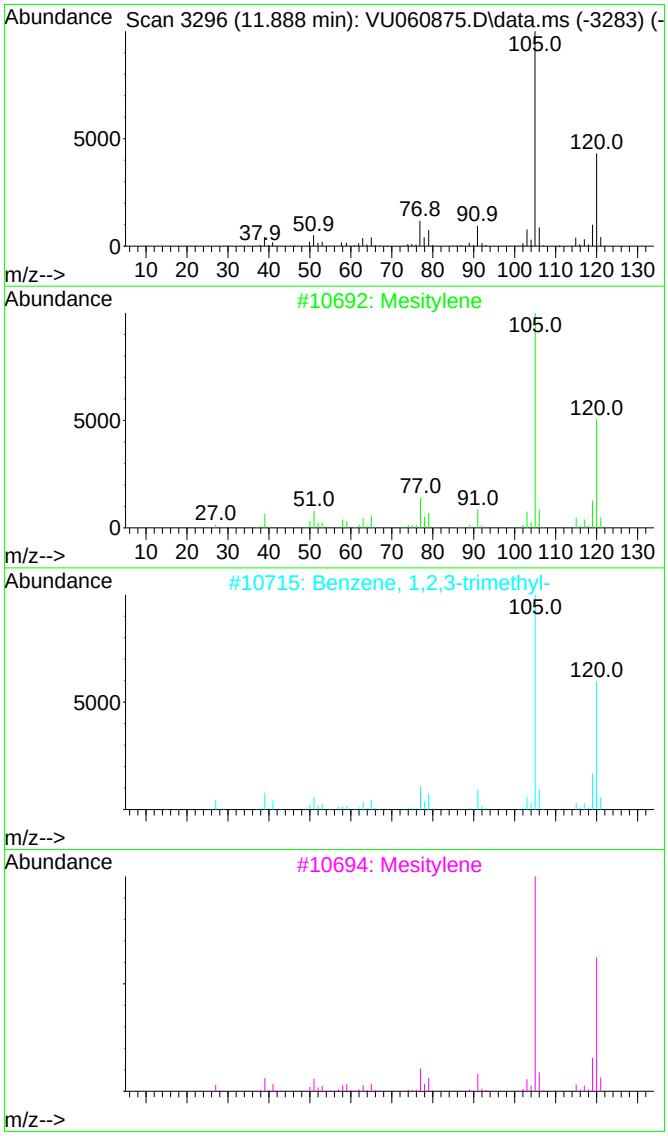
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

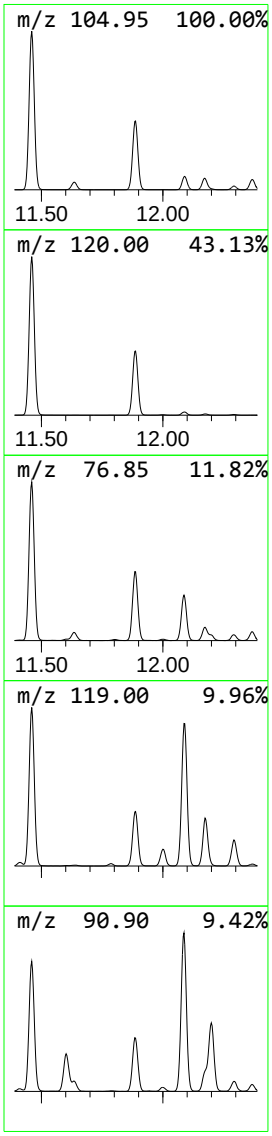
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	45.66 ug/L	4871230	1,4-Dichlorobenzene-d4	11.804

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	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

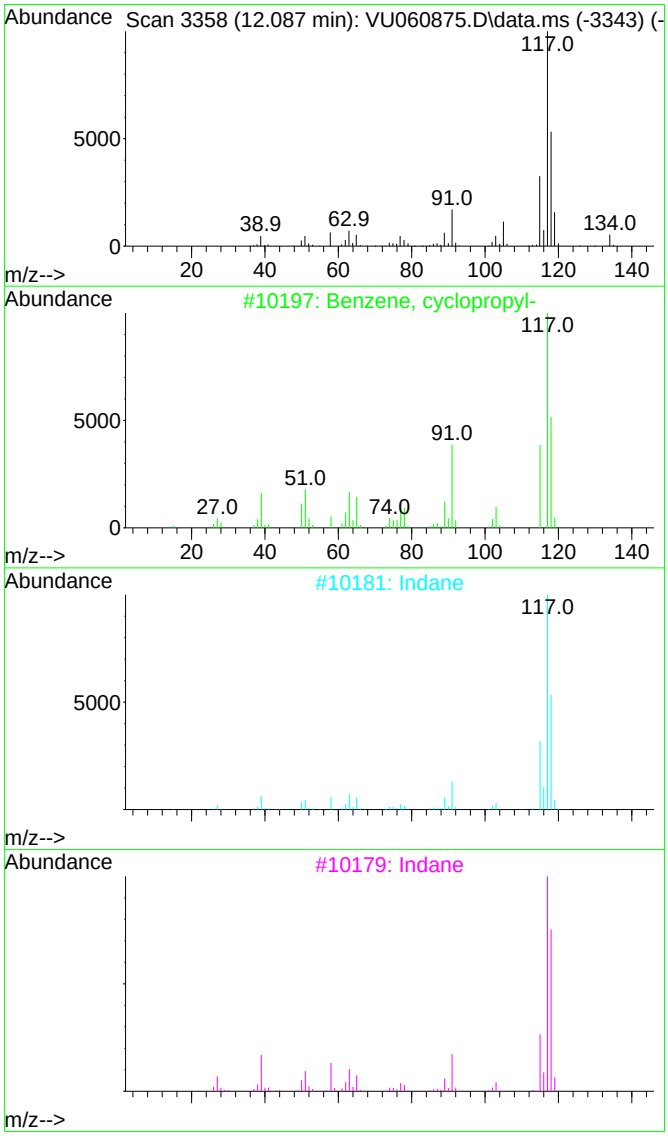
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

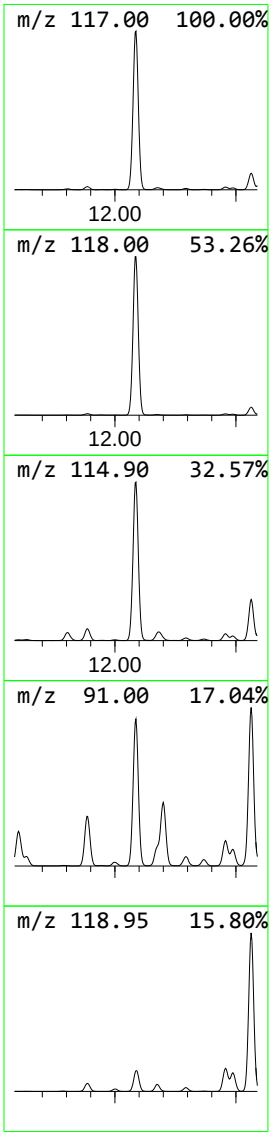
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	92.90 ug/L	9910520	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

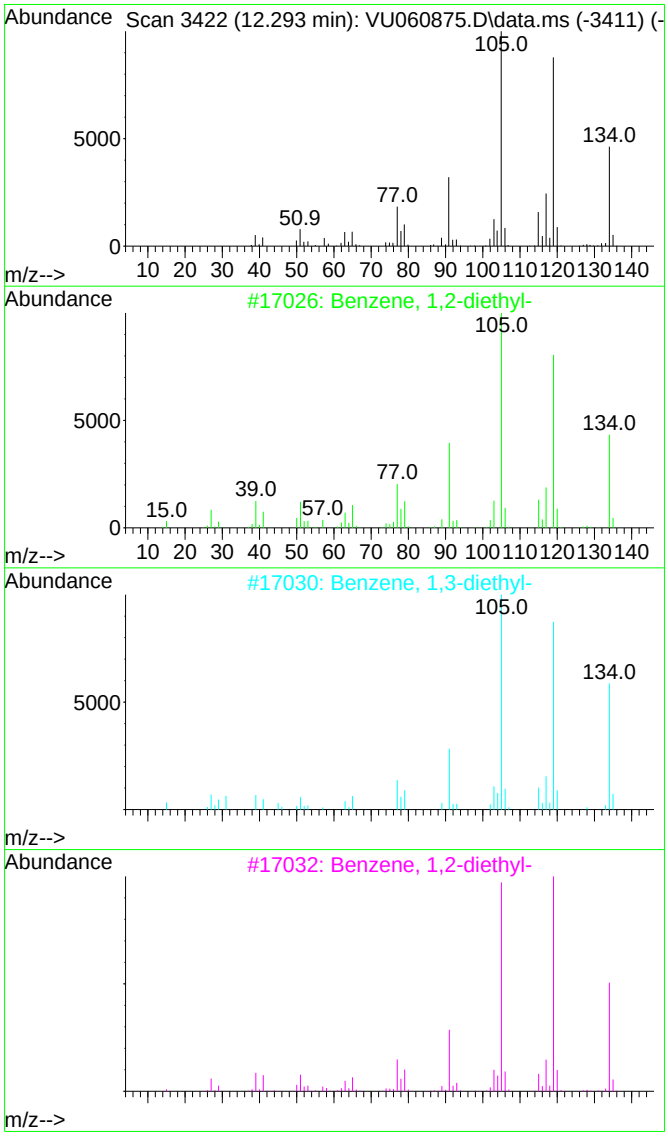
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

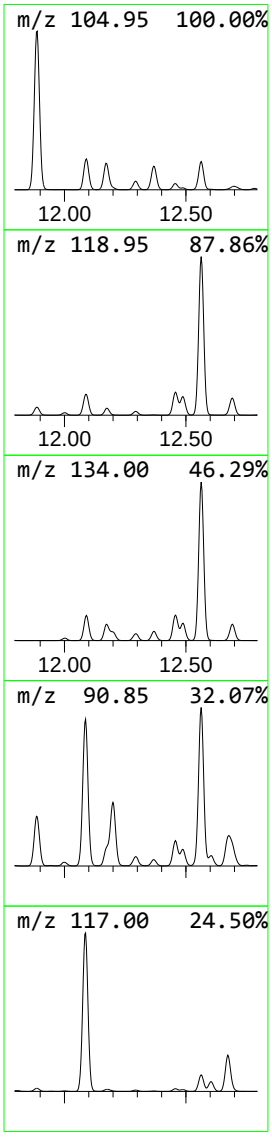
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.293	4.41 ug/L	470435	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	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

