LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	311	322	340	rVB	3740575	5716226	3.12%	0.603%
2	3.993	803	825	873	rBV2	21942797	56921496	31.09%	6.000%
3	4.526	974	991	1015	rBV	2380290	5894358	3.22%	0.621%
4	5.060	1142	1157	1212	rBV	1198920	3713068	2.03%	0.391%
5	5.385	1241	1258	1272	rBV2	868410	2021447	1.10%	0.213%
6	5.777	1346	1380	1398	rBV2	48848736	111949752	61.16%	11.801%
7	6.761	1673	1686	1707	rVB	905434	1891226	1.03%	0.199%
8	6.902	1720	1730	1745	rVB	1246698	2281318	1.25%	0.240%
9	7.980	2048	2065	2115	rVB3	68227017	150996550	82.49%	15.917%
10	9.459	2501	2525	2548	rBV4	85460173	183058362	100.00%	19.296%
11	9.578	2548	2562	2585	rVV2	54357933	98235811	53.66%	10.355%
12	9.697	2585	2599	2611	rVV2	36799655	60199230	32.89%	6.346%
13	10.102	2710	2725	2757	rVB	22249885	36241412	19.80%	3.820%
14	10.484	2829	2844	2855	rBV	8494721	13477348	7.36%	1.421%
15	10.905	2959	2975	2990	rVB	11188083	19810957	10.82%	2.088%
16	10.986	2990	3000	3006	rVV	1970029	3220482	1.76%	0.339%
17	11.031	3006	3014	3024	rVV2	3014728	5097938	2.78%	0.537%
18	11.092	3024	3033	3049	rVB3	2338832	3865083	2.11%	0.407%
19	11.291	3082	3095	3116	rVB	12880692	20157720	11.01%	2.125%
20	11.468	3138	3150	3161	rBV	14515708	21877340	11.95%	2.306%
21	11.603	3183	3192	3195	rVV2	1288785	2142286	1.17%	0.226%
22	11.635	3196	3202	3217	rVB3	2860550	4673518	2.55%	0.493%
23	11.835	3243	3264	3272	rVV2	5021647	9504822	5.19%	1.002%
24	11.893	3272	3282	3295	rVB	7894026	13122921	7.17%	1.383%
25	12.095	3329	3345	3361	rVB2	18175941	28468618	15.55%	3.001%
26	12.185	3361	3373	3376	rBV3	2593384	3818212	2.09%	0.402%
27	12.478	3449	3464	3471	rBV2	2810986	5355931	2.93%	0.565%
28	12.571	3484	3493	3501	rBV	2781506	3989324	2.18%	0.421%
29	12.680	3517	3527	3544	rVB3	972942	2283422	1.25%	0.241%
30	12.857	3570	3582	3596	rBV	9613480	14501700	7.92%	1.529%
31	12.970	3603	3617	3626	rBV	1772281	2928494	1.60%	0.309%
32	13.291	3708	3717	3730	rVB2	1155981	2125750	1.16%	0.224%
33	13.452	3756	3767	3779	rBV3	2985084	5395599	2.95%	0.569%
34	14.085	3953	3964	3988	rVB2	1189882	2452435	1.34%	0.259%
35	16.770	4788	4799	4822	rBV	1508654	2516153	1.37%	0.265%
36	16.889	4823	4836	4865	rVV	25735377	38771973	21.18%	4.087%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

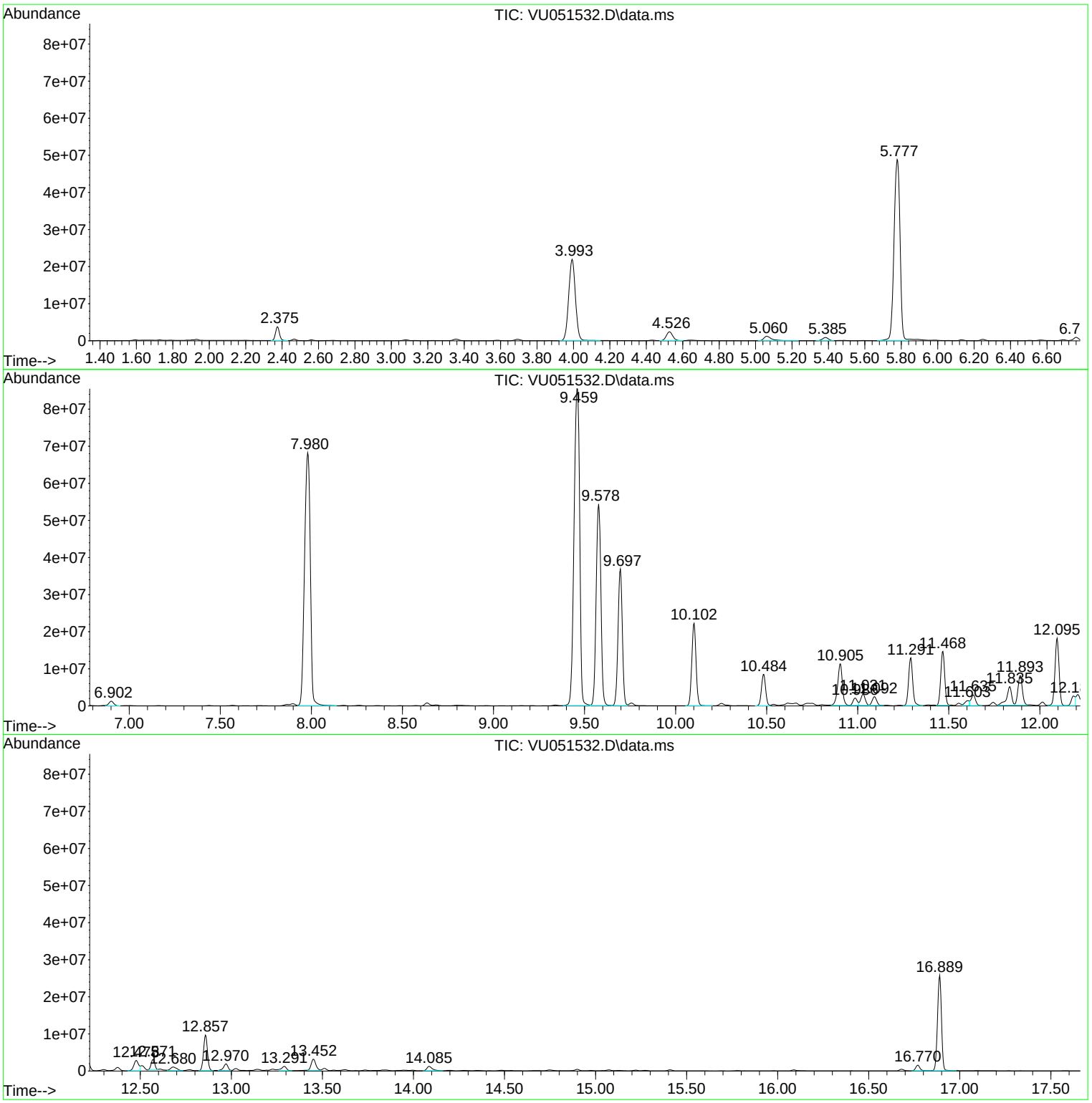
Sum of corrected areas: 948678282

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

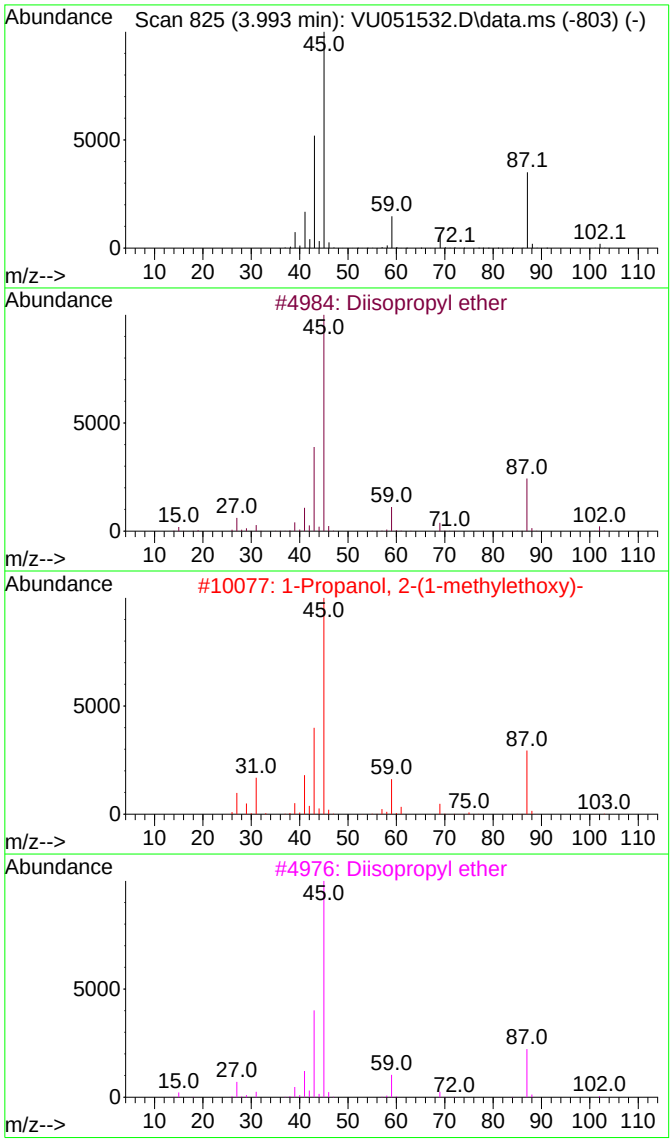
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

