LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

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\SFAMUTR051521WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU043776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	53	83	96	rBV2	581461	811631	4.25%	0.753%
2	2.575	369	384	404	rBV2	211456	430170	2.25%	0.399%
3	3.054	515	533	535	rBV	833314	1375698	7.21%	1.276%
4	3.092	536	545	589	rVB	2697065	5648798	29.61%	5.238%
5	3.372	610	632	660	rBV	7360319	16376391	85.83%	15.185%
6	3.710	718	737	762	rBV	4822588	10621920	55.67%	9.849%
7	3.880	767	790	813	rVV	354380	1143167	5.99%	1.060%
8	3.990	814	824	841	rVB3	132585	312742	1.64%	0.290%
9	4.099	842	858	873	rBV	119135	305722	1.60%	0.283%
10	4.308	903	923	949	rVV4	275747	1133204	5.94%	1.051%
11	4.443	951	965	978	rVV	242513	606283	3.18%	0.562%
12	4.543	978	996	1014	rVV	7914135	19079070	100.00%	17.691%
13	4.674	1014	1037	1068	rVB2	1048646	2857743	14.98%	2.650%
14	5.073	1147	1161	1175	rBV2	144201	319531	1.67%	0.296%
15	5.327	1221	1240	1251	rBV	1009097	2265475	11.87%	2.101%
16	5.398	1251	1262	1278	rVB	862771	1911147	10.02%	1.772%
17	5.735	1345	1367	1393	rVB2	313815	815228	4.27%	0.756%
18	6.256	1514	1529	1547	rBV	279345	527248	2.76%	0.489%
19	6.700	1653	1667	1682	rBV	186171	358941	1.88%	0.333%
20	7.906	2020	2042	2052	rBV	376100	645481	3.38%	0.599%
21	7.977	2052	2064	2080	rVV	3277911	5373137	28.16%	4.982%
22	8.642	2257	2271	2309	rBV	447999	824884	4.32%	0.765%
23	9.452	2500	2523	2549	rBV2	1144634	2519625	13.21%	2.336%
24	9.578	2549	2562	2579	rVV	765859	1226742	6.43%	1.138%
25	9.700	2586	2600	2634	rVB	1323829	2176288	11.41%	2.018%
26	10.105	2711	2726	2750	rBV	651893	1034981	5.42%	0.960%
27	10.491	2833	2846	2864	rBV	280722	435251	2.28%	0.404%
28	10.764	2919	2931	2942	rBV	144482	231033	1.21%	0.214%
29	10.912	2960	2977	2992	rBV	857766	1292631	6.78%	1.199%
30	11.005	2992	3006	3011	rBV	1750677	2987141	15.66%	2.770%
31	11.092	3024	3033	3055	rVB	966671	1490163	7.81%	1.382%
32	11.237	3064	3078	3088	rBV	3081675	4668946	24.47%	4.329%
33	11.298	3088	3097	3116	rVB	1432557	2244357	11.76%	2.081%
34	11.475	3138	3152	3168	rBV	4400965	6528633	34.22%	6.054%
35	11.565	3168	3180	3191	rBV	294023	467964	2.45%	0.434%
36	11.751	3226	3238	3248	rBV	305593	478459	2.51%	0.444%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

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\SFAMUTR051521WMA.M
Title : TRACE VOA SFAM1.0

37	11.819	3248	3259	3262	rBV	501257	738480	3.87%	0.685%
38	11.899	3275	3284	3298	rVB	957593	1477904	7.75%	1.370%
39	12.102	3333	3347	3365	rBV	752820	1254895	6.58%	1.164%
40	12.198	3365	3377	3399	rVB6	536595	1155185	6.05%	1.071%
41	12.578	3483	3495	3504	rBV	192539	285809	1.50%	0.265%
42	13.031	3627	3636	3649	rVB	198291	307907	1.61%	0.286%
43	13.459	3758	3769	3783	rVB3	202035	347710	1.82%	0.322%
44	13.844	3878	3889	3907	rBV2	133442	221876	1.16%	0.206%
45	14.092	3952	3966	3986	rBV	327554	529830	2.78%	0.491%

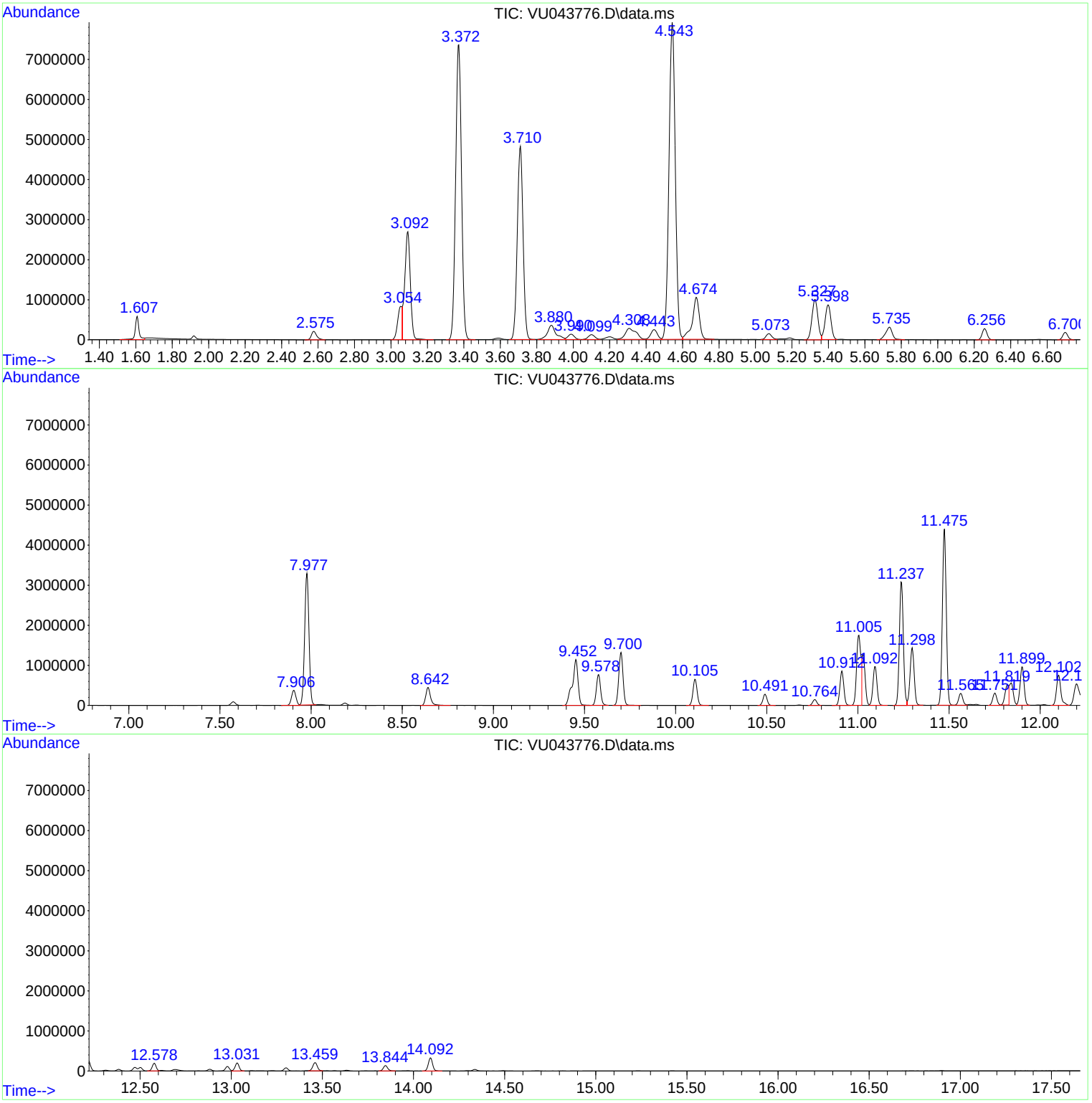
Sum of corrected areas: 107845421

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

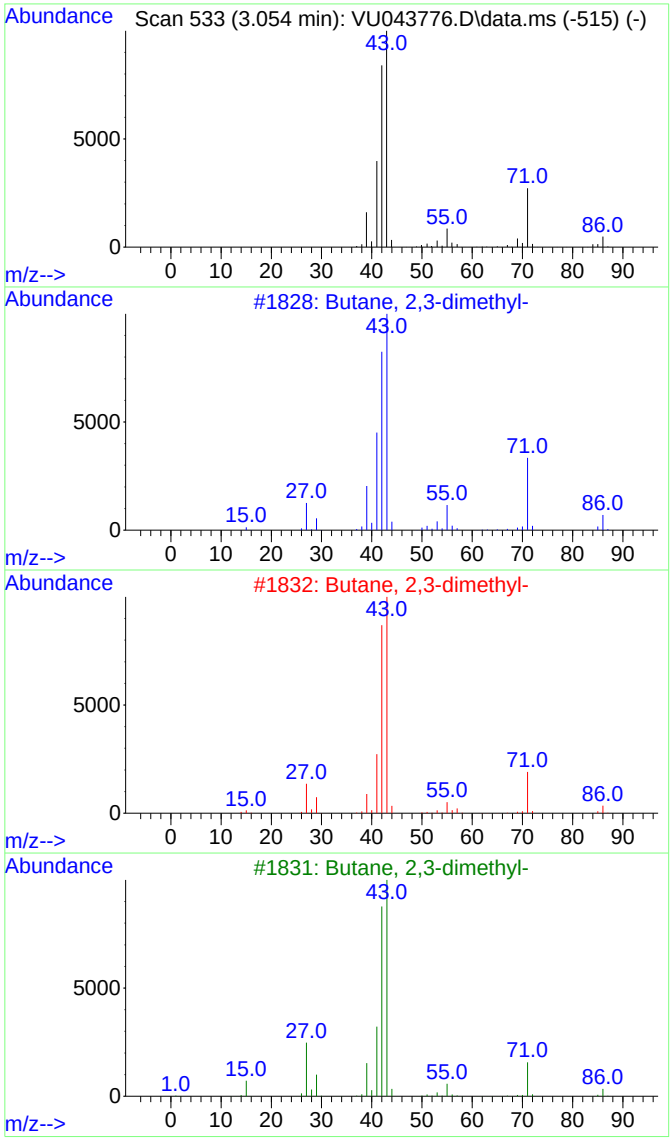
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