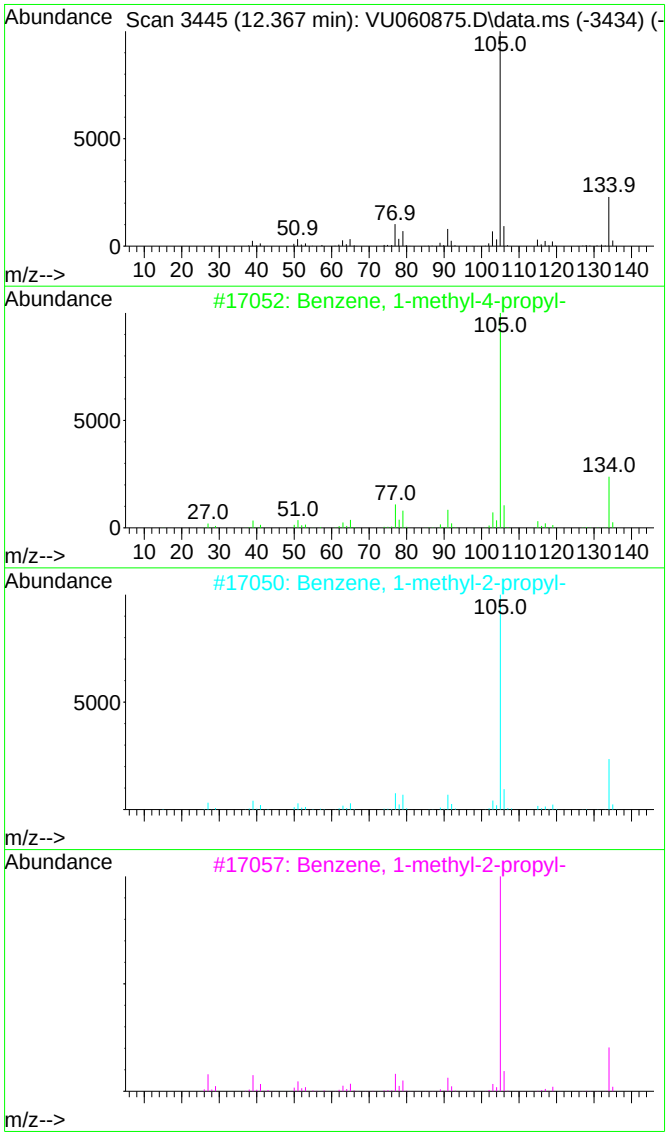
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

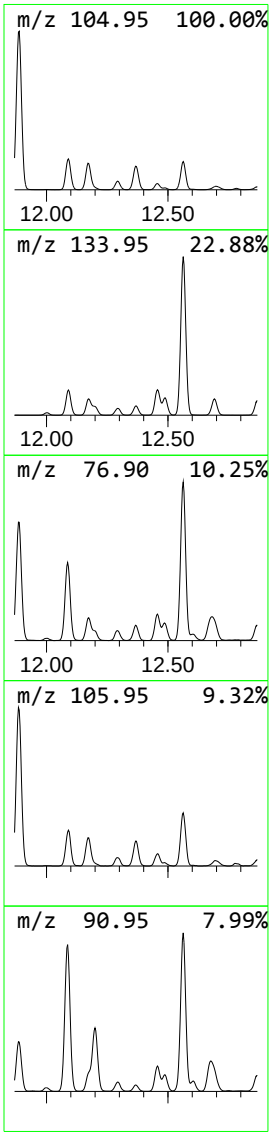
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	5.59 ug/L	595908	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

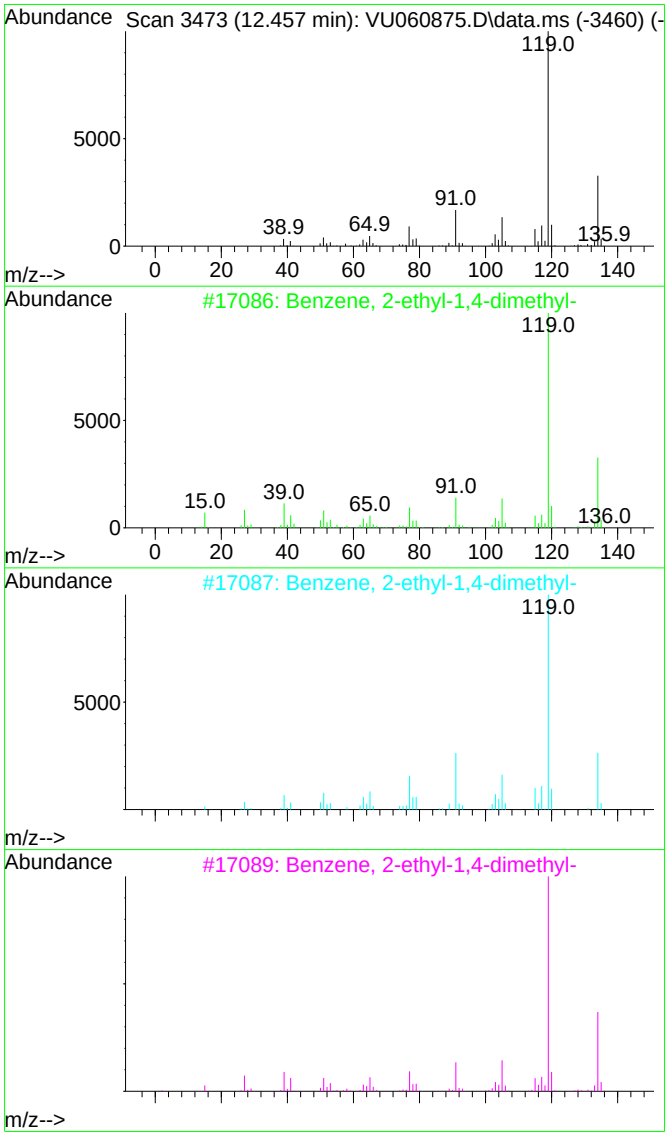
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

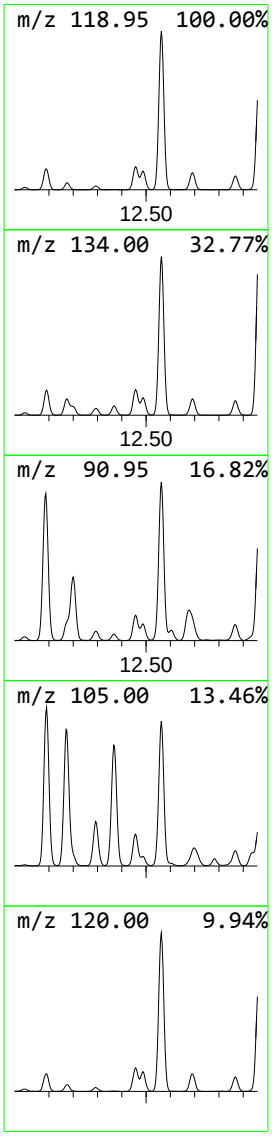
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	13.60 ug/L	1451070	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

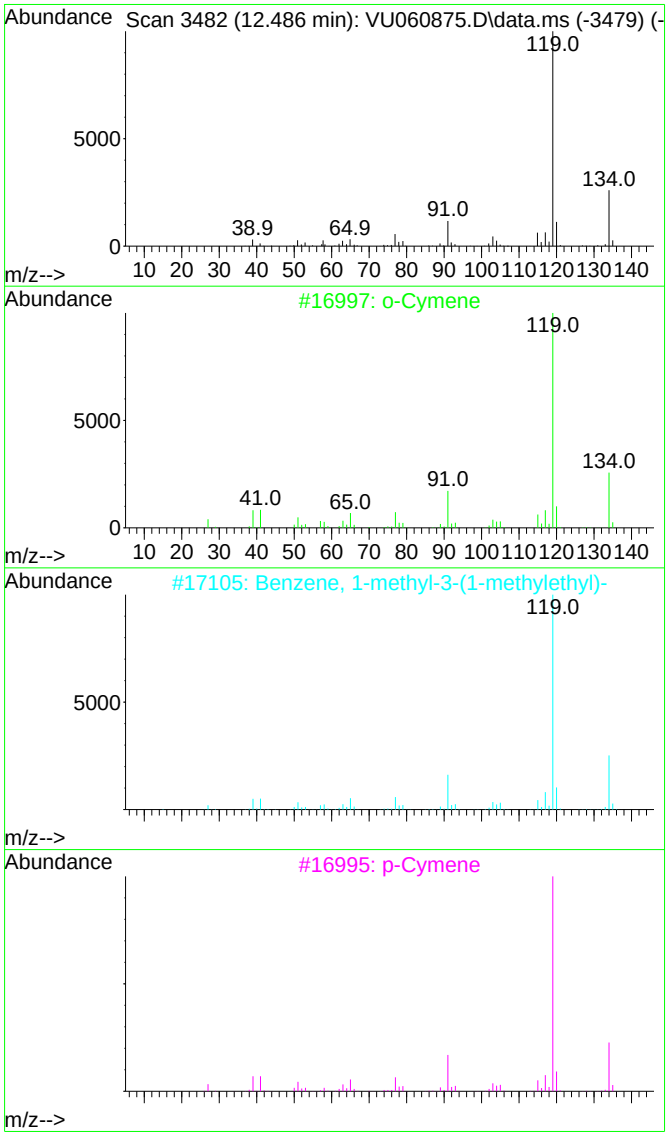
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

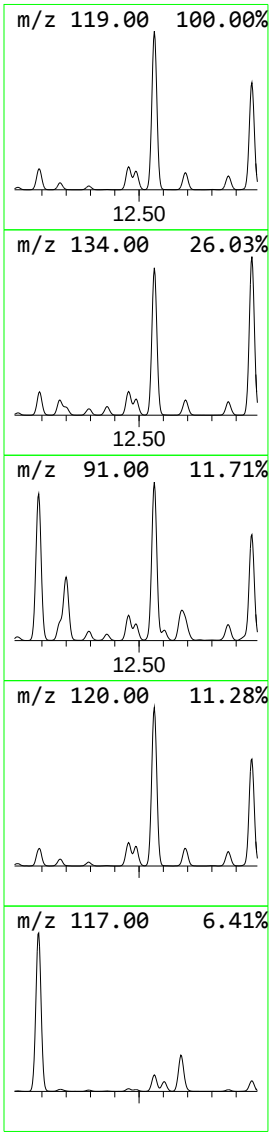
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	7.85 ug/L	837097	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