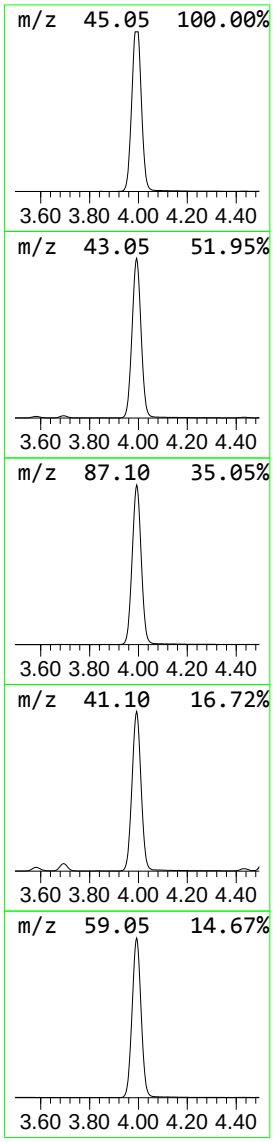
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Diisopropyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	2.54 ug/L	56921500	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Diisopropyl ether	102	C6H14O	000108-20-3	80
5	Diisopropyl ether	102	C6H14O	000108-20-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

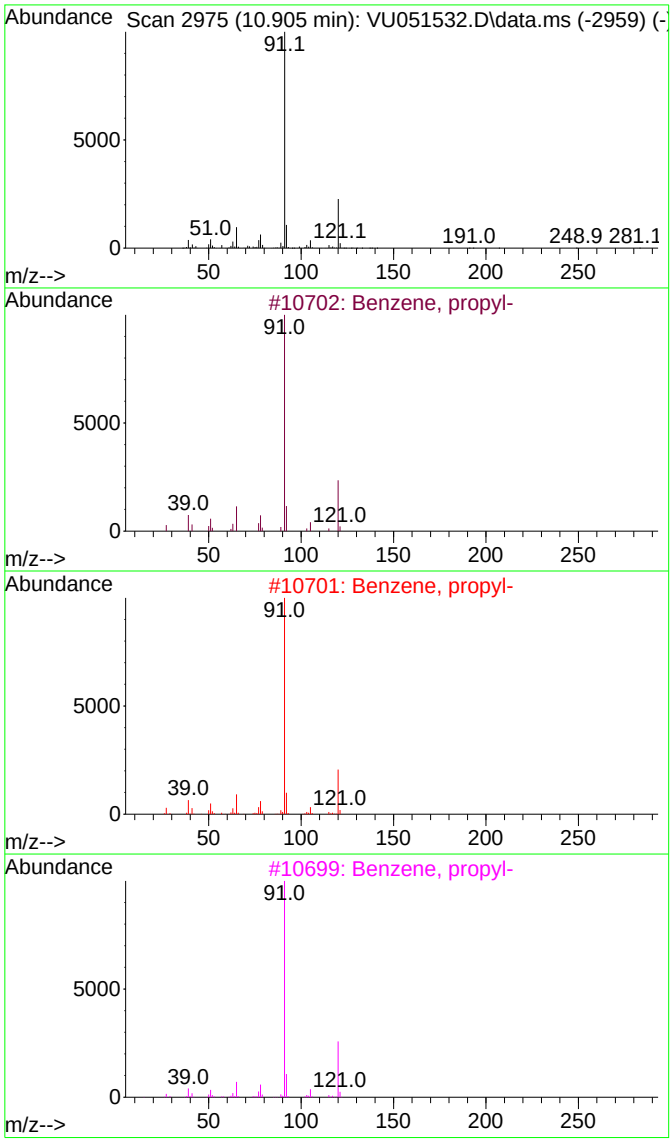
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

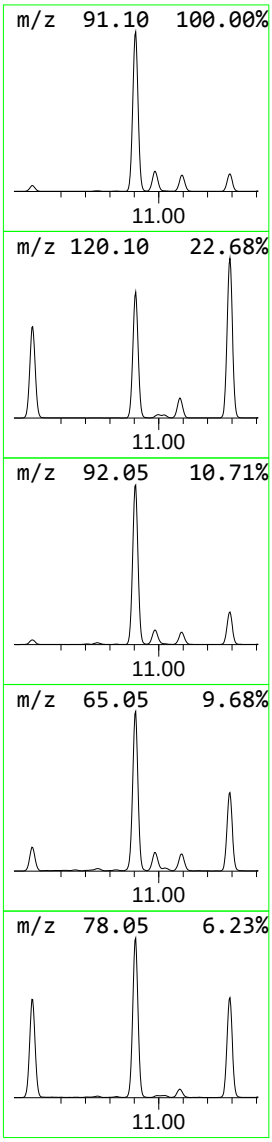
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	10.42 ug/L	19811000	1,4-Dichlorobenzene-d4	11.809

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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

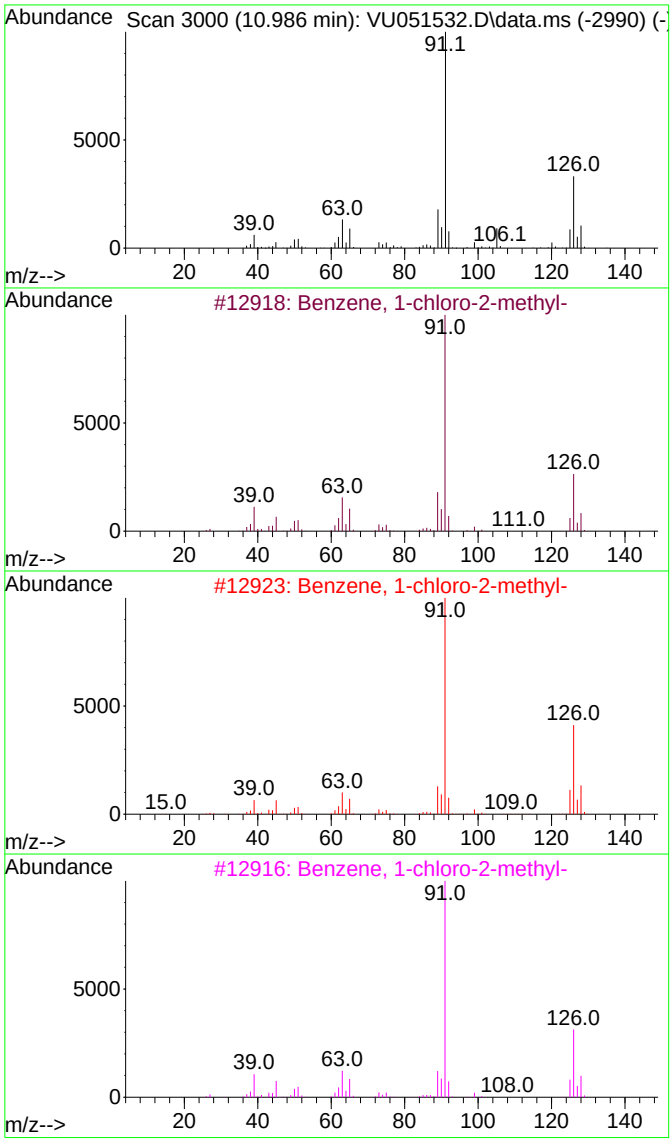
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

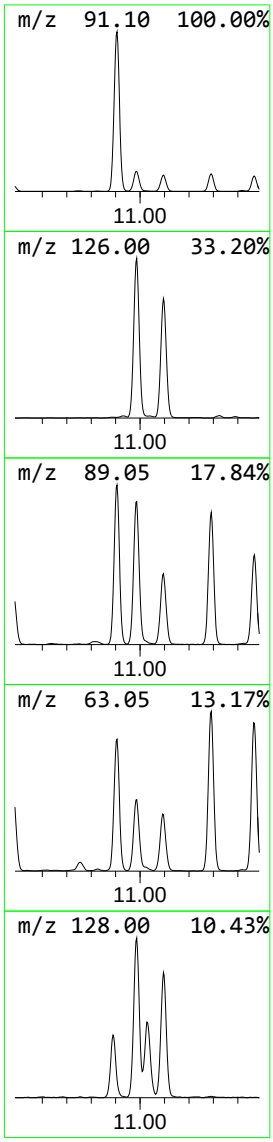
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-chloro-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	1.69 ug/L	3220480	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

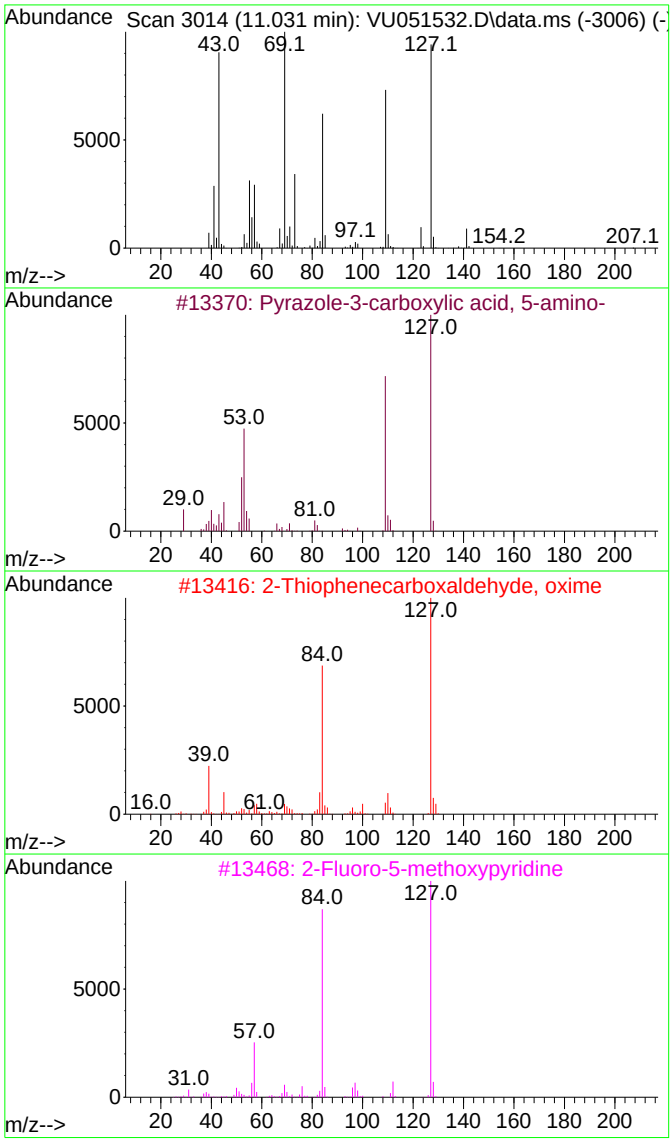
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

