LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051558.D
Acq On : 27 Oct 2022 23:02
Operator : JC/MD
Sample : N5300-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

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: VU051558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	71	80	88	rBV	100138	126864	1.40%	0.442%
2	1.909	170	177	198	rVB2	96848	152984	1.69%	0.533%
3	2.375	312	322	338	rVB	159364	241087	2.66%	0.840%
4	2.562	368	380	398	rBV	143404	233728	2.58%	0.814%
5	3.989	807	824	845	rBV3	43676	117521	1.30%	0.409%
6	4.530	973	992	1009	rBV2	63776	161221	1.78%	0.562%
7	4.629	1011	1023	1052	rBV	178481	462516	5.10%	1.611%
8	5.060	1140	1157	1178	rBV	208825	478249	5.27%	1.666%
9	5.723	1343	1363	1368	rBV2	320864	771077	8.50%	2.686%
10	5.771	1368	1378	1424	rVB	2213907	4559198	50.24%	15.879%
11	6.247	1513	1526	1552	rBV	324353	617312	6.80%	2.150%
12	6.690	1648	1664	1677	rBV2	207238	409256	4.51%	1.425%
13	7.565	1923	1936	1954	rBV	78918	143947	1.59%	0.501%
14	7.896	2026	2039	2049	rBV	318803	549184	6.05%	1.913%
15	7.967	2049	2061	2100	rVB	5391213	9074832	100.00%	31.607%
16	8.179	2118	2127	2142	rVB	54451	93462	1.03%	0.326%
17	8.632	2254	2268	2308	rBV	571927	1070463	11.80%	3.728%
18	9.417	2498	2512	2517	rBV	461372	793428	8.74%	2.763%
19	9.568	2546	2559	2583	rBV	815941	1314192	14.48%	4.577%
20	9.690	2583	2597	2632	rVB	2246061	3624679	39.94%	12.624%
21	10.099	2711	2724	2745	rBV	735326	1183165	13.04%	4.121%
22	10.484	2830	2844	2857	rBV	100248	163490	1.80%	0.569%
23	10.754	2911	2928	2947	rVB	183849	302756	3.34%	1.054%
24	10.902	2958	2974	2990	rVB	46906	90847	1.00%	0.316%
25	10.996	2990	3003	3009	rBV	93973	163110	1.80%	0.568%
26	11.465	3139	3149	3166	rVB	223664	352806	3.89%	1.229%
27	11.809	3243	3256	3272	rBV	452080	752230	8.29%	2.620%
28	11.893	3272	3282	3302	rVB	77468	126613	1.40%	0.441%
29	12.192	3362	3375	3398	rVV	338700	581282	6.41%	2.025%