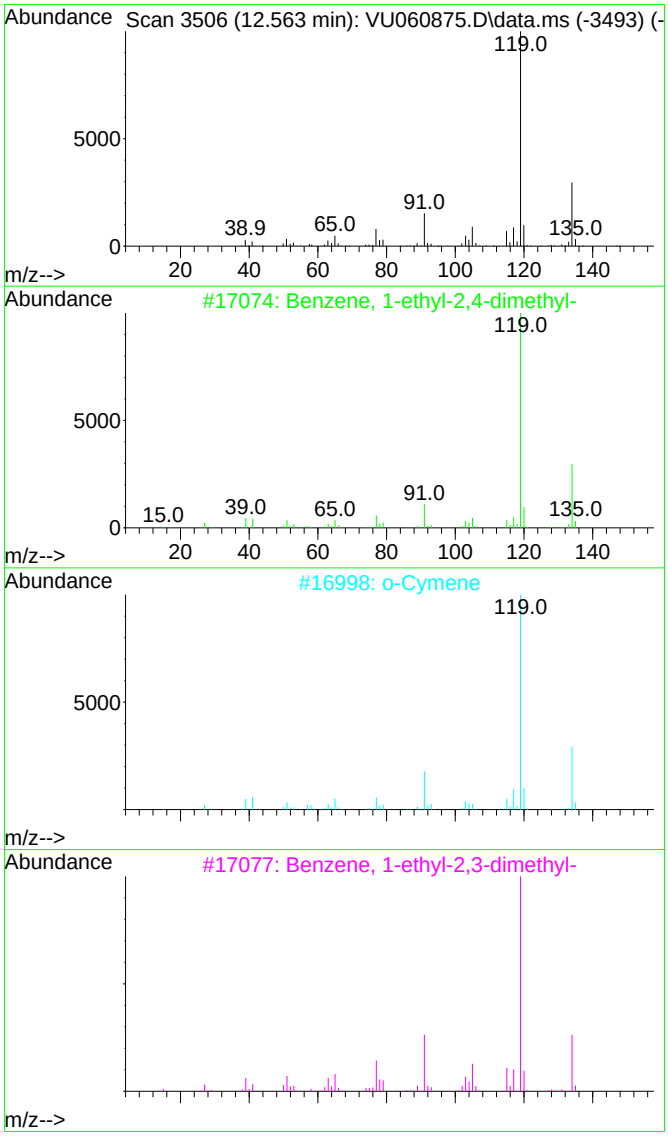
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

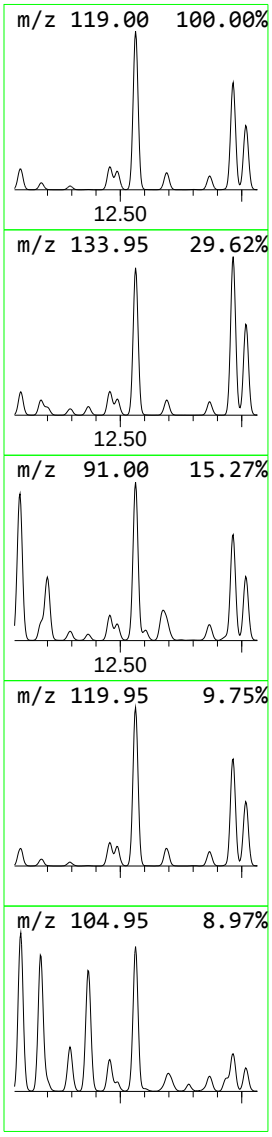
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	83.54 ug/L	8911840	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

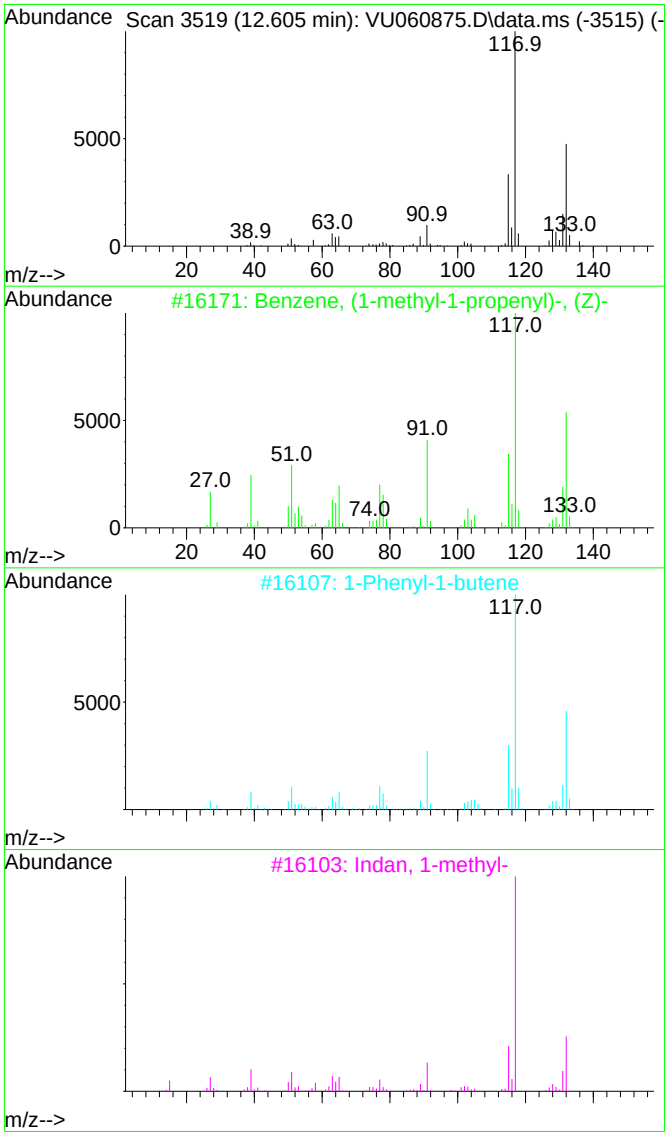
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

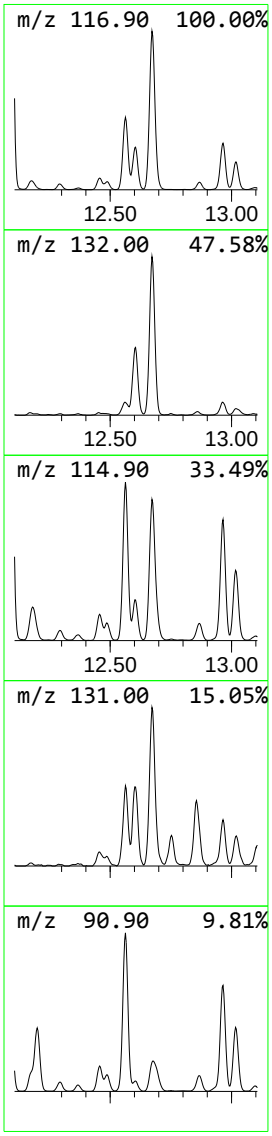
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, (1-methyl-1-propen... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	5.34 ug/L	569771	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

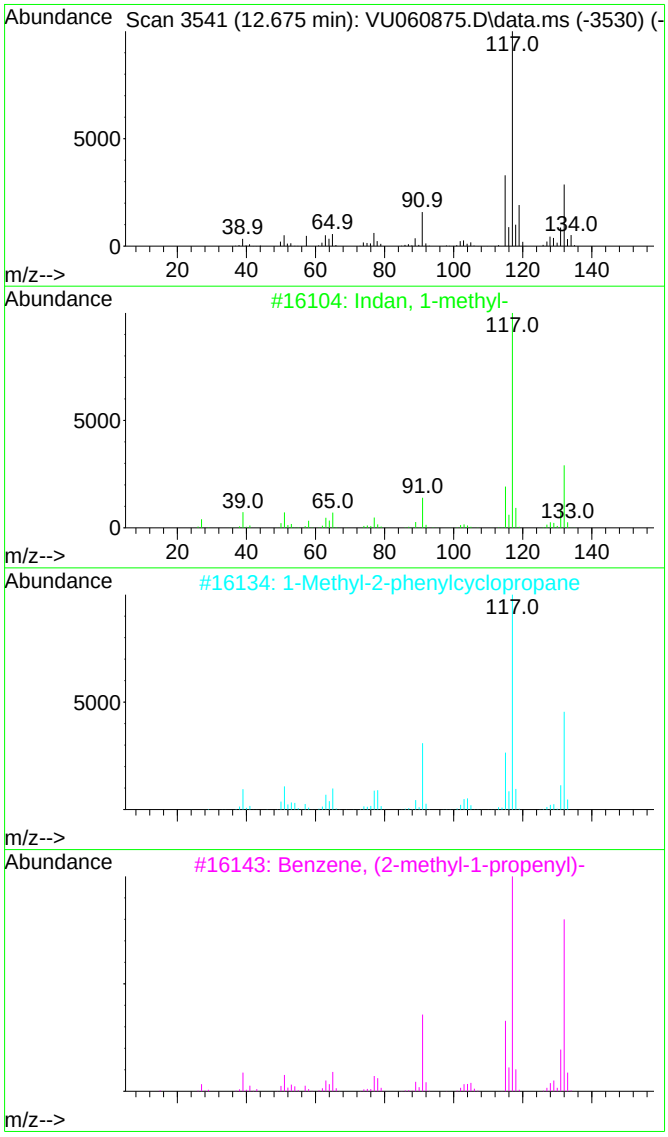
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

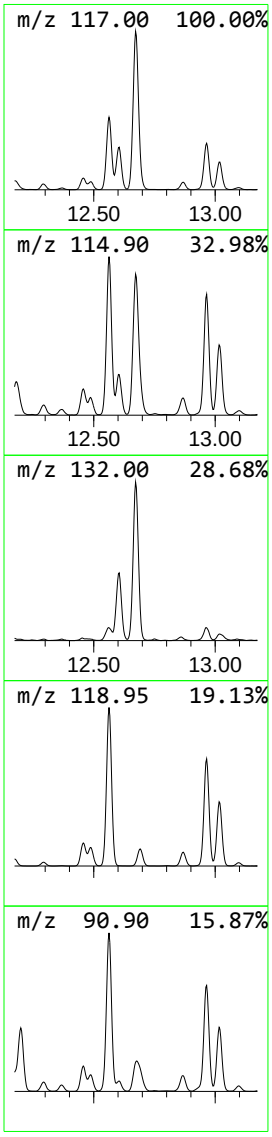
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	27.93 ug/L	2979140	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