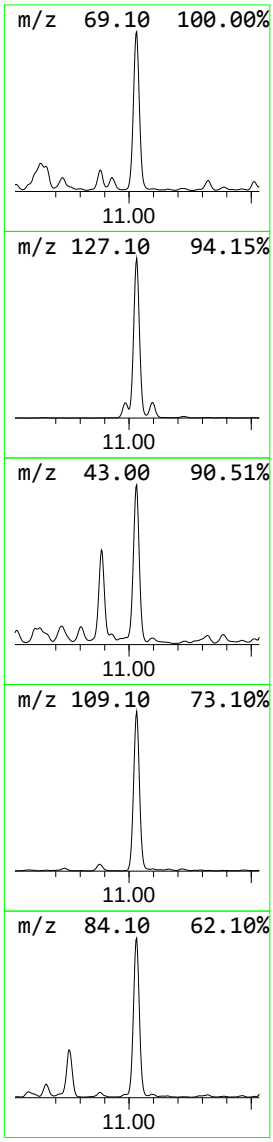
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.031	2.68 ug/L	5097940	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-3-carboxylic acid, 5-am...	127	C4H5N3O2	124004-31-5	35
2	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	35
3	2-Fluoro-5-methoxypyridine	127	C6H6FNO	136888-79-4	35
4	1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	35
5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

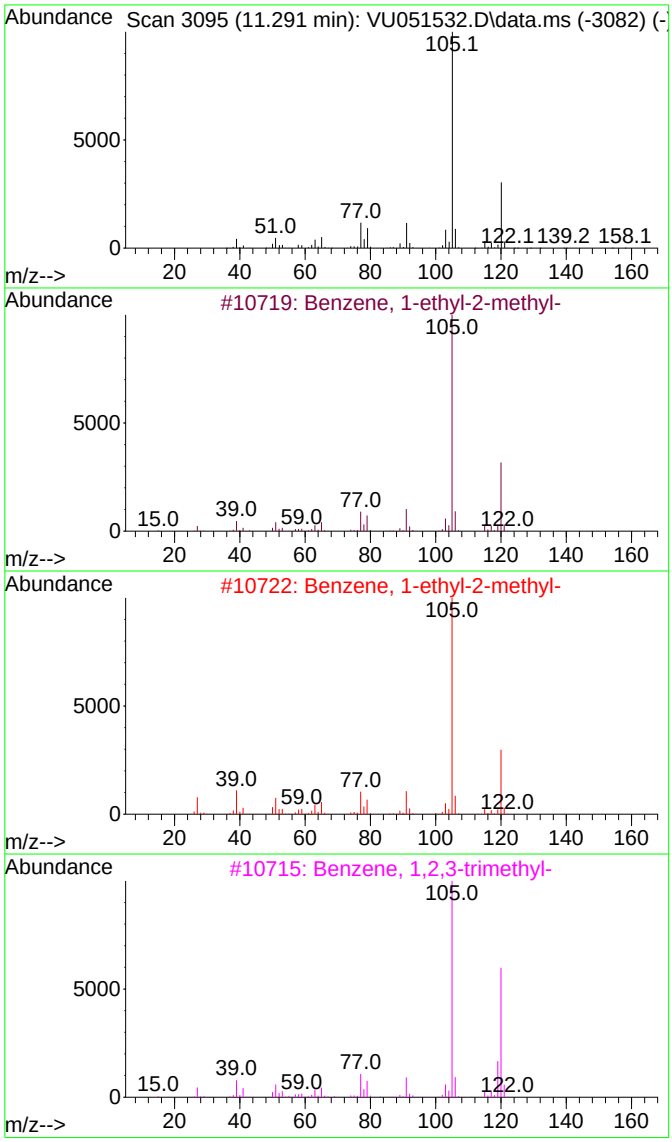
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

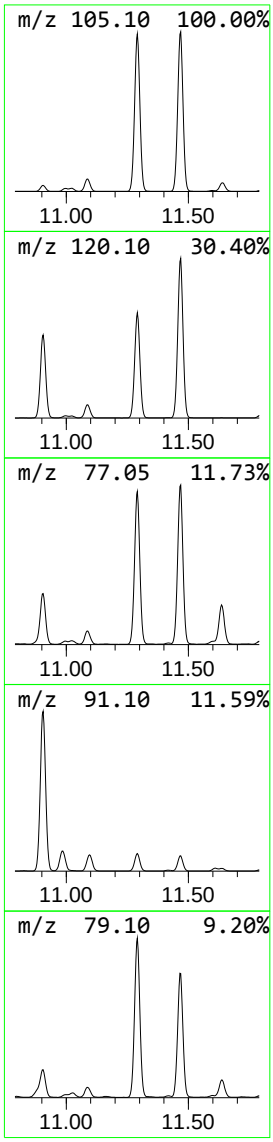
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	10.60 ug/L	20157700	1,4-Dichlorobenzene-d4	11.809

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	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

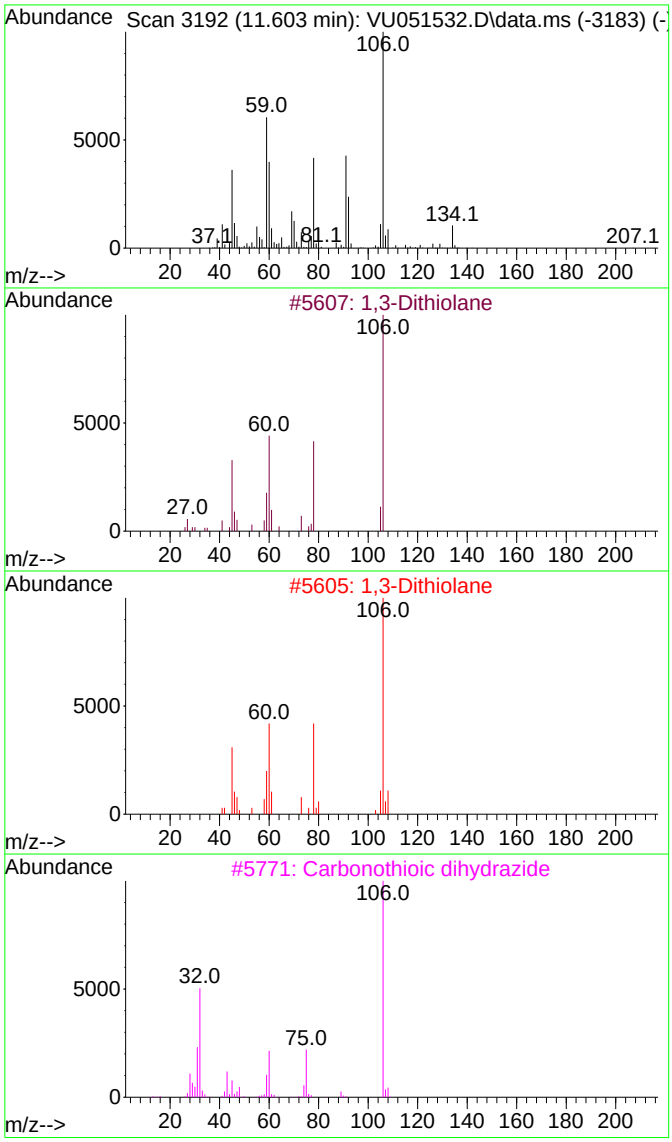
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

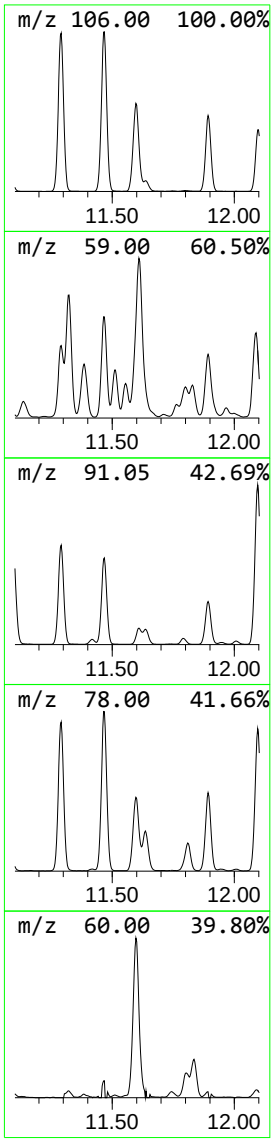
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Dithiolane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.603	1.13 ug/L	2142290	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiolane	106	C3H6S2	004829-04-3	93
2	1,3-Dithiolane	106	C3H6S2	004829-04-3	37
3	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	32
4	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	32
5	2-Pyrazolin-5-ol, 3-(trifluorome...	380	C16H11F3N4O4	331865-32-8	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