Sum of corrected areas: 28711499

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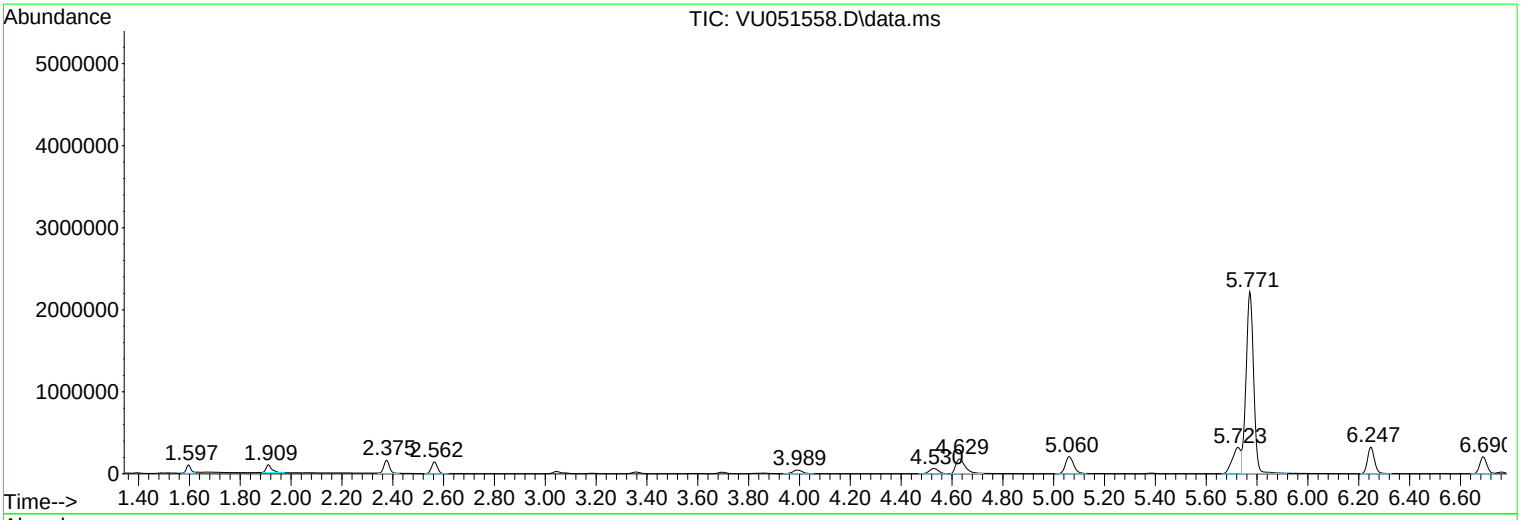
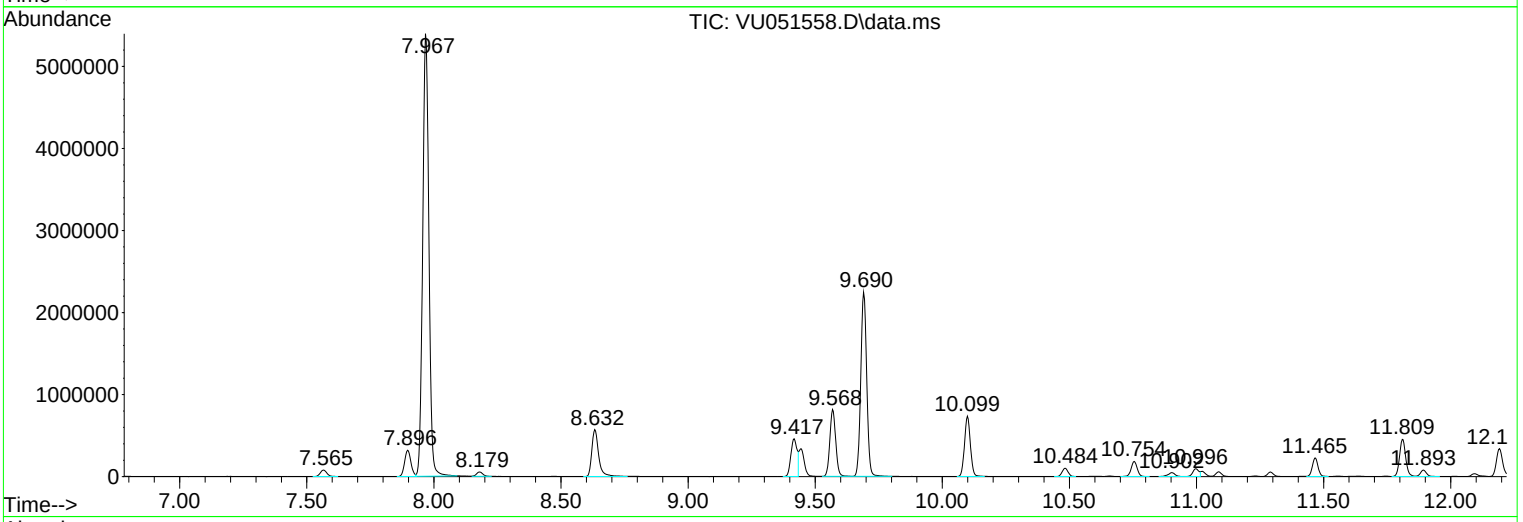
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

