LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

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\SFAMUTR110723WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.489	54	62	67	rBV	75000	75721	3.62%	0.447%
2	1.599	86	96	106	rBV2	159928	199261	9.54%	1.176%
3	1.689	117	124	132	rVV	26605	34729	1.66%	0.205%
4	1.911	183	193	210	rBV	110318	162161	7.76%	0.957%
5	1.991	211	218	227	rVB	21764	31574	1.51%	0.186%
6	2.451	352	361	372	rVB	47904	76453	3.66%	0.451%
7	2.563	381	396	408	rBV	221941	375000	17.95%	2.213%
8	2.637	408	419	452	rVB	168702	434087	20.77%	2.561%
9	2.862	458	489	492	rBV	45640	163469	7.82%	0.965%
10	3.139	562	575	593	rVB7	7463	22311	1.07%	0.132%
11	3.354	632	642	662	rVB4	9960	25228	1.21%	0.149%
12	4.624	1023	1037	1058	rBV	160259	538454	25.77%	3.177%
13	5.055	1154	1171	1191	rBV	222312	520096	24.89%	3.069%
14	5.721	1356	1378	1390	rBV2	433706	1135817	54.36%	6.702%
15	5.888	1417	1430	1444	rBV5	11422	27400	1.31%	0.162%
16	6.245	1528	1541	1570	rBV	438919	865373	41.41%	5.106%
17	6.537	1617	1632	1650	rBV	492510	935322	44.76%	5.519%
18	6.685	1664	1678	1699	rBV	265195	527763	25.26%	3.114%
19	6.788	1699	1710	1727	rVB3	9773	22336	1.07%	0.132%
20	7.161	1808	1826	1844	rBV	35155	74223	3.55%	0.438%
21	7.560	1939	1950	1967	rBV	125641	230010	11.01%	1.357%
22	7.894	2041	2054	2075	rBV	500914	906334	43.37%	5.348%
23	8.177	2131	2142	2159	rBV	77091	135857	6.50%	0.802%
24	8.547	2243	2257	2272	rBV	1217878	2089627	100.00%	12.330%
25	8.630	2272	2283	2322	rVV	651649	1311237	62.75%	7.737%
26	8.785	2322	2331	2351	rVB3	43183	85496	4.09%	0.504%
27	9.412	2514	2526	2551	rBV	624289	1085230	51.93%	6.403%
28	10.341	2801	2815	2833	rBV2	38746	73659	3.52%	0.435%
29	10.479	2849	2858	2874	rBV2	15081	27203	1.30%	0.161%
30	10.753	2928	2943	2955	rBV	213121	349374	16.72%	2.061%
31	11.640	3204	3219	3225	rBV10	16226	31285	1.50%	0.185%
32	11.685	3225	3233	3242	rVB	57001	85210	4.08%	0.503%
33	11.807	3259	3271	3287	rBV	659493	1085044	51.93%	6.402%
34	11.888	3287	3296	3308	rVB	204446	320248	15.33%	1.890%
35	12.058	3339	3349	3374	rBV2	80669	221197	10.59%	1.305%
36	12.187	3378	3389	3403	rVV	534577	899568	43.05%	5.308%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

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\SFAMUTR110723WMA.M
Title : TRACE VOA SFAM1.0

37	12.482	3469	3481	3497	rVV2	29952	53346	2.55%	0.315%
38	12.675	3530	3541	3558	rBV2	190219	343940	16.46%	2.029%
39	12.881	3592	3605	3624	rBV3	157483	266348	12.75%	1.572%
40	13.019	3639	3648	3664	rVB	146453	230861	11.05%	1.362%
41	13.193	3692	3702	3710	rBV3	18513	28673	1.37%	0.169%
42	13.441	3763	3779	3792	rBV	195361	305896	14.64%	1.805%
43	13.521	3793	3804	3815	rVV5	12520	21540	1.03%	0.127%
44	13.621	3826	3835	3847	rVB5	19004	34787	1.66%	0.205%
45	13.781	3876	3885	3893	rBV3	23185	39756	1.90%	0.235%
46	13.878	3903	3915	3921	rBV9	13155	30202	1.45%	0.178%
47	13.936	3925	3933	3945	rVB2	55630	88505	4.24%	0.522%
48	14.203	4000	4016	4026	rBV	94012	172941	8.28%	1.020%
49	15.167	4305	4316	4326	rBV2	34992	58557	2.80%	0.346%
50	15.418	4378	4394	4412	rBV5	14885	34200	1.64%	0.202%
51	15.952	4550	4560	4570	rBV2	31424	54746	2.62%	0.323%

