LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

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: VU051305.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.376	311	322	342	rBV	1045748	1603493	3.52%	1.220%
2	3.990	804	824	862	rBV	1166574	2958429	6.50%	2.251%
3	4.662	1009	1033	1068	rVB2	1056297	2861941	6.28%	2.178%
4	5.057	1141	1156	1176	rBV4	283304	675383	1.48%	0.514%
5	5.774	1338	1379	1409	rBV	14349235	29778278	65.38%	22.660%
6	6.247	1513	1526	1550	rVB	308760	597976	1.31%	0.455%
7	7.896	2021	2039	2048	rBV	387548	665934	1.46%	0.507%
8	7.970	2048	2062	2112	rVB2	26696716	45546671	100.00%	34.660%
9	8.633	2256	2268	2300	rBV2	559761	1119304	2.46%	0.852%
10	9.443	2500	2520	2546	rBV	4149529	7548336	16.57%	5.744%
11	9.568	2546	2559	2582	rVB	3665295	5799574	12.73%	4.413%
12	9.691	2583	2597	2613	rBV	9333758	14717092	32.31%	11.199%
13	10.099	2710	2724	2750	rBV	3163555	4970872	10.91%	3.783%
14	10.481	2830	2843	2856	rBV	809698	1279716	2.81%	0.974%
15	10.899	2957	2973	2989	rBV2	344163	734207	1.61%	0.559%
16	10.996	2991	3003	3008	rBV2	434783	733587	1.61%	0.558%
17	11.289	3084	3094	3116	rVB	422538	699531	1.54%	0.532%
18	11.465	3139	3149	3169	rVB	1019713	1550506	3.40%	1.180%
19	11.809	3244	3256	3272	rBV2	526587	1246171	2.74%	0.948%
20	11.893	3272	3282	3295	rVB	579202	938723	2.06%	0.714%
21	12.092	3332	3344	3362	rBV2	1030321	1660186	3.65%	1.263%
22	12.192	3362	3375	3395	rVB5	678772	1671616	3.67%	1.272%
23	12.478	3451	3464	3472	rBV2	220769	483470	1.06%	0.368%
24	12.858	3576	3582	3596	rVB2	377442	615376	1.35%	0.468%
25	14.083	3953	3963	3987	rVB	561825	955096	2.10%	0.727%

Sum of corrected areas: 131411468

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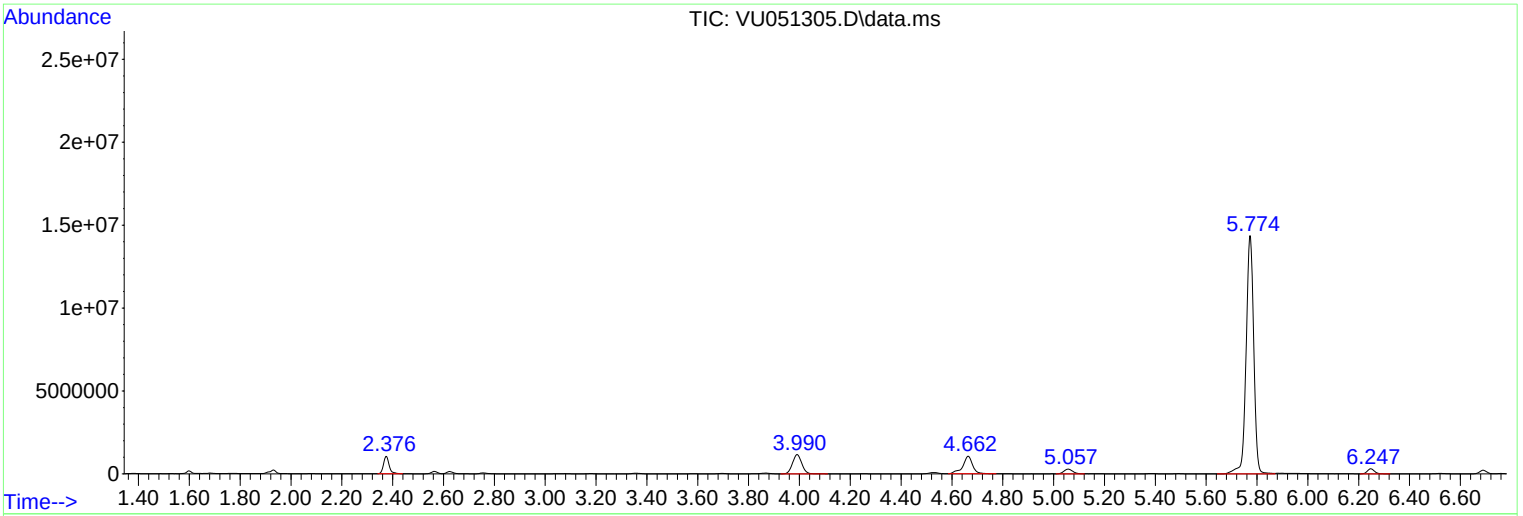
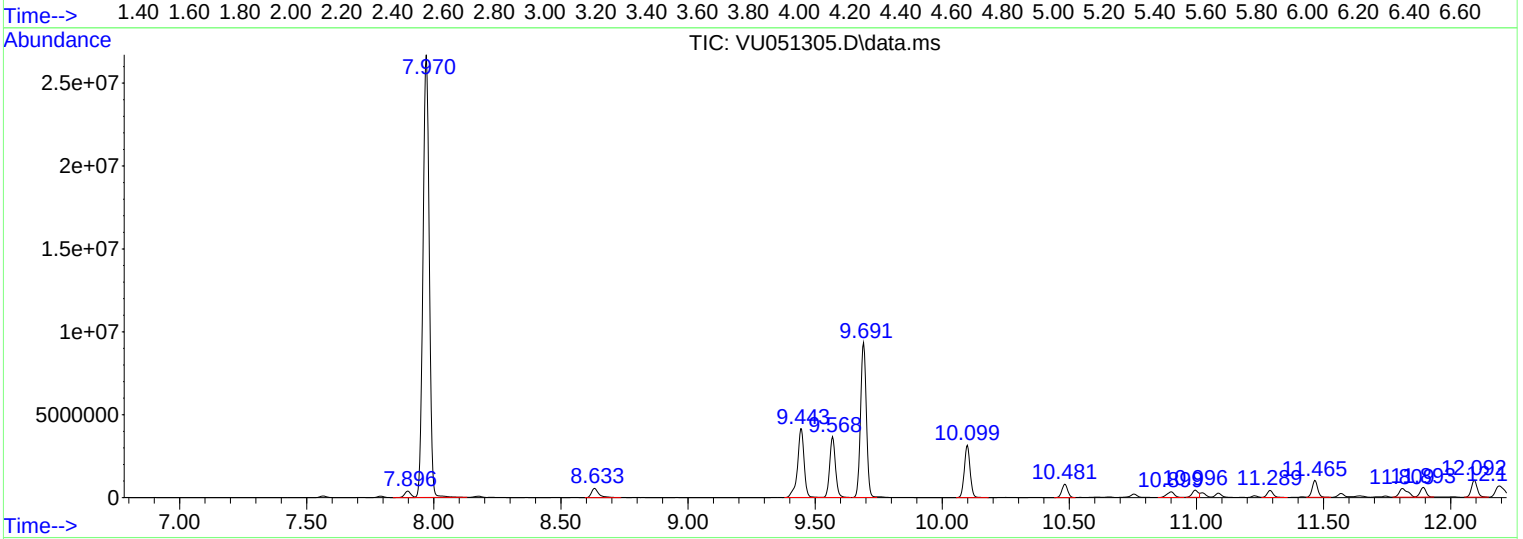
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