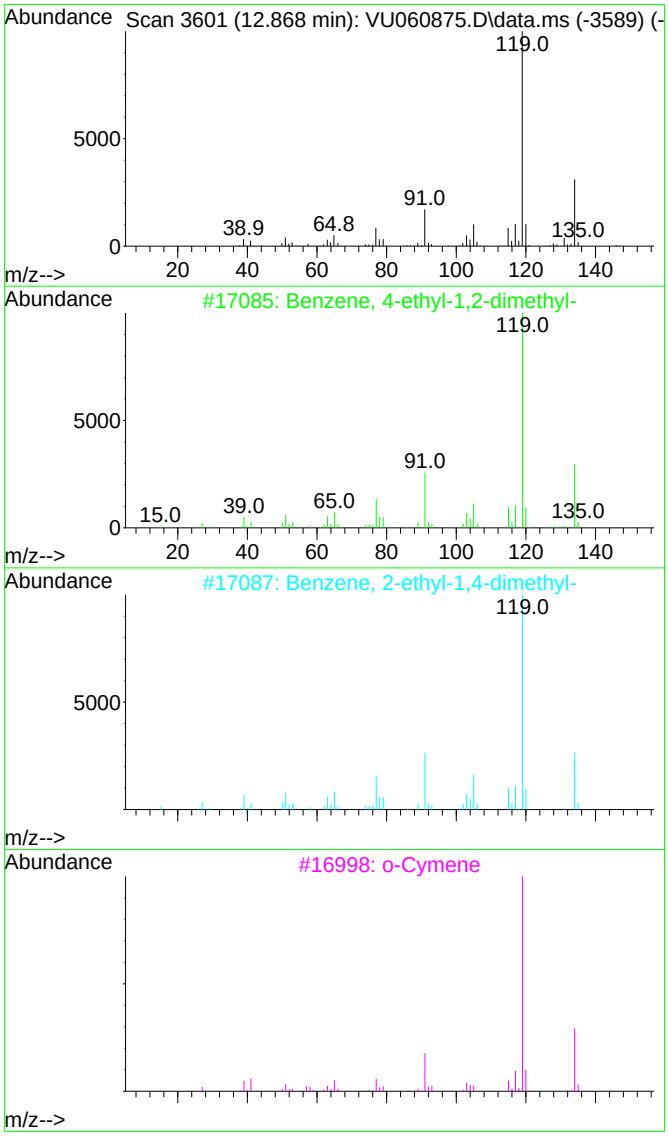
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

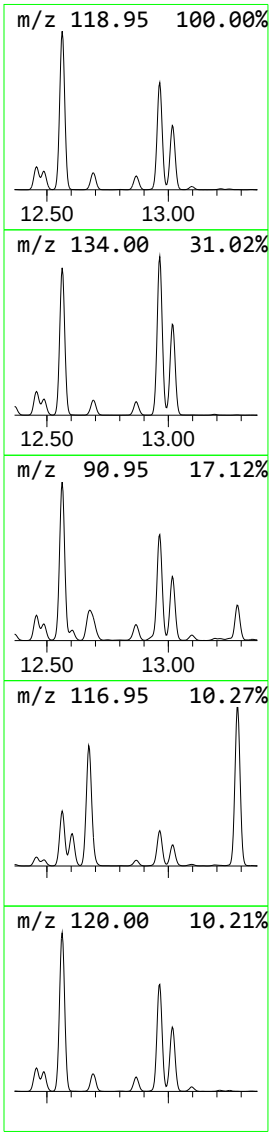
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	8.68 ug/L	926417	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	o-Cymene	134	C10H14	000527-84-4	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

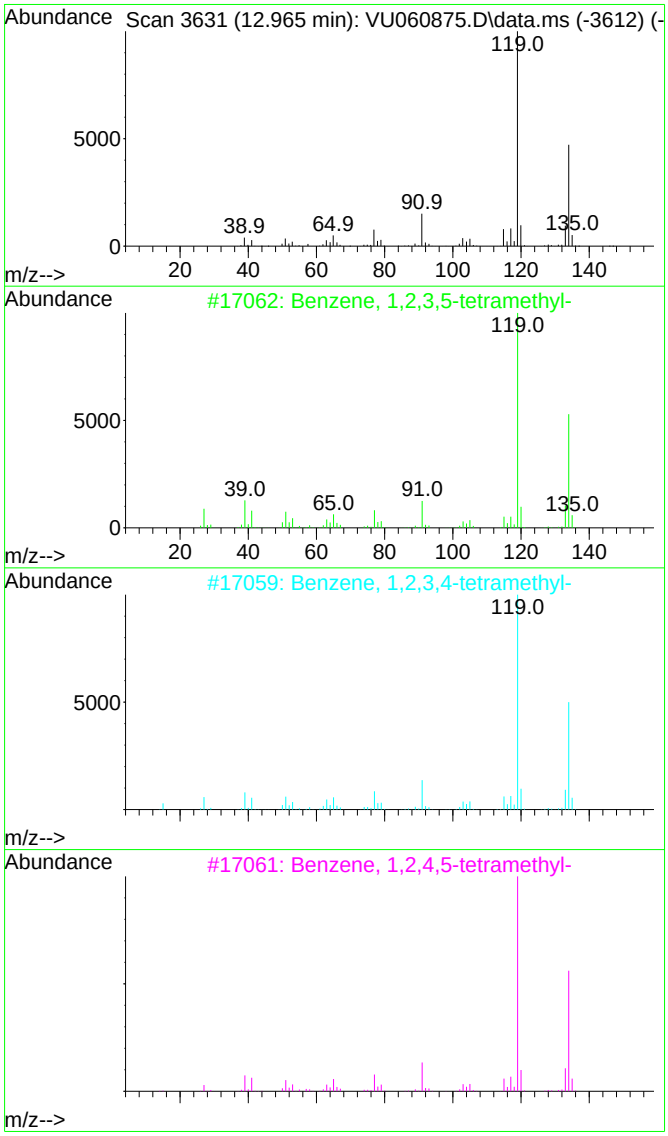
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

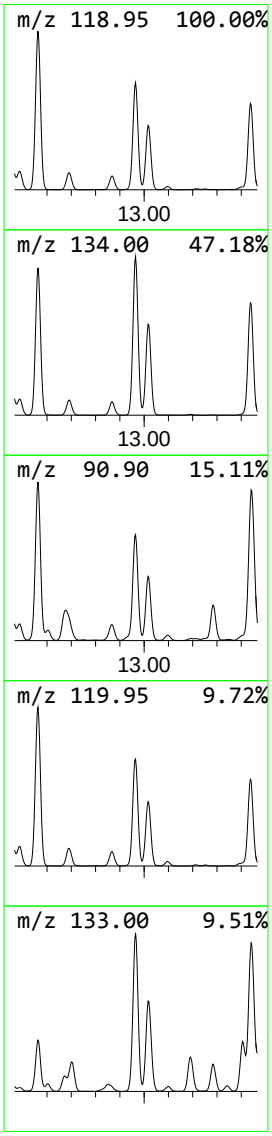
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	62.73 ug/L	6691930	1,4-Dichlorobenzene-d4	11.804

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	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

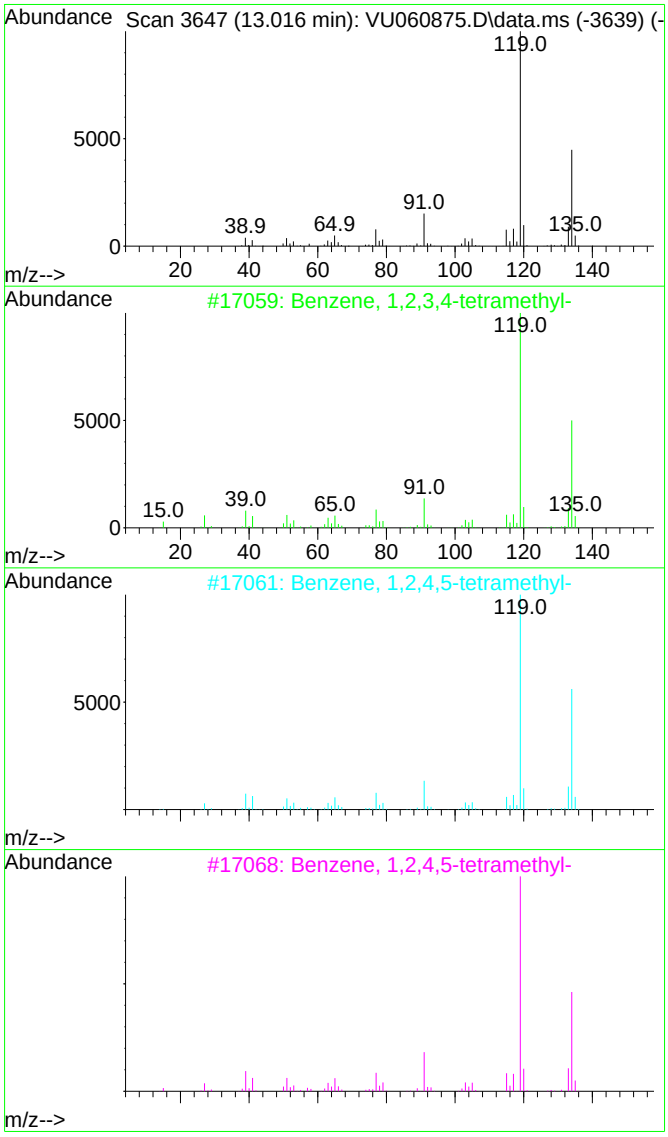
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

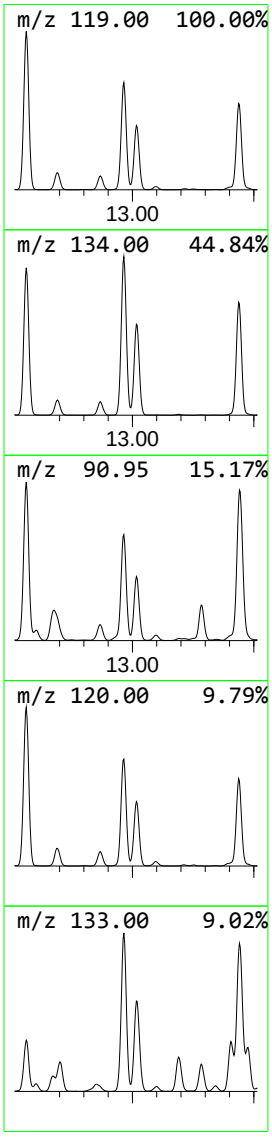
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	37.19 ug/L	3966990	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