Sum of corrected areas: 16947655

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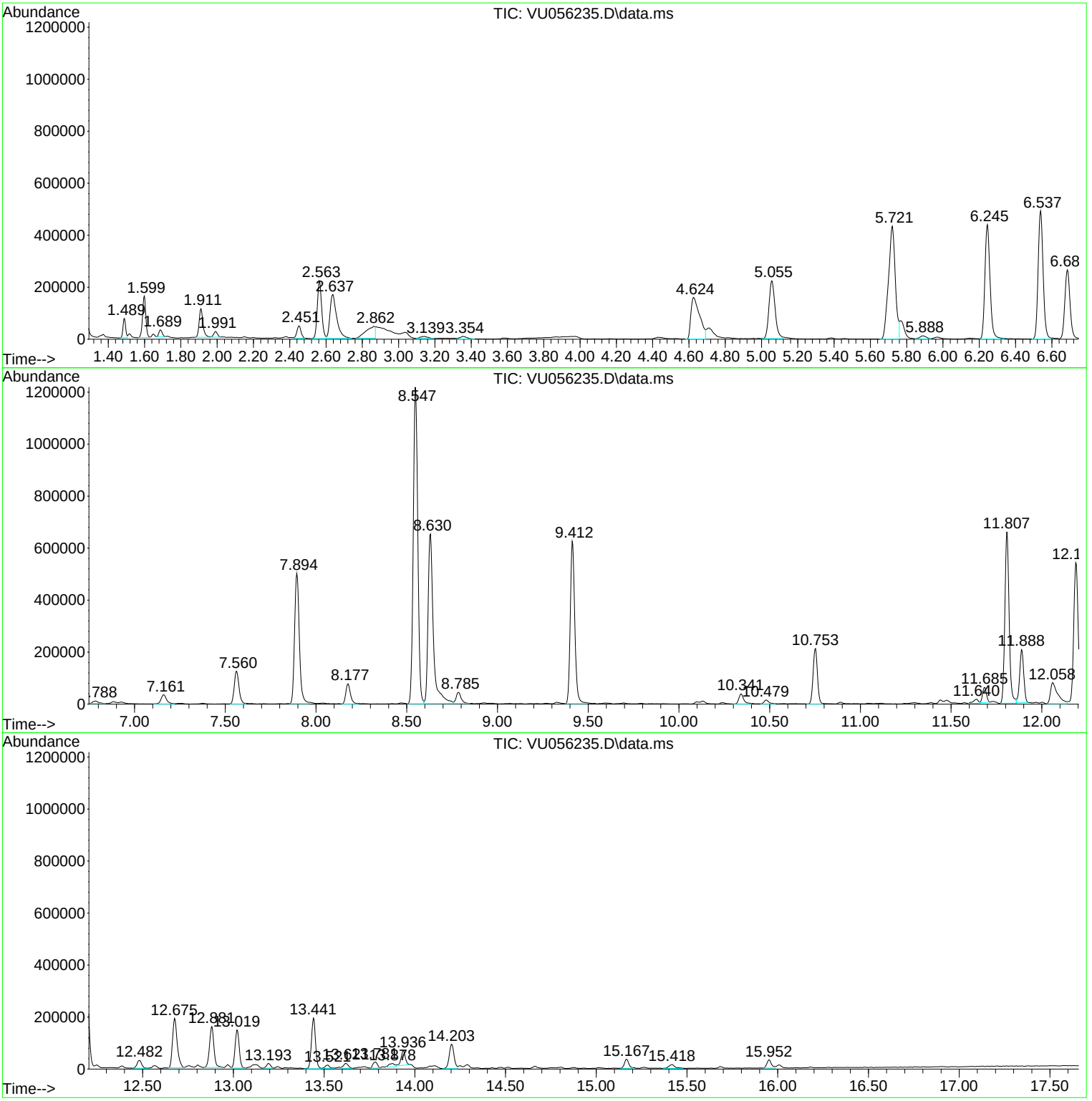
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.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\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