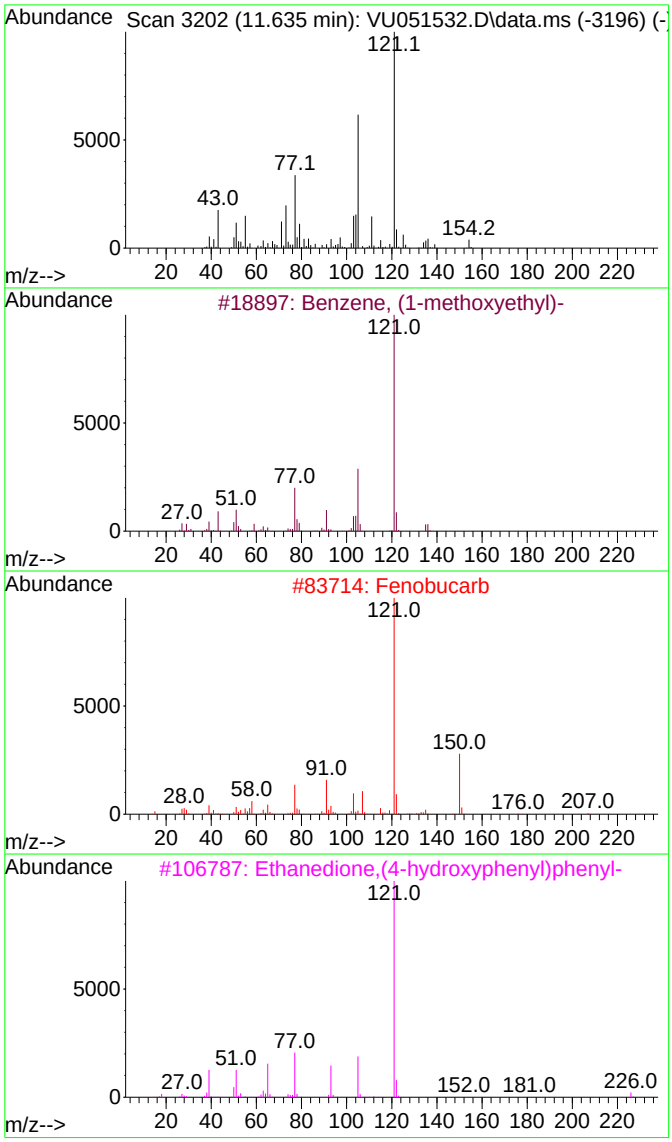
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

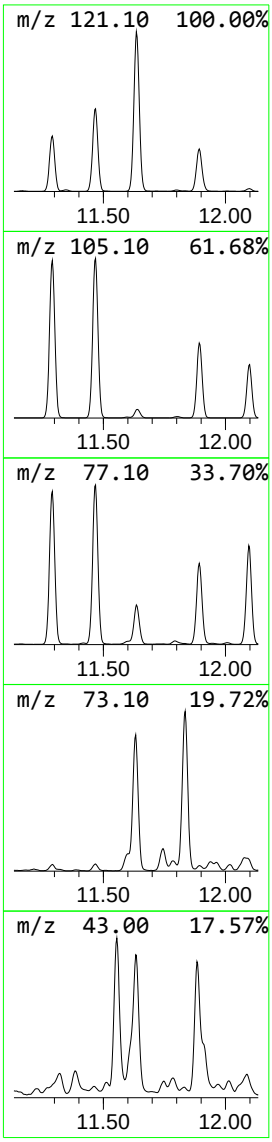
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methoxyethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.635	2.46 ug/L	4673520	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methoxyethyl)-	136	C9H12O	004013-34-7	50
2	Fenobucarb	207	C12H17NO2	003766-81-2	47
3	Ethanedione,(4-hydroxyphenyl)phe...	226	C14H10O3	038469-73-7	43
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	43
5	Pyridine-4-carboximidamide	121	C6H7N3	033278-46-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

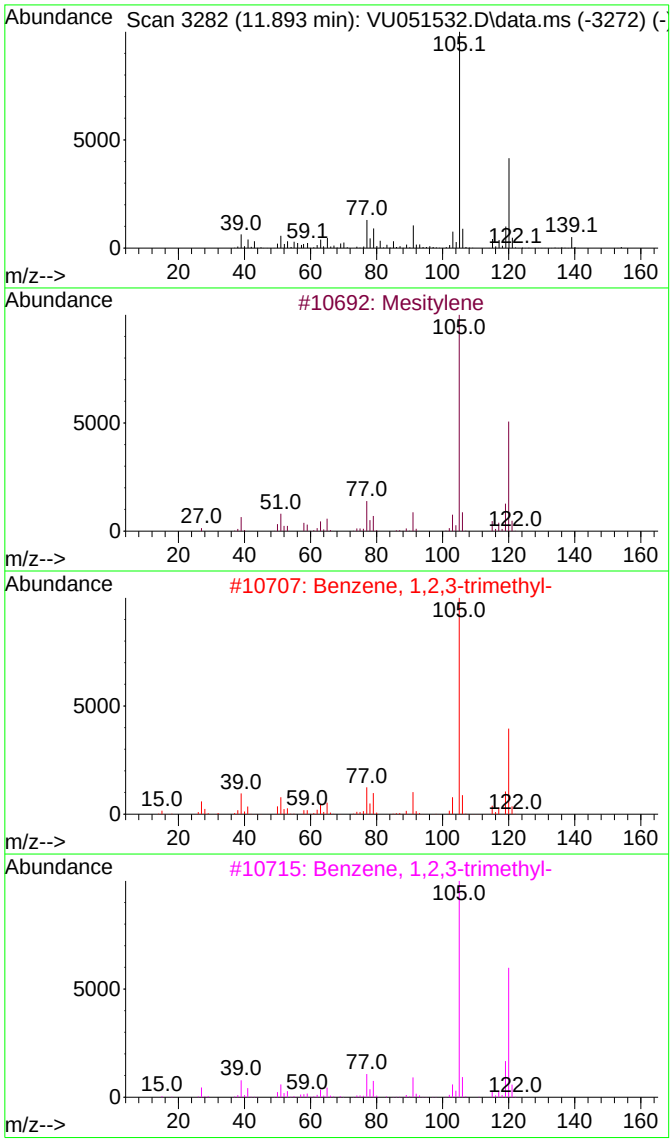
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

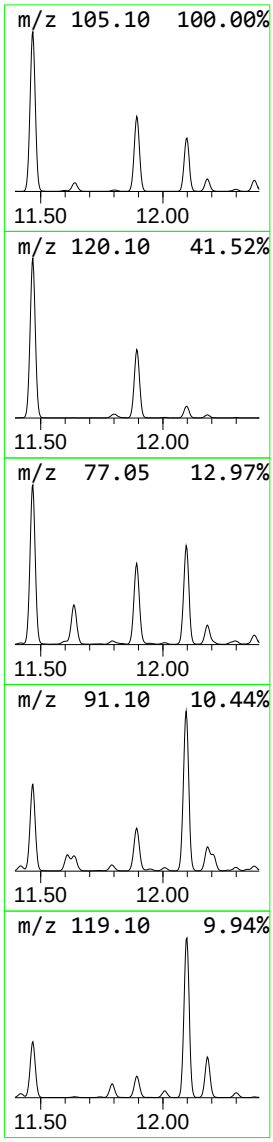
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	6.90 ug/L	13122900	1,4-Dichlorobenzene-d4	11.809

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	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

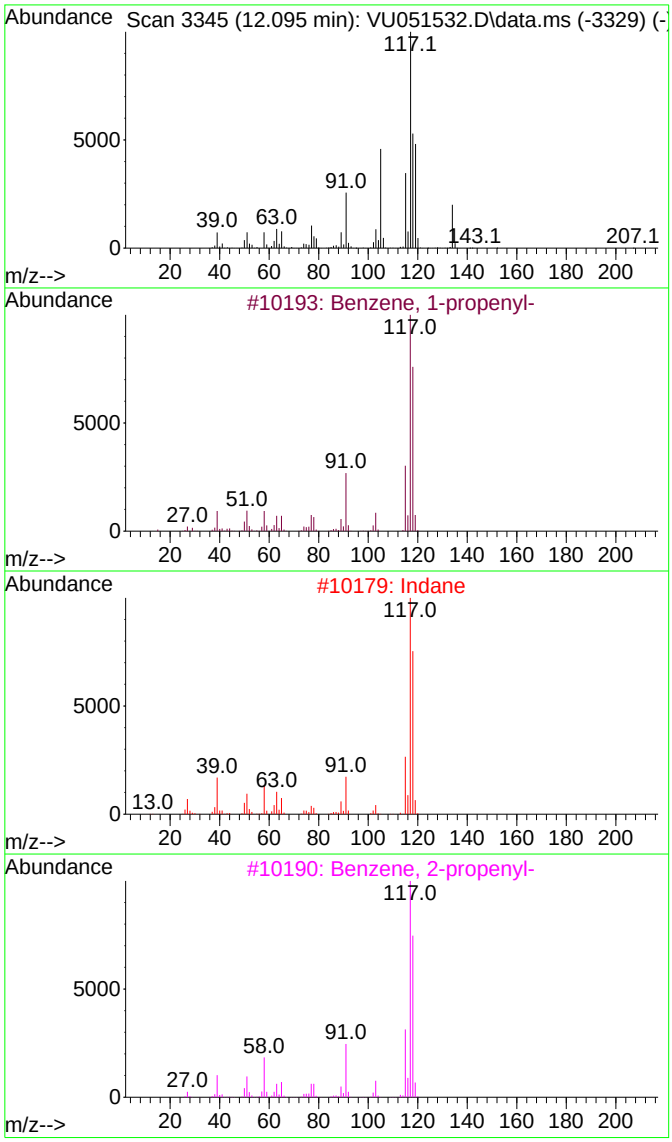
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