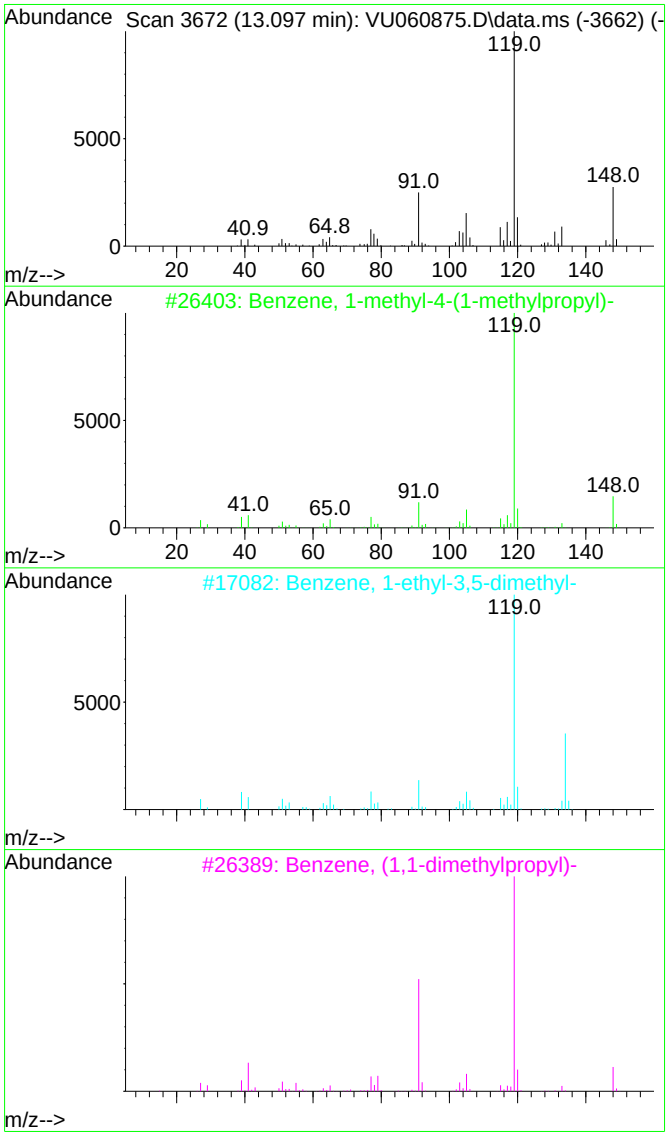
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

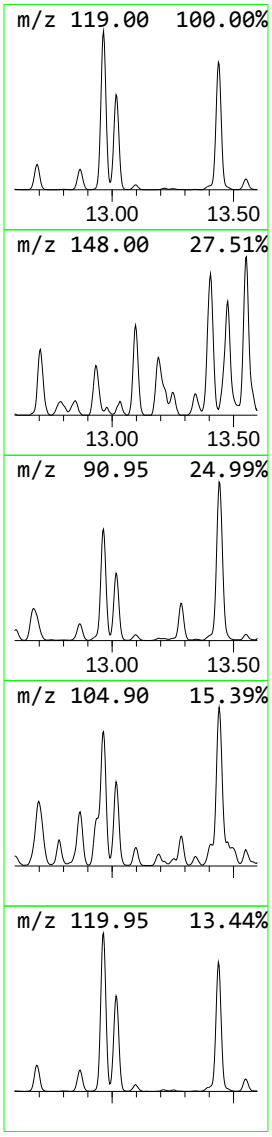
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	2.33 ug/L	248890	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

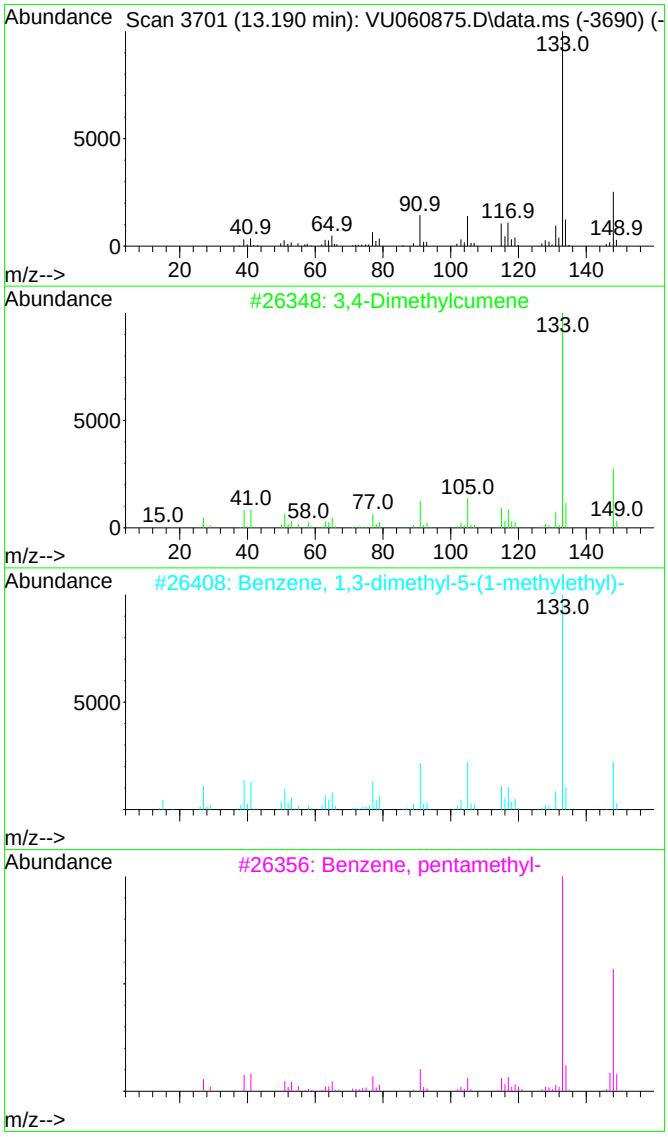
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

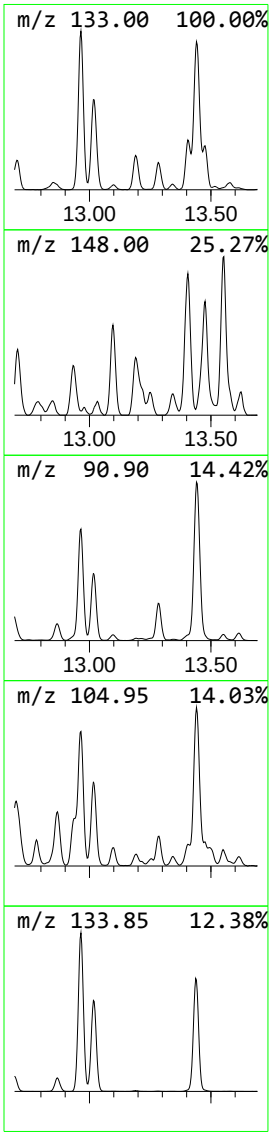
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 3,4-Dimethylcumene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	2.04 ug/L	217970	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

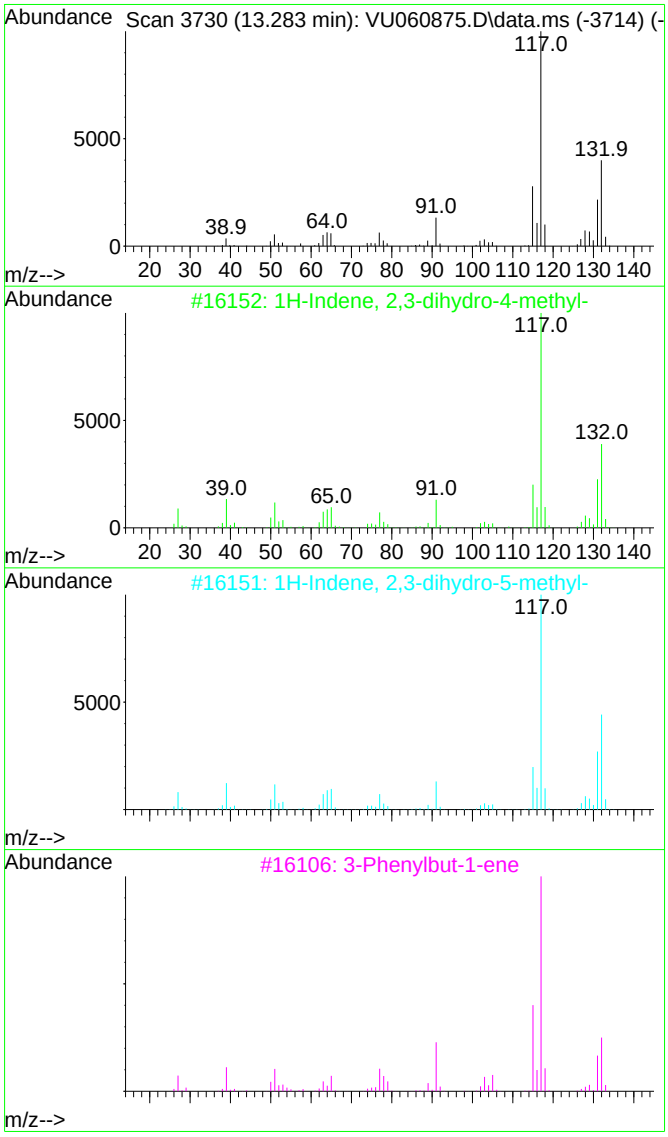
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

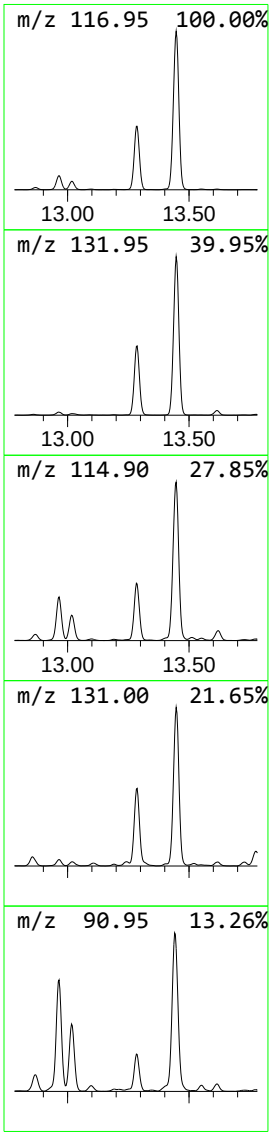
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.283	27.35 ug/L	2917380	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

