LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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: VU060874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	87	95	108	rVB	58624	65893	3.86%	0.441%
2	1.911	185	193	210	rVB2	47222	73600	4.31%	0.493%
3	2.563	384	396	412	rBV	84205	138017	8.08%	0.925%
4	3.042	534	545	557	rBV3	10963	22167	1.30%	0.149%
5	4.525	988	1006	1027	rBV2	45744	111882	6.55%	0.750%
6	4.637	1027	1041	1082	rBV	52611	175396	10.27%	1.175%
7	5.055	1156	1171	1188	rBV2	79191	177006	10.36%	1.186%
8	5.380	1256	1272	1286	rBV2	83470	197921	11.59%	1.326%
9	5.457	1286	1296	1313	rVB4	17312	40677	2.38%	0.273%
10	5.589	1324	1337	1341	rBV3	10950	20317	1.19%	0.136%
11	5.631	1343	1350	1360	rVV6	16585	34374	2.01%	0.230%
12	5.718	1360	1377	1403	rVV3	158575	438152	25.65%	2.935%
13	5.843	1405	1416	1427	rVV3	33240	73823	4.32%	0.495%
14	5.914	1428	1438	1449	rVV3	30257	65361	3.83%	0.438%
15	5.981	1449	1459	1477	rVB4	39702	84875	4.97%	0.569%
16	6.242	1528	1540	1569	rBV	182301	362117	21.20%	2.426%
17	6.682	1665	1677	1687	rBV	96144	192803	11.29%	1.292%
18	6.756	1688	1700	1725	rVB	125516	286557	16.78%	1.920%
19	6.975	1756	1768	1781	rVB4	14930	27618	1.62%	0.185%
20	7.560	1939	1950	1969	rBV	45225	89161	5.22%	0.597%
21	7.891	2044	2053	2071	rVB	181656	328067	19.21%	2.198%
22	8.177	2132	2142	2152	rBV	25455	44662	2.62%	0.299%
23	8.235	2152	2160	2173	rVB3	14219	24787	1.45%	0.166%
24	8.631	2272	2283	2320	rBV	198146	420170	24.60%	2.815%
25	8.856	2345	2353	2364	rVB4	10861	17748	1.04%	0.119%
26	9.412	2514	2526	2545	rBV	261734	446405	26.14%	2.991%
27	9.563	2561	2573	2594	rVV	322031	540653	31.66%	3.622%
28	9.692	2602	2613	2635	rVB	103988	174888	10.24%	1.172%
29	10.476	2843	2857	2882	rBV	608282	984907	57.67%	6.598%
30	10.750	2930	2942	2957	rBV	82439	133159	7.80%	0.892%
31	10.897	2975	2988	3016	rBV	1085735	1707879	100.00%	11.442%
32	11.020	3018	3026	3042	rVB2	16655	27516	1.61%	0.184%
33	11.286	3099	3109	3119	rBV3	10489	17547	1.03%	0.118%
34	11.460	3151	3163	3183	rBV	620288	952943	55.80%	6.384%
35	11.605	3199	3208	3212	rVV2	20150	30468	1.78%	0.204%
36	11.637	3212	3218	3230	rVB	27868	43519	2.55%	0.292%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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	11.804	3254	3270	3284	rBV	283775	466249	27.30%	3.124%
38	11.888	3285	3296	3308	rVB	259997	409788	23.99%	2.745%
39	12.087	3345	3358	3376	rBV2	578919	925008	54.16%	6.197%
40	12.184	3376	3388	3409	rVB4	250864	491220	28.76%	3.291%
41	12.293	3412	3422	3436	rVB3	28344	44146	2.58%	0.296%
42	12.370	3436	3446	3459	rBV2	31465	47947	2.81%	0.321%
43	12.457	3462	3473	3478	rBV	72835	111623	6.54%	0.748%
44	12.486	3479	3482	3494	rVB	53128	68505	4.01%	0.459%
45	12.563	3494	3506	3515	rBV	497348	749639	43.89%	5.022%
46	12.676	3530	3541	3560	rVB3	126923	273614	16.02%	1.833%
47	12.868	3588	3601	3612	rVB	45563	74527	4.36%	0.499%
48	12.965	3614	3631	3639	rVV	350891	535306	31.34%	3.586%
49	13.016	3639	3647	3662	rVV	223355	351840	20.60%	2.357%
50	13.097	3662	3672	3685	rVB4	14106	23089	1.35%	0.155%
51	13.286	3720	3731	3744	rVB	150351	232082	13.59%	1.555%
52	13.444	3757	3780	3797	rBV3	612249	1069816	62.64%	7.167%
53	13.553	3806	3814	3824	rVB	18037	27001	1.58%	0.181%
54	13.621	3824	3835	3852	rVB5	20200	40069	2.35%	0.268%
55	13.823	3890	3898	3914	rBV4	31021	61927	3.63%	0.415%
56	13.955	3927	3939	3950	rVB3	21688	41177	2.41%	0.276%
57	14.081	3965	3978	4002	rBV	175942	309381	18.11%	2.073%

Sum of corrected areas: 14926989

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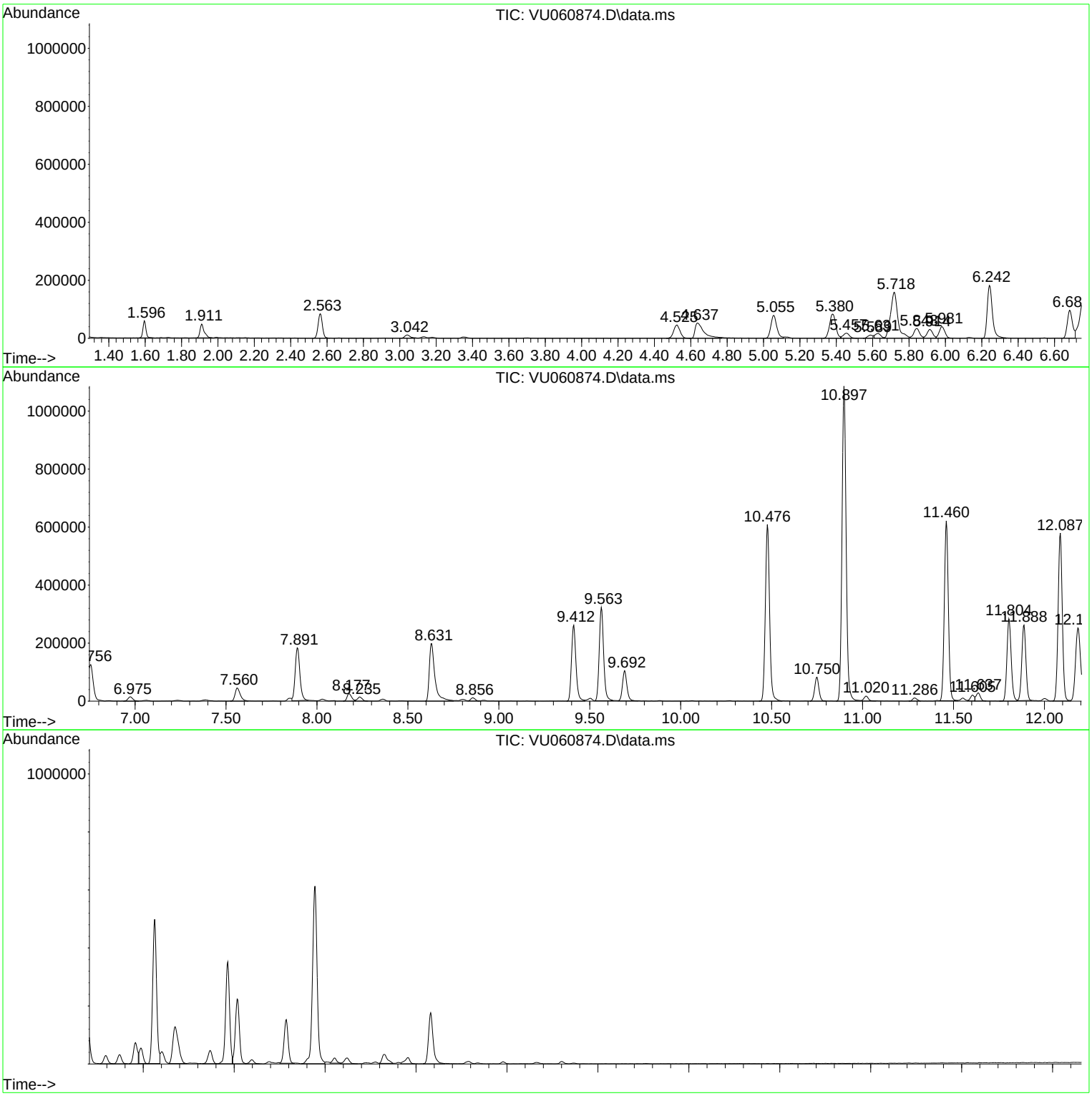
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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 : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

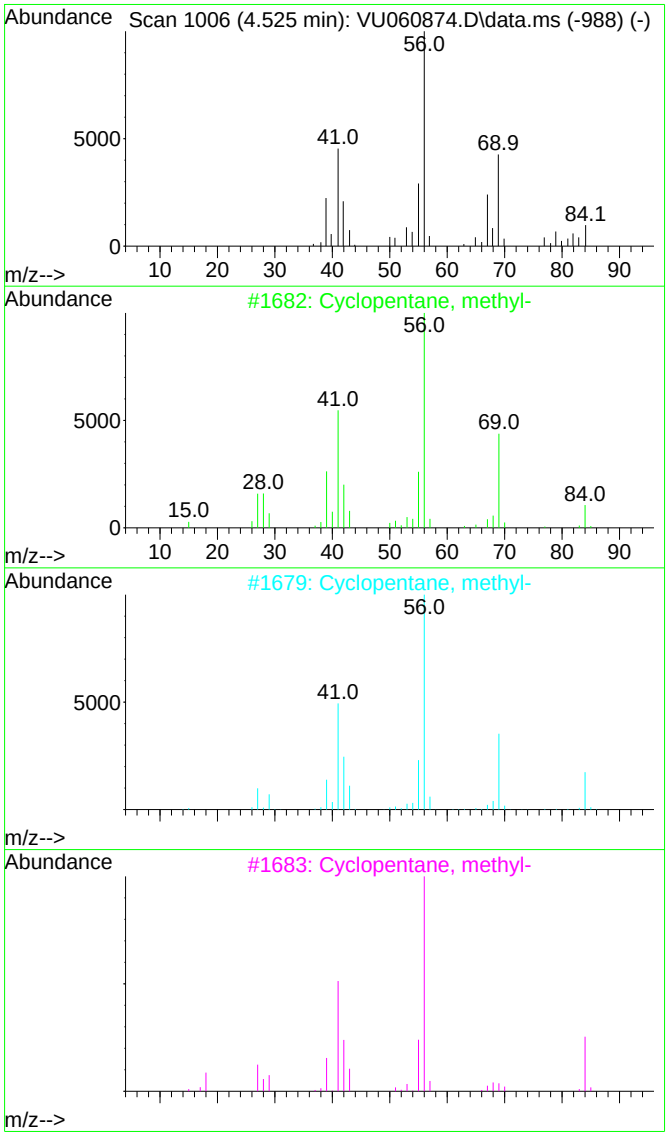
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