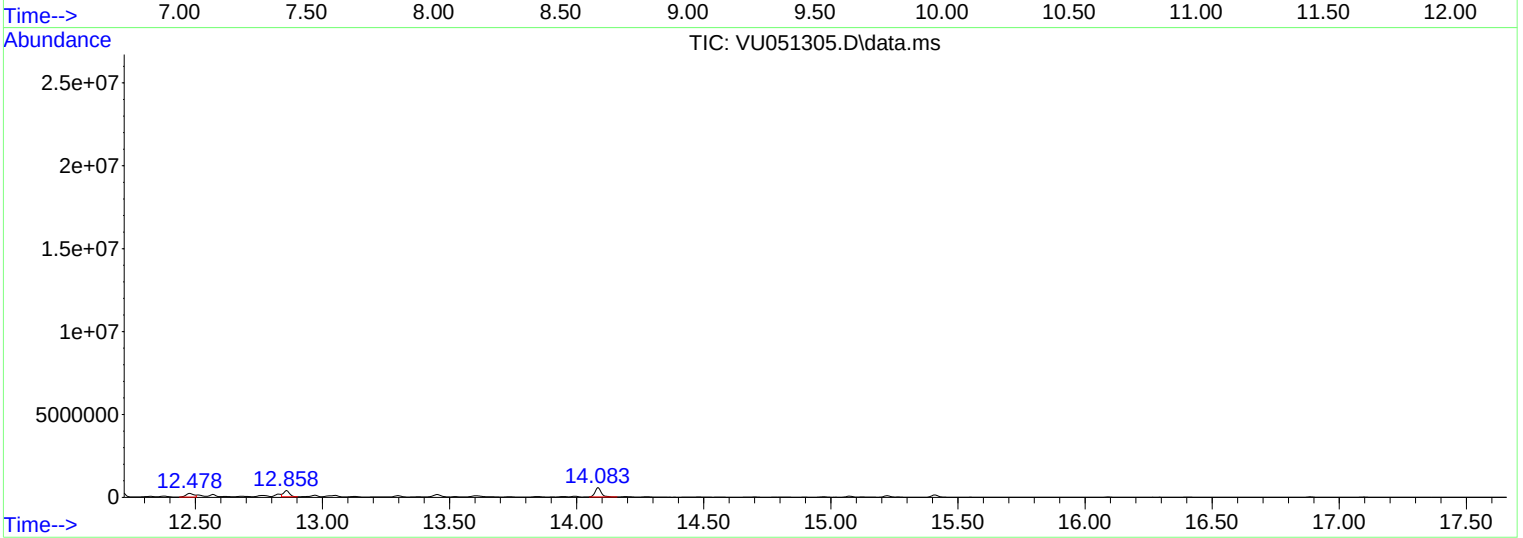
Instrument :
MSVOA_U
ClientSampleId :
BHA41

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\VU100922\
Data File : VU051305.D
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Operator : JC/MD
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Instrument :
MSVOA_U
ClientSampleId :
BHA41

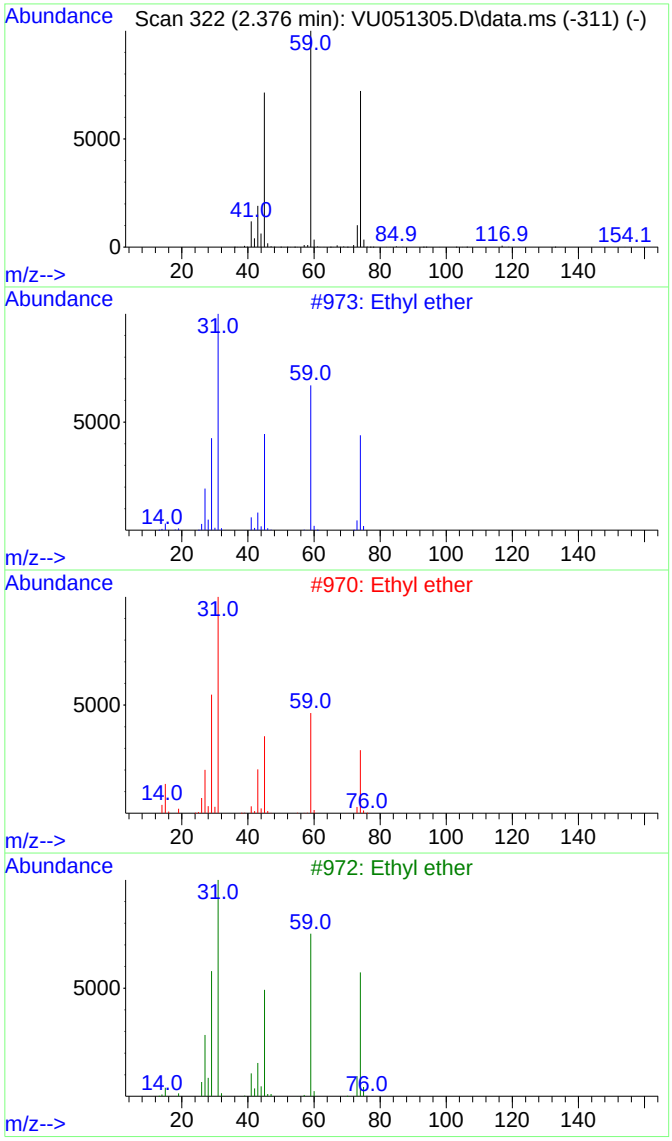
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