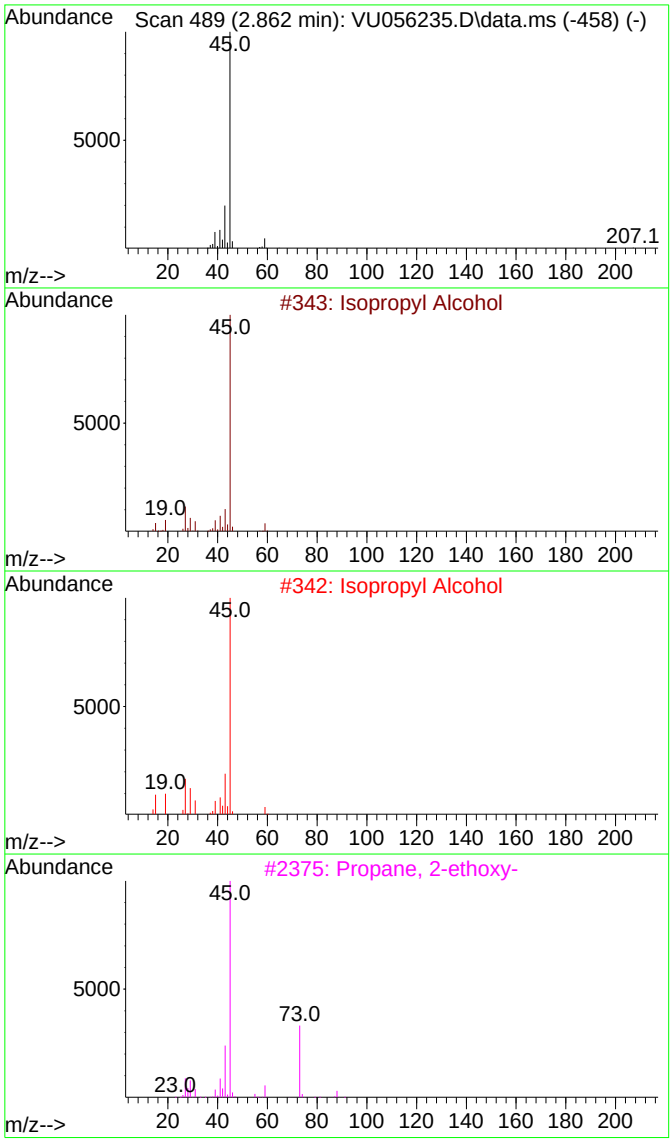
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

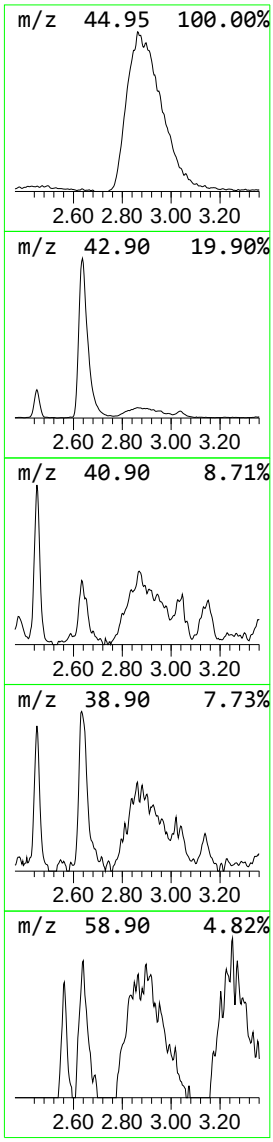
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.862	0.94 ug/L	163469	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
5	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

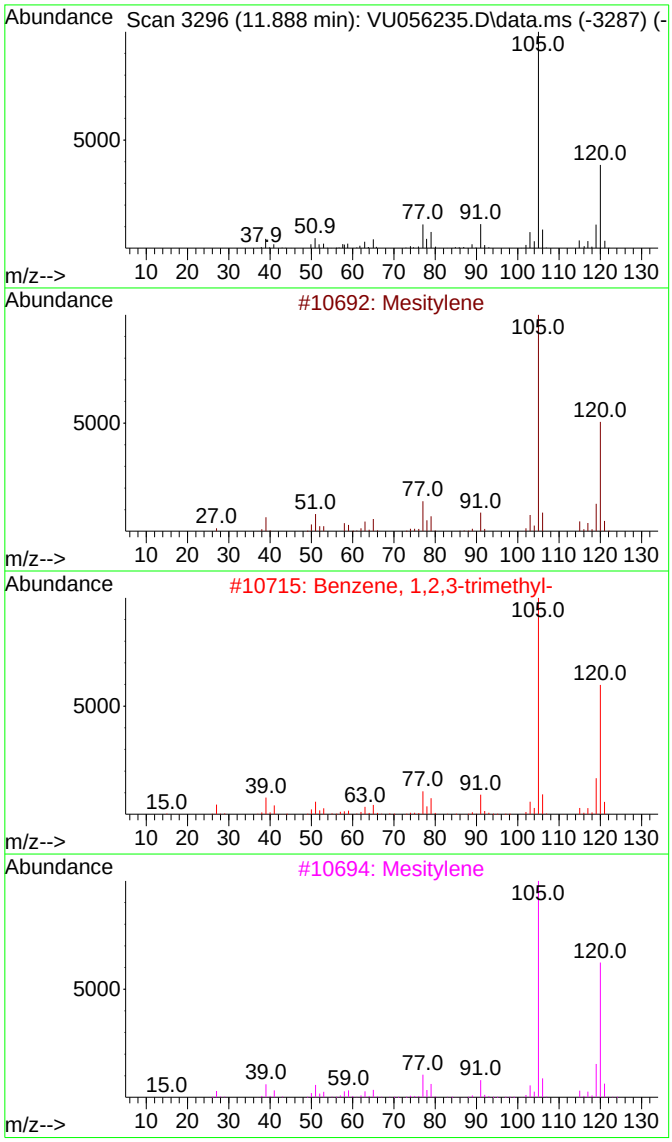
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