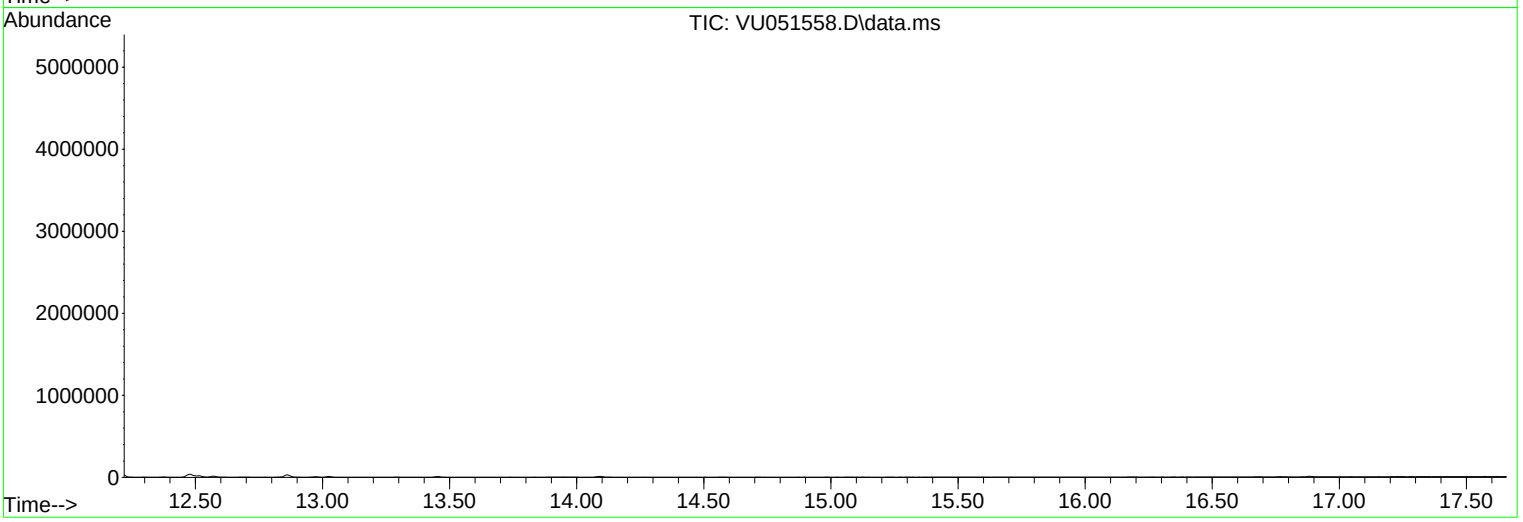
Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

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







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Data File : VU051558.D
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BHAC5DL

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

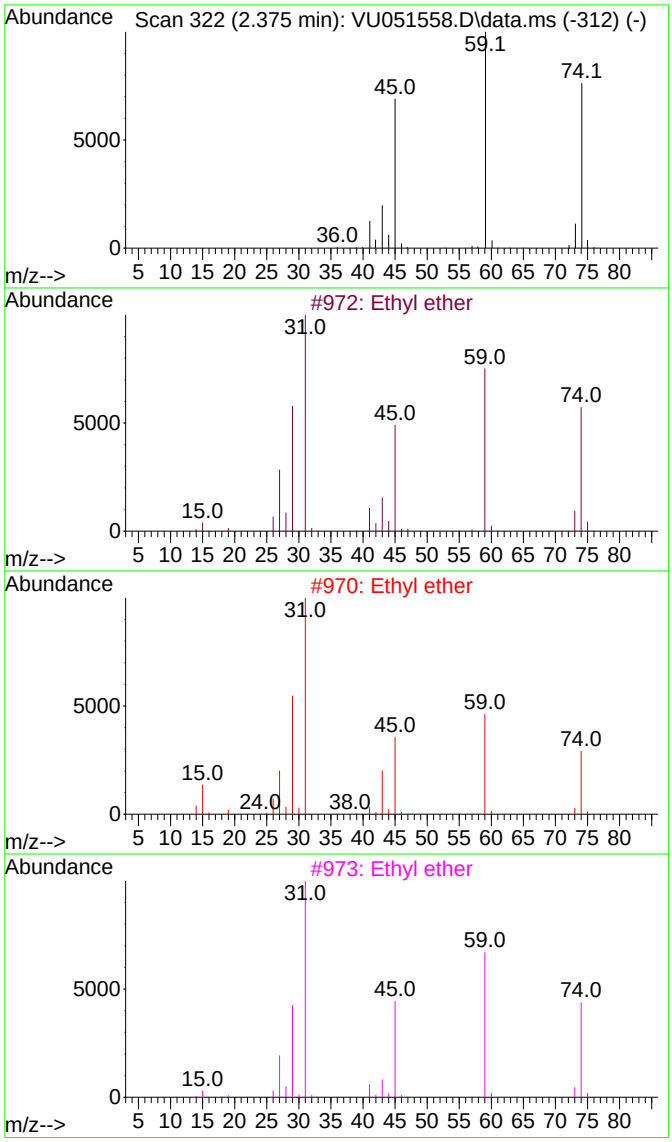
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