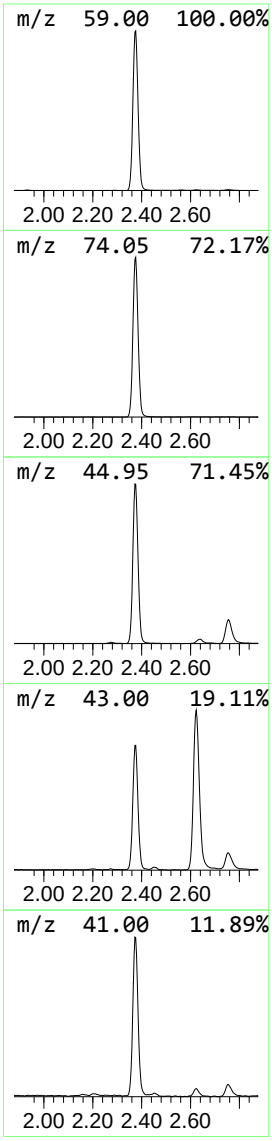
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.376	13.41 ug/L	1603490	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	78
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

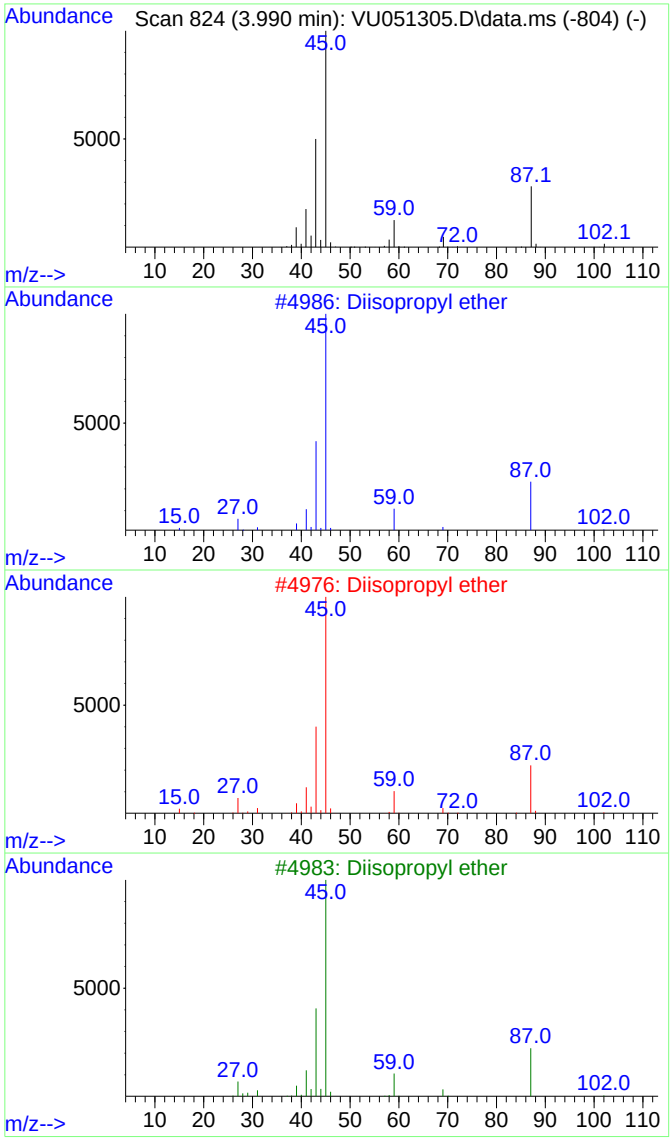
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

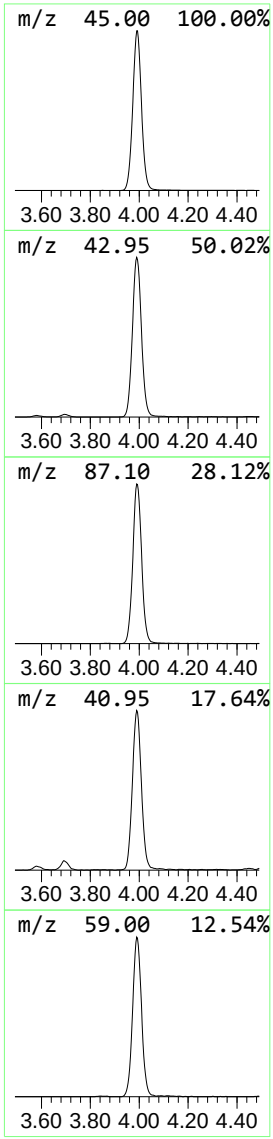
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	24.74 ug/L	2958430	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	Diisopropyl ether	102	C6H14O	000108-20-3	78
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