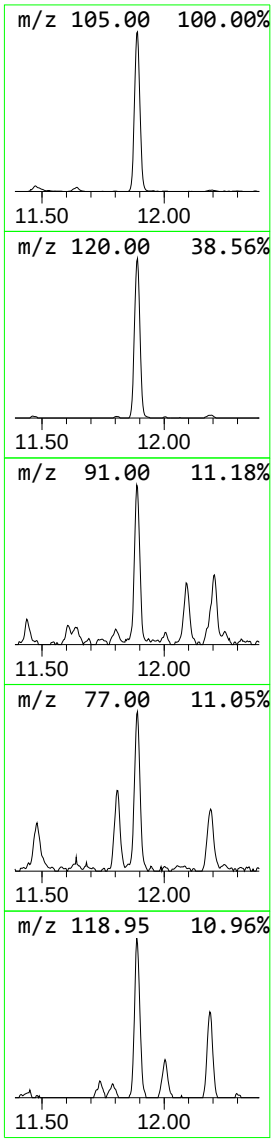
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	1.48 ug/L	320248	1,4-Dichlorobenzene-d4	11.807

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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

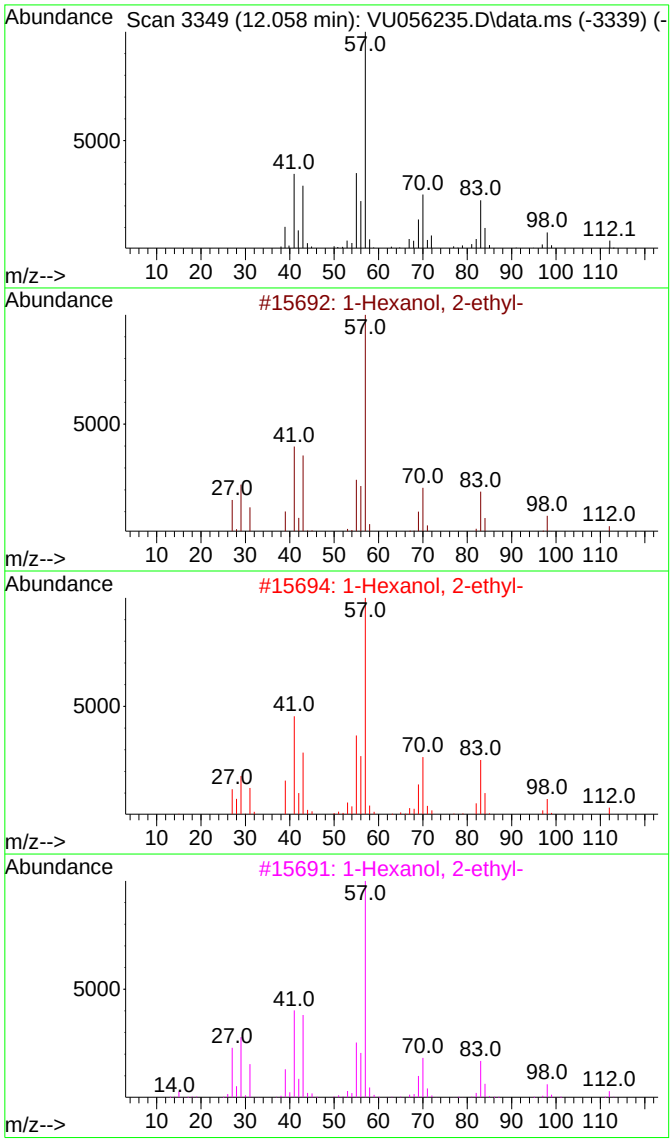
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

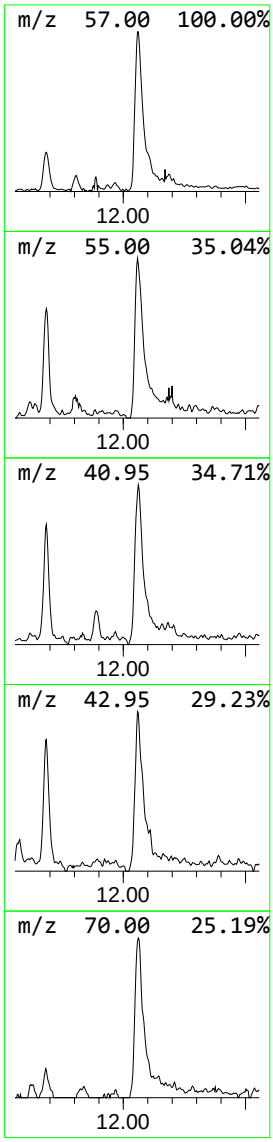
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.058	1.02 ug/L	221197	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