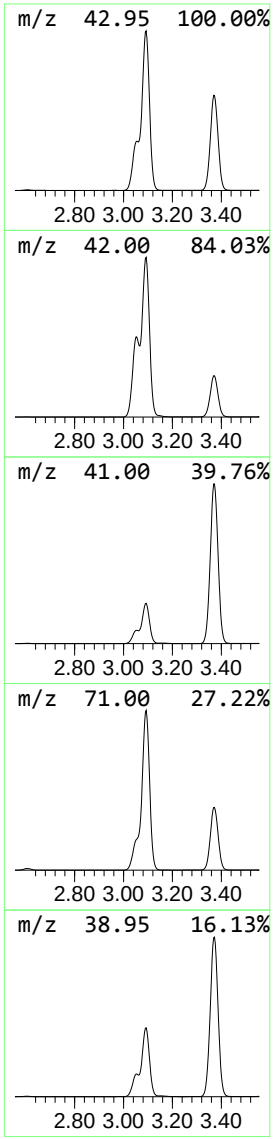
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.054	13.05 ug/L	1375700	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

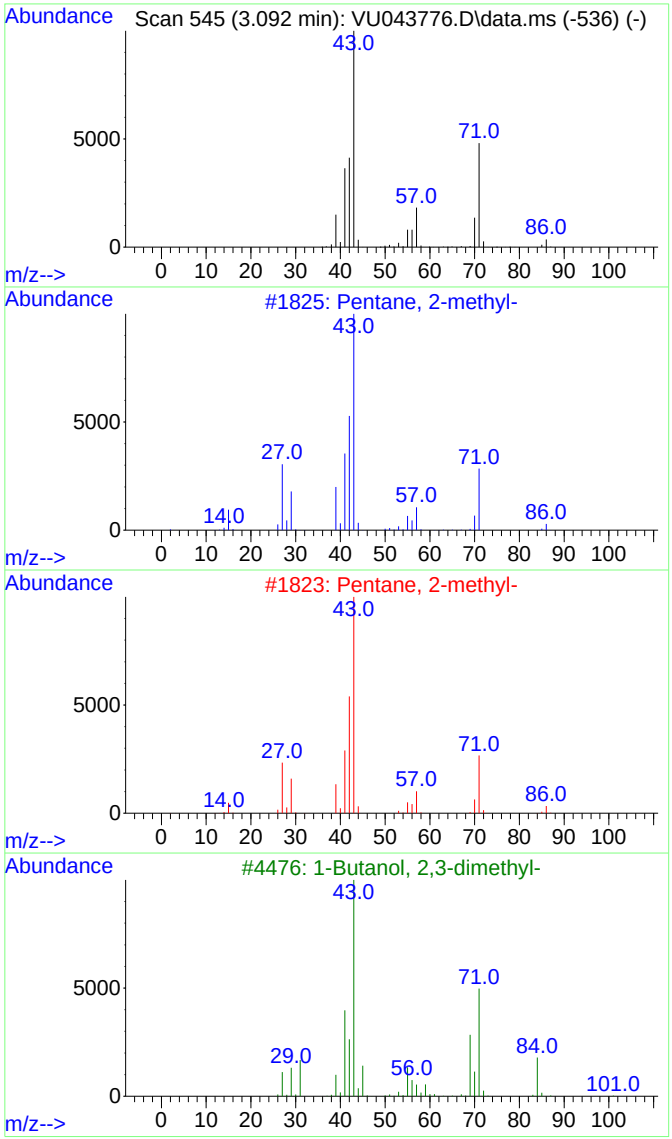
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

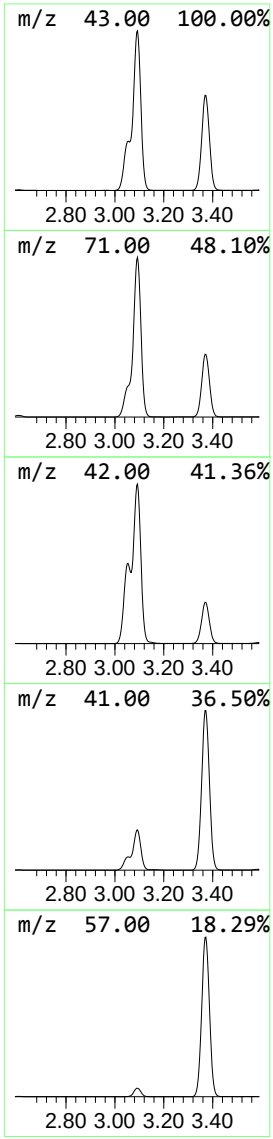
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.092	53.57 ug/L	5648800	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	42
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
4	Pentane	72	C5H12	000109-66-0	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

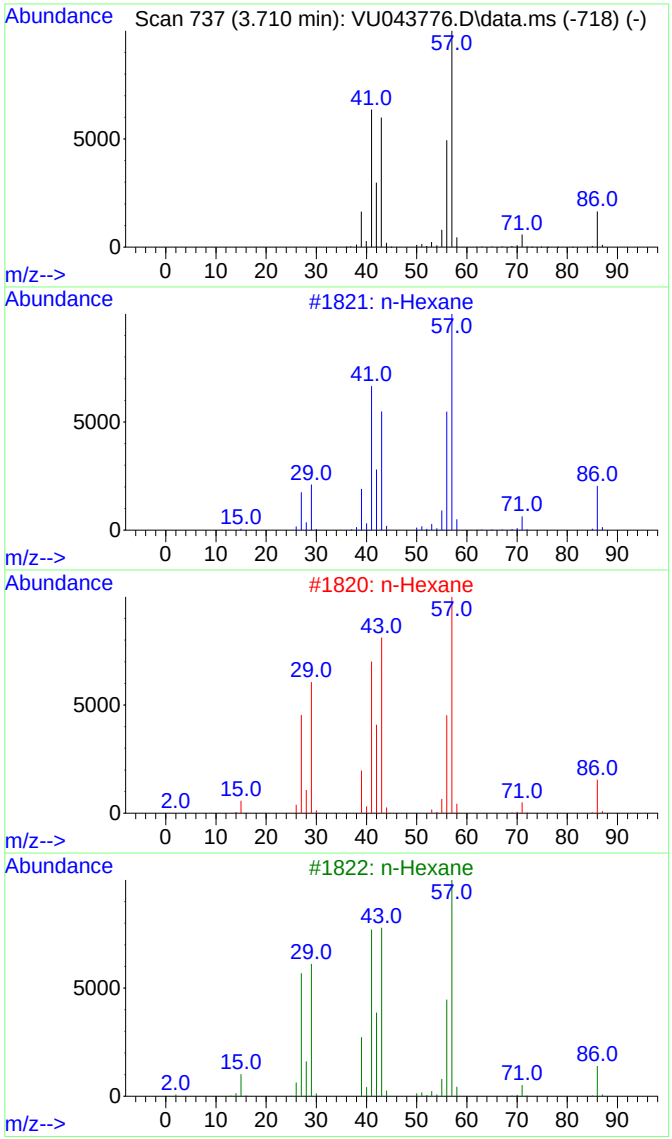
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

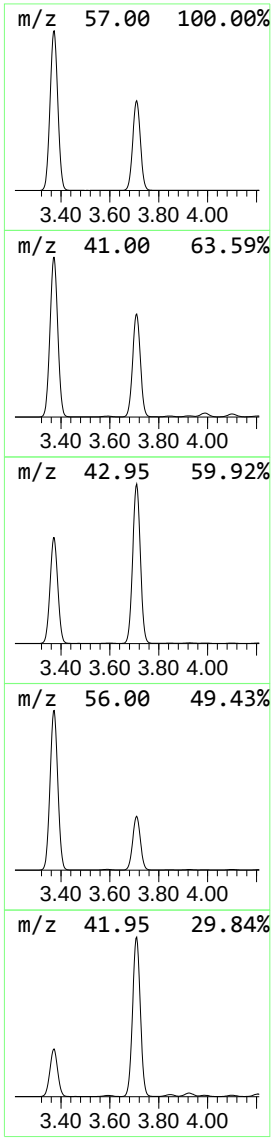
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.710	100.73 ug/L	10621900	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	83
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