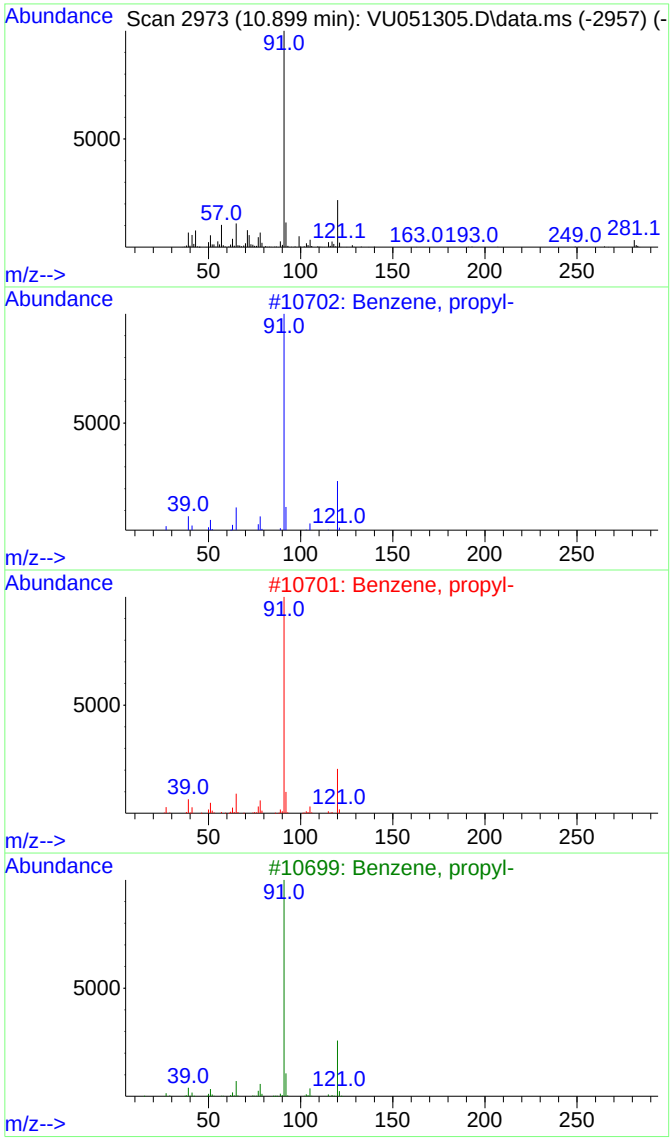
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

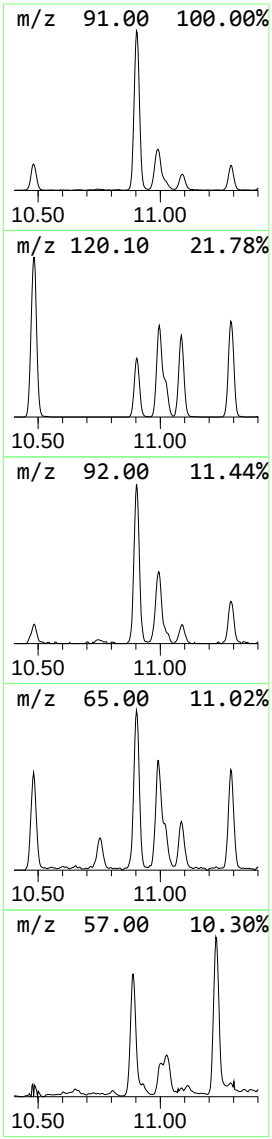
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.900	2.95 ug/L	734207	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Benzene, propyl-	120	C9H12	000103-65-1	58
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	53
5	N-(Cyclohexylmethyl)(phenyl)meth...	203	C14H21N	004352-47-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

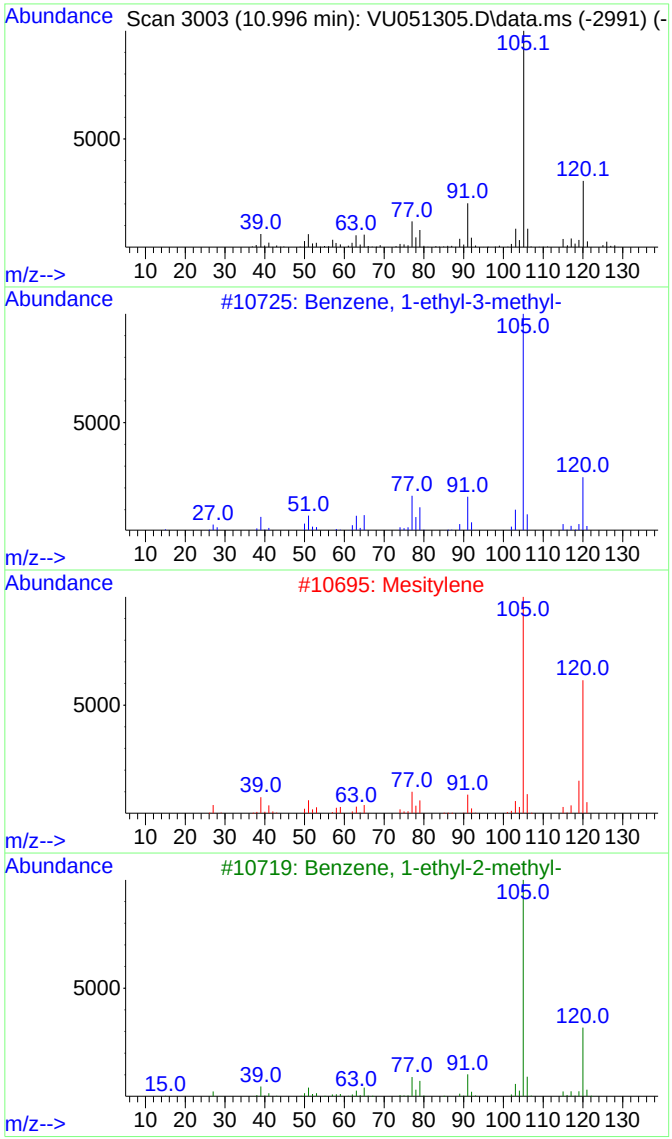
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