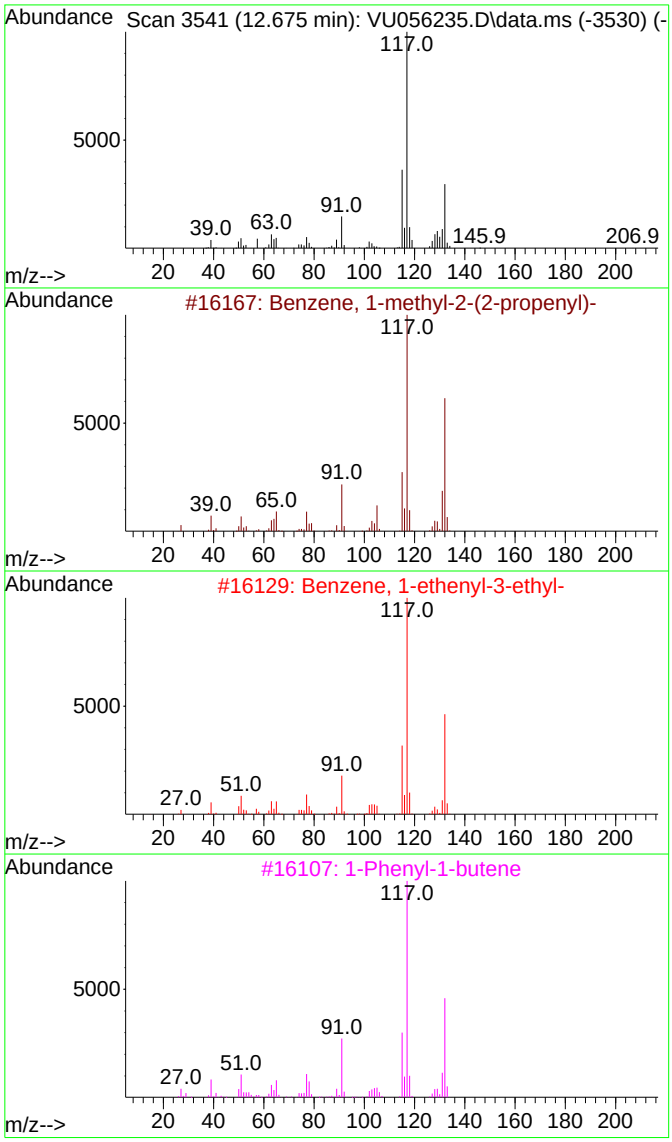
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

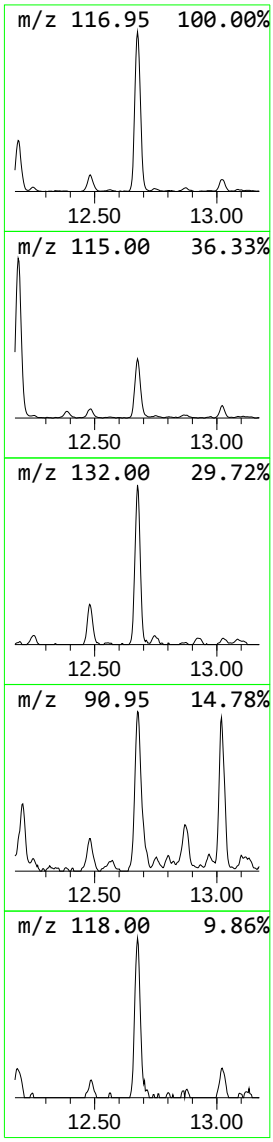
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	1.58 ug/L	343940	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

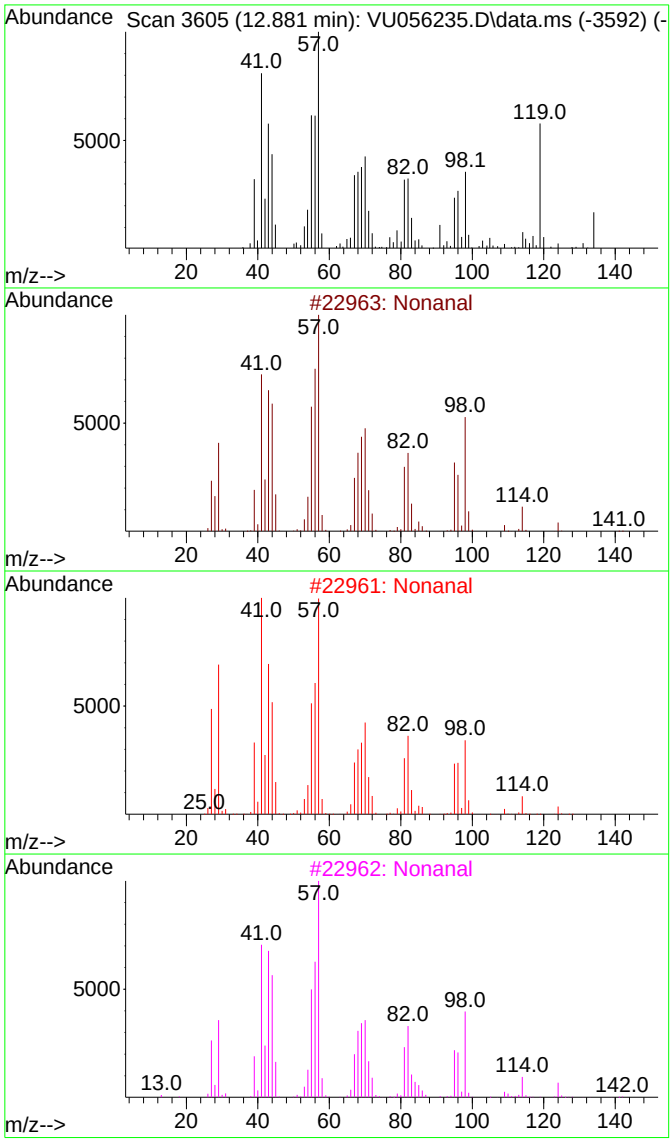
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