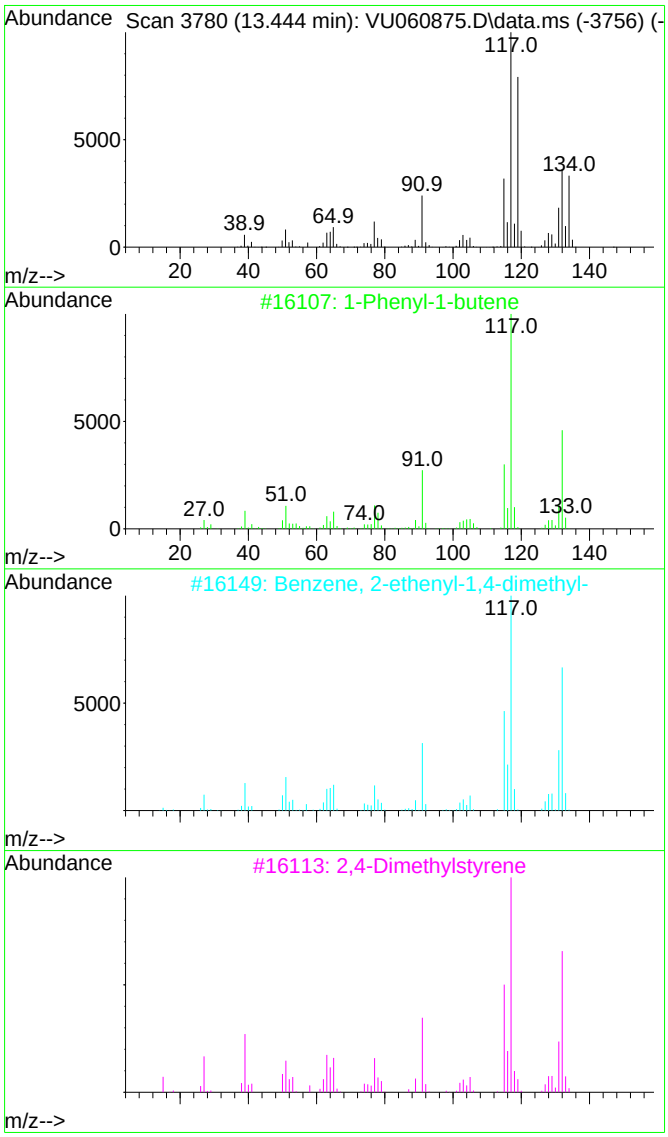
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

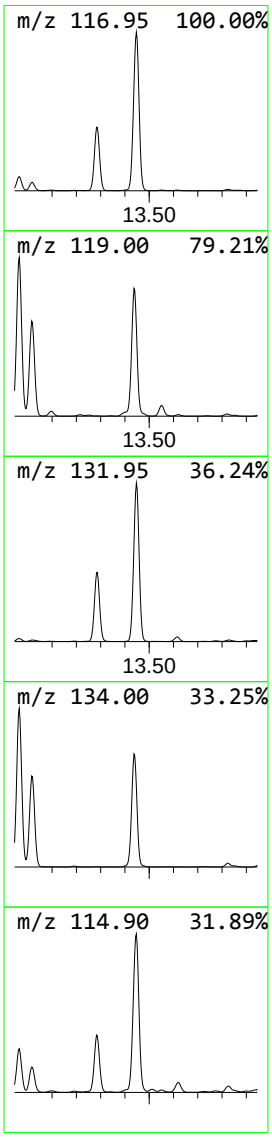
****

Peak Number 32 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	117.87 ug/L	12574100	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

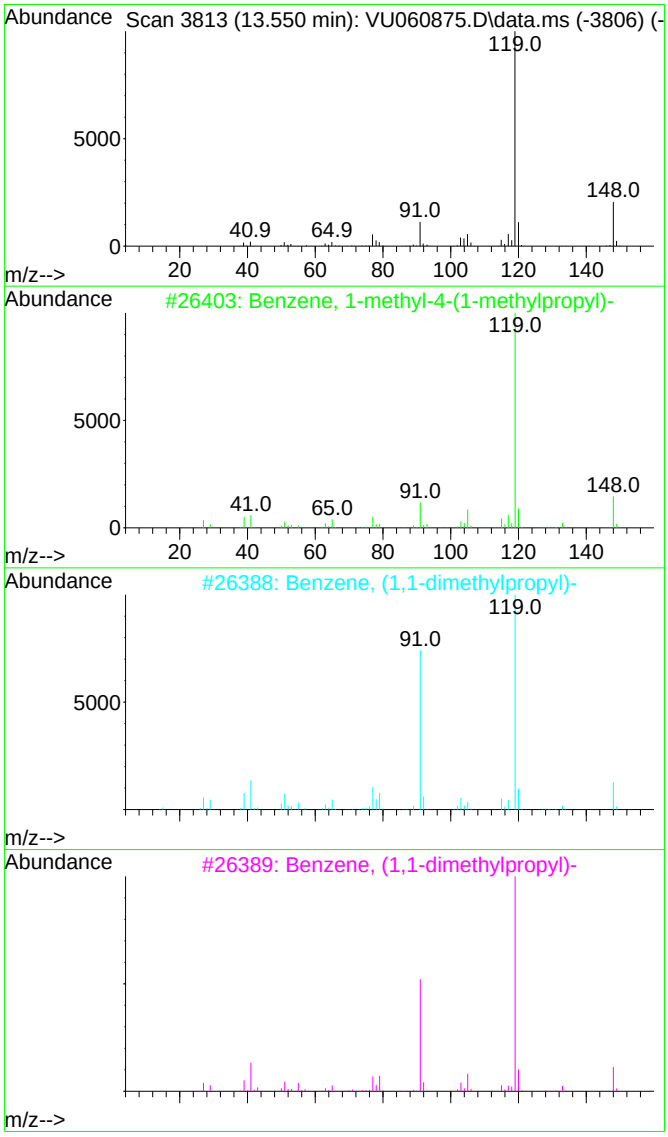
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

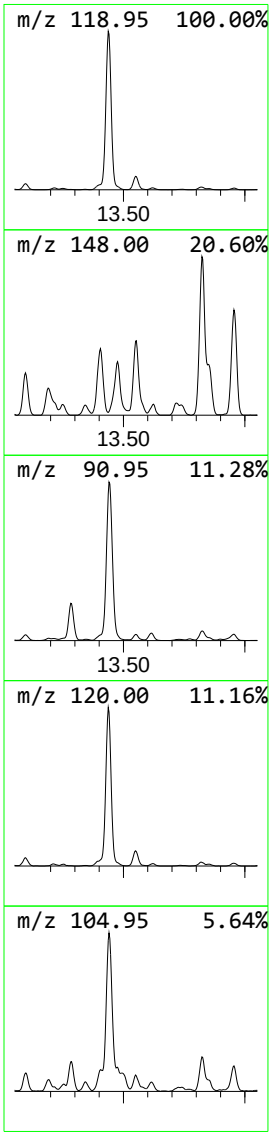
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1,1-dimethylpropyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.550	2.92 ug/L	311497	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

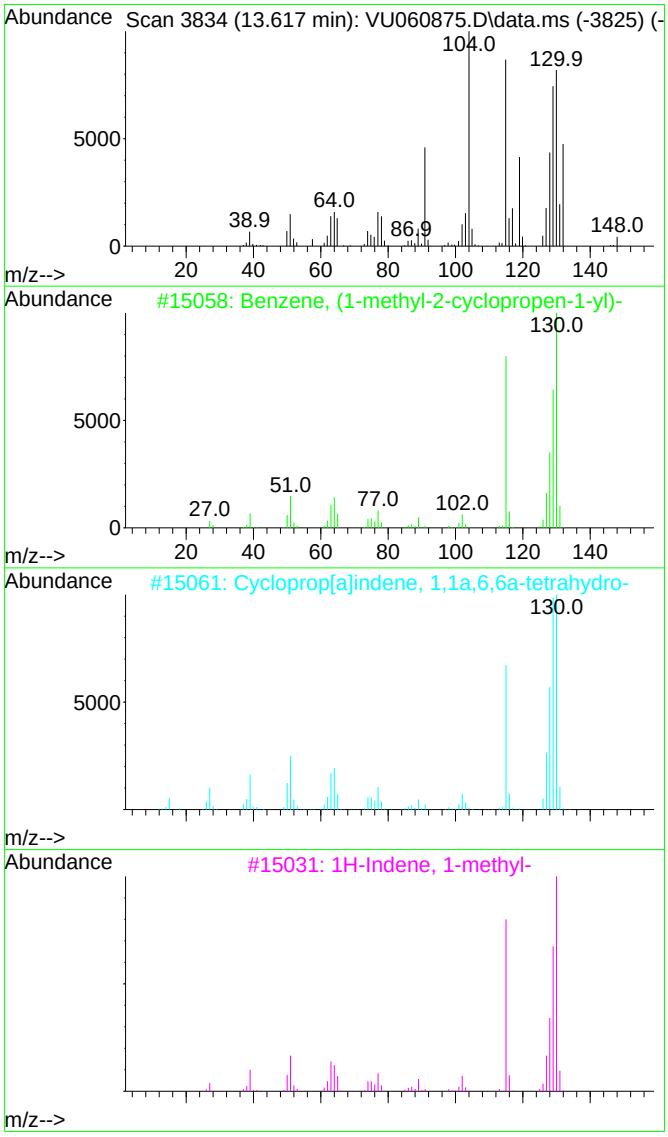
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

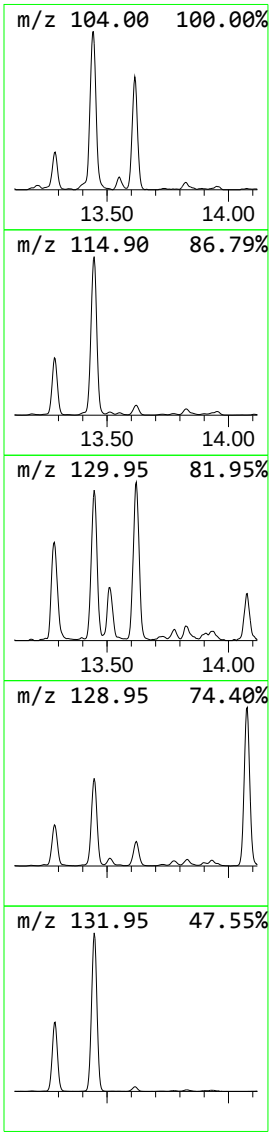
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (1-methyl-2-cyclop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	4.34 ug/L	462638	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
4	2-Methylindene	130	C10H10	002177-47-1	87
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