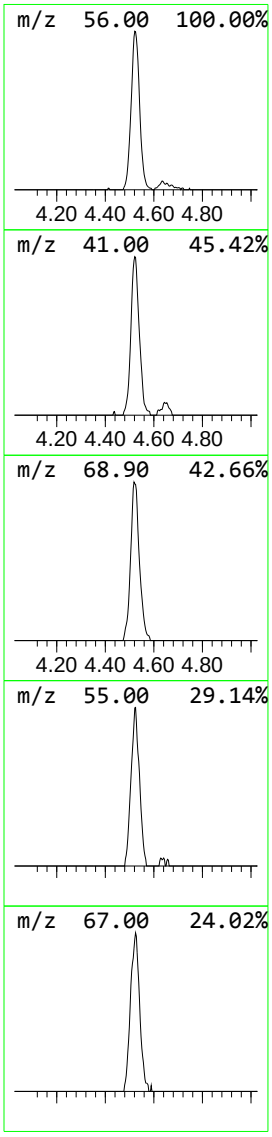
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic4.525 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.525	1.54 ug/L	111882	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

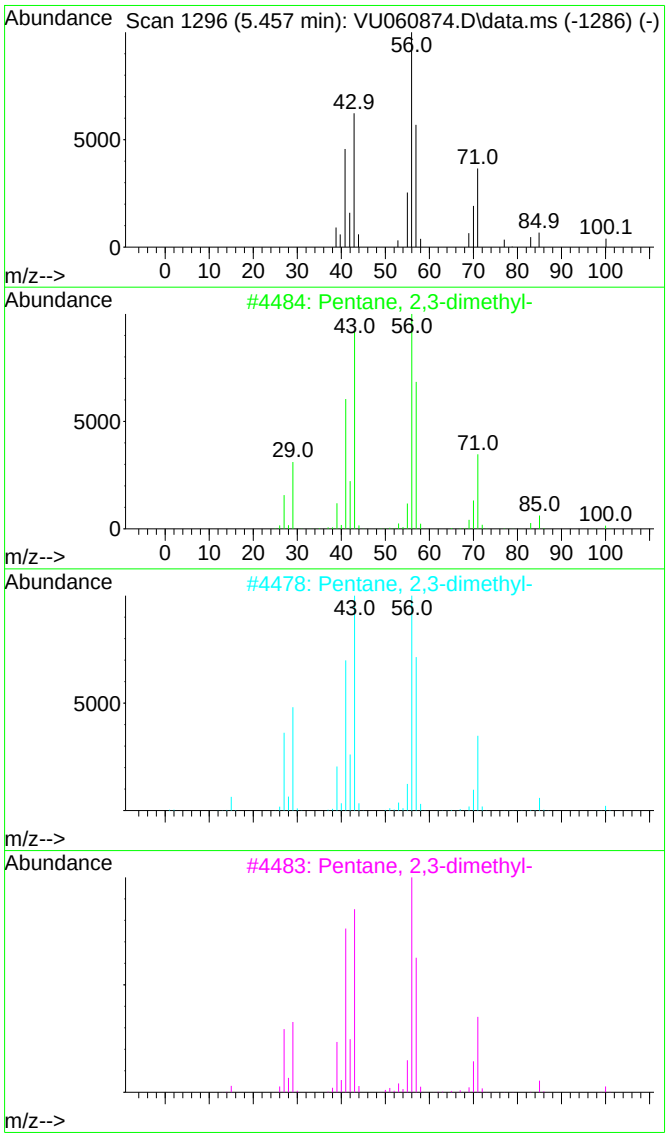
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

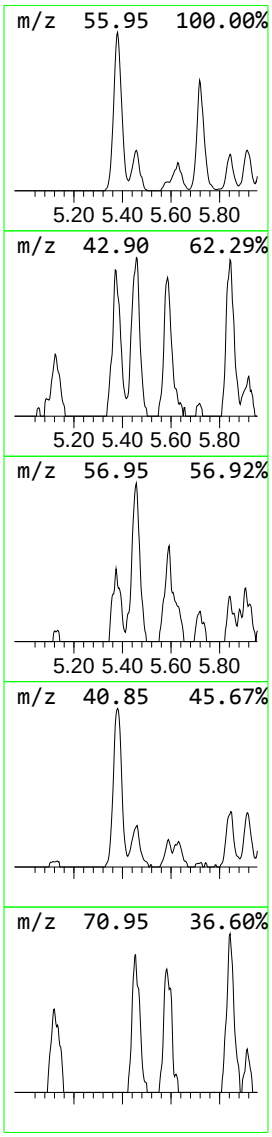
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.457	0.56 ug/L	40677	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
5	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

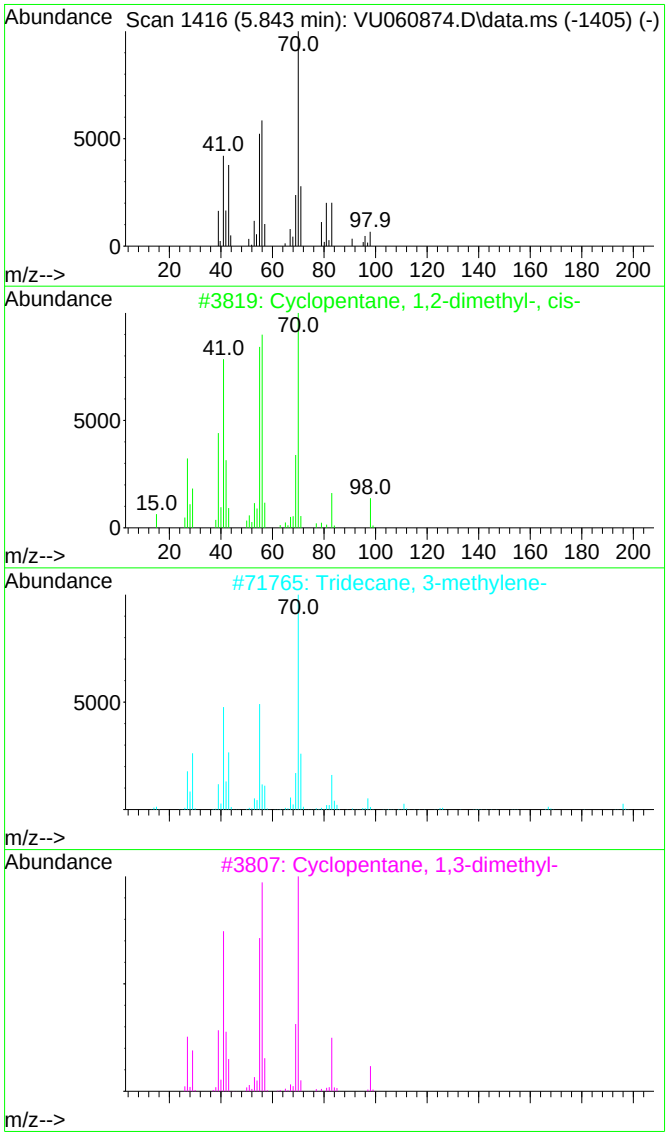
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

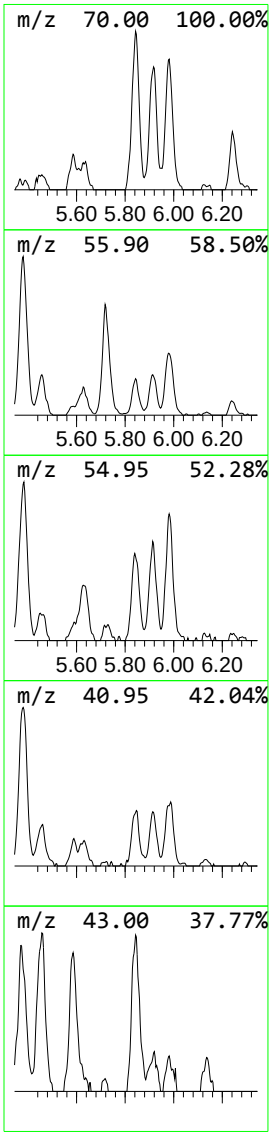
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.843 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	1.02 ug/L	73823	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
2	Tridecane, 3-methylene-	196	C14H28	019780-34-8	53
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