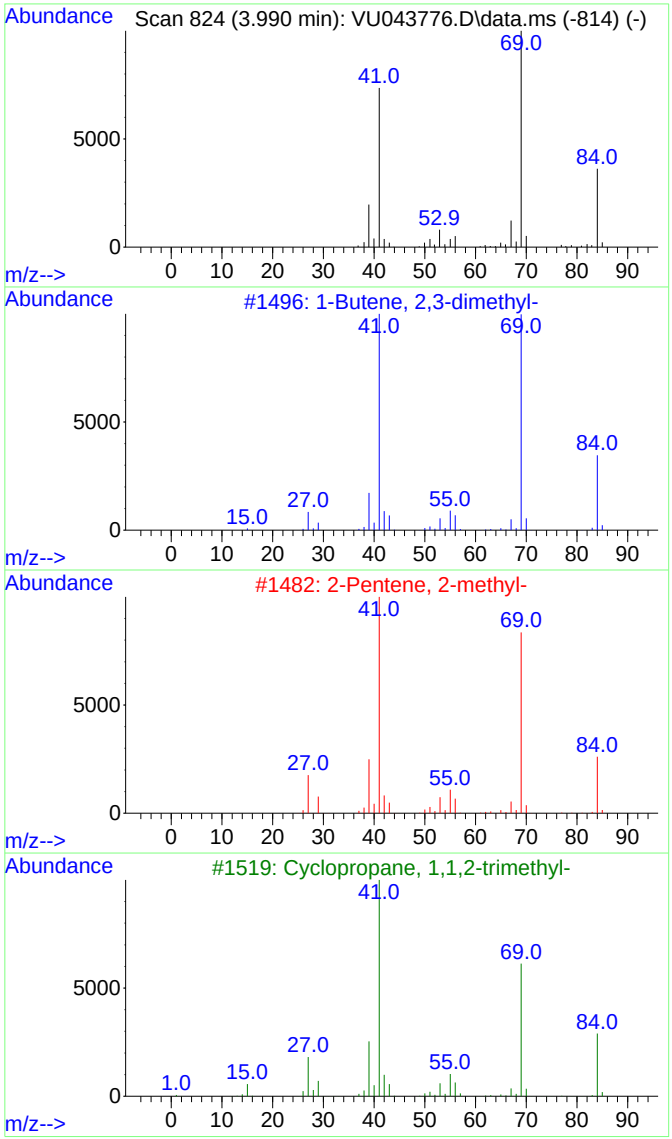
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

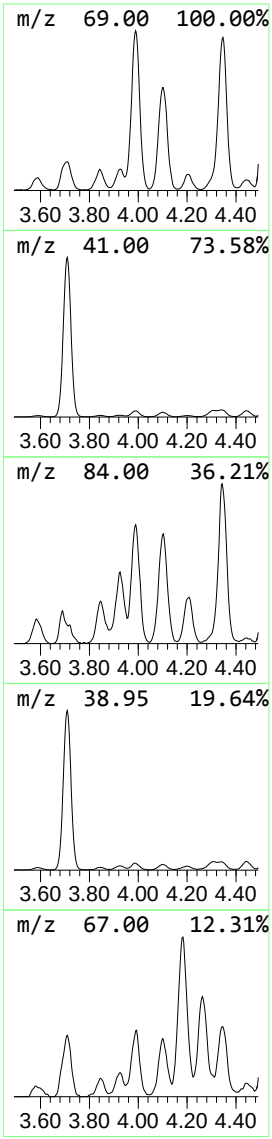
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	2.97 ug/L	312742	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	72
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	72
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

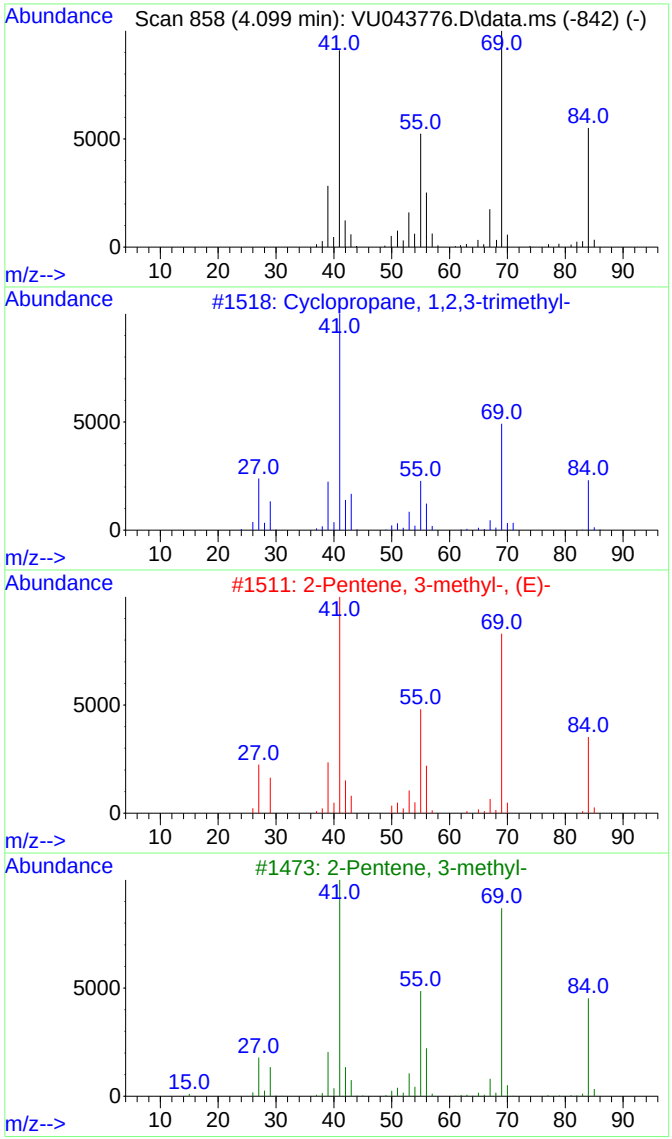
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

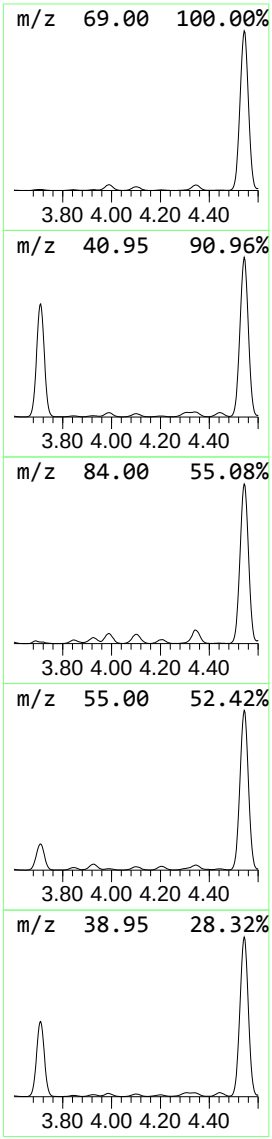
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.099 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.099	2.90 ug/L	305722	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

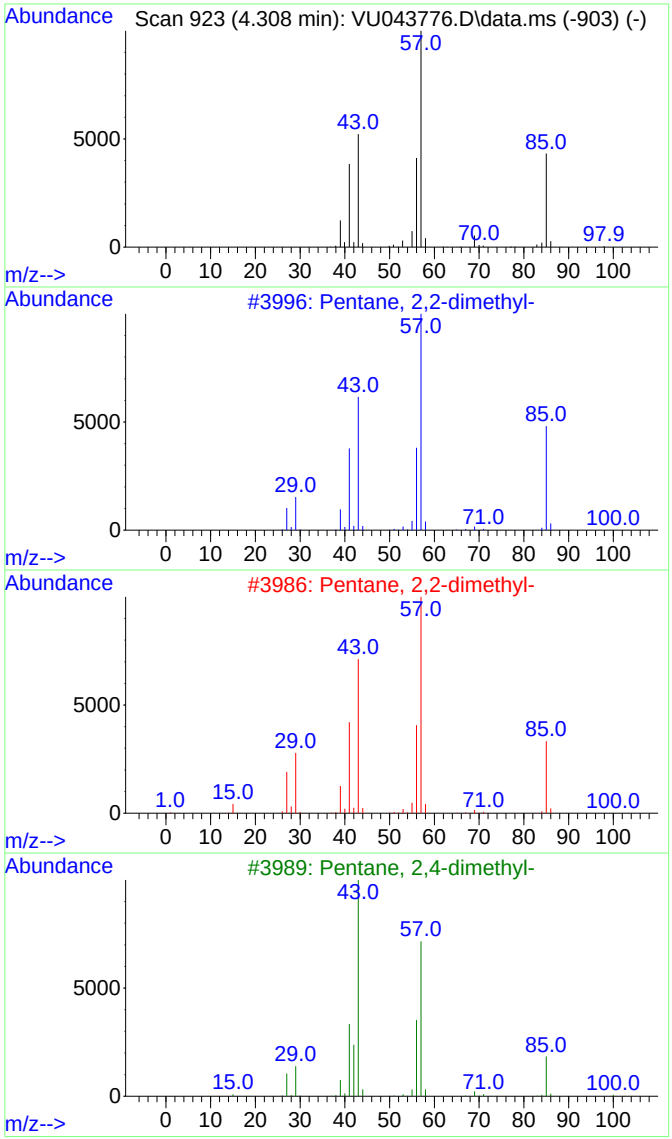
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

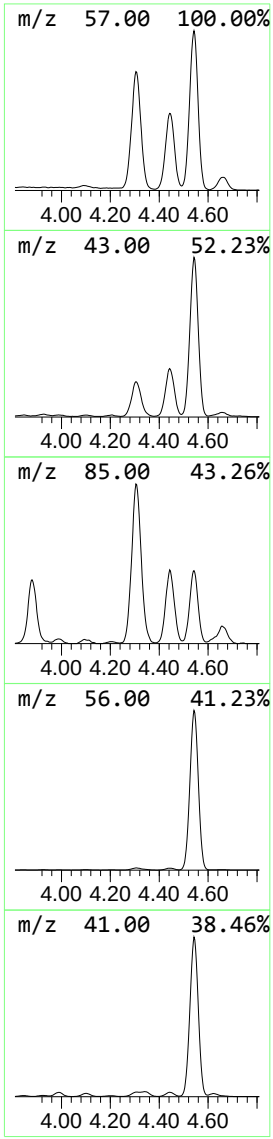
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.308	10.75 ug/L	1133200	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