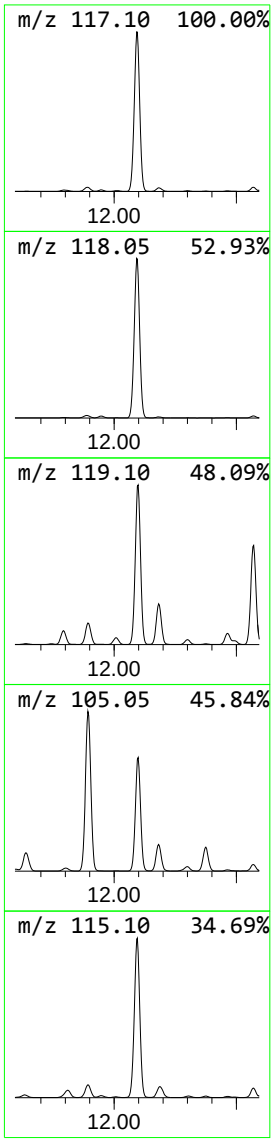
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	14.98 ug/L	28468600	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
2	Indane	118	C9H10	000496-11-7	55
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

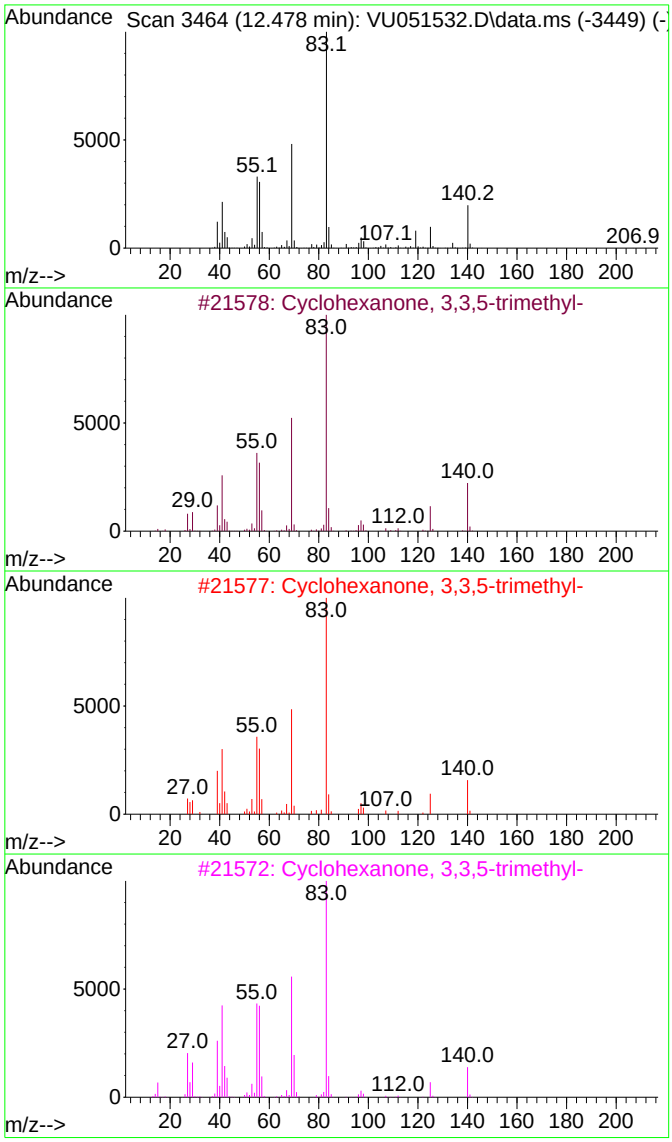
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

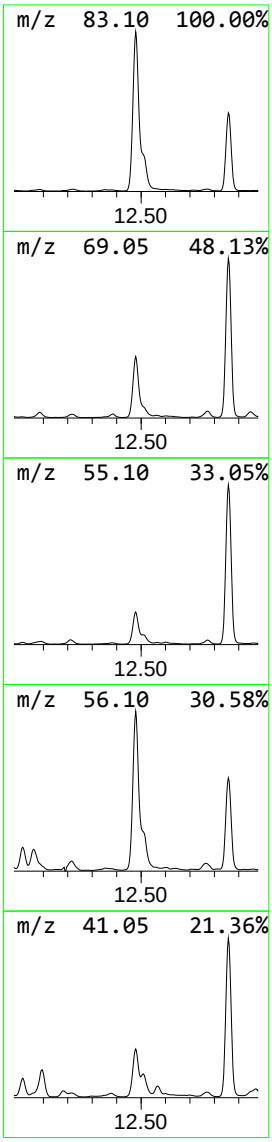
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexanone, 3,3,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	2.82 ug/L	5355930	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





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Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

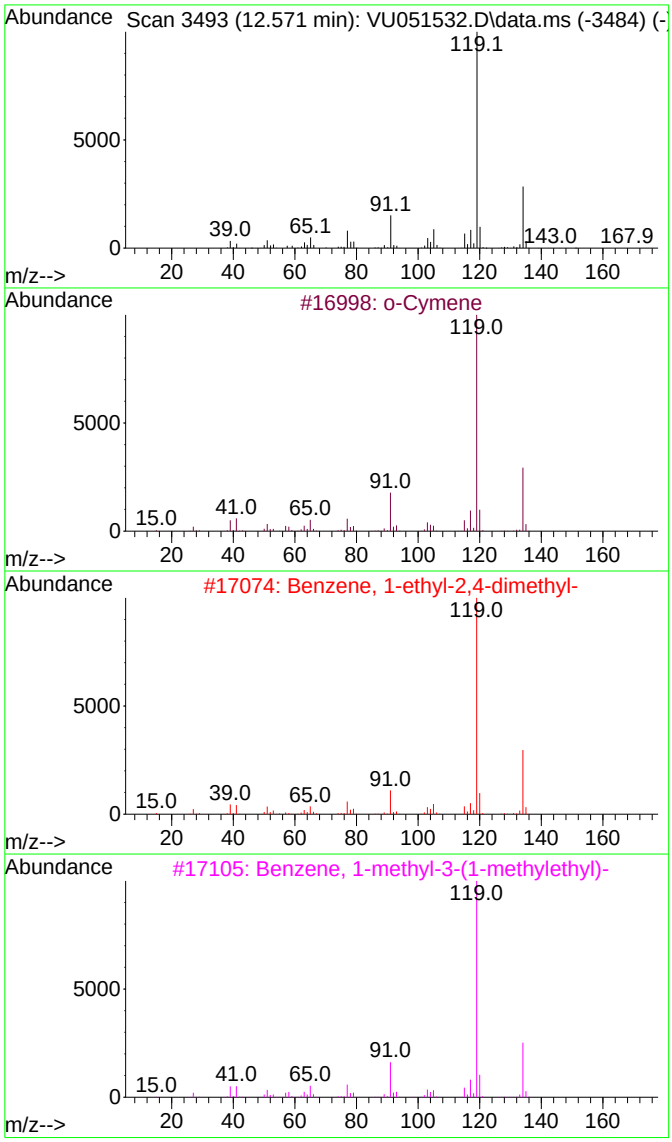
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

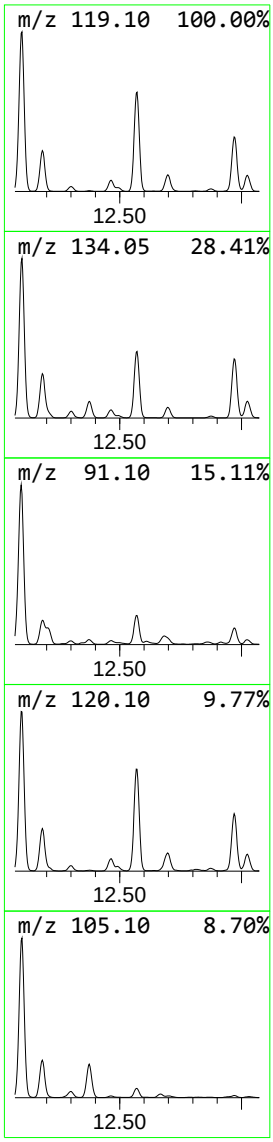
****

Peak Number 11 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	2.10 ug/L	3989320	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

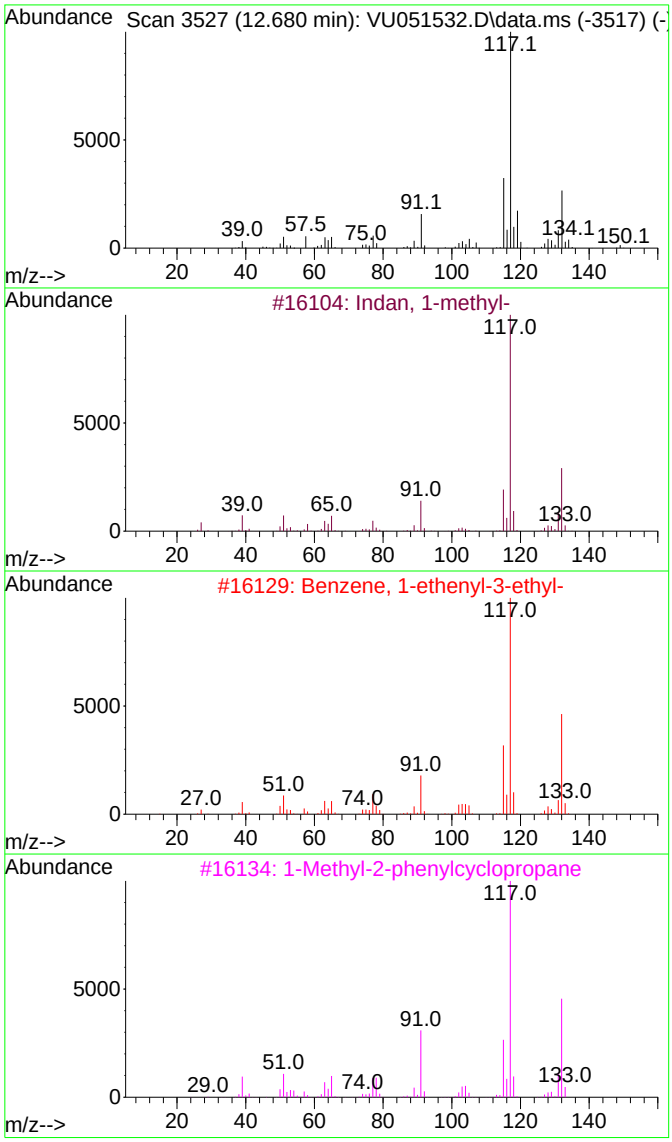
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