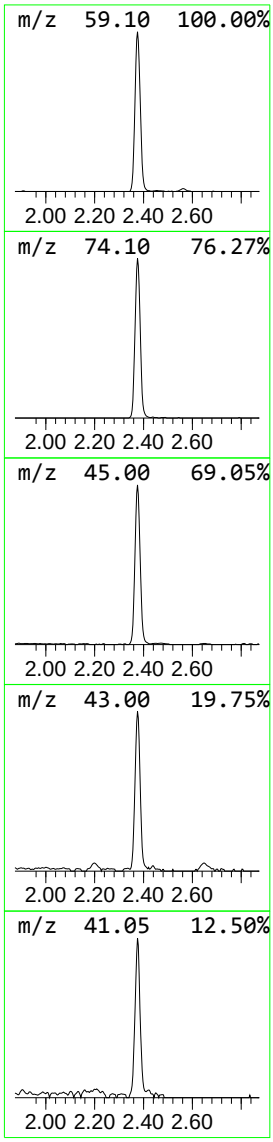
****

Peak Number 1 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	1.95 ug/L	241087	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	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	78
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	43





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Data File : VU051558.D
Acq On : 27 Oct 2022 23:02
Operator : JC/MD
Sample : N5300-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

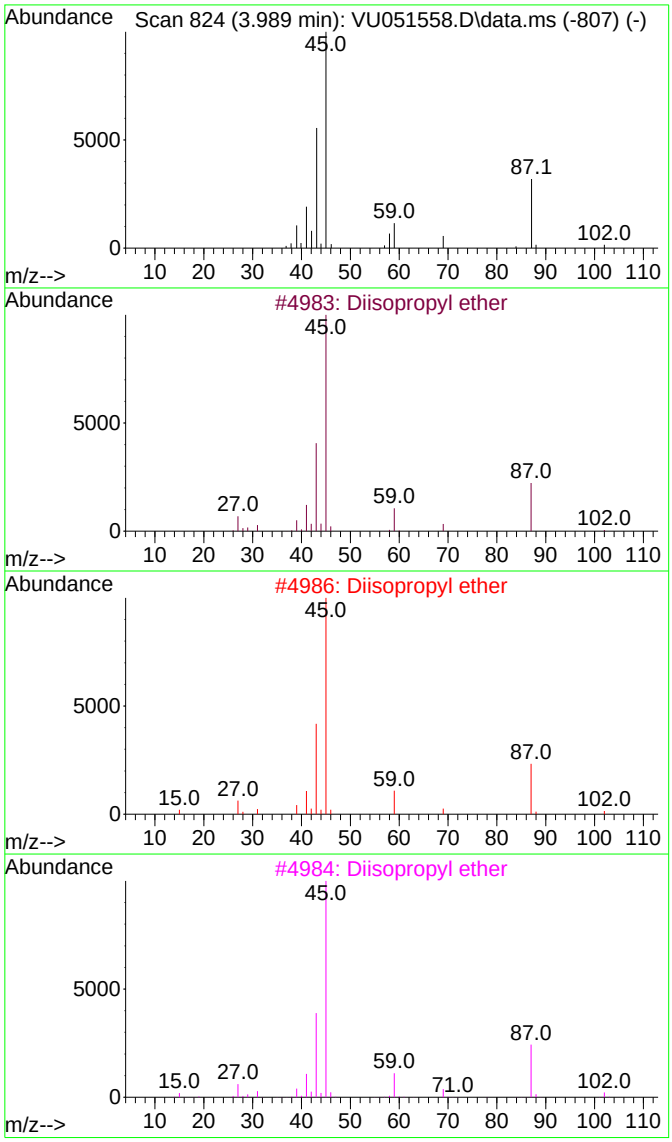
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