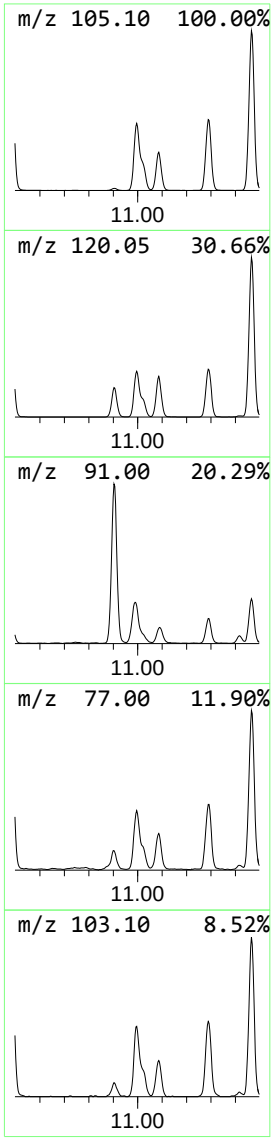
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	2.94 ug/L	733587	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

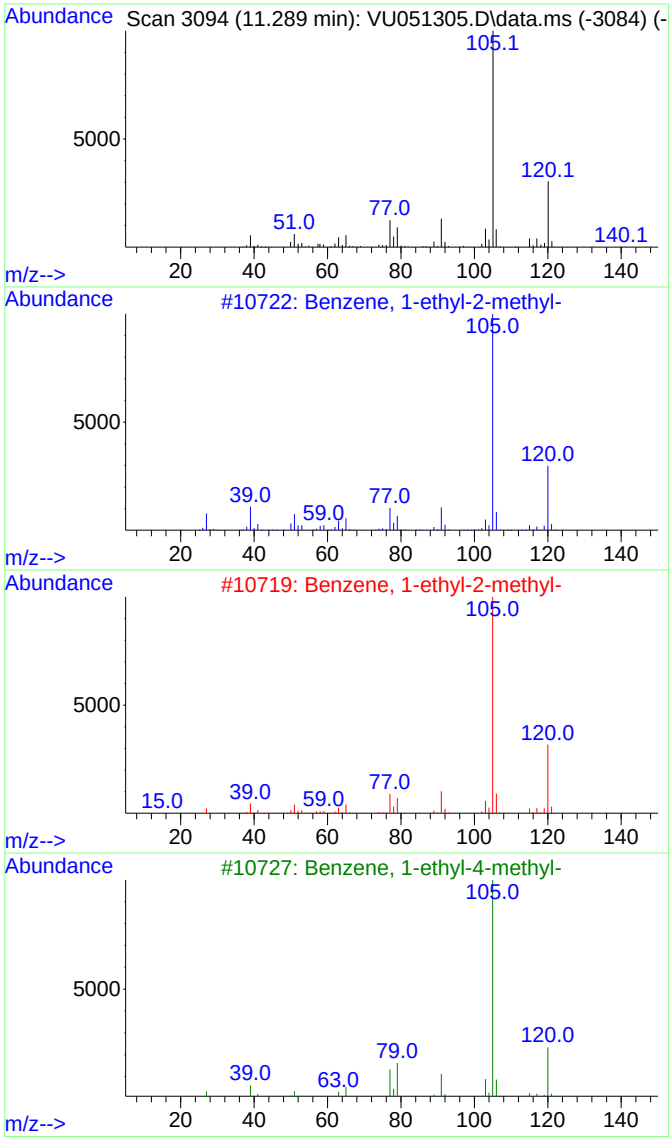
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

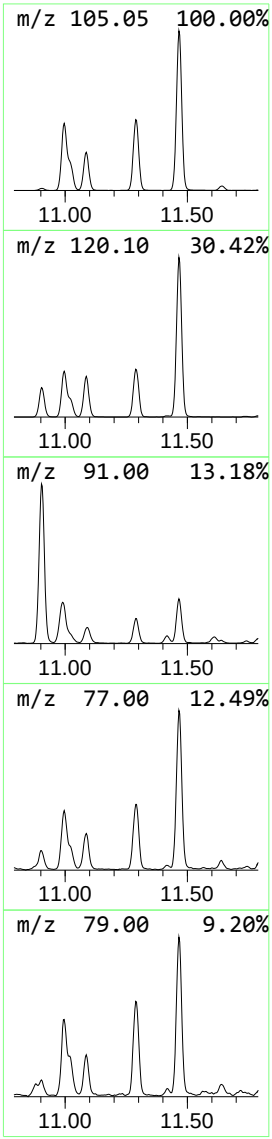
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.289	2.81 ug/L	699531	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-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