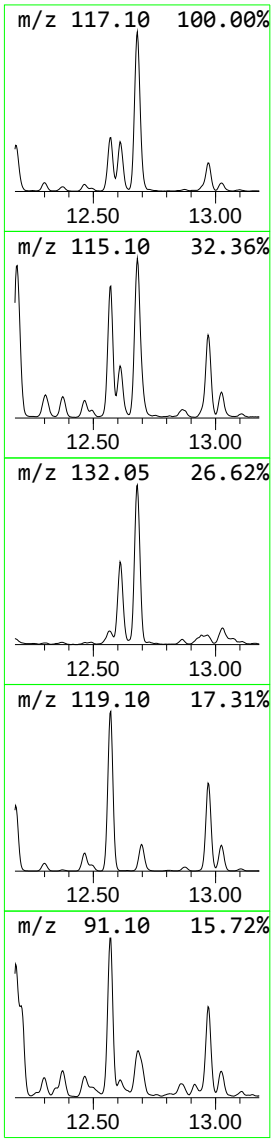
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Indan, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	1.20 ug/L	2283420	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

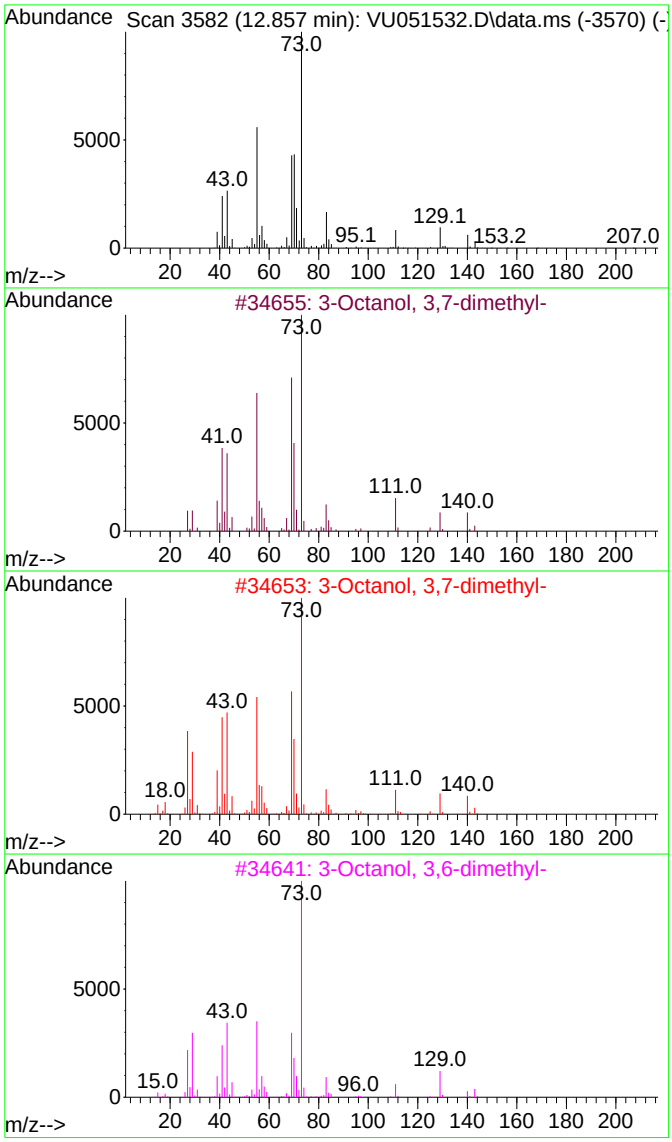
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

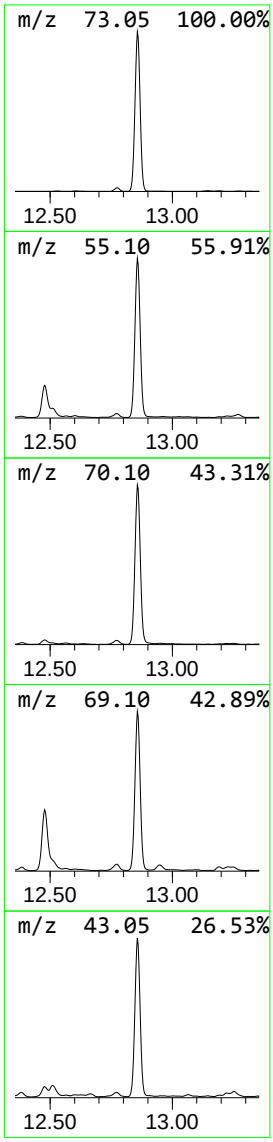
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-Octanol, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	7.63 ug/L	14501700	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	45
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	40
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38





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Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

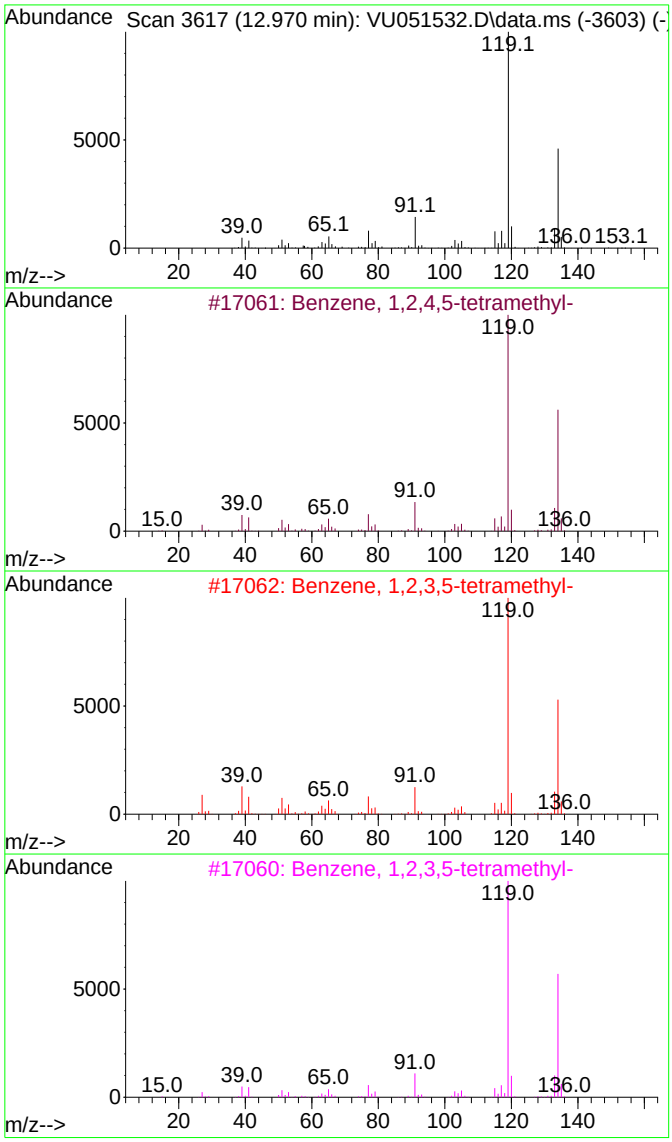
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

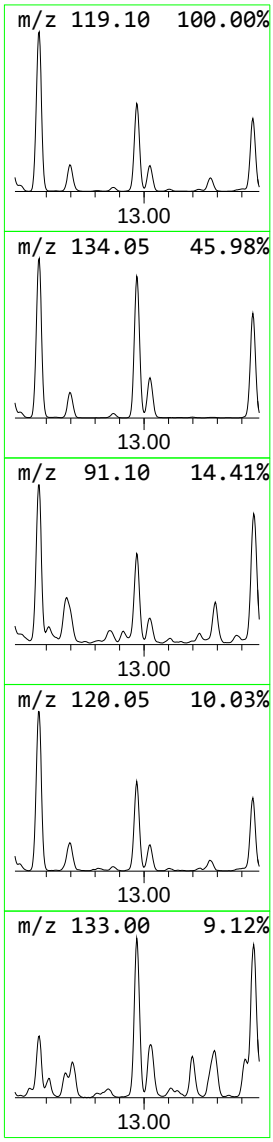
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	1.54 ug/L	2928490	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