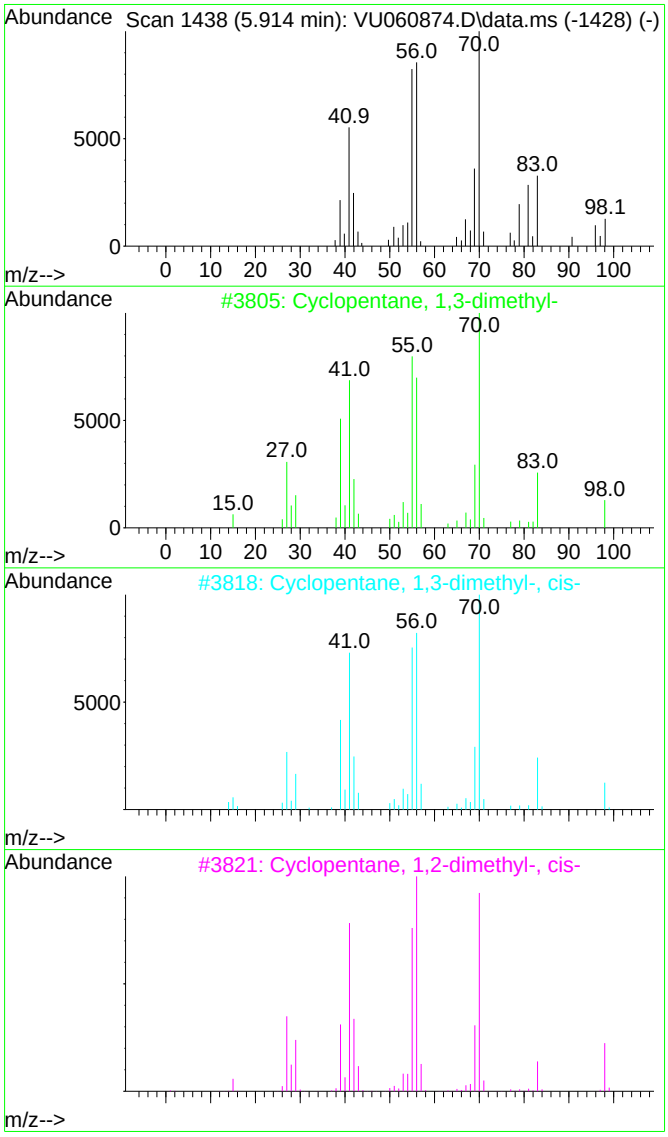
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

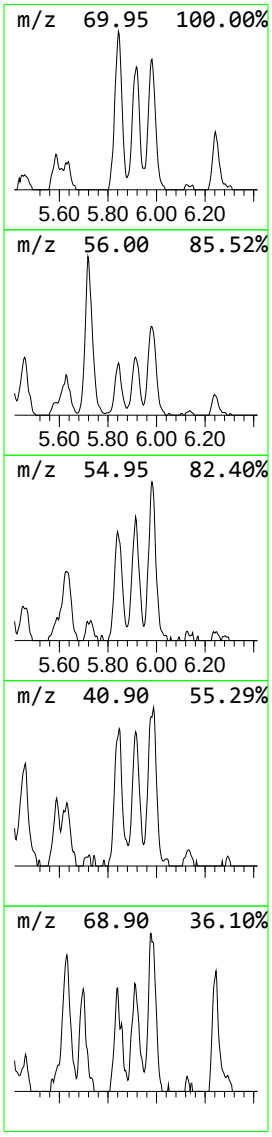
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.914 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.914	0.90 ug/L	65361	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81





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Data File : VU060874.D
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Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

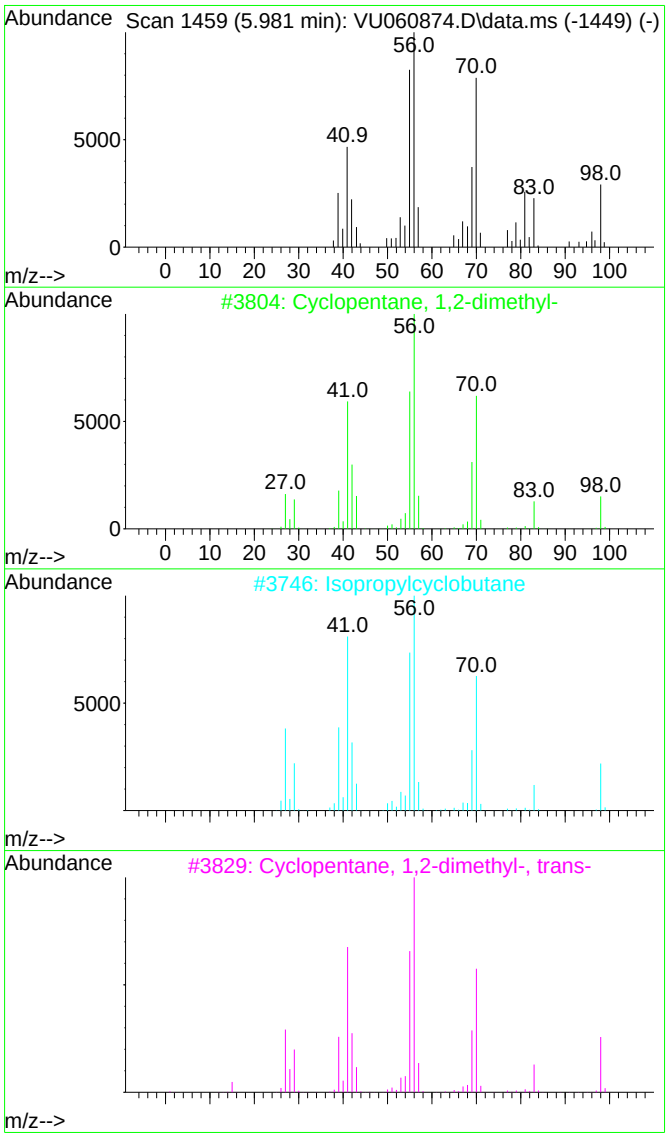
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

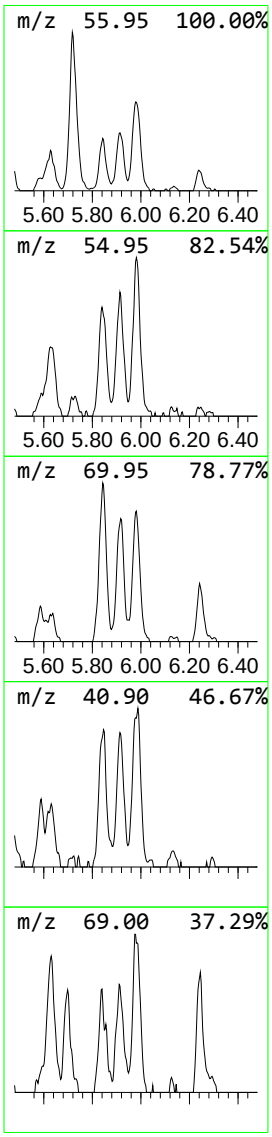
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.981 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	1.17 ug/L	84875	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
2	Isopropylcyclobutane	98	C7H14	000872-56-0	90
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

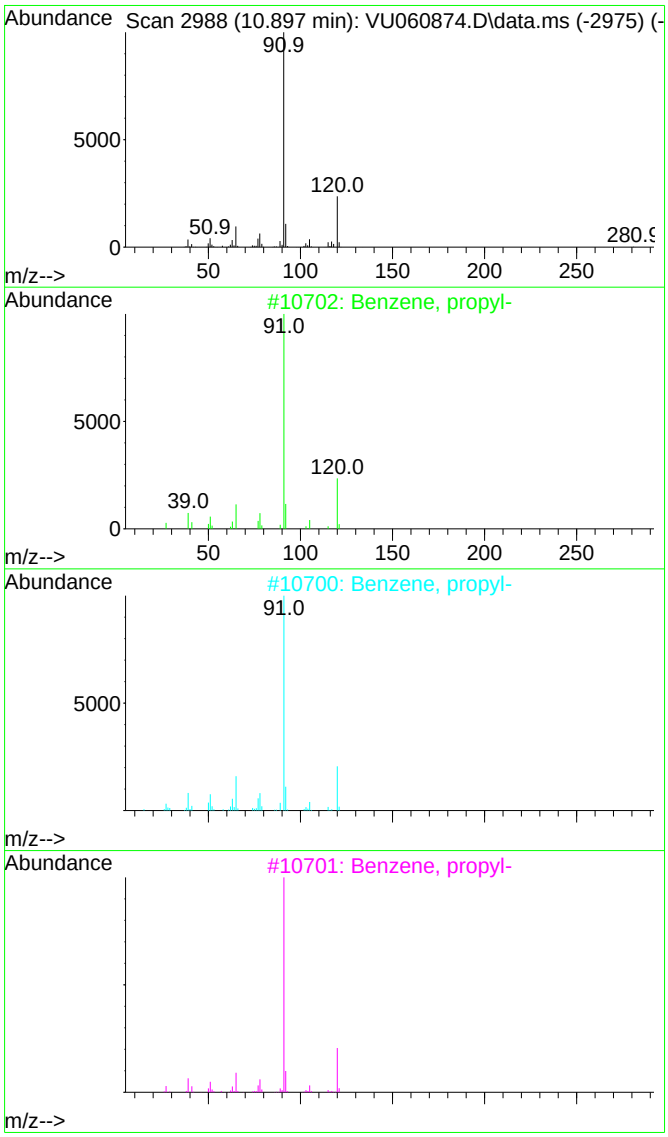
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

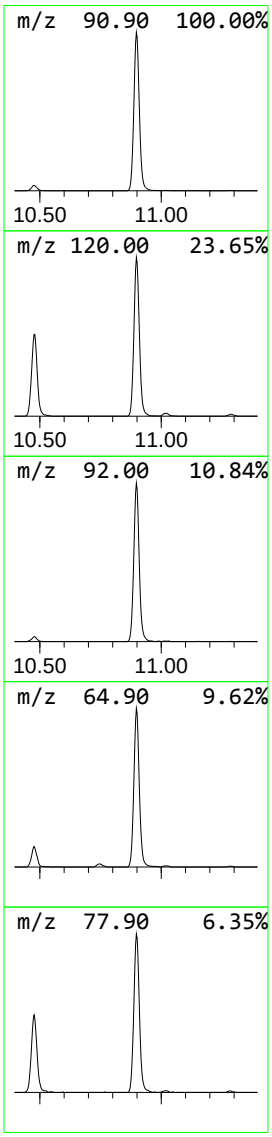
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	18.32 ug/L	1707880	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