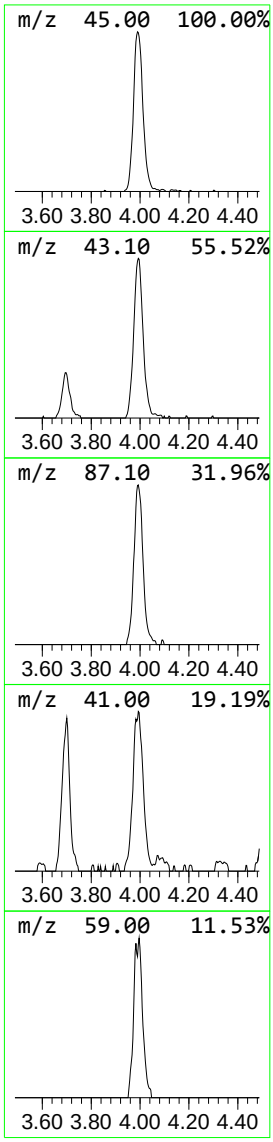
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diisopropyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.989	0.95 ug/L	117521	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	78
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	72
4	Diisopropyl ether	102	C6H14O	000108-20-3	64
5	Diisopropyl ether	102	C6H14O	000108-20-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051558.D
Acq On : 27 Oct 2022 23:02
Operator : JC/MD
Sample : N5300-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

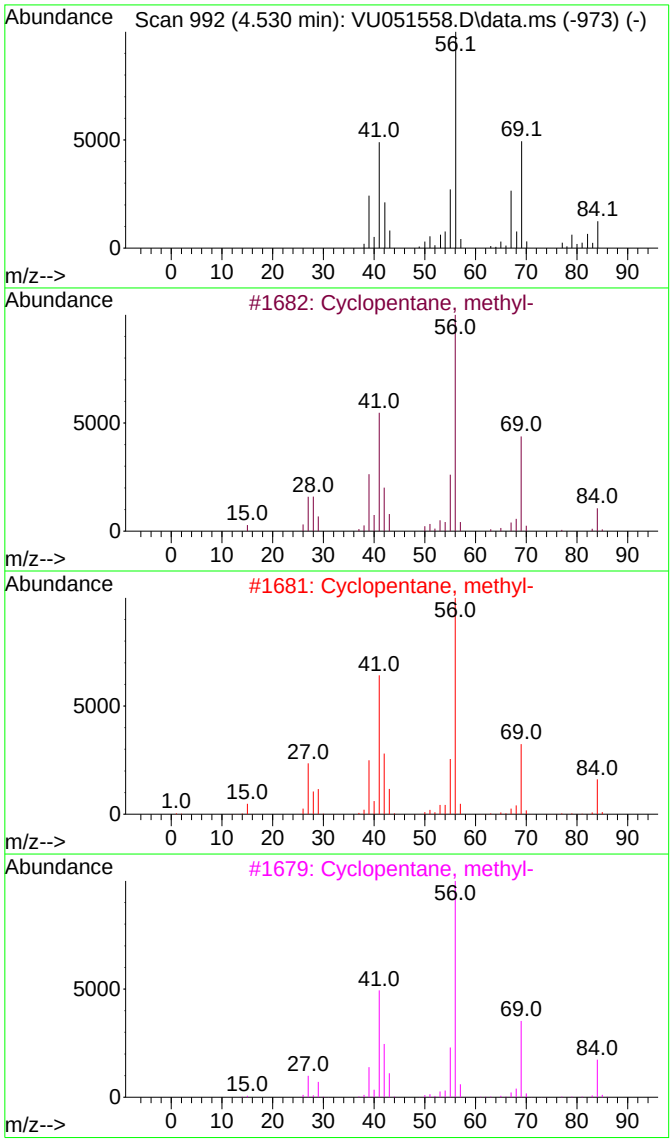
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