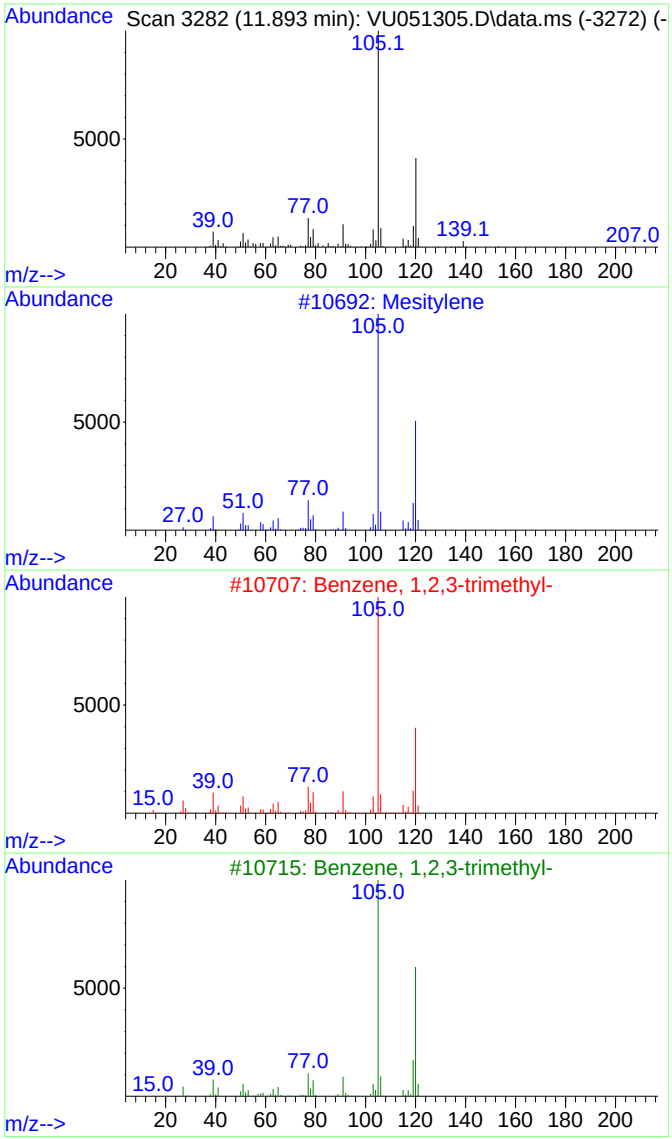
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

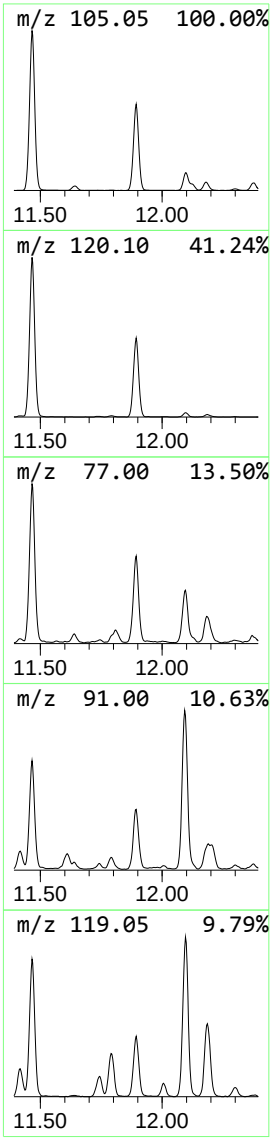
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	3.77 ug/L	938723	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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

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

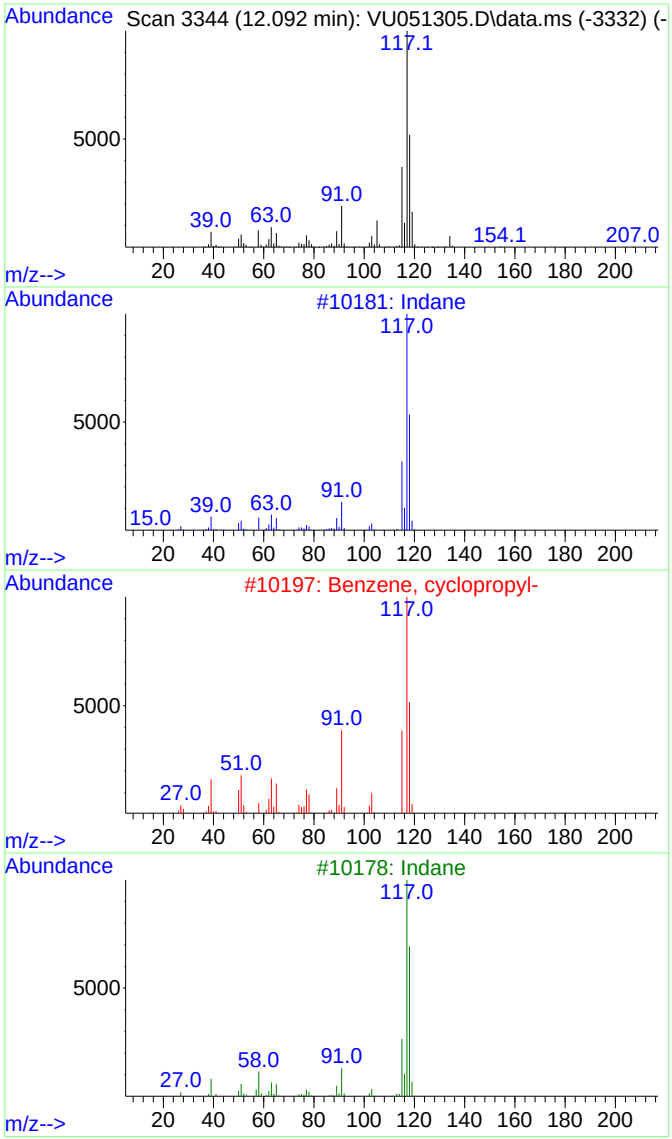
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

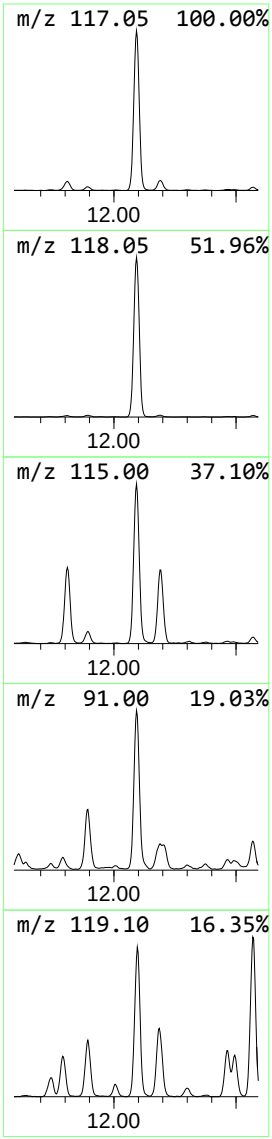
****

Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	6.66 ug/L	1660190	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	68
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