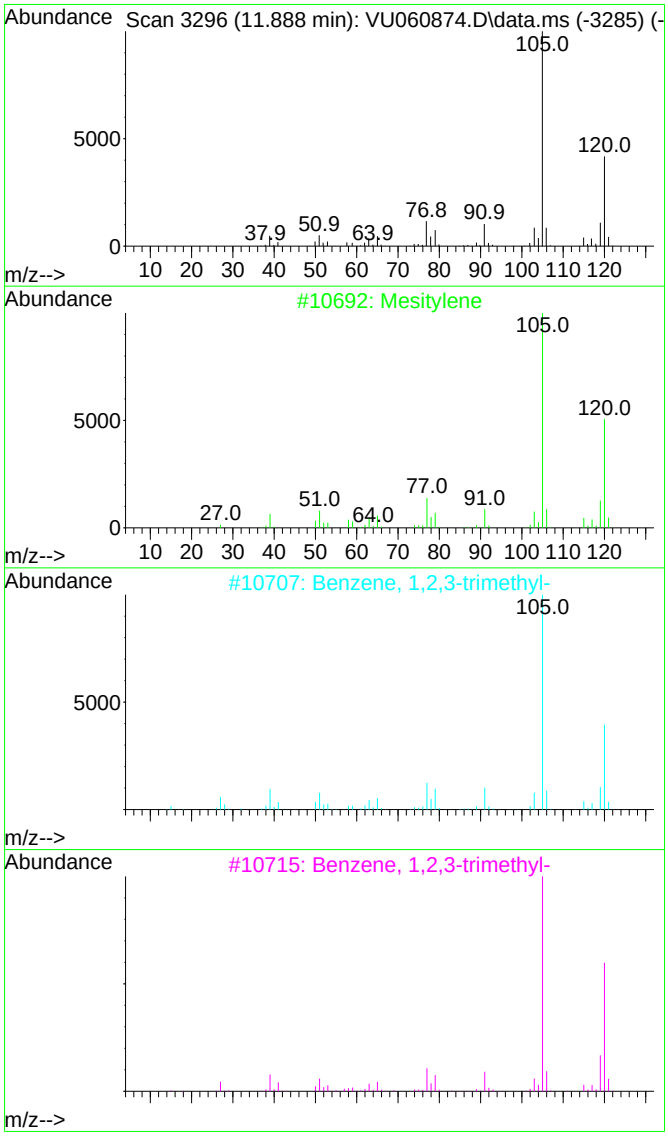
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

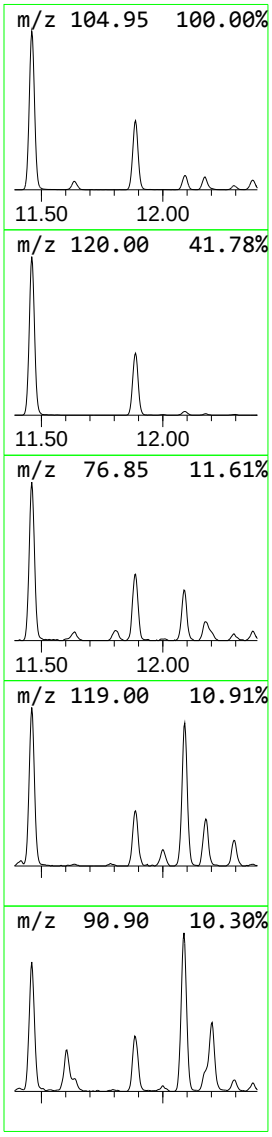
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	4.39 ug/L	409788	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

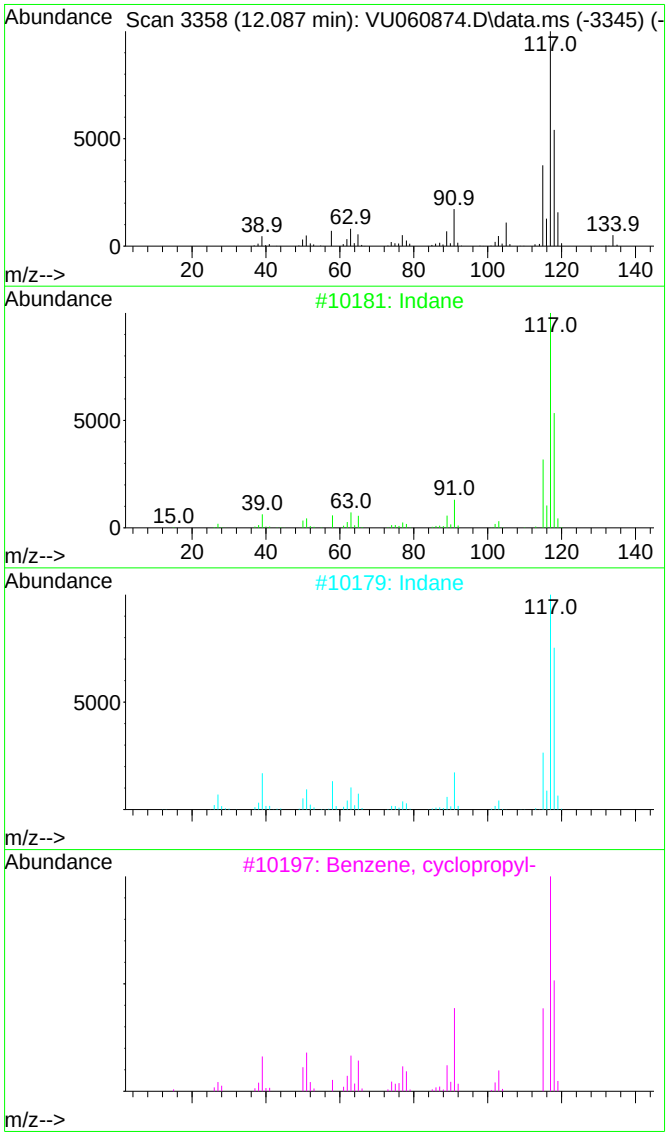
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

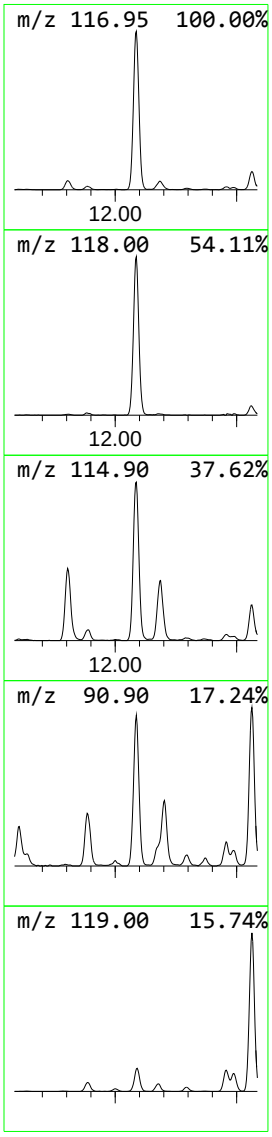
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	9.92 ug/L	925008	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

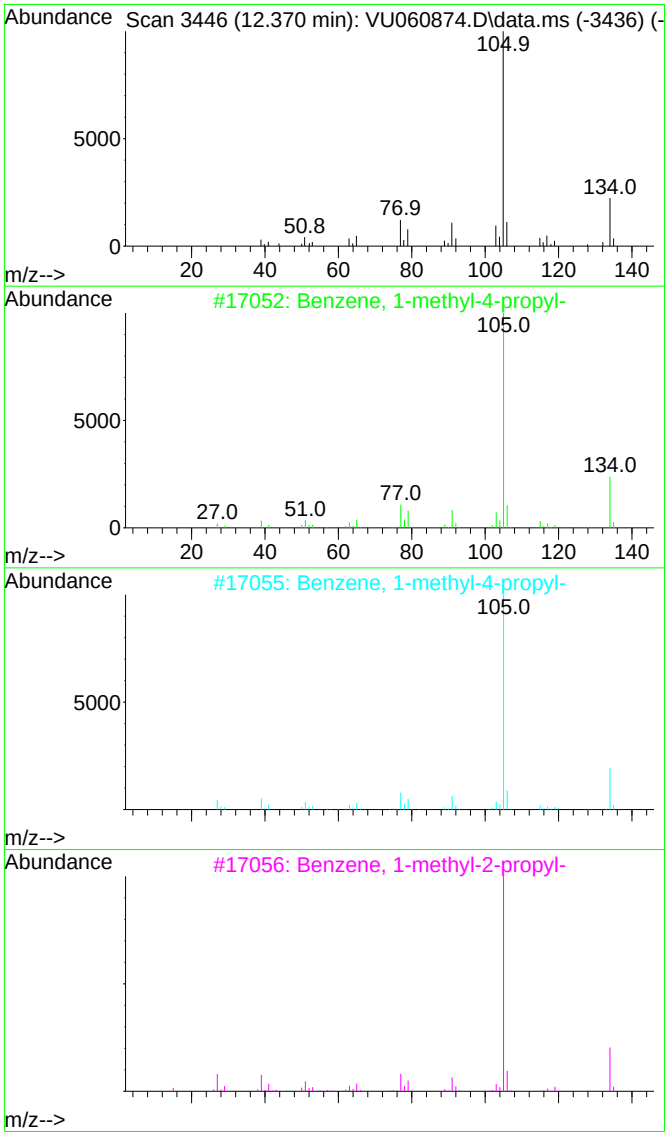
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

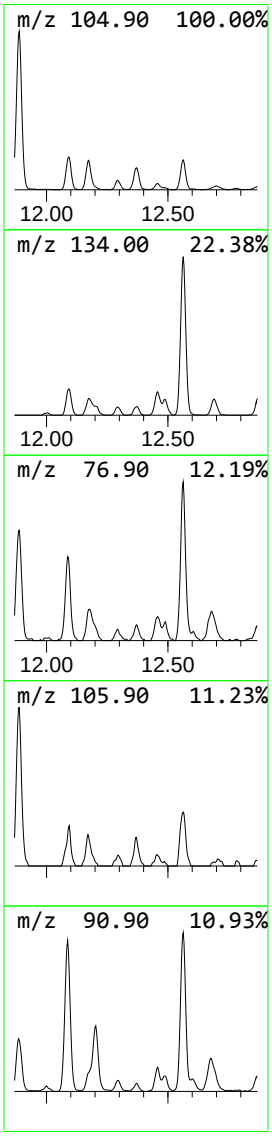
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	0.51 ug/L	47947	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-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