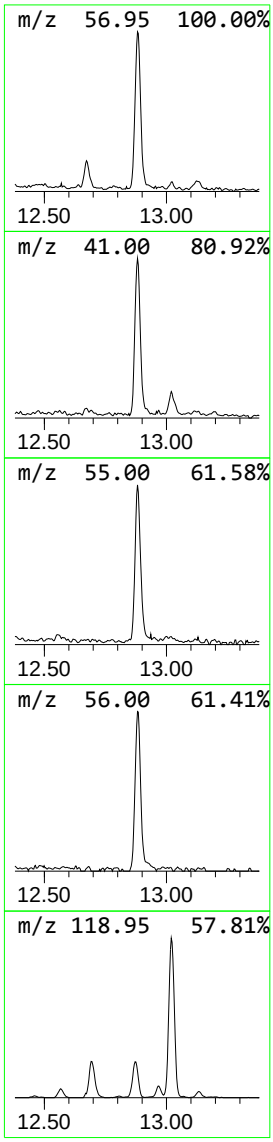
****

Peak Number 6 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.881	1.23 ug/L	266348	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	64
2	Nonanal	142	C9H18O	000124-19-6	64
3	Nonanal	142	C9H18O	000124-19-6	52
4	o-Cymene	134	C10H14	000527-84-4	25
5	p-Cymene	134	C10H14	000099-87-6	25





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MSVOA_U
ClientSampleId :
GCDP0

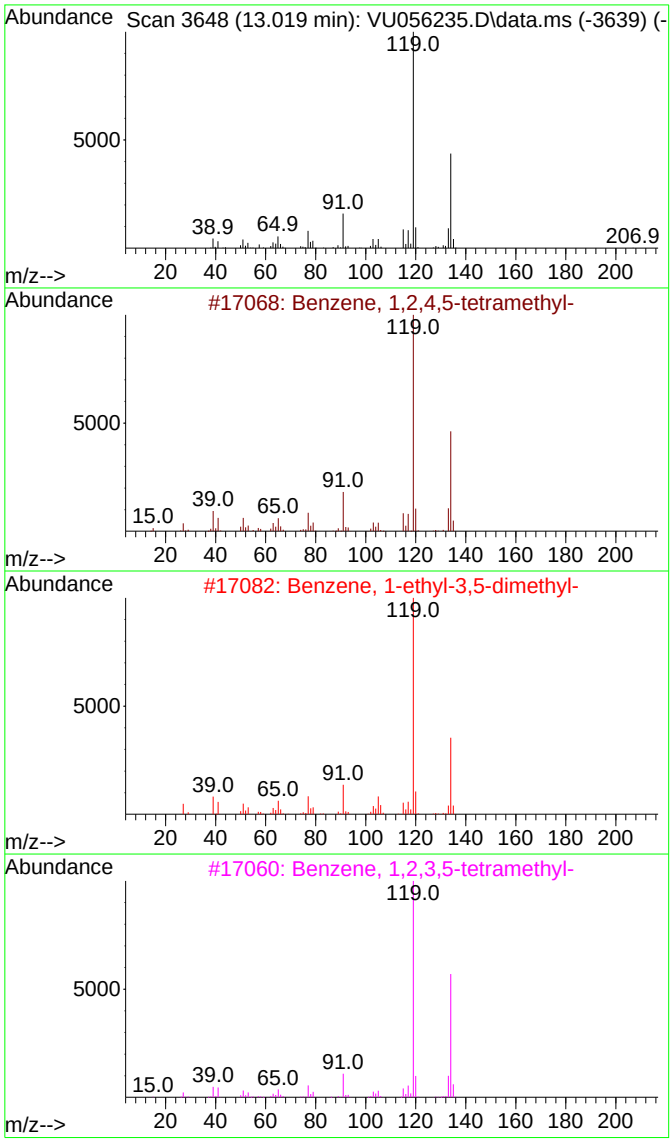
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