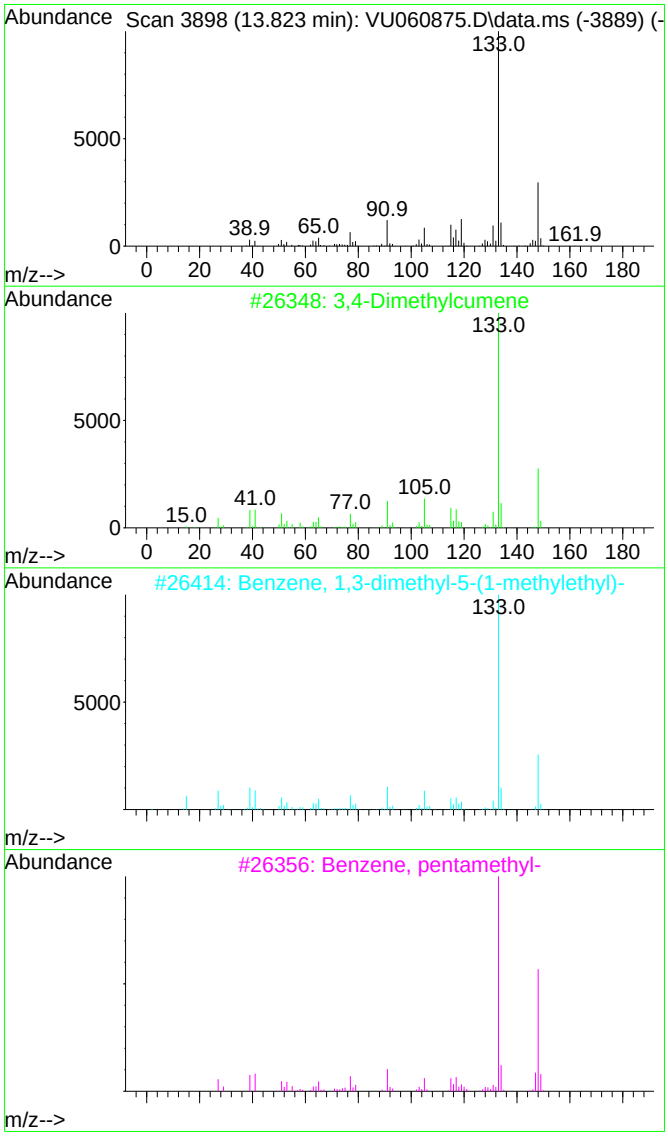
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

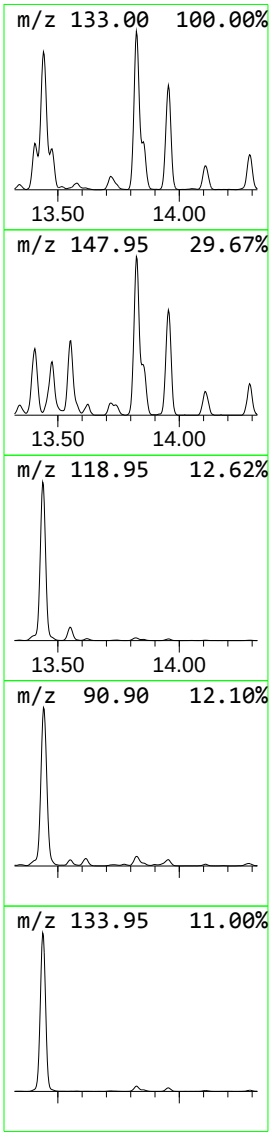
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.823	8.31 ug/L	886374	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

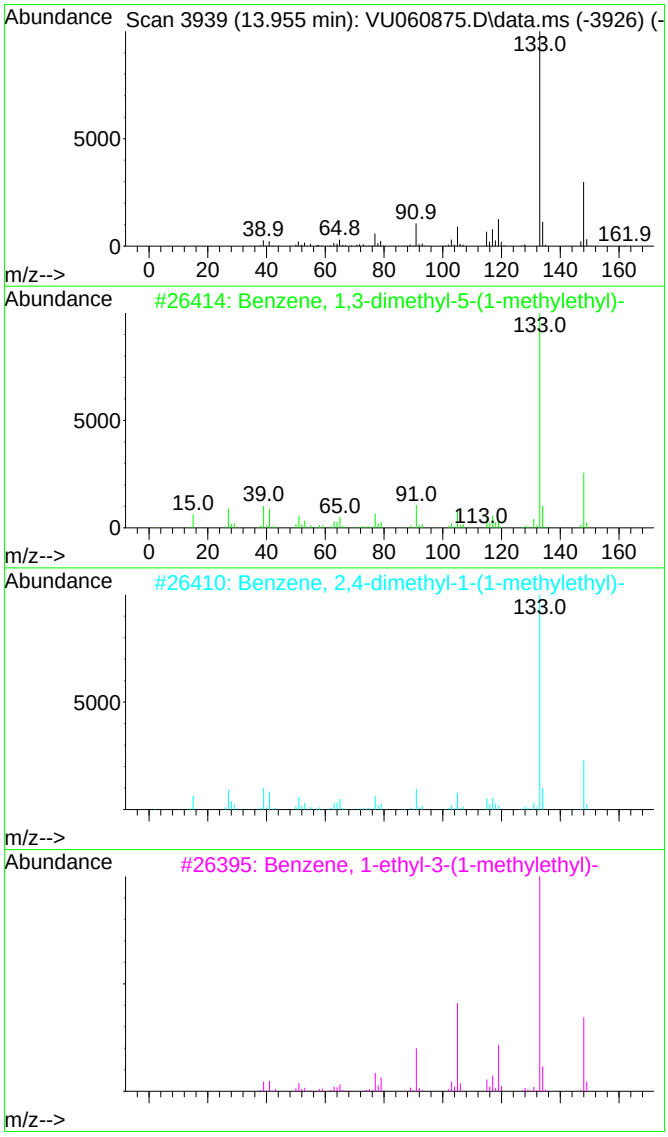
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

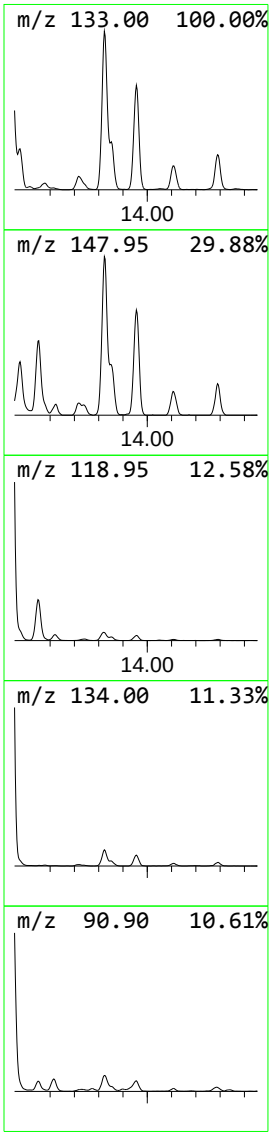
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.955	5.70 ug/L	607814	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	80
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

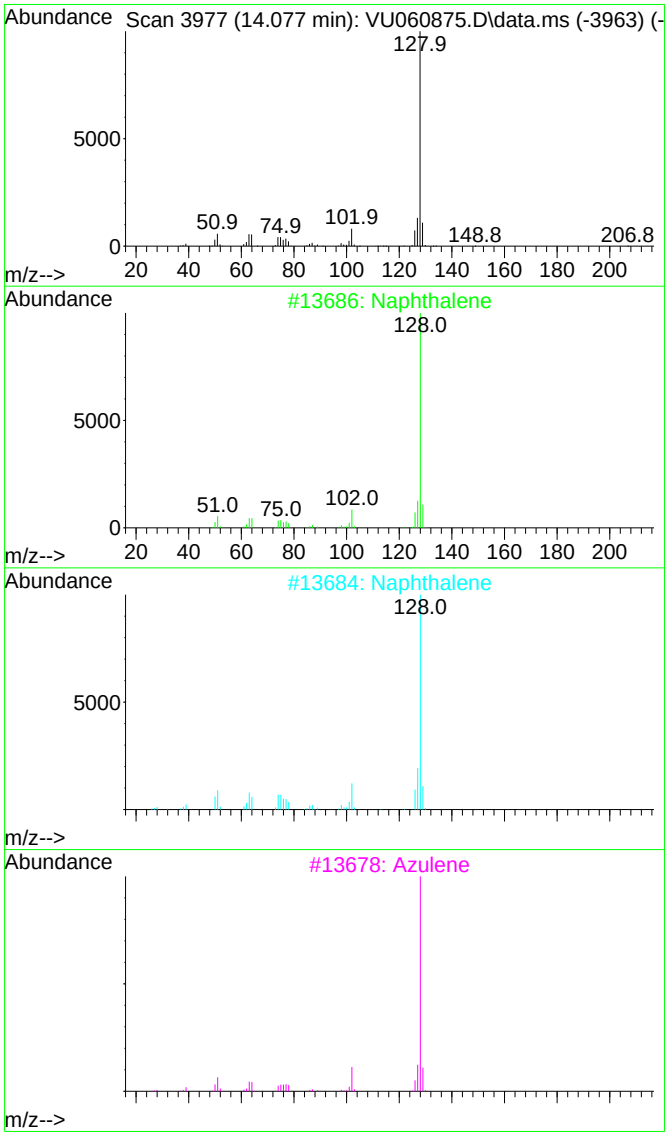
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

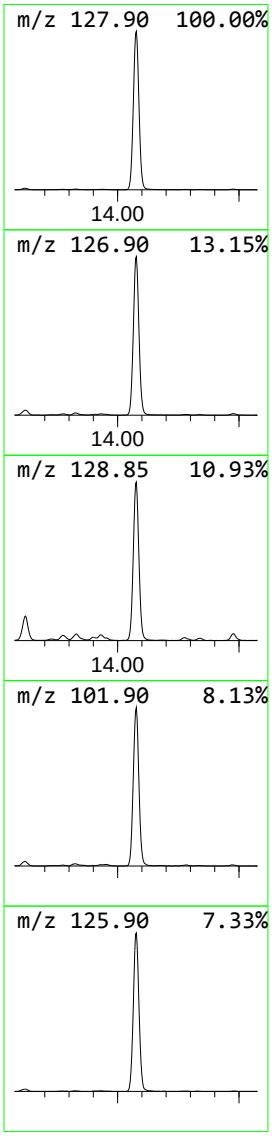
****

Peak Number 37 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	44.04 ug/L	4697870	1,4-Dichlorobenzene-d4	11.804

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	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