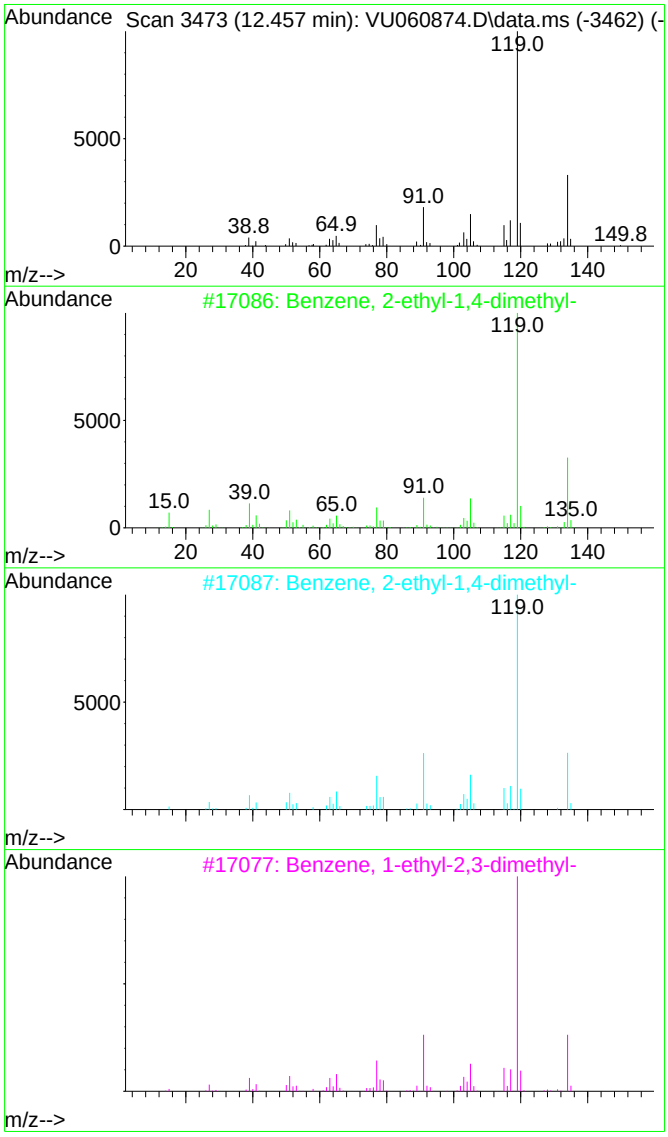
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

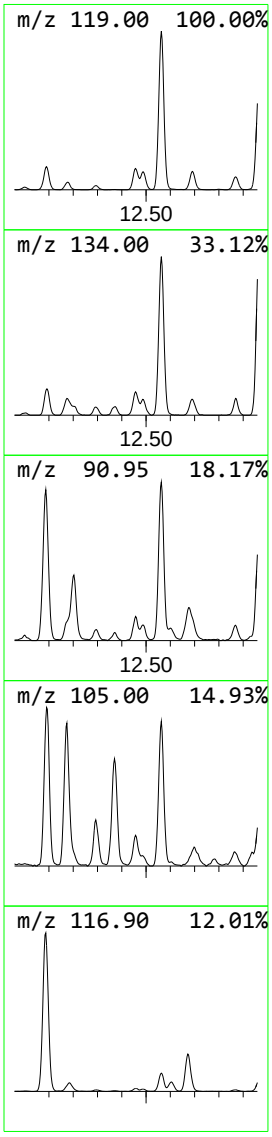
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	1.20 ug/L	111623	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

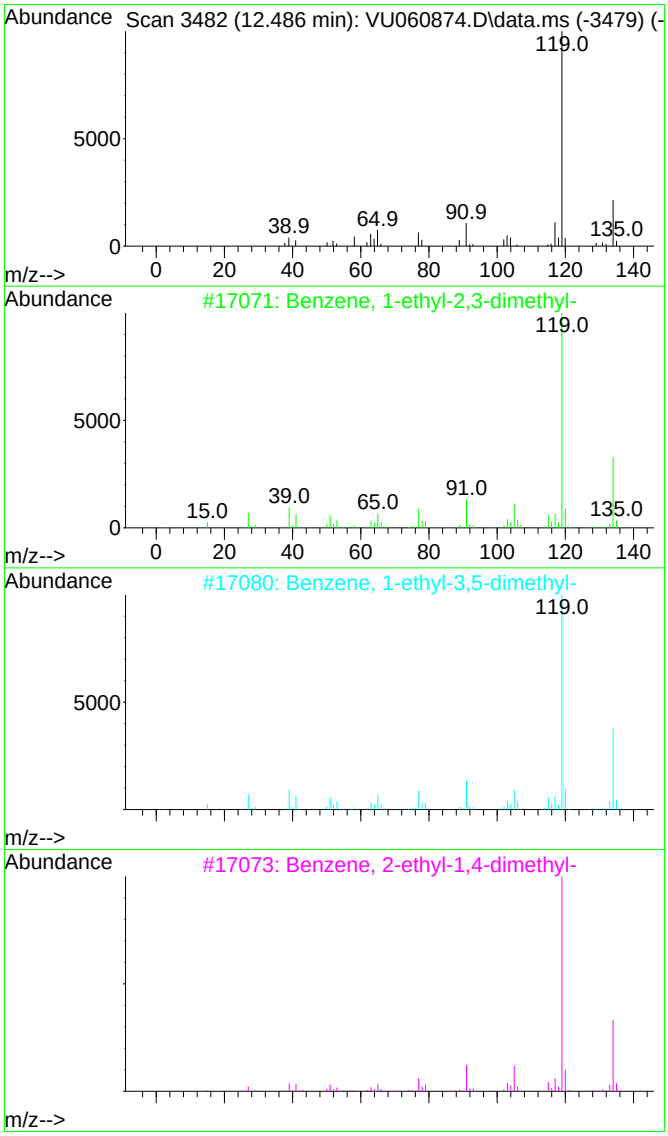
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

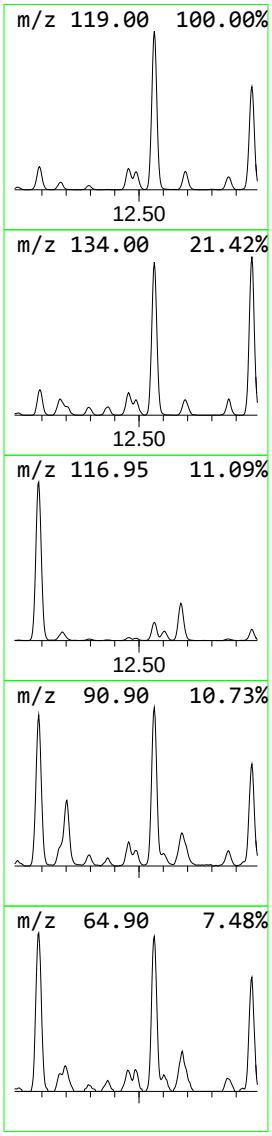
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	0.73 ug/L	68505	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	o-Cymene	134	C10H14	000527-84-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

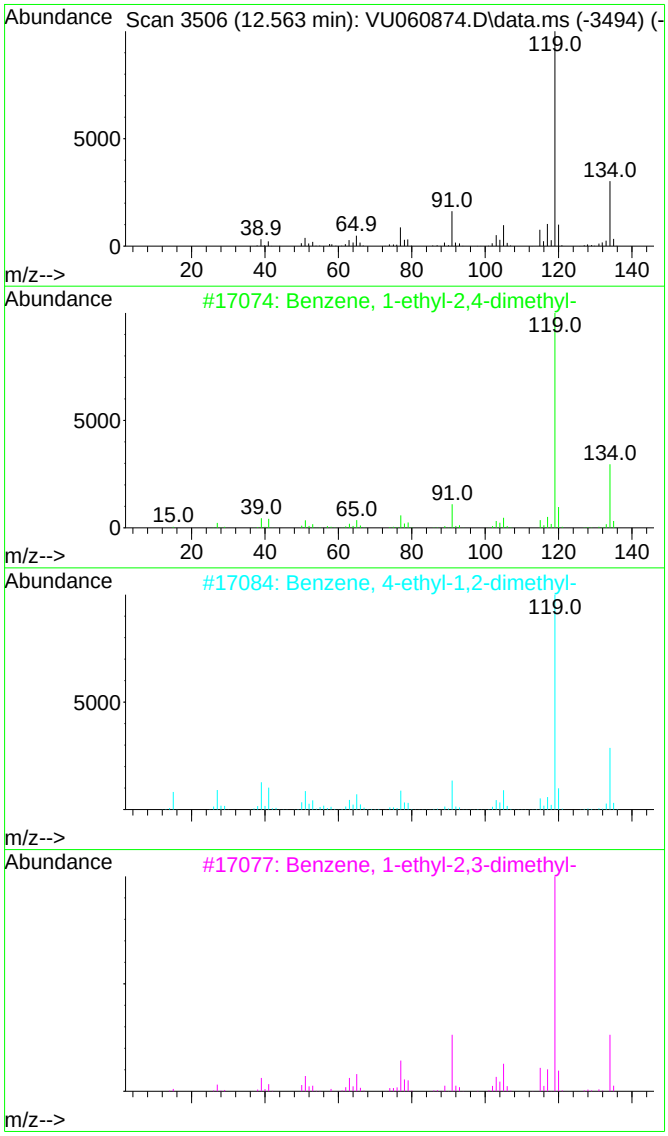
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

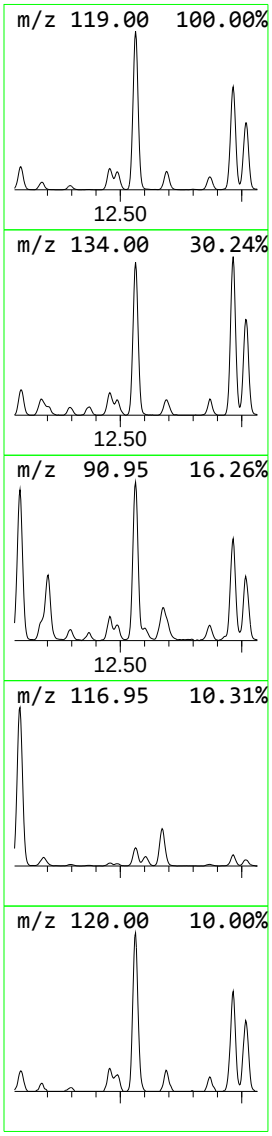
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	8.04 ug/L	749639	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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