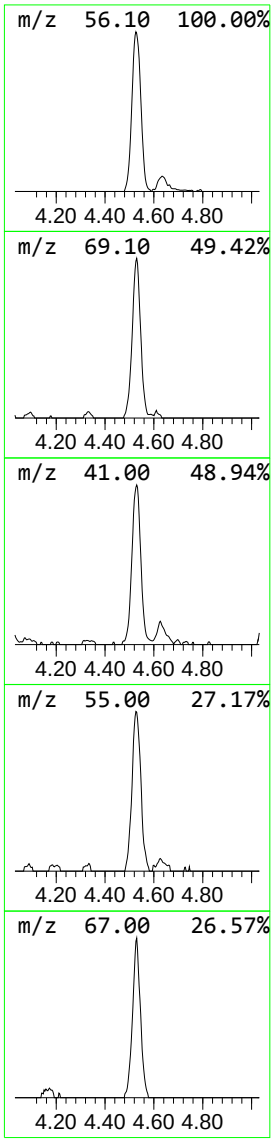
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.530 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	1.31 ug/L	161221	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52





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Data File : VU051558.D
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Operator : JC/MD
Sample : N5300-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

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

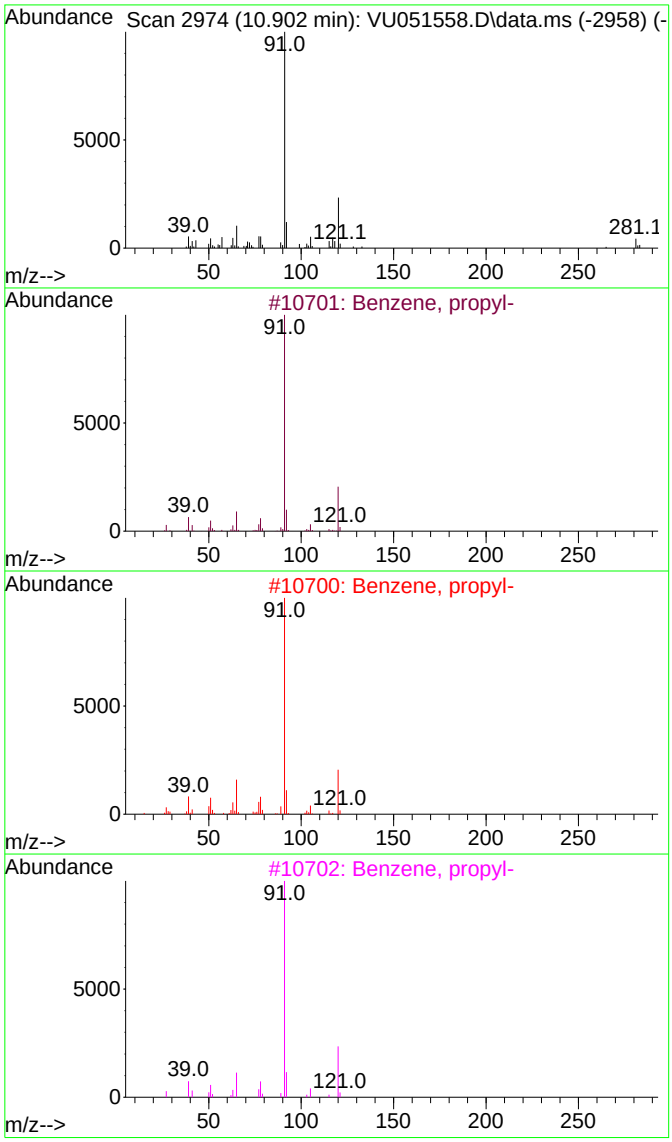
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

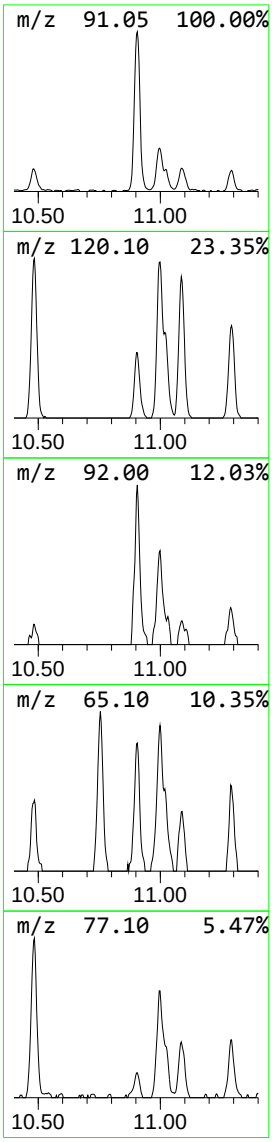
****

Peak Number 5 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	0.60 ug/L	90847	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	Benzene, propyl-	120	C9H12	000103-65-1	64
5	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	59