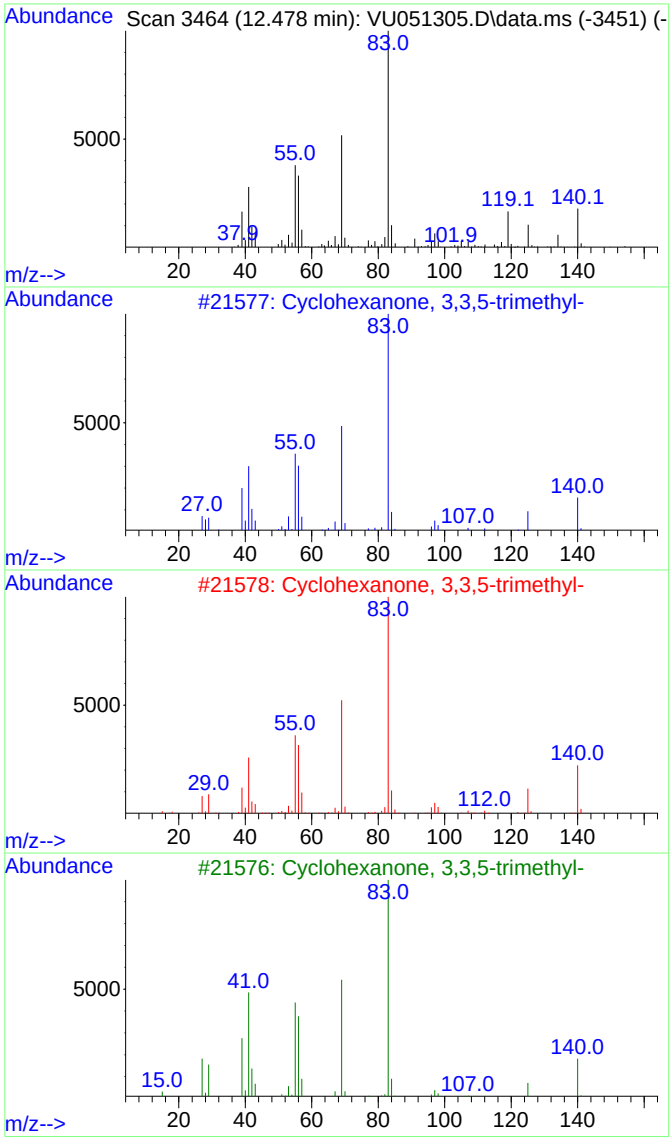
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

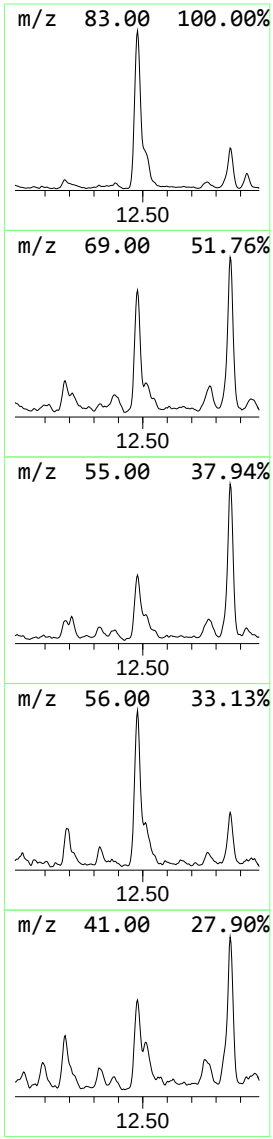
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	1.94 ug/L	483470	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	95
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	90
5	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

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

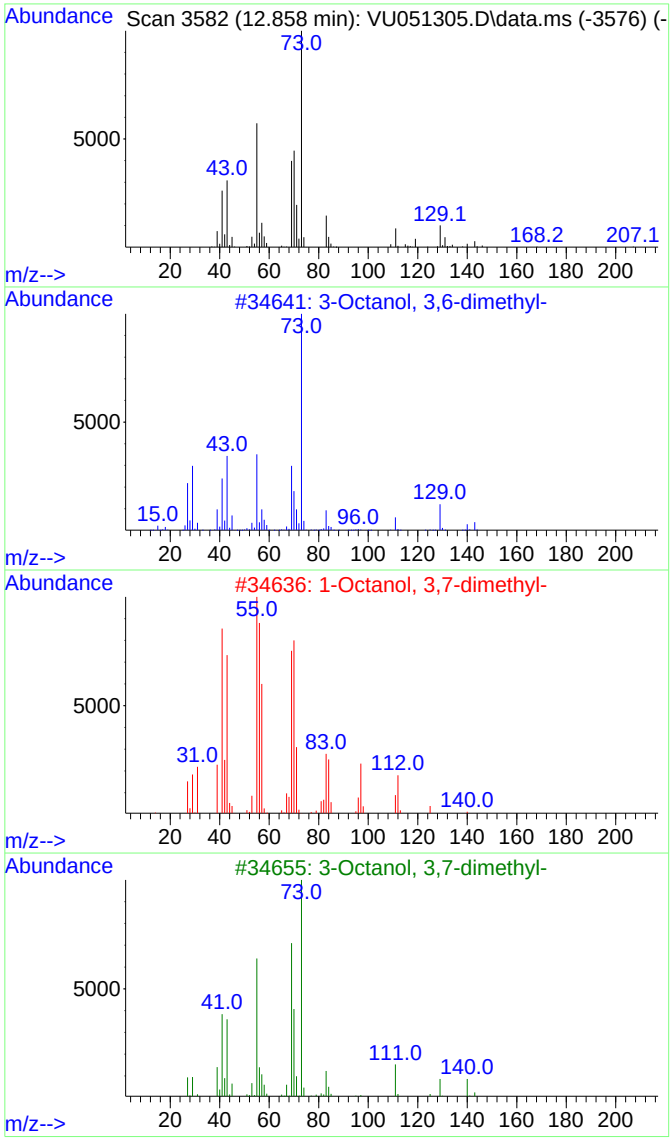
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