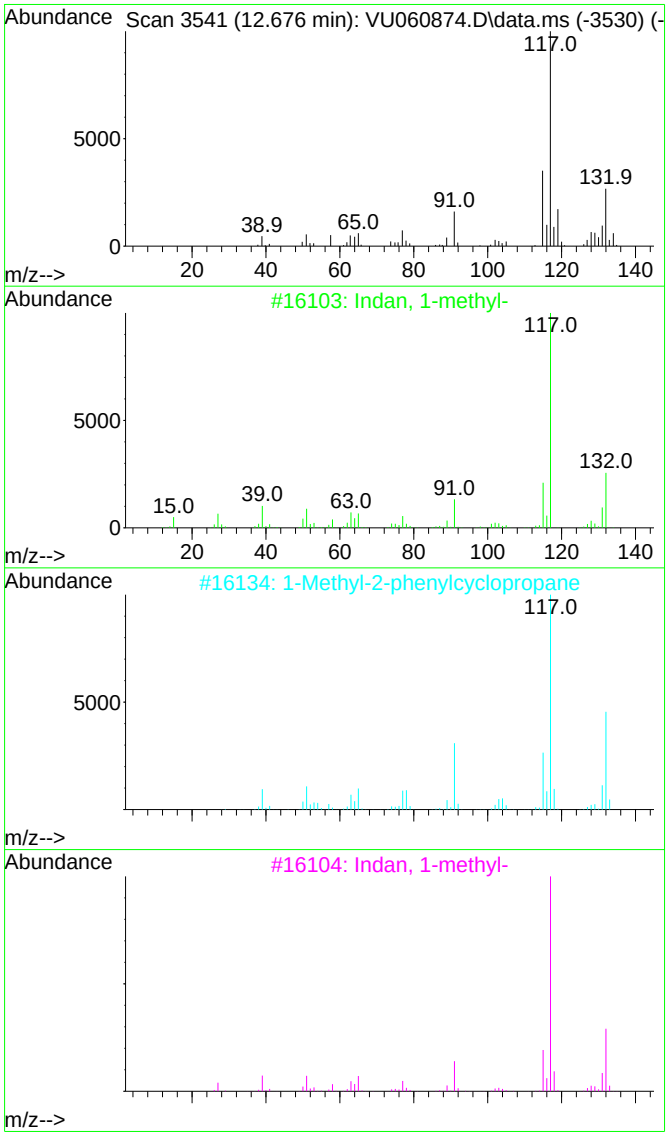
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

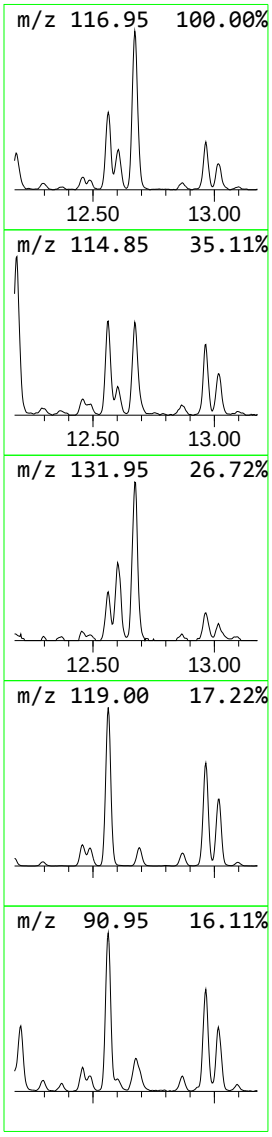
****

Peak Number 14 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	2.93 ug/L	273614	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

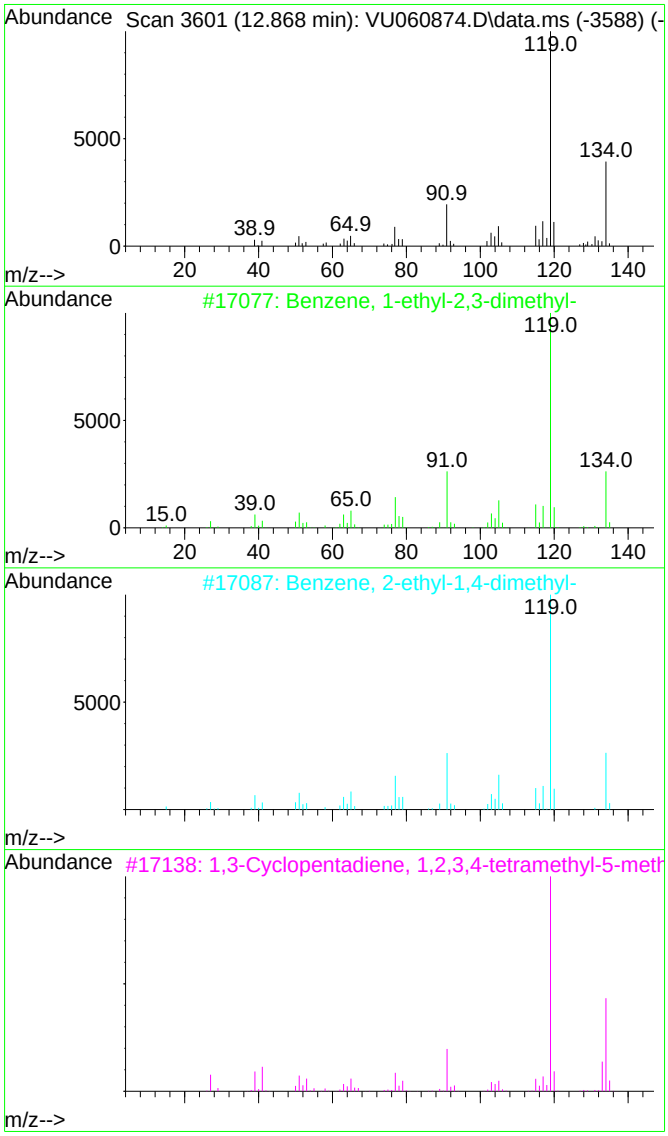
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

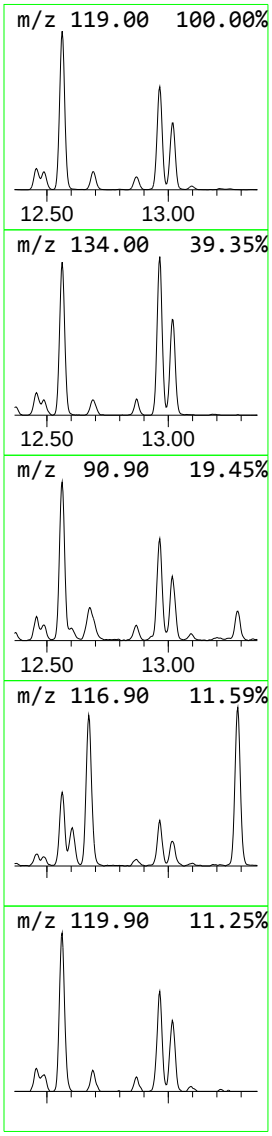
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	0.80 ug/L	74527	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

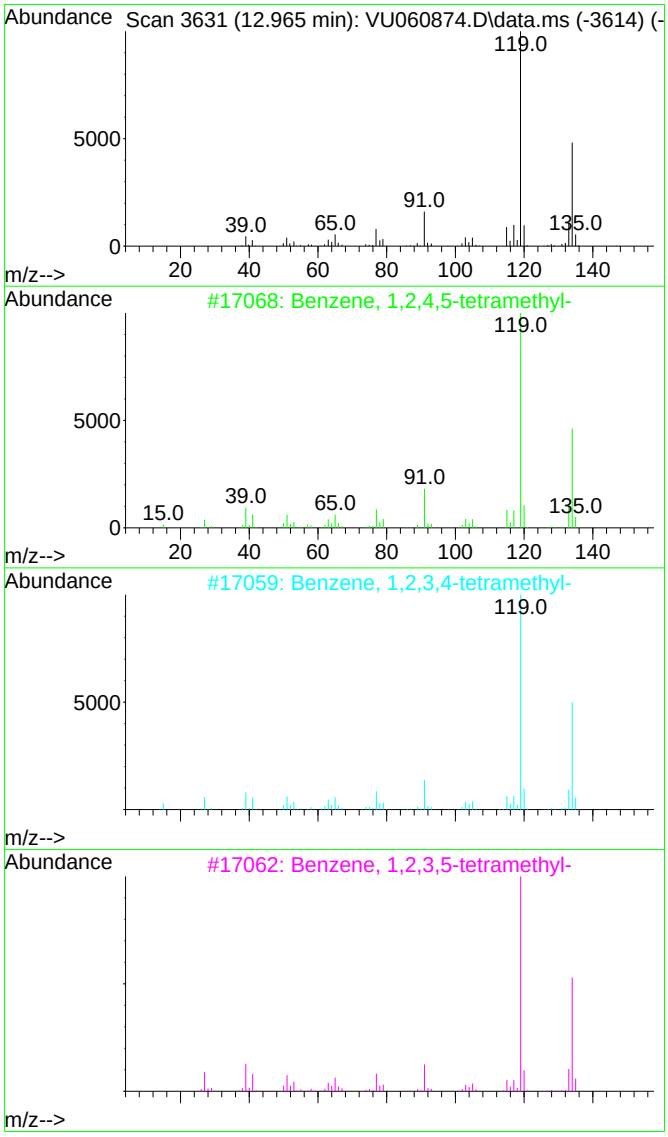
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