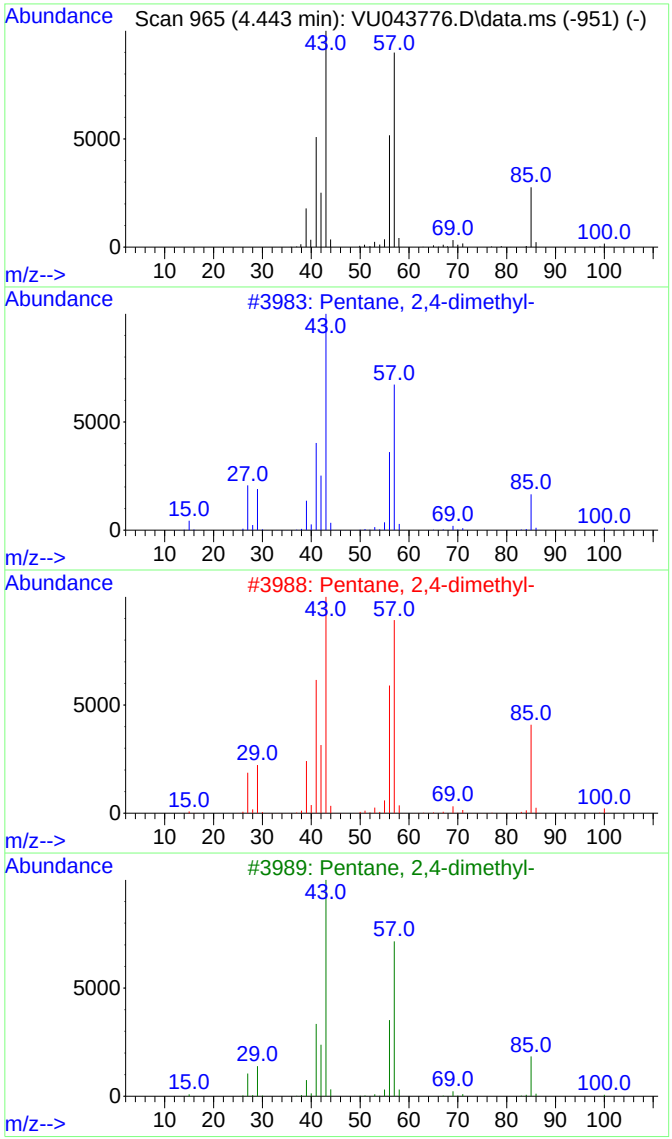
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

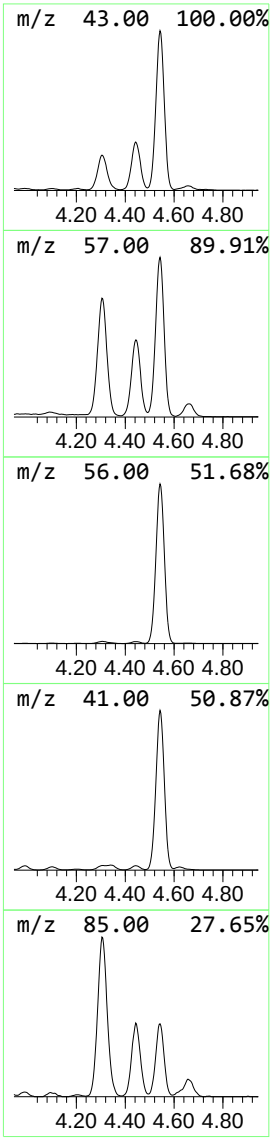
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.443	5.75 ug/L	606283	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

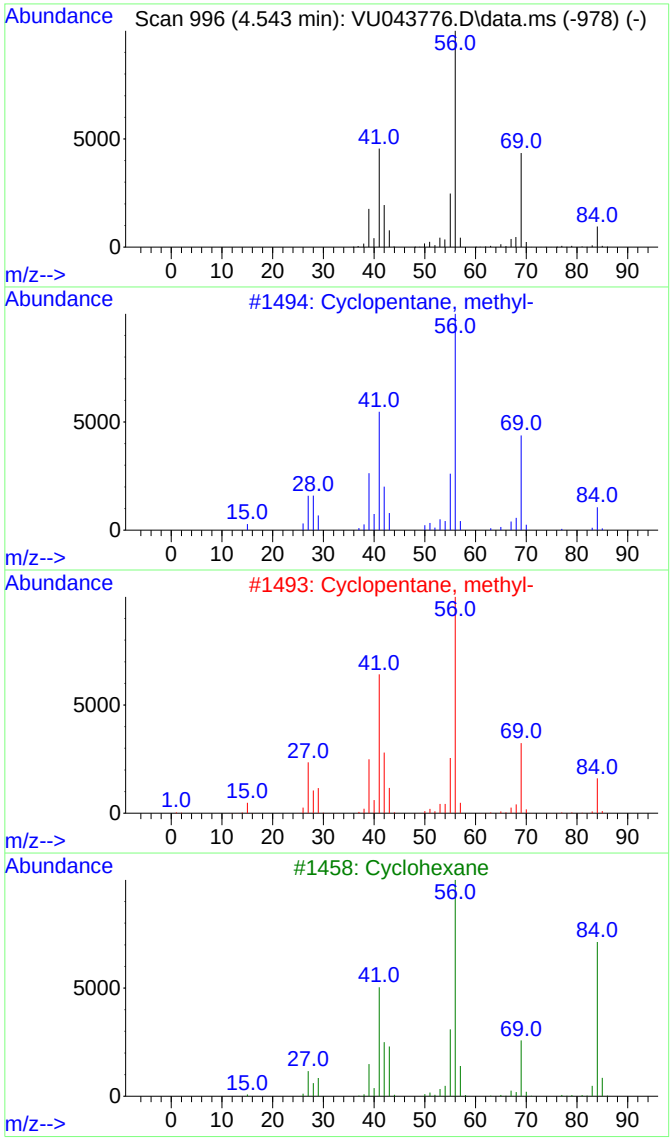
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

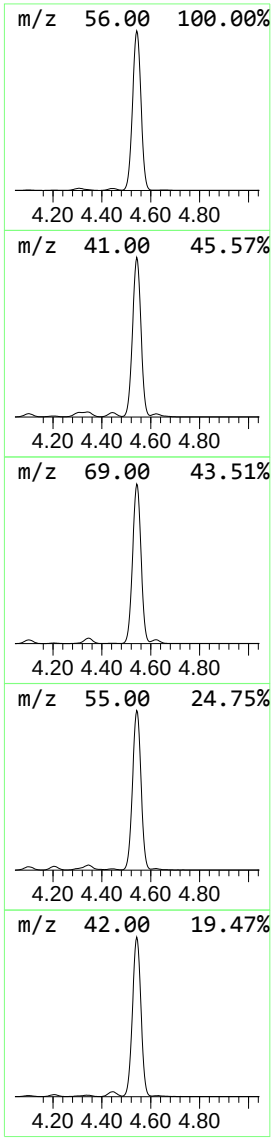
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.543 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.543	180.93 ug/L	19079100	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

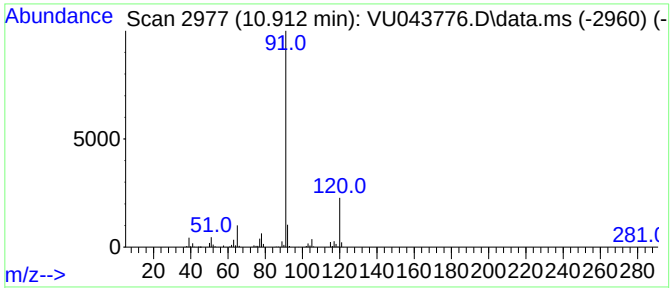
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

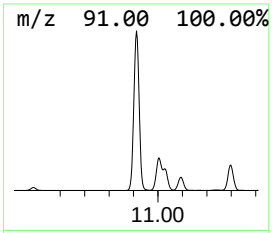
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

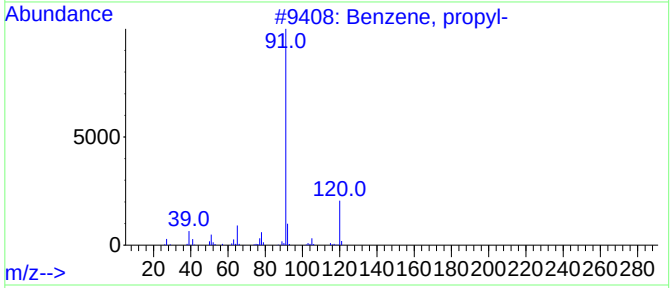
****
Peak Number 9 Benzene, propyl- Concentration Rank 10

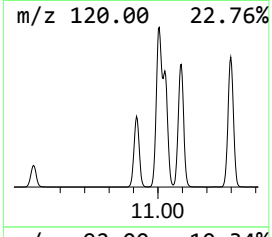
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	8.75 ug/L	1292630	1,4-Dichlorobenzene-d4	11.819

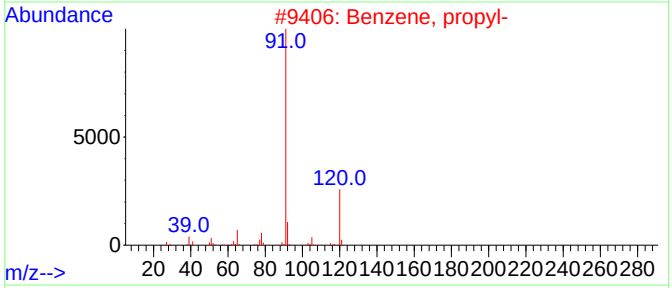
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72