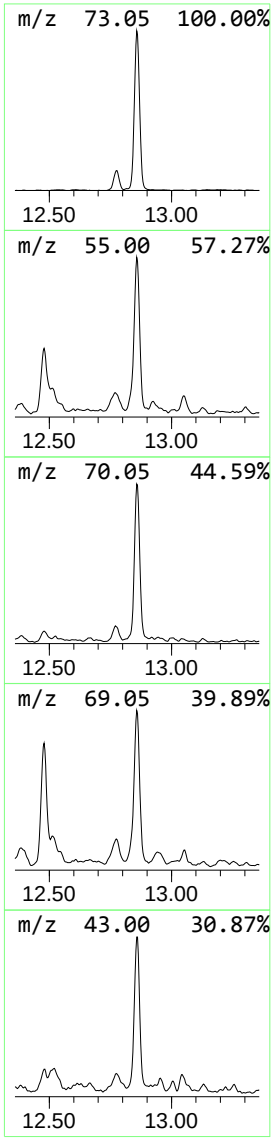
****

Peak Number 9 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.858	2.47 ug/L	615376	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	43
2	1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	43
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	42
4	Tetrahydrogeranyl formate	186	C11H22O2	1000429-39-6	38
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

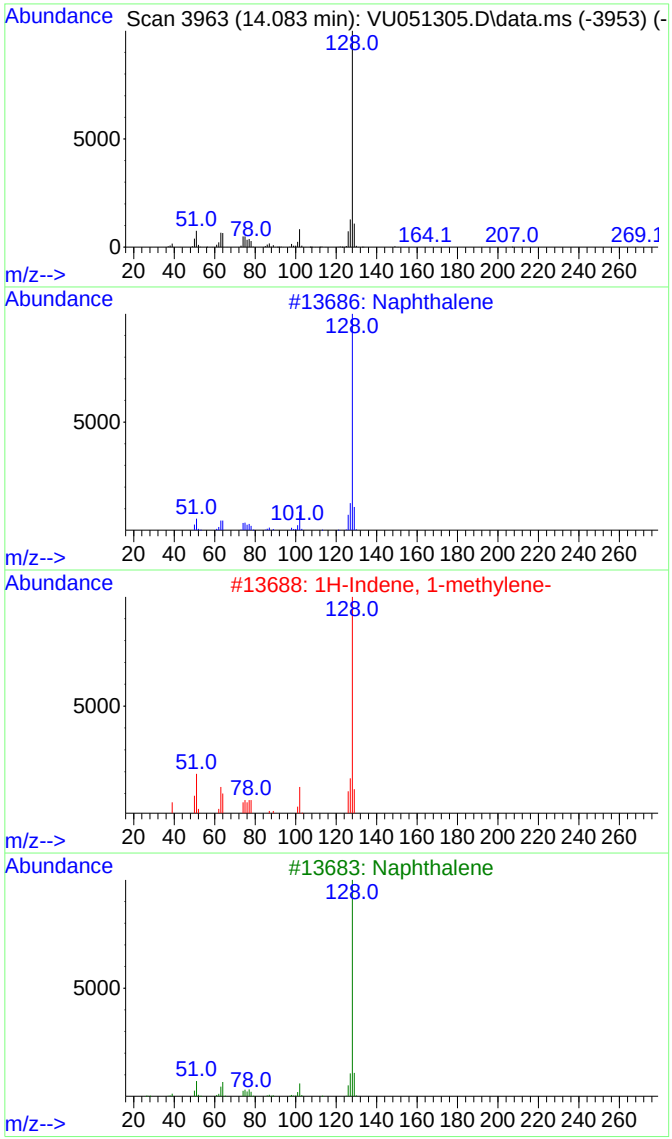
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

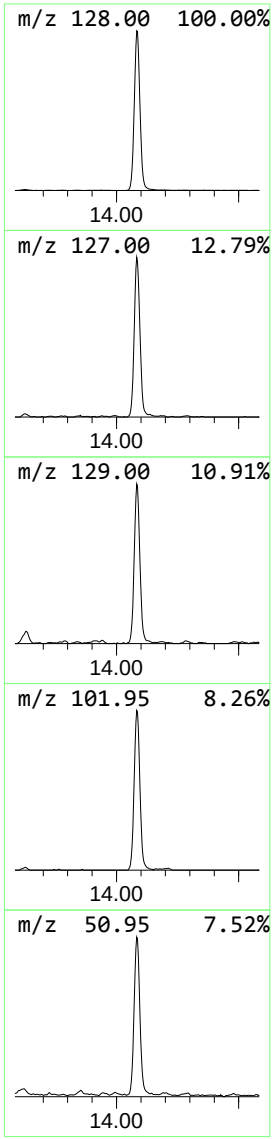
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methylene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.083	3.83 ug/L	955096	1,4-Dichlorobenzene-d4	11.809

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051305.D
Acq On : 09 Oct 2022 17:16
Operator : JC/MD
Sample : N5013-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA41

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
Ethyl ether	2.376	13.4	ug/L	1603490	1	6.247	597976	5.0
Diisopropyl ether	3.990	24.7	ug/L	2958430	1	6.247	597976	5.0
Benzene, propyl-	10.900	3.0	ug/L	734207	3	11.809	1246170	5.0
Benzene, 1-ethy...	10.996	2.9	ug/L	733587	3	11.809	1246170	5.0
Benzene, 1-ethy...	11.289	2.8	ug/L	699531	3	11.809	1246170	5.0
Benzene, 1,2,3-...	11.893	3.8	ug/L	938723	3	11.809	1246170	5.0
Indane	12.092	6.7	ug/L	1660190	3	11.809	1246170	5.0
Cyclohexanone, ...	12.478	1.9	ug/L	483470	3	11.809	1246170	5.0
unknown-01	12.858	2.5	ug/L	615376	3	11.809	1246170	5.0
1H-Indene, 1-me...	14.083	3.8	ug/L	955096	3	11.809	1246170	5.0