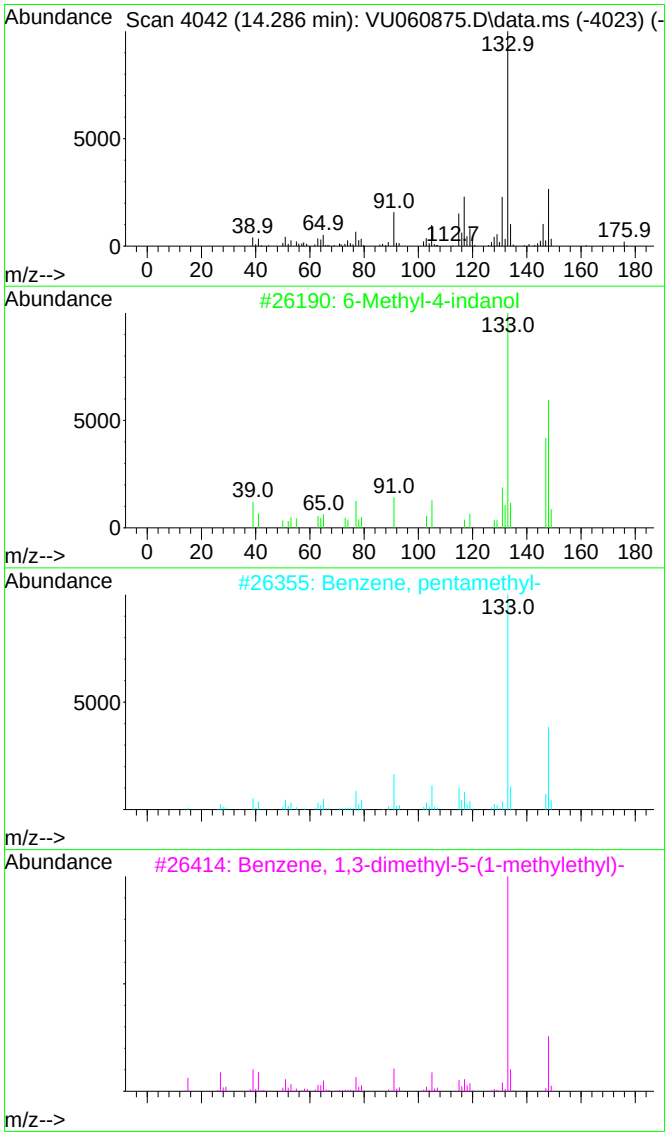
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

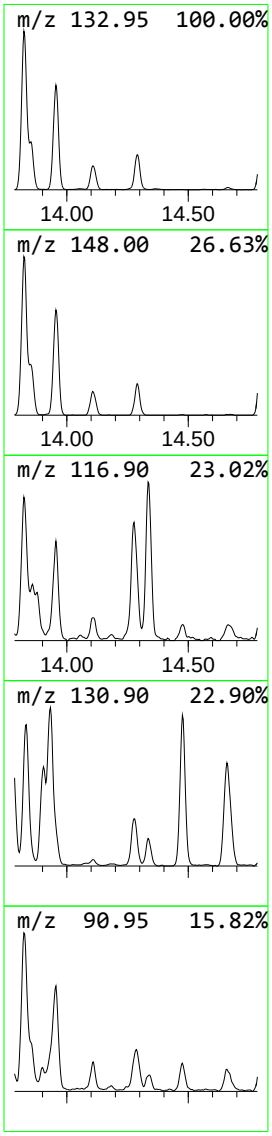
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 6-Methyl-4-indanol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	2.39 ug/L	255053	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	74
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	58
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

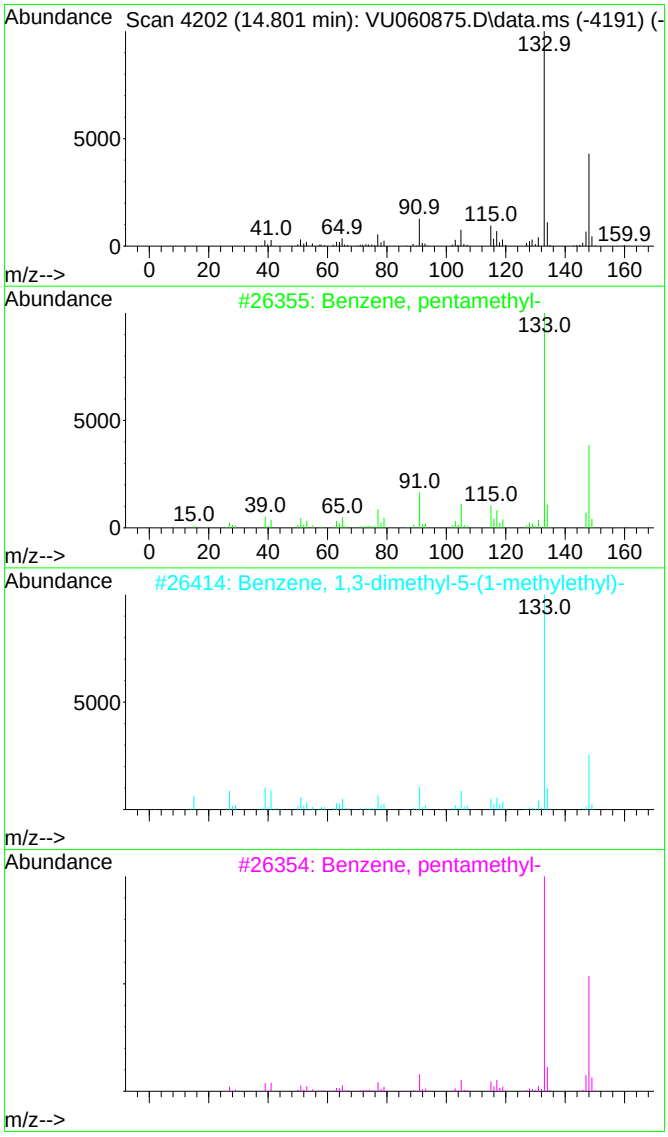
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

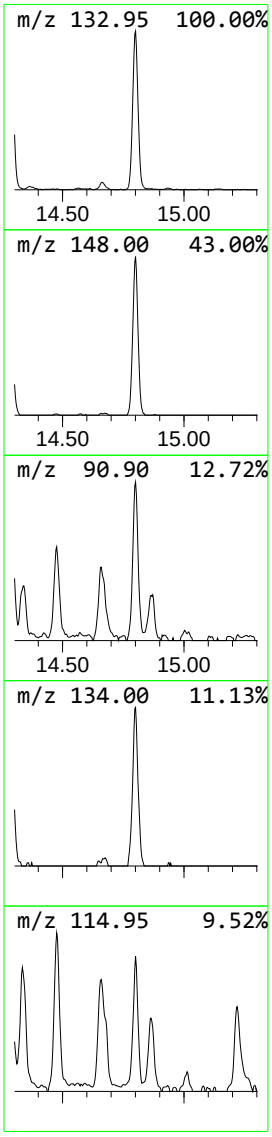
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, pentamethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	2.02 ug/L	215386	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, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060875.D
Acq On : 18 Sep 2024 17:12
Operator : MD/SY
Sample : P3973-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	4.521	16.0	ug/L	1308550	1	6.242	408734	5.0
(DEL) Alkane: S...	5.451	6.4	ug/L	519582	1	6.242	408734	5.0
(DEL) Alkane: S...	5.582	3.6	ug/L	292114	1	6.242	408734	5.0
(DEL) Alkane: S...	5.627	5.2	ug/L	423274	1	6.242	408734	5.0
(DEL) Alkane: C...	5.840	10.4	ug/L	851804	1	6.242	408734	5.0
(DEL) Alkane: C...	5.914	9.6	ug/L	782359	1	6.242	408734	5.0
(DEL) Alkane: C...	5.978	12.2	ug/L	1000240	1	6.242	408734	5.0
(DEL) Alkane: C...	6.971	3.6	ug/L	292696	1	6.242	408734	5.0
(DEL) Alkane: C...	8.235	3.0	ug/L	289623	2	9.412	476381	5.0
(DEL) Alkane: C...	8.856	2.0	ug/L	192749	2	9.412	476381	5.0
Benzene, propyl-	10.897	171.8	ug/L	18330400	3	11.804	533373	5.0
Benzene, 1-ethy...	11.016	2.6	ug/L	275397	3	11.804	533373	5.0
Benzene, 1-ethy...	11.283	1.9	ug/L	204789	3	11.804	533373	5.0
Benzene, (2-met...	11.602	3.3	ug/L	347894	3	11.804	533373	5.0
Benzene, 1-meth...	11.634	4.3	ug/L	463556	3	11.804	533373	5.0
Benzene, 1,2,3-...	11.888	45.7	ug/L	4871230	3	11.804	533373	5.0
Benzene, cyclop...	12.087	92.9	ug/L	9910520	3	11.804	533373	5.0
Benzene, 1,2-di...	12.293	4.4	ug/L	470435	3	11.804	533373	5.0
Benzene, 1-meth...	12.367	5.6	ug/L	595908	3	11.804	533373	5.0
Benzene, 2-ethy...	12.457	13.6	ug/L	1451070	3	11.804	533373	5.0
o-Cymene	12.486	7.8	ug/L	837097	3	11.804	533373	5.0
Benzene, 1-ethy...	12.563	83.5	ug/L	8911840	3	11.804	533373	5.0
Benzene, (1-met...	12.605	5.3	ug/L	569771	3	11.804	533373	5.0
Indan, 1-methyl-	12.675	27.9	ug/L	2979140	3	11.804	533373	5.0
Benzene, 4-ethy...	12.868	8.7	ug/L	926417	3	11.804	533373	5.0
Benzene, 1,2,3,...	12.965	62.7	ug/L	6691930	3	11.804	533373	5.0
Benzene, 1,2,3,...	13.016	37.2	ug/L	3966990	3	11.804	533373	5.0
Benzene, 1-meth...	13.097	2.3	ug/L	248890	3	11.804	533373	5.0
3,4-Dimethylcumene	13.190	2.0	ug/L	217970	3	11.804	533373	5.0
1H-Indene, 2,3-...	13.283	27.4	ug/L	2917380	3	11.804	533373	5.0
1-Phenyl-1-butene	13.444	117.9	ug/L	12574100	3	11.804	533373	5.0
Benzene, (1,1-d...	13.550	2.9	ug/L	311497	3	11.804	533373	5.0
Benzene, (1-met...	13.618	4.3	ug/L	462638	3	11.804	533373	5.0
Benzene, 2,4-di...	13.823	8.3	ug/L	886374	3	11.804	533373	5.0
Benzene, 1,3-di...	13.955	5.7	ug/L	607814	3	11.804	533373	5.0
Azulene	14.077	44.0	ug/L	4697870	3	11.804	533373	5.0
6-Methyl-4-indanol	14.286	2.4	ug/L	255053	3	11.804	533373	5.0
Benzene, pentam...	14.801	2.0	ug/L	215386	3	11.804	533373	5.0