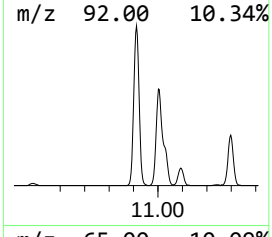


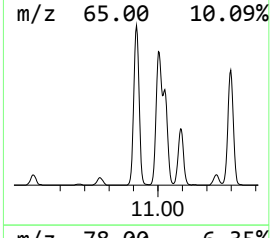


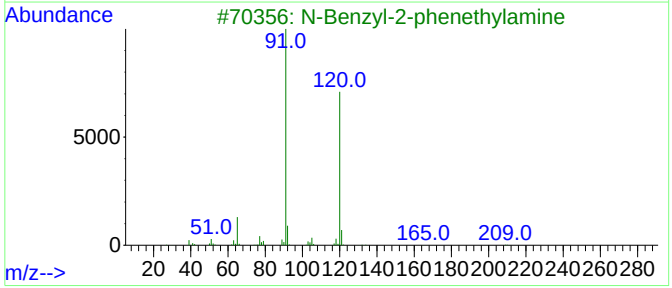


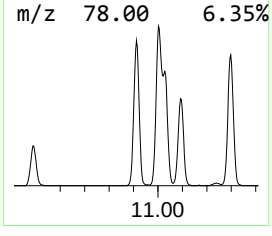












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

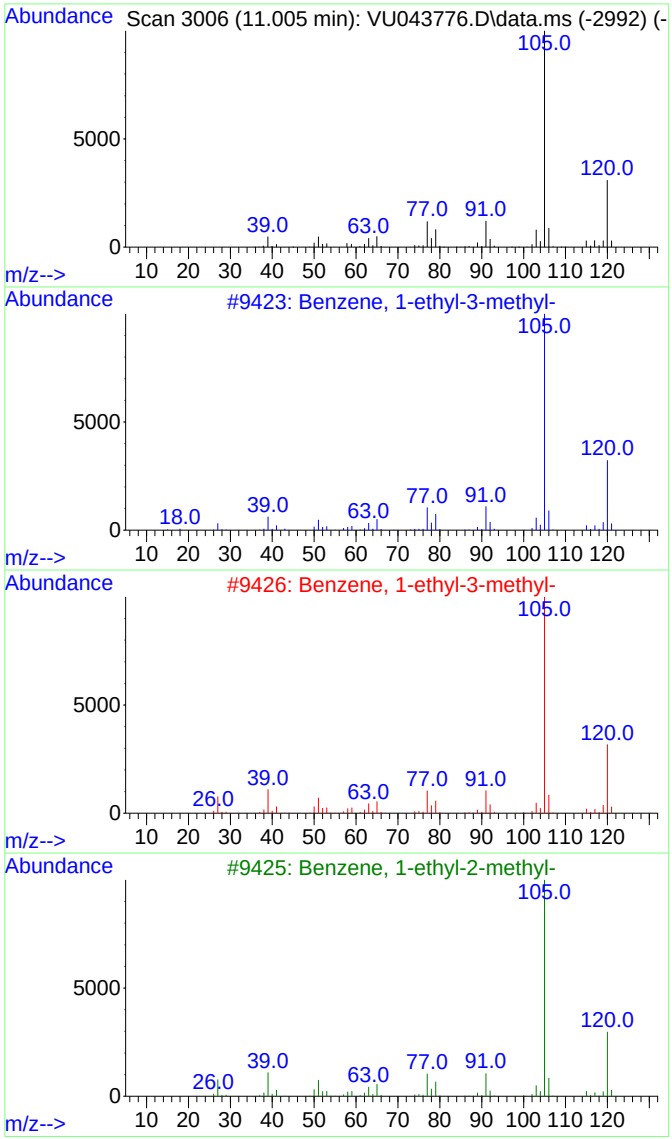
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

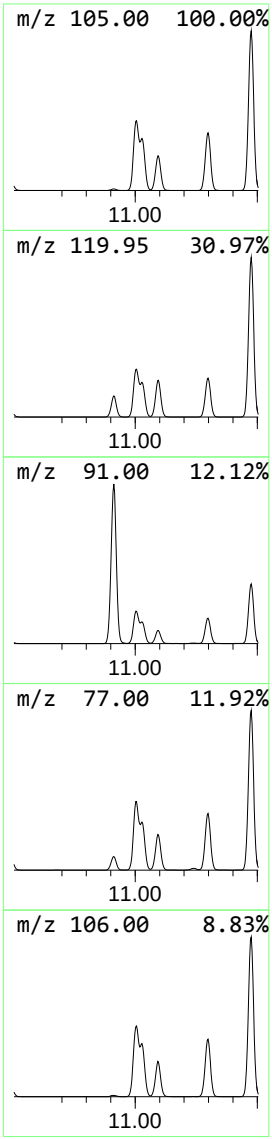
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	20.22 ug/L	2987140	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

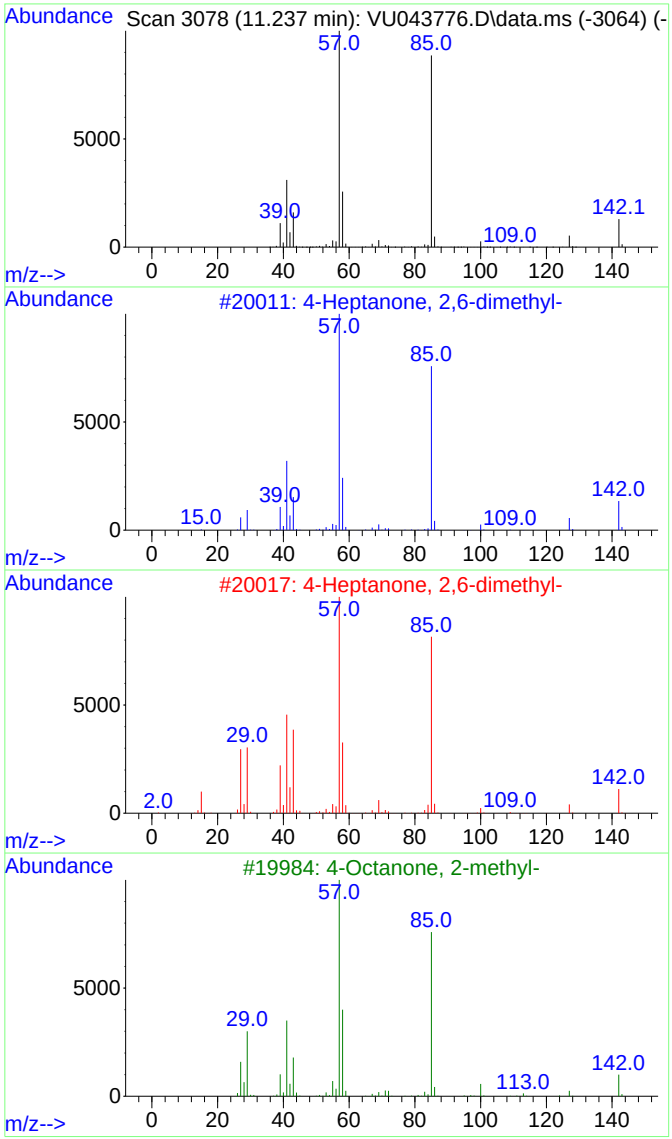
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

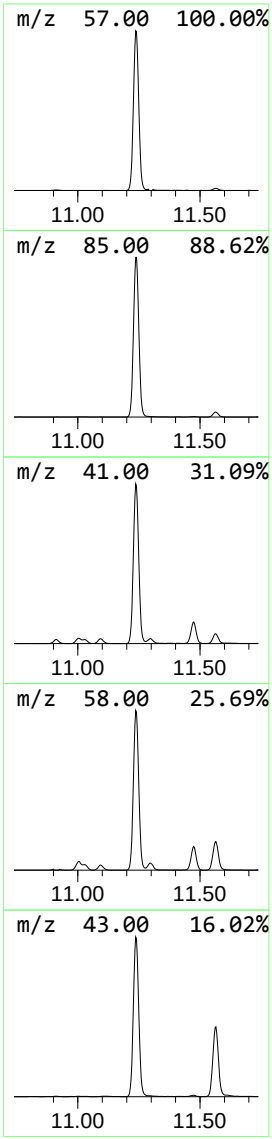
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.237	31.61 ug/L	4668950	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
5	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

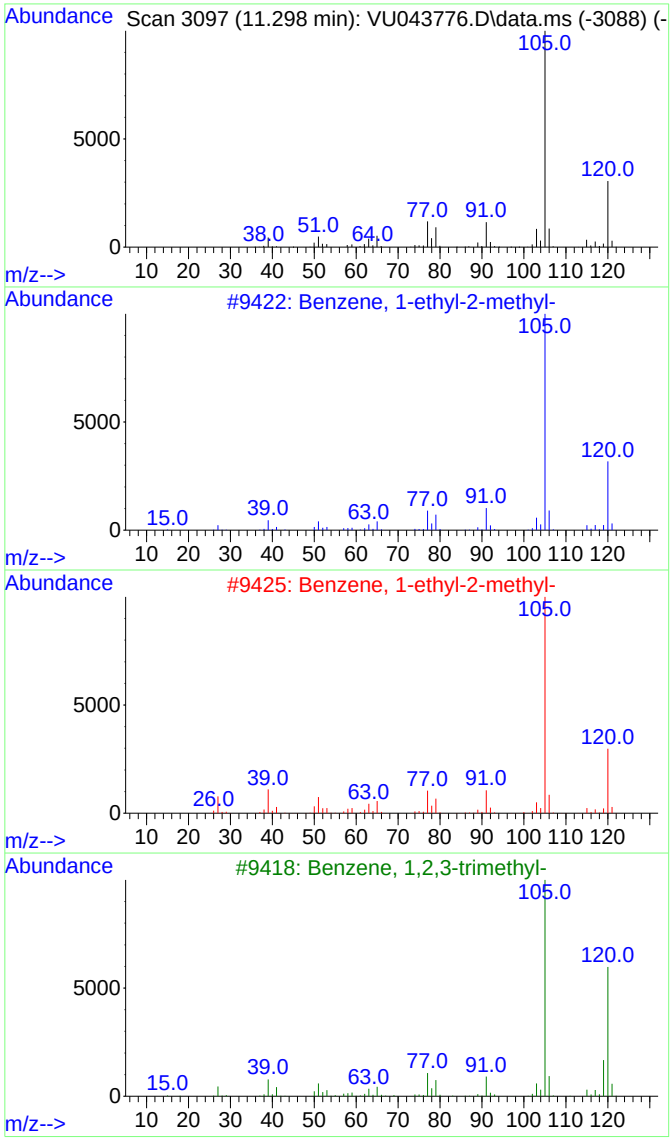
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