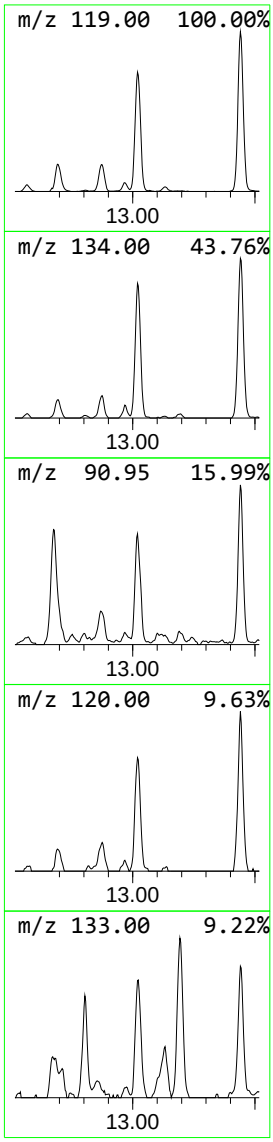
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	1.06 ug/L	230861	1,4-Dichlorobenzene-d4	11.807

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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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MSVOA_U
ClientSampleId :
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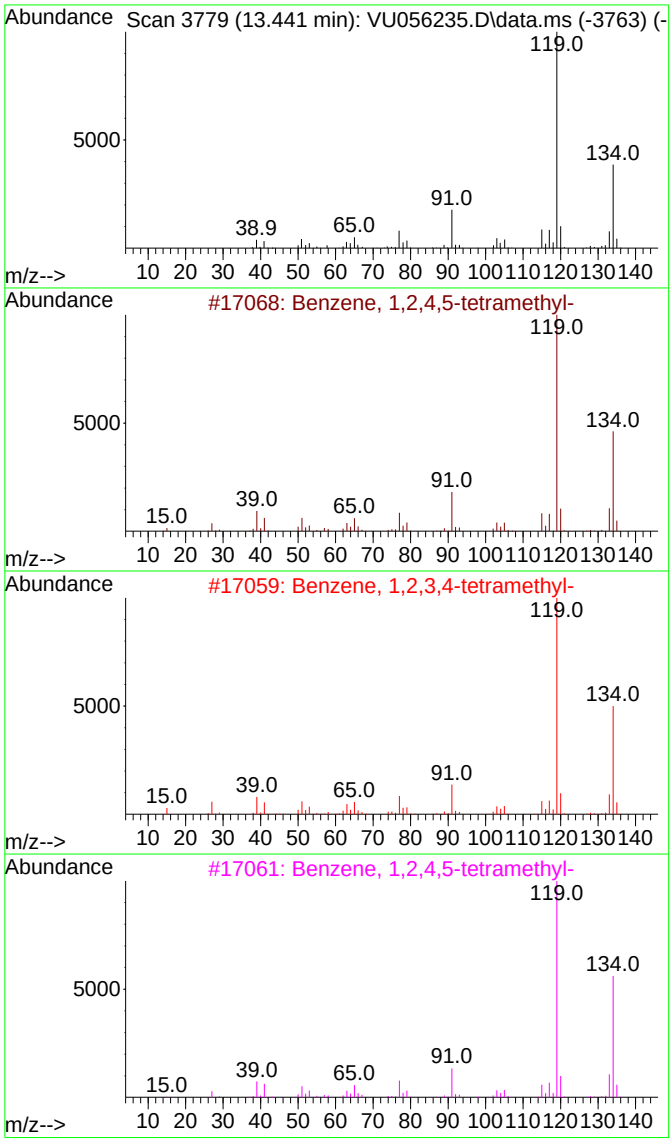
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

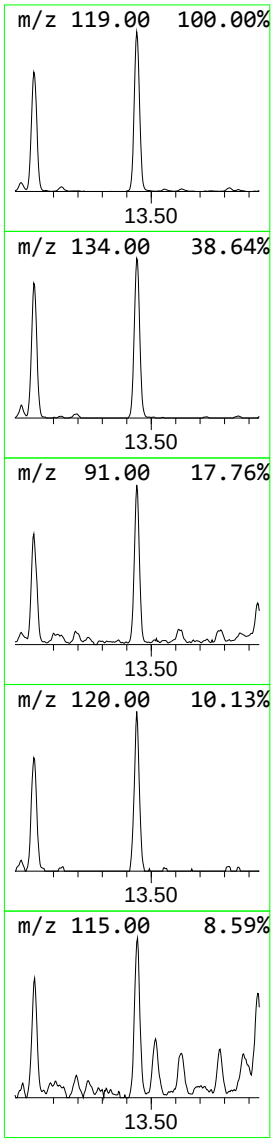
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	1.41 ug/L	305896	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
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Operator : MD/SY
Sample : 05371-13
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