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Acq On : 27 Oct 2022 23:02
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Sample : N5300-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

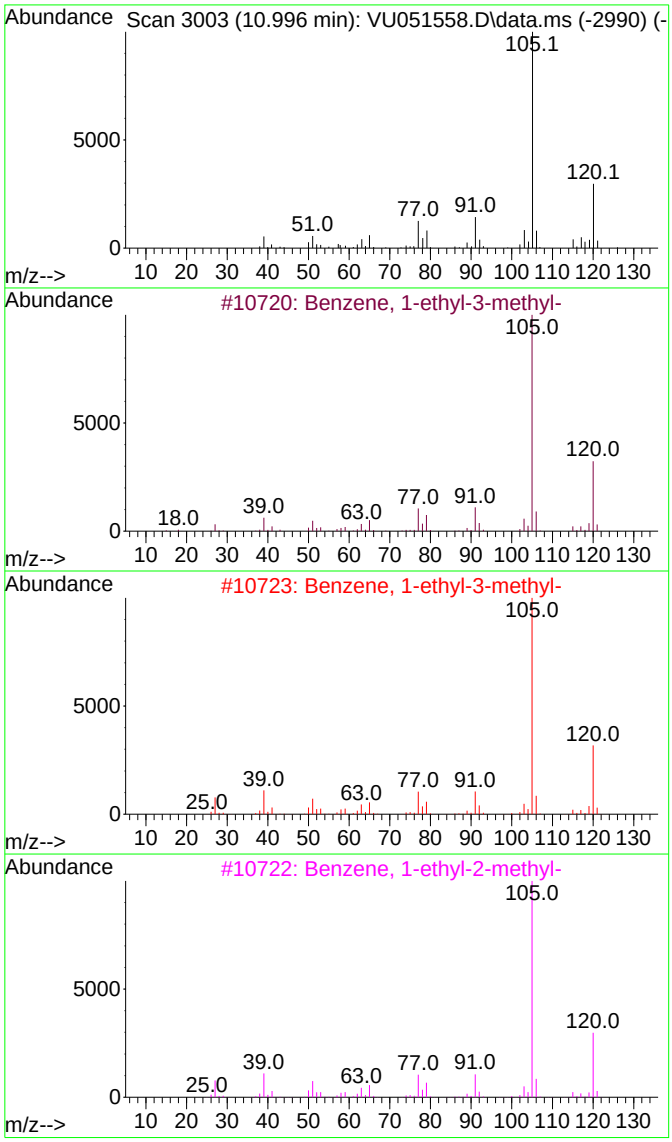
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

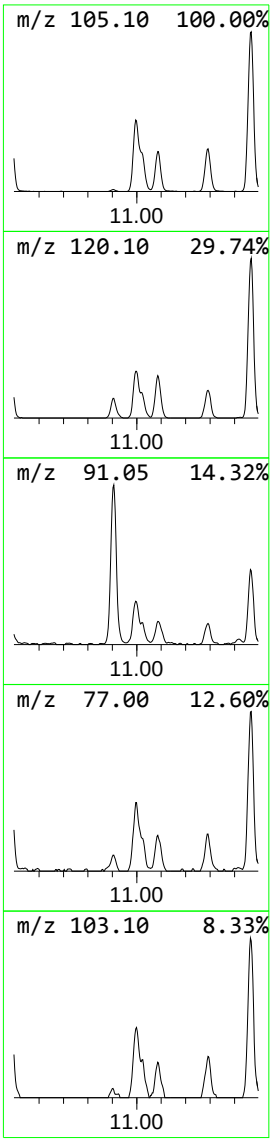
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	1.08 ug/L	163110	1,4-Dichlorobenzene-d4	11.812

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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL