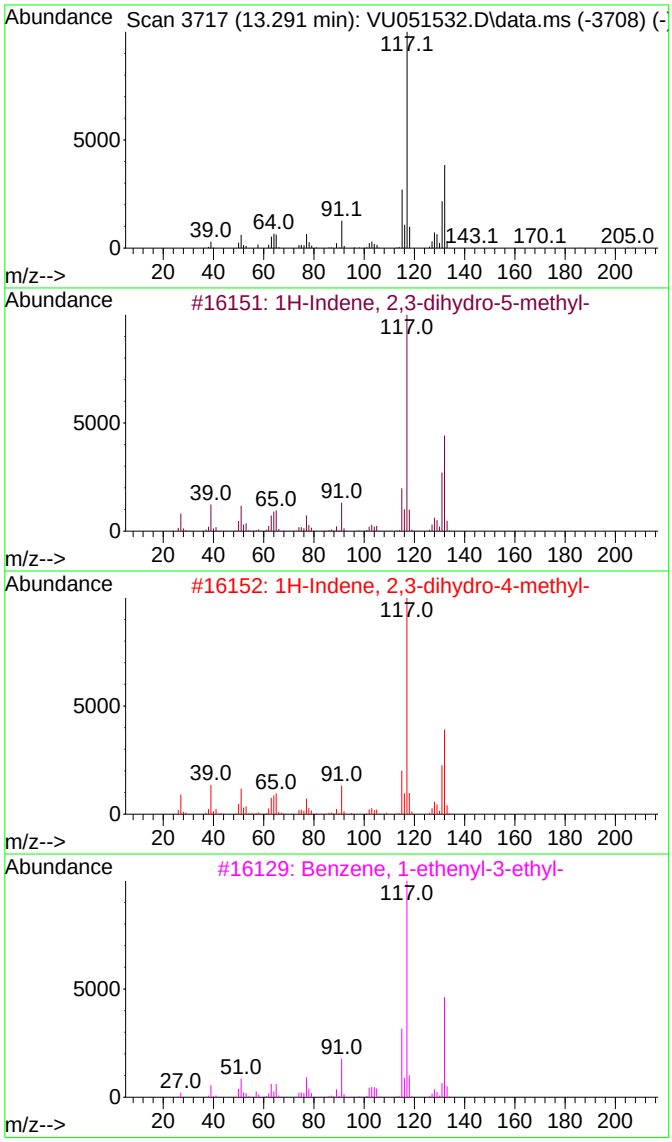
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

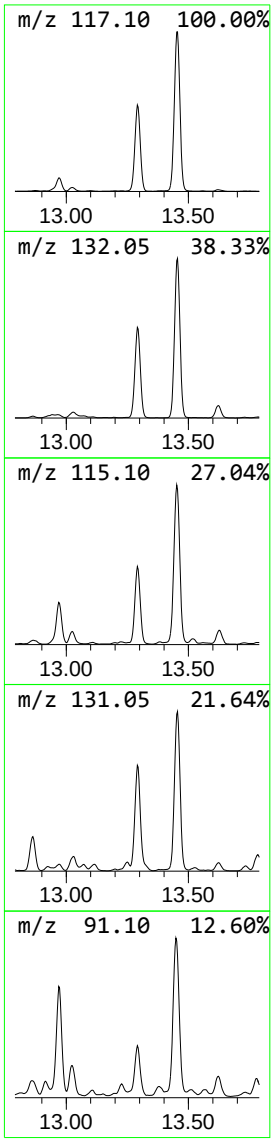
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	1.12 ug/L	2125750	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





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Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

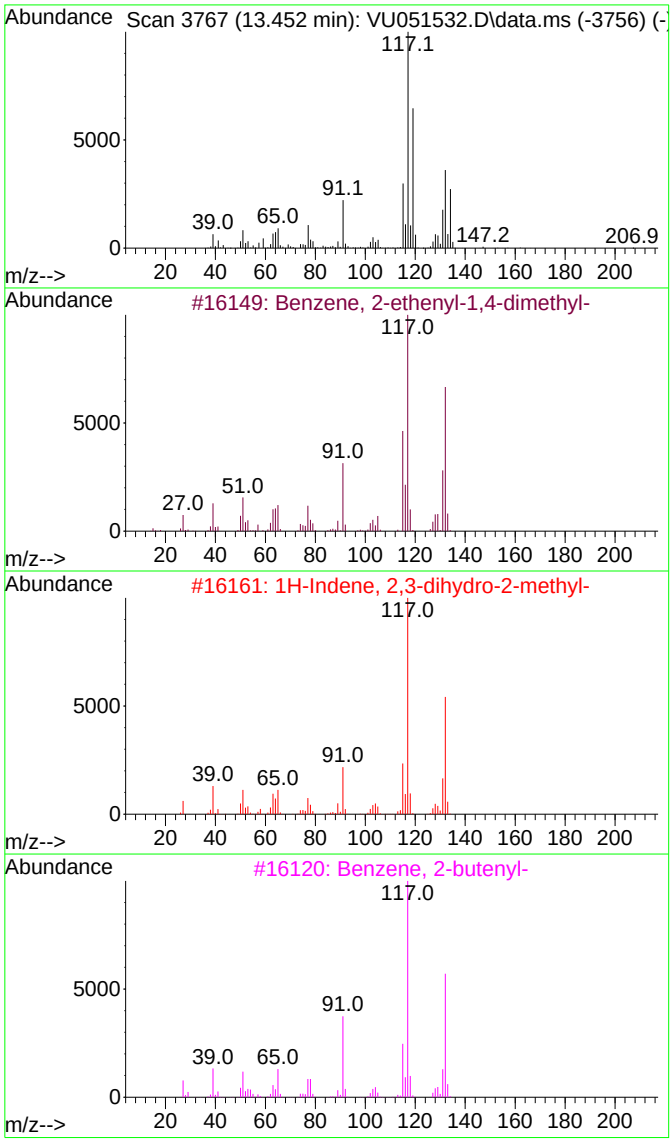
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

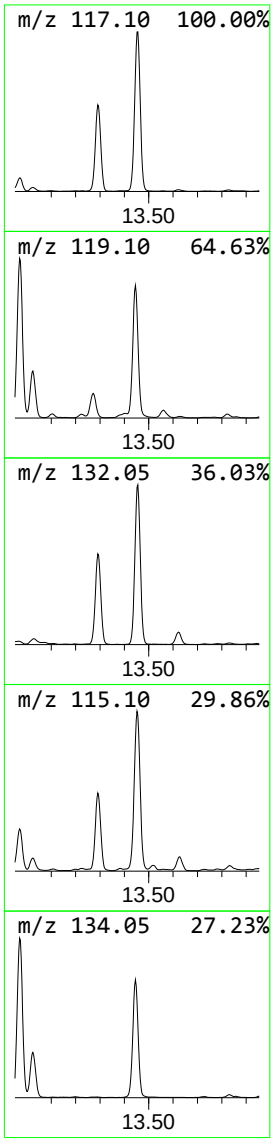
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	2.84 ug/L	5395600	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

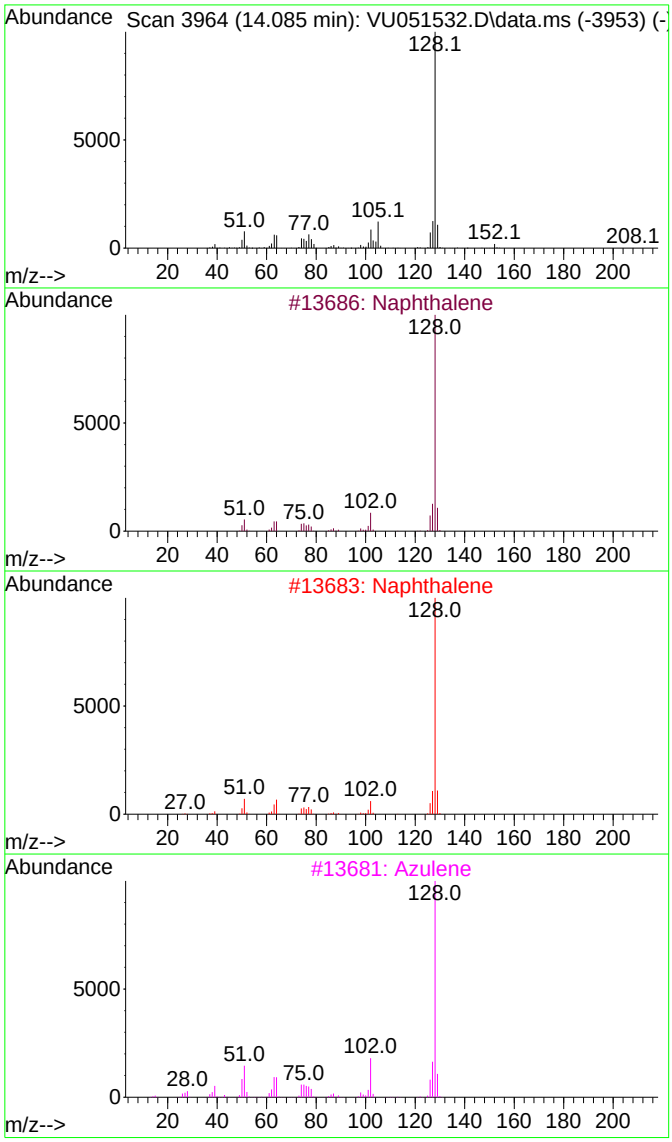
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

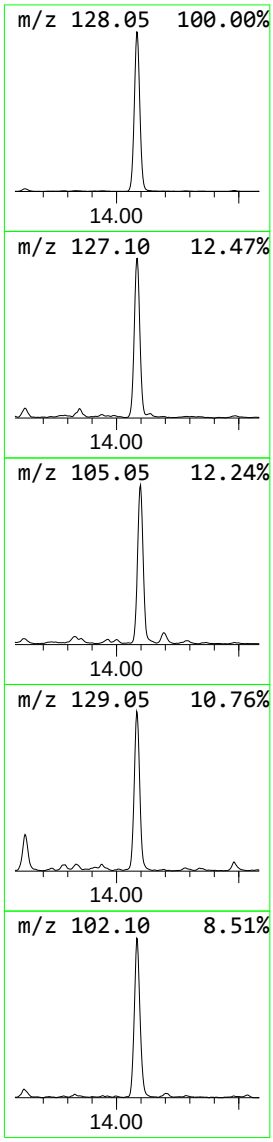
****

Peak Number 17 Azulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	1.29 ug/L	2452440	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	87
4	Azulene	128	C10H8	000275-51-4	87
5	Azulene	128	C10H8	000275-51-4	83