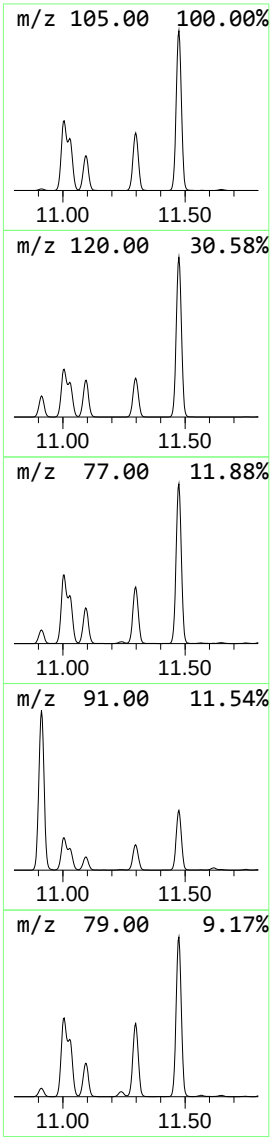
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	15.20 ug/L	2244360	1,4-Dichlorobenzene-d4	11.819

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

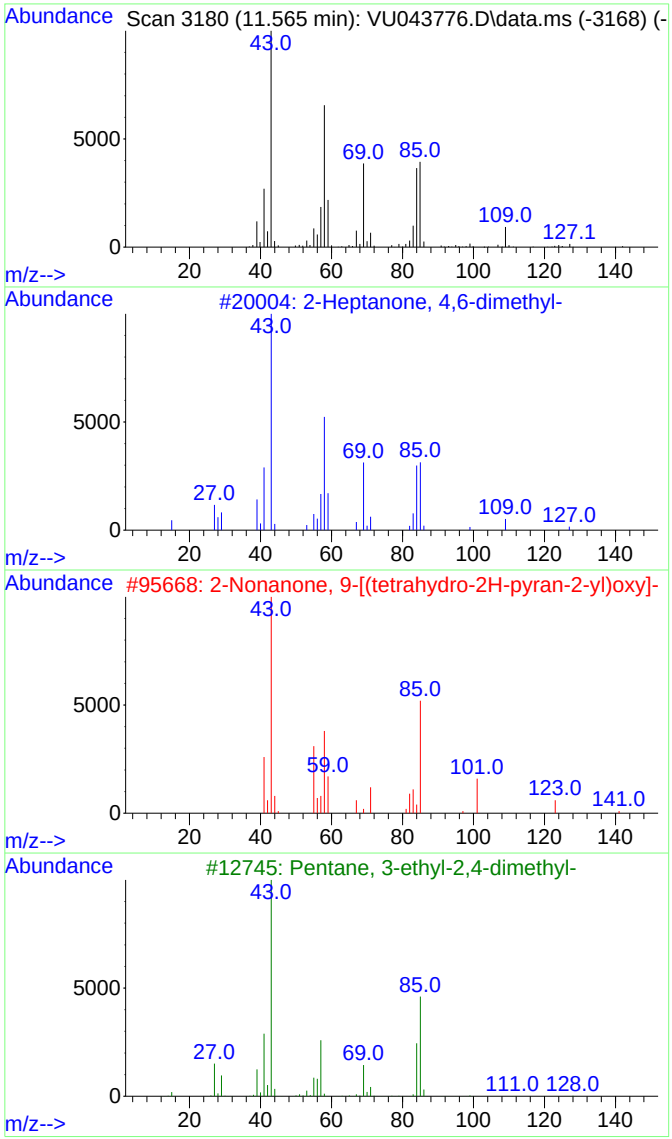
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

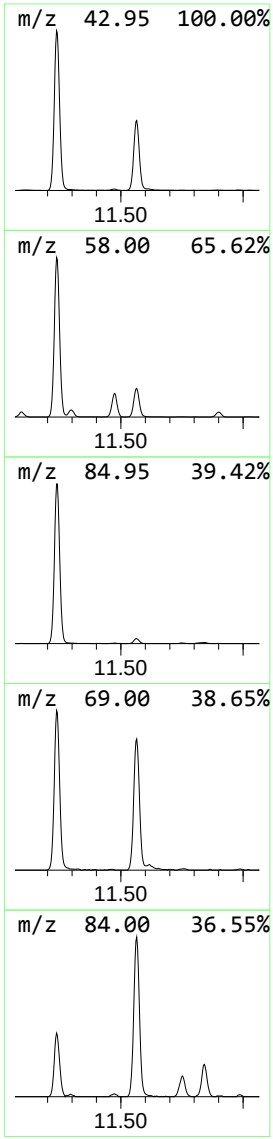
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Heptanone, 4,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.565	3.17 ug/L	467964	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	47
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

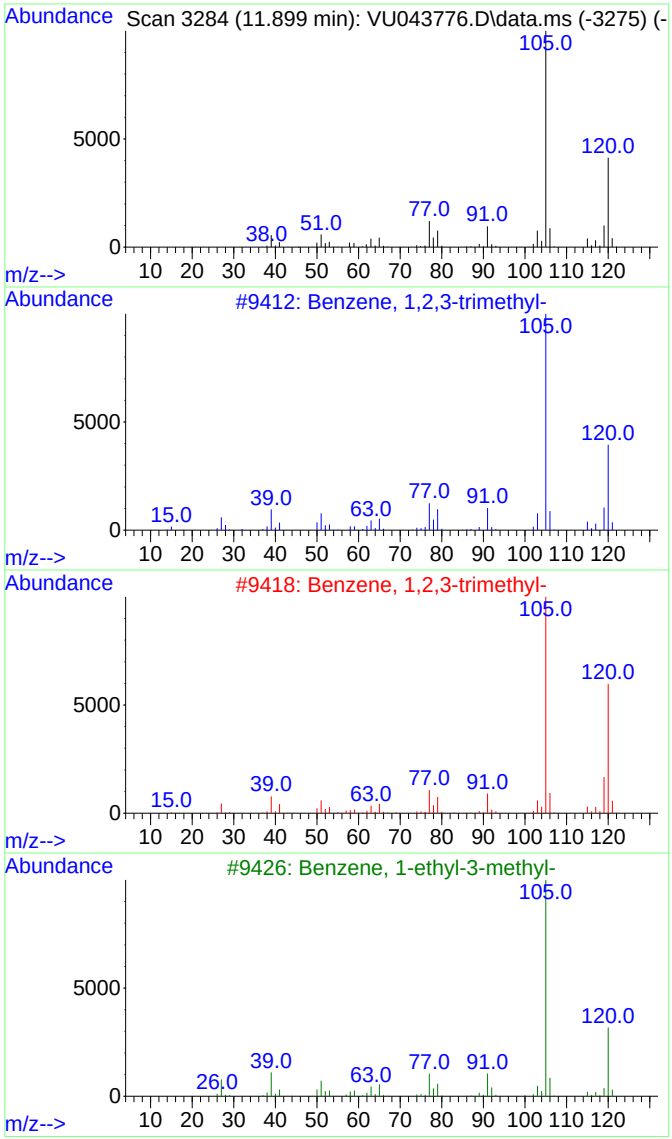
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

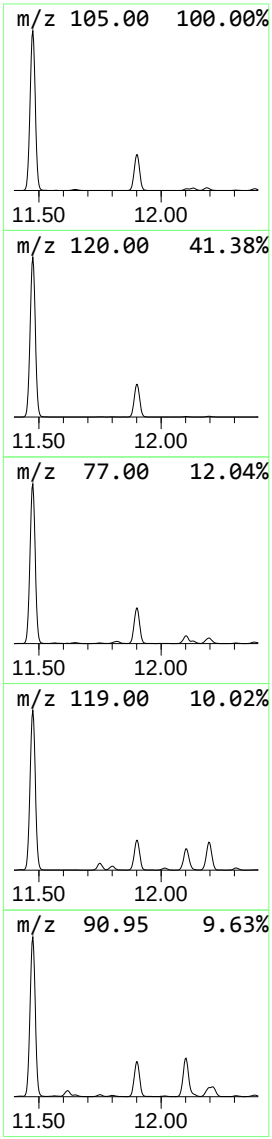
****

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	10.01 ug/L	1477900	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