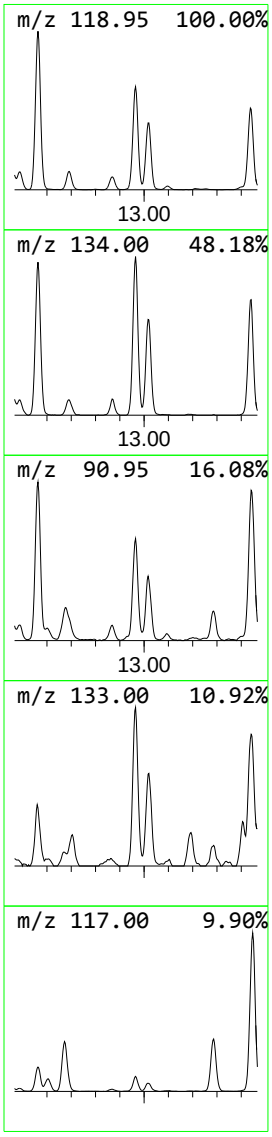
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	5.74 ug/L	535306	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

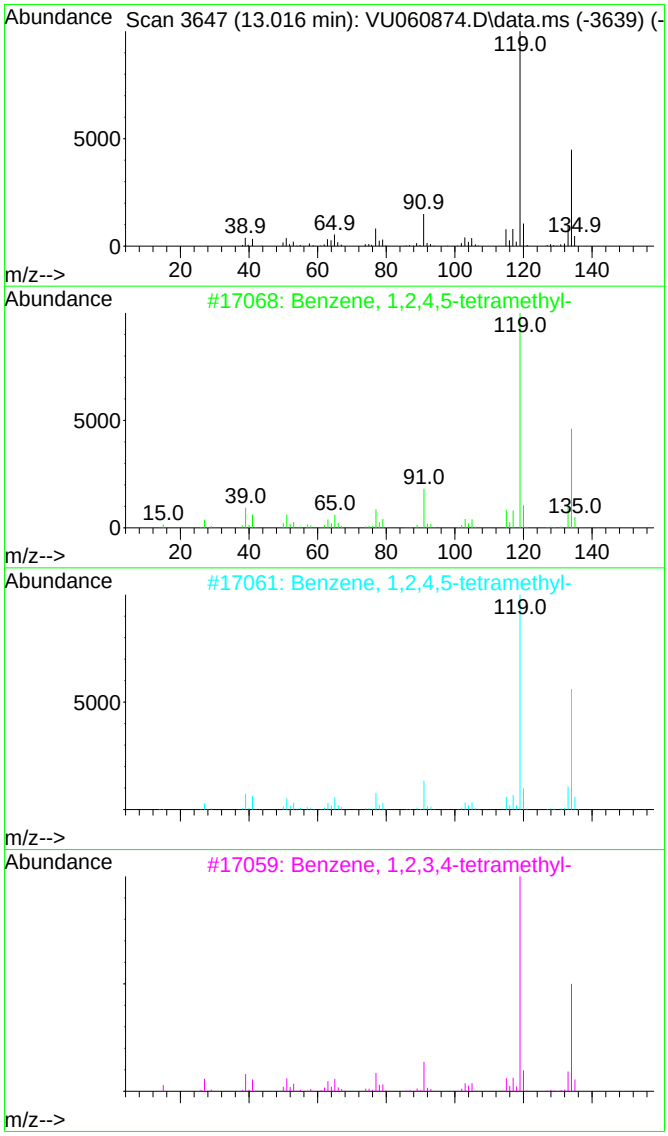
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

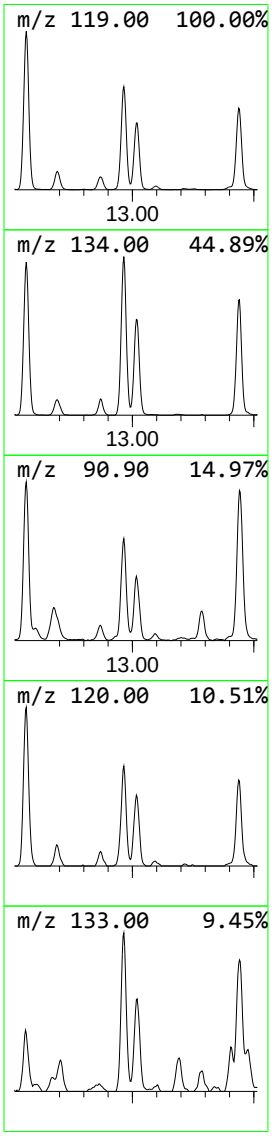
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	3.77 ug/L	351840	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

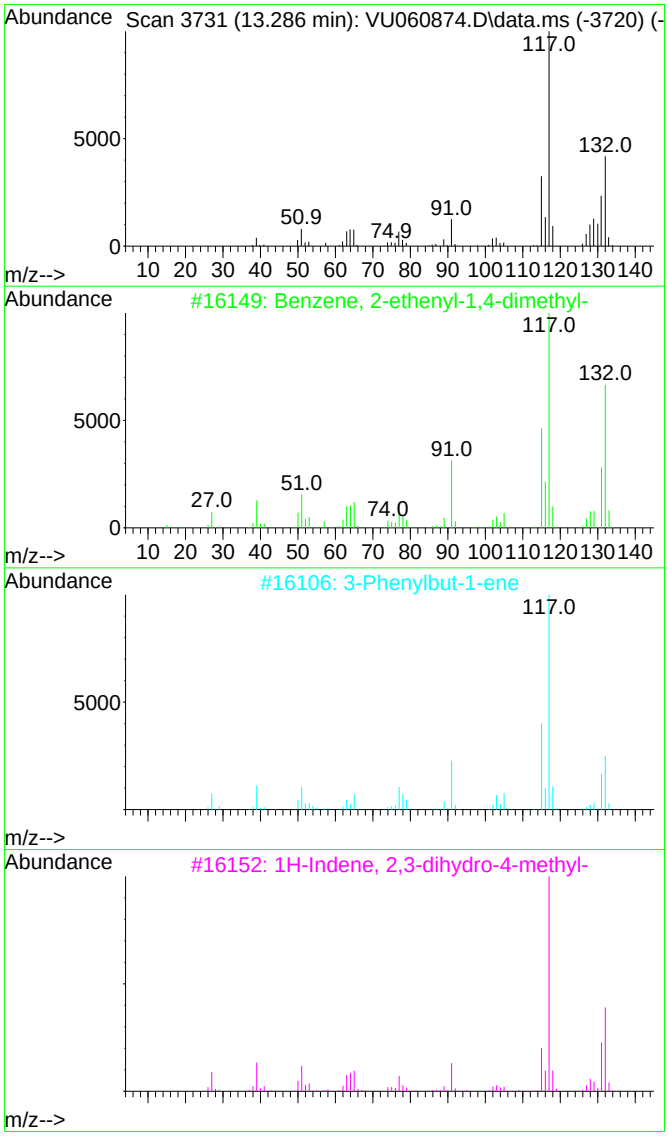
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

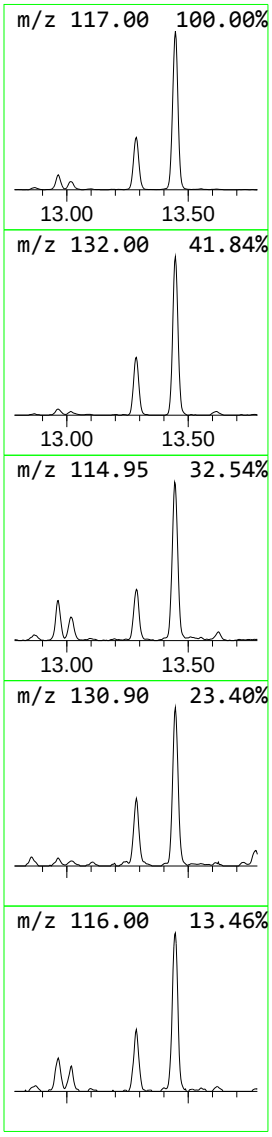
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.49 ug/L	232082	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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

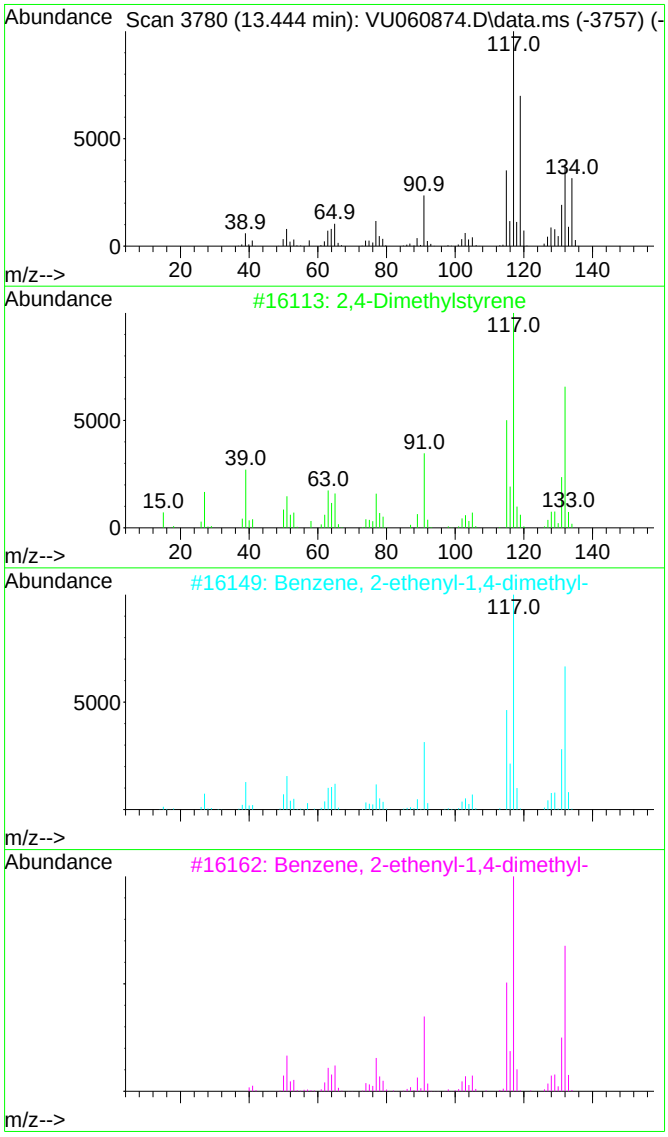
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