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Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

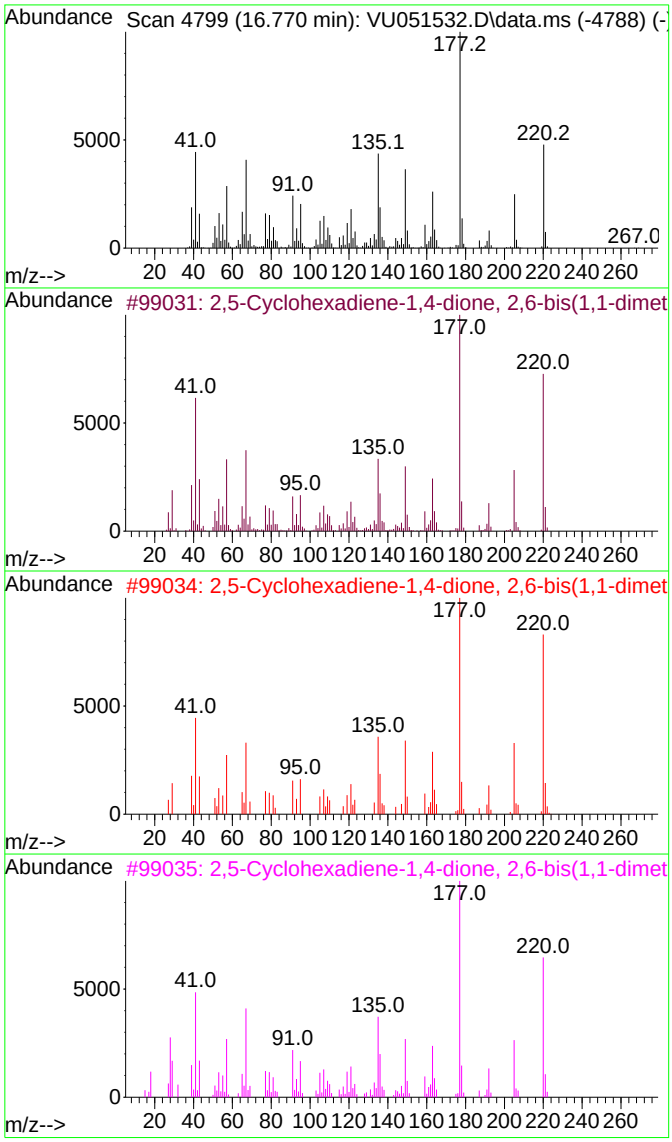
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

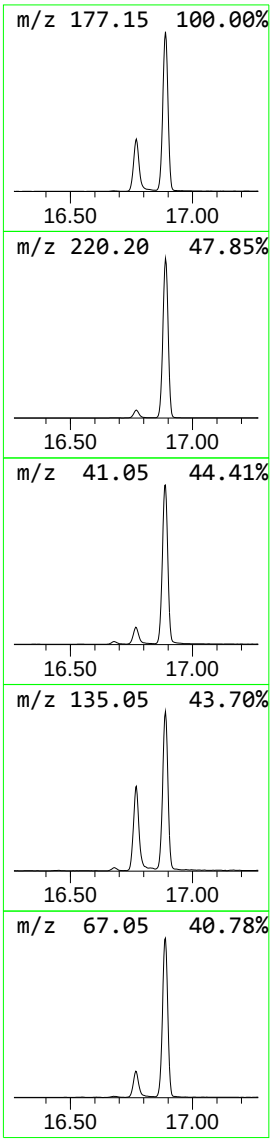
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.770	1.32 ug/L	2516150	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	94
5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	55





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Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

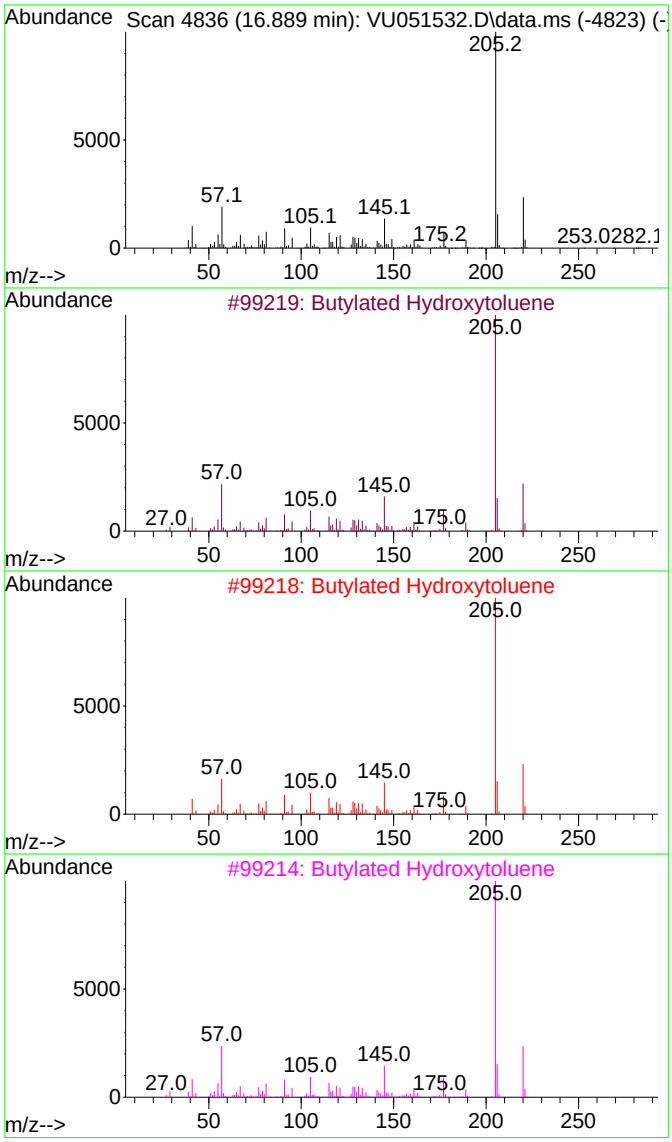
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

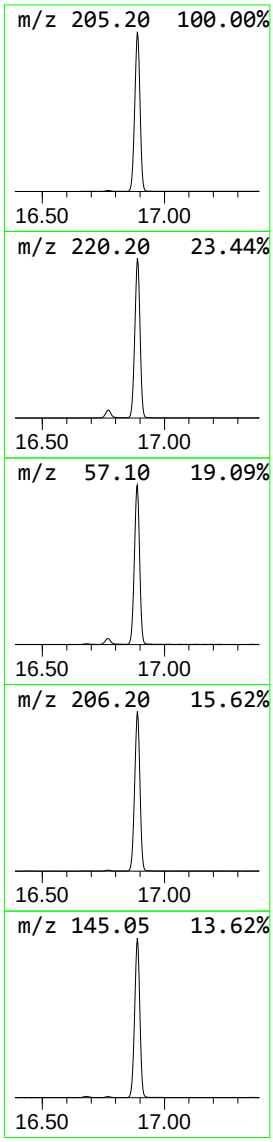
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.889	20.40 ug/L	38772000	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051532.D
Acq On : 27 Oct 2022 04:13
Operator : JC/MD
Sample : N5300-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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
Diisopropyl ether	3.993	2.5	ug/L	56921500	1	6.250	111950000	5.0
Benzene, propyl-	10.906	10.4	ug/L	19811000	3	11.809	9504820	5.0
Benzene, 1-chlo...	10.986	1.7	ug/L	3220480	3	11.809	9504820	5.0
unknown-01	11.031	2.7	ug/L	5097940	3	11.809	9504820	5.0
Benzene, 1-ethy...	11.291	10.6	ug/L	20157700	3	11.809	9504820	5.0
1,3-Dithiolane	11.603	1.1	ug/L	2142290	3	11.809	9504820	5.0
Benzene, (1-met...	11.635	2.5	ug/L	4673520	3	11.809	9504820	5.0
Benzene, 1,2,3-...	11.893	6.9	ug/L	13122900	3	11.809	9504820	5.0
Benzene, 1-prop...	12.095	15.0	ug/L	28468600	3	11.809	9504820	5.0
Cyclohexanone, ...	12.478	2.8	ug/L	5355930	3	11.809	9504820	5.0
o-Cymene	12.571	2.1	ug/L	3989320	3	11.809	9504820	5.0
Indan, 1-methyl-	12.680	1.2	ug/L	2283420	3	11.809	9504820	5.0
3-Octanol, 3,7-...	12.857	7.6	ug/L	14501700	3	11.809	9504820	5.0
Benzene, 1,2,4,...	12.970	1.5	ug/L	2928490	3	11.809	9504820	5.0
1H-Indene, 2,3-...	13.291	1.1	ug/L	2125750	3	11.809	9504820	5.0
Benzene, 2-ethe...	13.452	2.8	ug/L	5395600	3	11.809	9504820	5.0
Azulene	14.085	1.3	ug/L	2452440	3	11.809	9504820	5.0
2,5-Cyclohexadi...	16.770	1.3	ug/L	2516150	3	11.809	9504820	5.0
Butylated Hydro...	16.889	20.4	ug/L	38772000	3	11.809	9504820	5.0