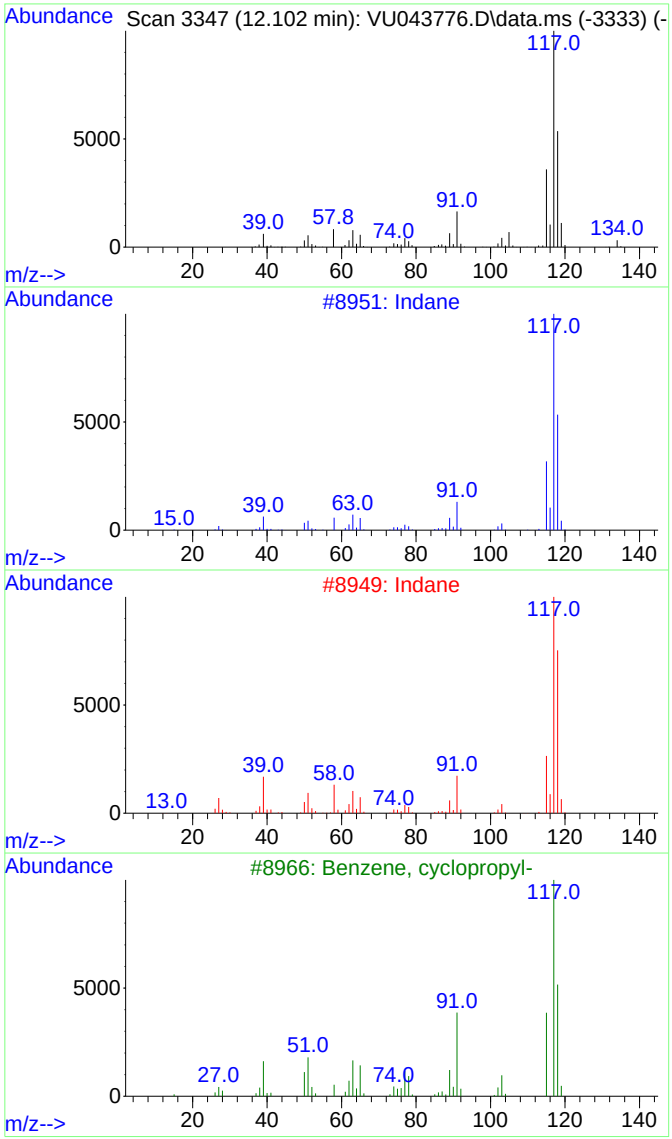
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

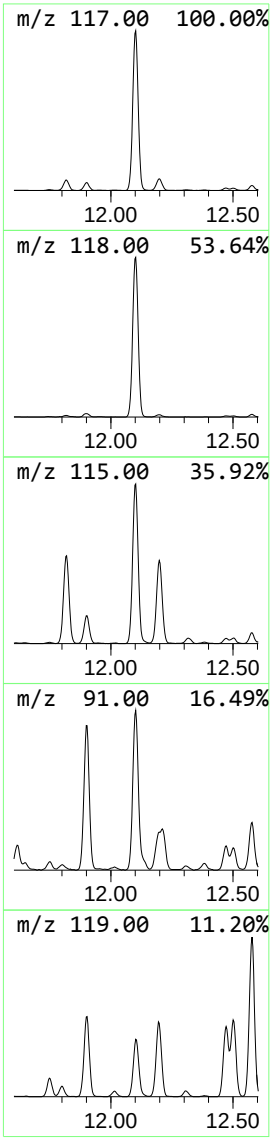
****

Peak Number 15 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	8.50 ug/L	1254900	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

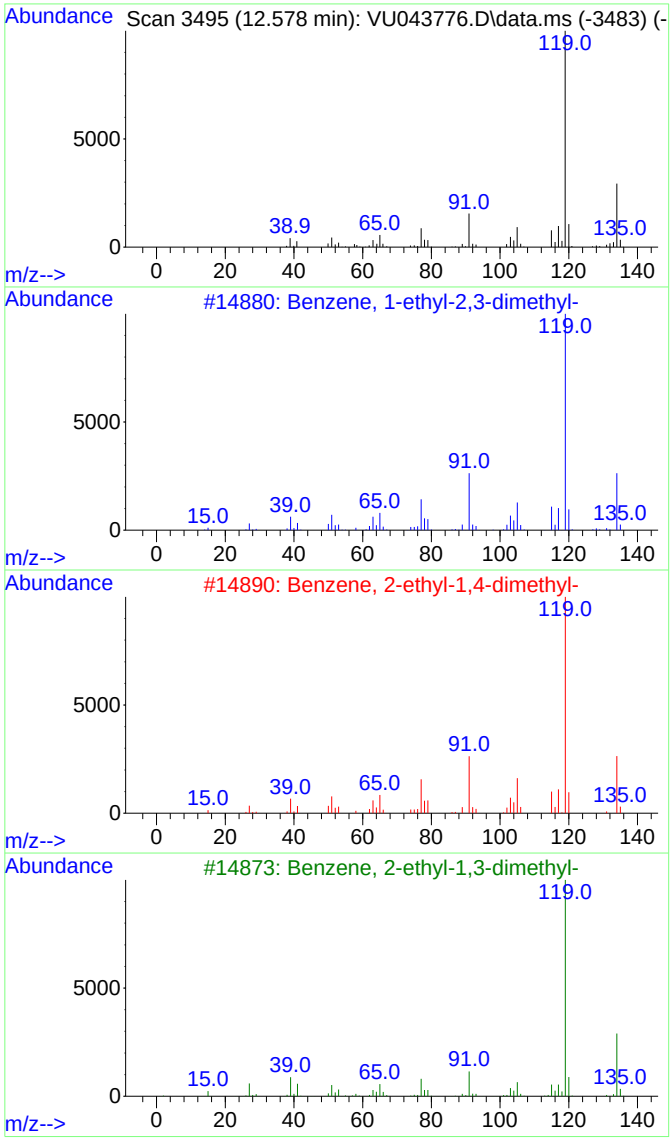
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

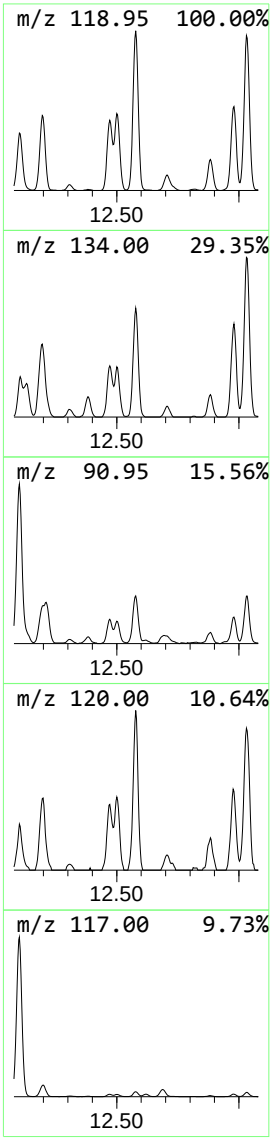
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	1.94 ug/L	285809	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

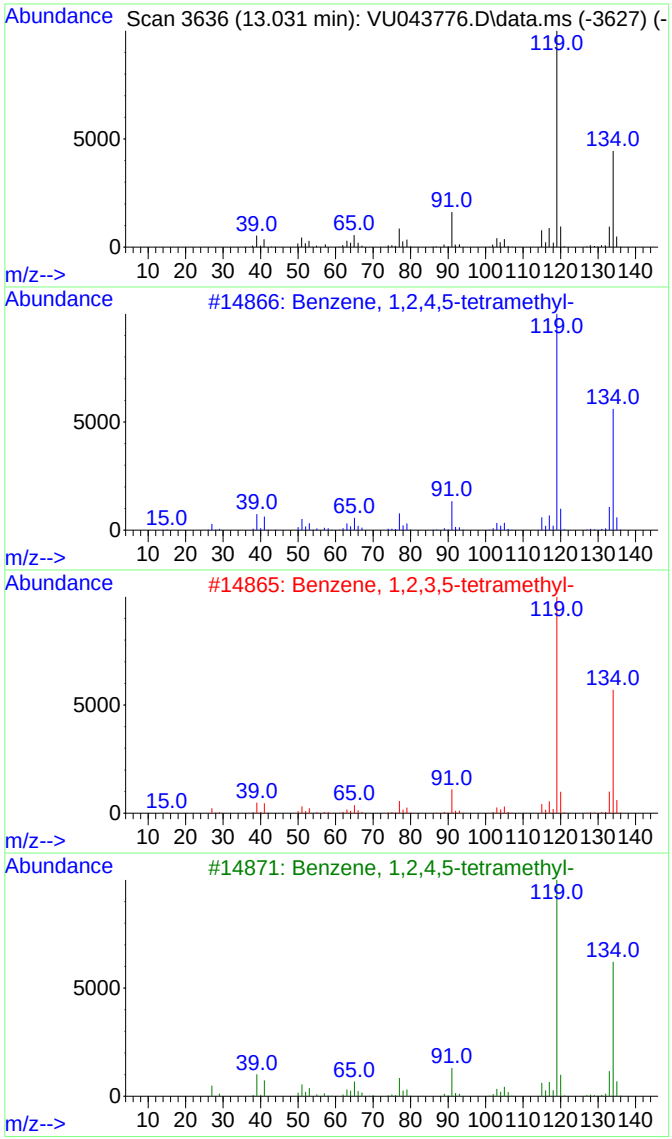
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