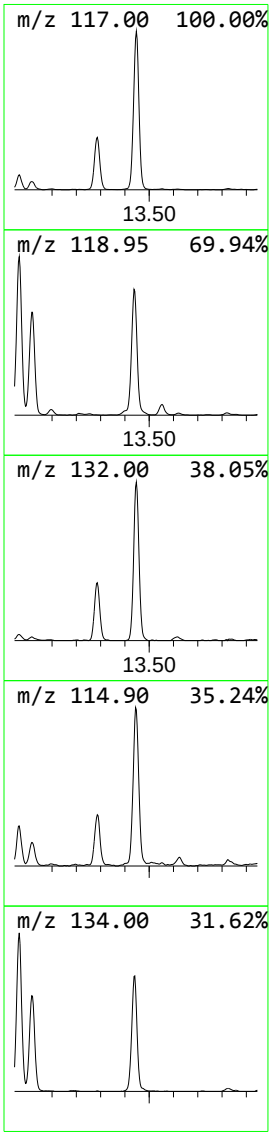
****

Peak Number 19 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	11.47 ug/L	1069820	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

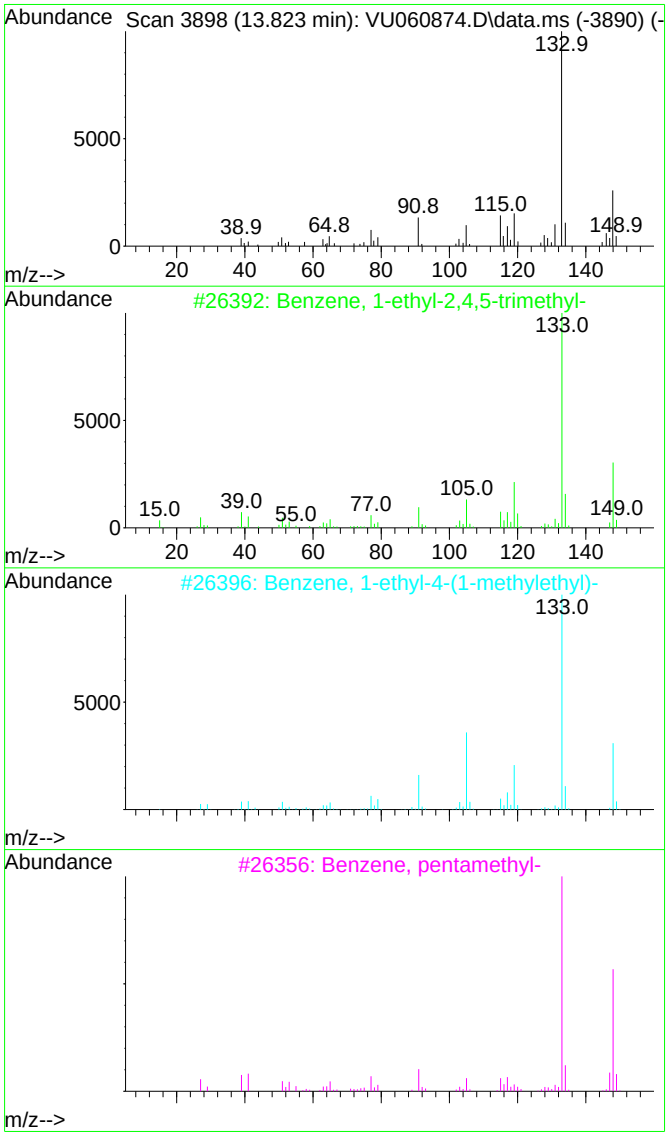
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

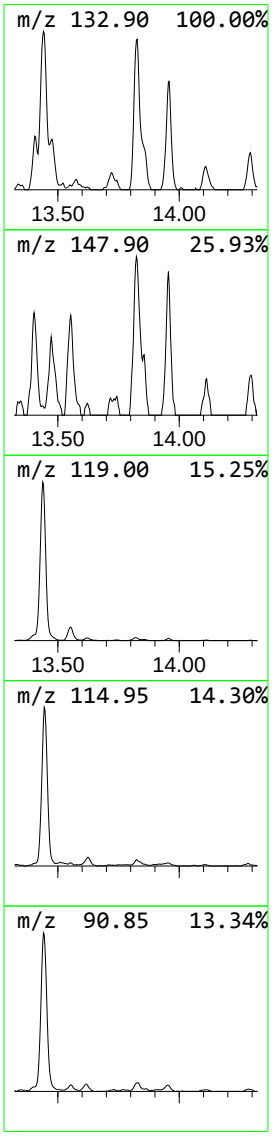
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.823	0.66 ug/L	61927	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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

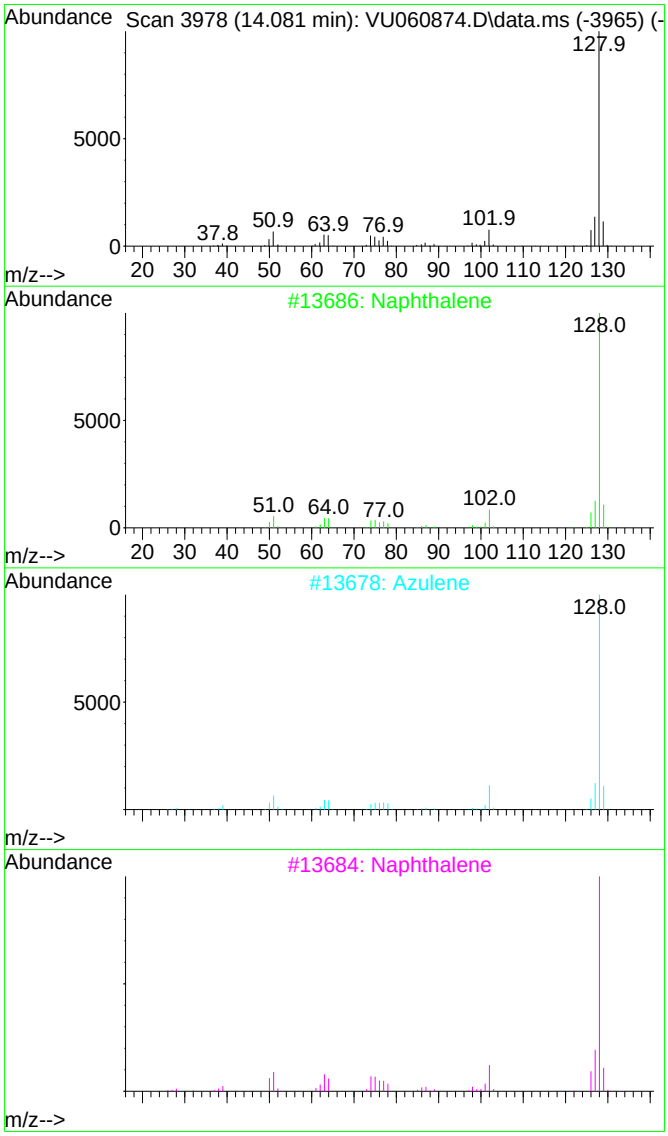
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

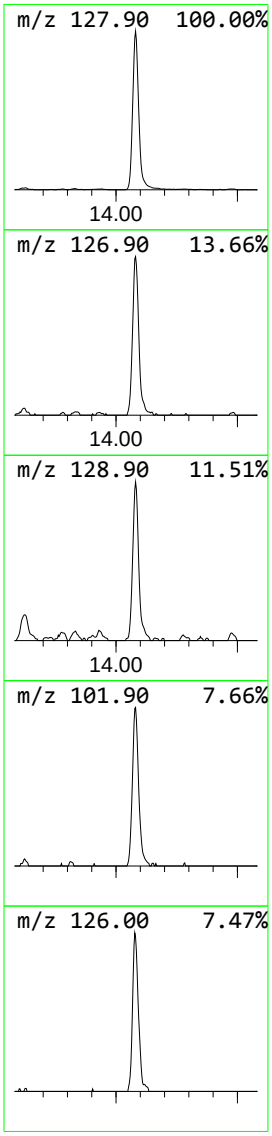
****

Peak Number 21 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	3.32 ug/L	309381	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060874.D
Acq On : 18 Sep 2024 16:48
Operator : MD/SY
Sample : P3973-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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...	4.525	1.5	ug/L	111882	1	6.242	362117	5.0
(DEL) Alkane: S...	5.457	0.6	ug/L	40677	1	6.242	362117	5.0
(DEL) Alkane: C...	5.843	1.0	ug/L	73823	1	6.242	362117	5.0
(DEL) Alkane: C...	5.914	0.9	ug/L	65361	1	6.242	362117	5.0
(DEL) Alkane: C...	5.981	1.2	ug/L	84875	1	6.242	362117	5.0
Benzene, propyl-	10.897	18.3	ug/L	1707880	3	11.804	466249	5.0
Benzene, 1,2,3-...	11.888	4.4	ug/L	409788	3	11.804	466249	5.0
Indane	12.087	9.9	ug/L	925008	3	11.804	466249	5.0
Benzene, 1-meth...	12.370	0.5	ug/L	47947	3	11.804	466249	5.0
Benzene, 2-ethy...	12.457	1.2	ug/L	111623	3	11.804	466249	5.0
Benzene, 1-ethy...	12.486	0.7	ug/L	68505	3	11.804	466249	5.0
Benzene, 1-ethy...	12.563	8.0	ug/L	749639	3	11.804	466249	5.0
Indan, 1-methyl-	12.676	2.9	ug/L	273614	3	11.804	466249	5.0
1,3-Cyclopentad...	12.868	0.8	ug/L	74527	3	11.804	466249	5.0
Benzene, 1,2,4,...	12.965	5.7	ug/L	535306	3	11.804	466249	5.0
Benzene, 1,2,3,...	13.016	3.8	ug/L	351840	3	11.804	466249	5.0
Benzene, 2-ethe...	13.286	2.5	ug/L	232082	3	11.804	466249	5.0
2,4-Dimethylsty...	13.444	11.5	ug/L	1069820	3	11.804	466249	5.0
Benzene, 1-ethy...	13.823	0.7	ug/L	61927	3	11.804	466249	5.0
Azulene	14.081	3.3	ug/L	309381	3	11.804	466249	5.0