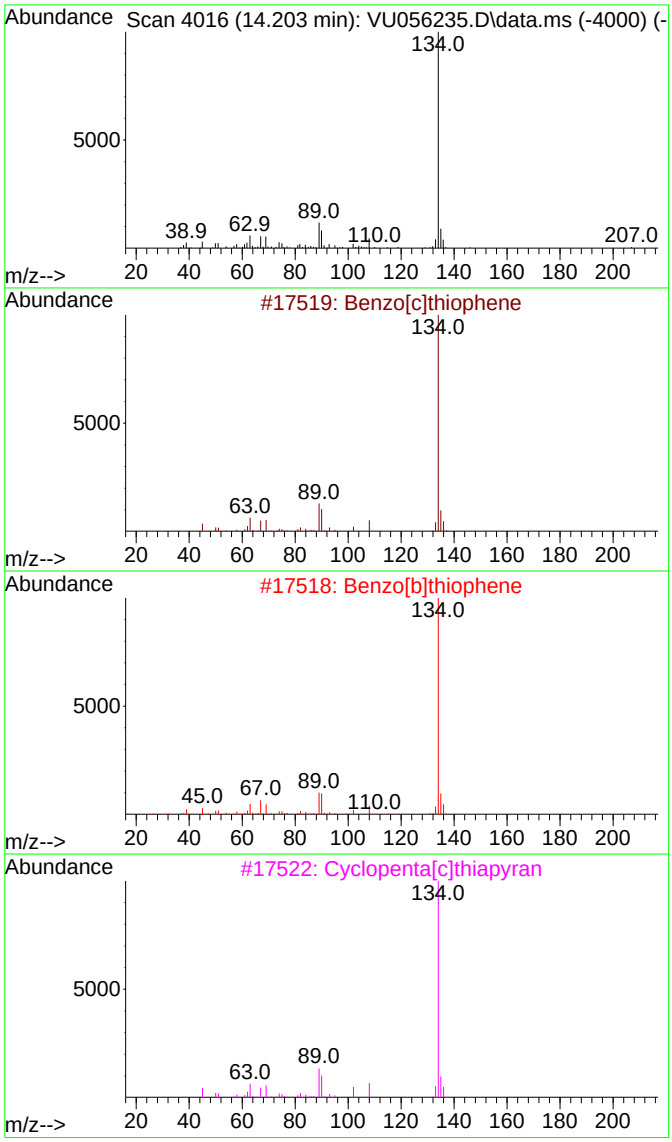
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

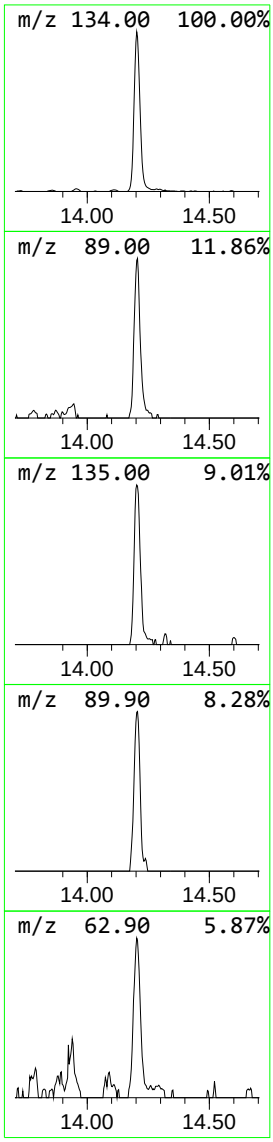
****

Peak Number 9 Benzo[c]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	0.80 ug/L	172941	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056235.D
Acq On : 11 Nov 2023 23:20
Operator : MD/SY
Sample : 05371-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.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
Isopropyl Alcohol	2.862	0.9	ug/L	163469	1	6.245	865373	5.0
Benzene, 1,2,3-...	11.888	1.5	ug/L	320248	3	11.807	1085040	5.0
1-Hexanol, 2-et...	12.058	1.0	ug/L	221197	3	11.807	1085040	5.0
Benzene, 1-meth...	12.675	1.6	ug/L	343940	3	11.807	1085040	5.0
Nonanal	12.881	1.2	ug/L	266348	3	11.807	1085040	5.0
Benzene, 1,2,4,...	13.019	1.1	ug/L	230861	3	11.807	1085040	5.0
Benzene, 1,2,3,...	13.441	1.4	ug/L	305896	3	11.807	1085040	5.0
Benzo[c]thiophene	14.203	0.8	ug/L	172941	3	11.807	1085040	5.0