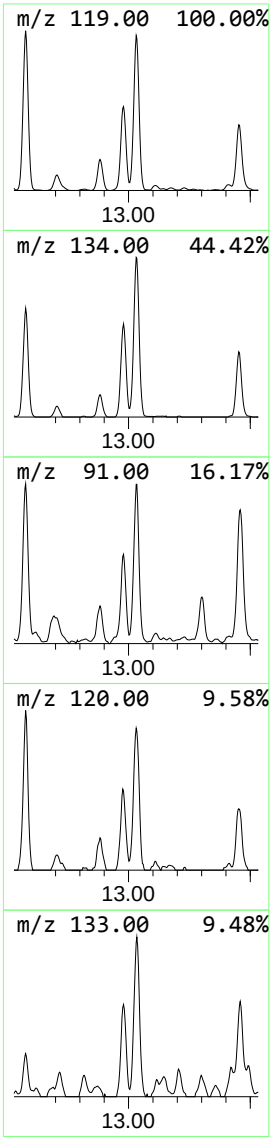
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	2.08 ug/L	307907	1,4-Dichlorobenzene-d4	11.819

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

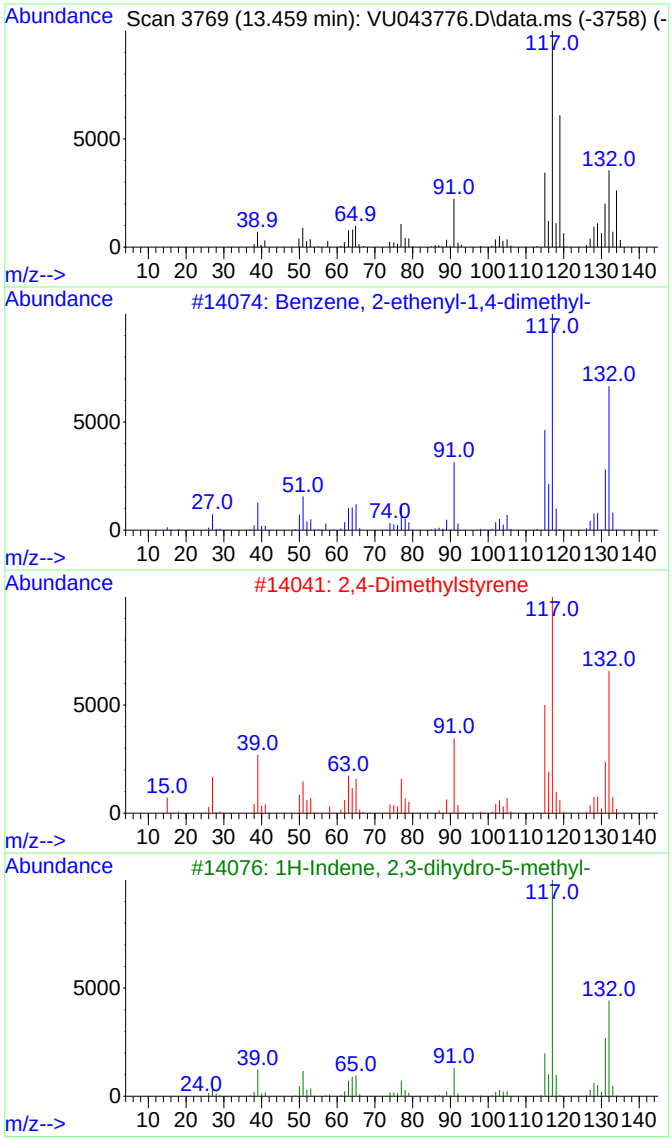
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

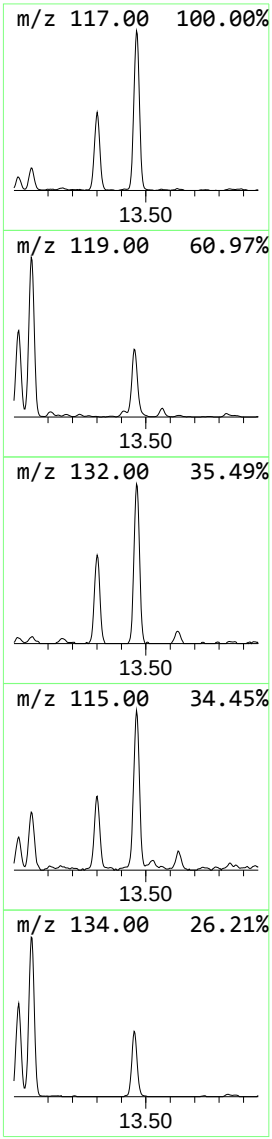
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	2.35 ug/L	347710	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6M1

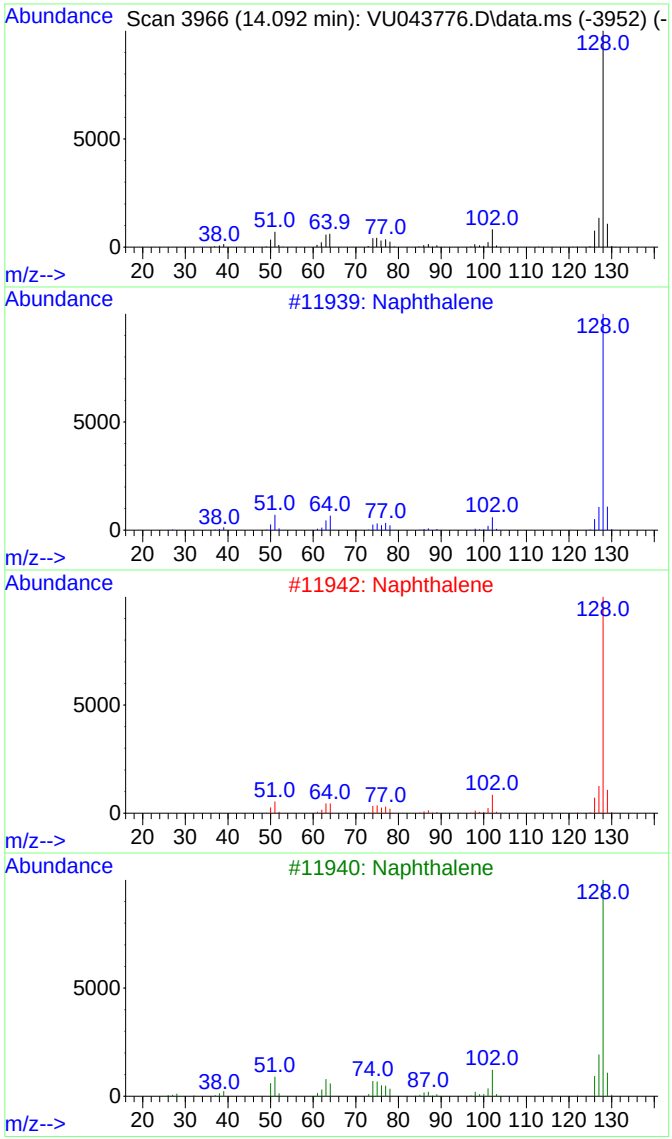
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

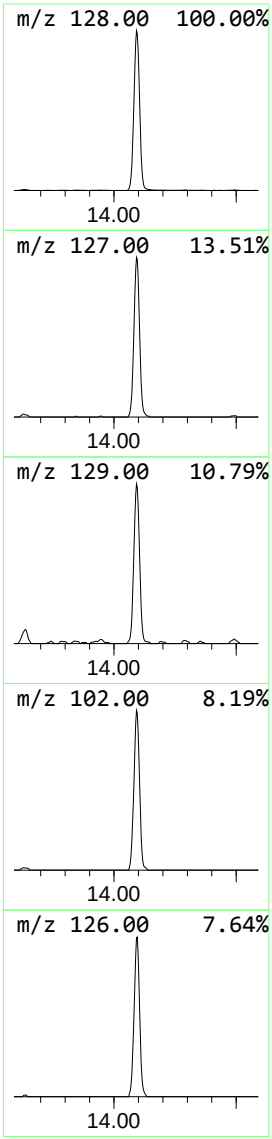
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	3.59 ug/L	529830	1,4-Dichlorobenzene-d4	11.819

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043776.D
Acq On : 14 May 2021 23:52
Operator : SY/MD
Sample : M2380-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG6M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.054	13.1	ug/L	1375700	1	6.256	527248	5.0
(DEL) Alkane: S...	3.092	53.6	ug/L	5648800	1	6.256	527248	5.0
(DEL) Alkane: S...	3.710	100.7	ug/L	10621900	1	6.256	527248	5.0
(DEL) Alkane: S...	3.990	3.0	ug/L	312742	1	6.256	527248	5.0
(DEL) Alkane: C...	4.099	2.9	ug/L	305722	1	6.256	527248	5.0
(DEL) Alkane: S...	4.308	10.8	ug/L	1133200	1	6.256	527248	5.0
(DEL) Alkane: S...	4.443	5.8	ug/L	606283	1	6.256	527248	5.0
(DEL) Alkane: C...	4.543	180.9	ug/L	19079100	1	6.256	527248	5.0
Benzene, propyl-	10.912	8.8	ug/L	1292630	3	11.819	738480	5.0
Benzene, 1-ethy...	11.005	20.2	ug/L	2987140	3	11.819	738480	5.0
4-Heptanone, 2,...	11.237	31.6	ug/L	4668950	3	11.819	738480	5.0
Benzene, 1-ethy...	11.298	15.2	ug/L	2244360	3	11.819	738480	5.0
2-Heptanone, 4,...	11.565	3.2	ug/L	467964	3	11.819	738480	5.0
Benzene, 1,2,3-...	11.899	10.0	ug/L	1477900	3	11.819	738480	5.0
Indane	12.102	8.5	ug/L	1254900	3	11.819	738480	5.0
Benzene, 1-ethy...	12.578	1.9	ug/L	285809	3	11.819	738480	5.0
Benzene, 1,2,4,...	13.031	2.1	ug/L	307907	3	11.819	738480	5.0
Benzene, 2-ethe...	13.459	2.4	ug/L	347710	3	11.819	738480	5.0
Azulene	14.092	3.6	ug/L	529830	3	11.819	738480	5.0