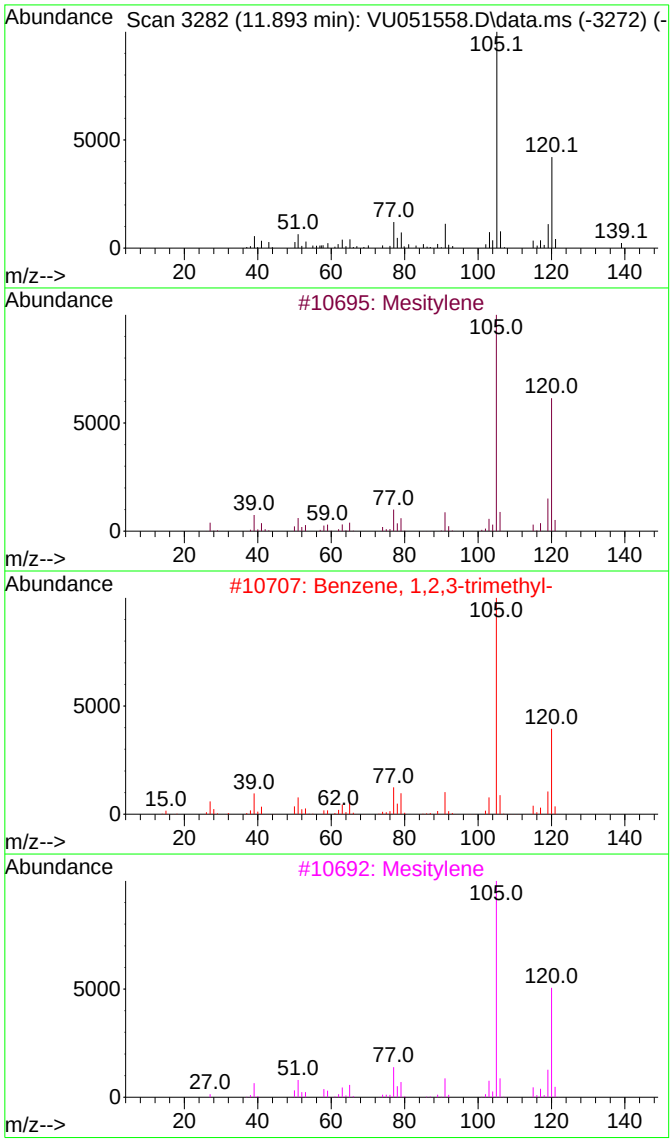
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

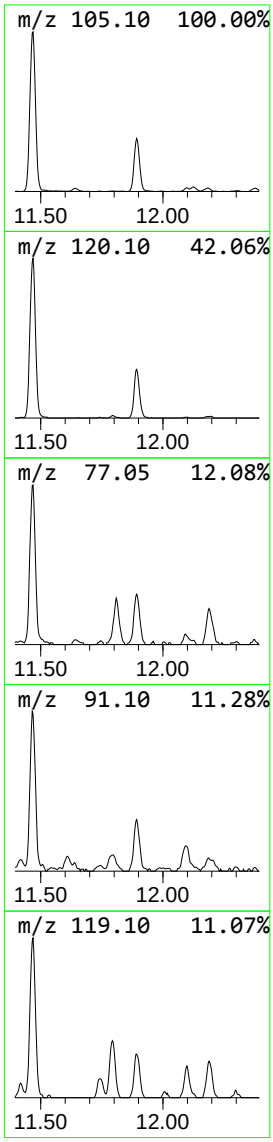
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	0.84 ug/L	126613	1,4-Dichlorobenzene-d4	11.812

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	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Tentatively Identified Compound (LSC) summary

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MSVOA_U
ClientSampleId :
BHAC5DL

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	2.375	2.0	ug/L	241087	1	6.247	617312	5.0
Diisopropyl ether	3.989	0.9	ug/L	117521	1	6.247	617312	5.0
(DEL) Alkane: C...	4.530	1.3	ug/L	161221	1	6.247	617312	5.0
Benzene, propyl-	10.902	0.6	ug/L	90847	3	11.812	752230	5.0
Benzene, 1-ethy...	10.996	1.1	ug/L	163110	3	11.812	752230	5.0
Benzene, 1,2,3-...	11.893	0.8	ug/L	126613	3	11.812	752230	5.0