LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028081.D
Acq On : 23 Sep 2022 00:20
Operator : SY/MD
Sample : N4621-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8G9

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_V\Method\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	16	20	23	rBV	20482	16231	1.97%	0.189%
2	1.130	23	28	46	rVB	345765	430619	52.14%	5.020%
3	1.211	49	53	58	rBV2	20200	16500	2.00%	0.192%
4	1.301	74	81	93	rVB	150213	151704	18.37%	1.768%
5	1.381	100	106	109	rBV	16873	18185	2.20%	0.212%
6	1.410	109	115	126	rVB	159120	178999	21.67%	2.087%
7	1.565	155	163	175	rVB	118344	133475	16.16%	1.556%
8	1.947	276	282	296	rVB2	20162	32012	3.88%	0.373%
9	2.101	319	330	342	rBV	239506	347022	42.02%	4.045%
10	2.172	346	352	369	rVB	11724	24603	2.98%	0.287%
11	2.500	441	454	464	rBV9	4903	10890	1.32%	0.127%
12	2.658	490	503	505	rBV8	10783	18546	2.25%	0.216%
13	2.950	582	594	613	rVB3	7371	16801	2.03%	0.196%
14	3.285	685	698	715	rBV3	23661	55398	6.71%	0.646%
15	3.896	869	888	927	rBV2	112156	463670	56.14%	5.405%
16	4.343	1013	1027	1052	rVB	153665	377271	45.68%	4.398%
17	5.040	1227	1244	1269	rBV2	327007	825921	100.00%	9.628%
18	5.326	1319	1333	1345	rBV8	10194	25880	3.13%	0.302%
19	5.613	1409	1422	1456	rBV	209053	434051	52.55%	5.060%
20	6.066	1549	1563	1583	rBV	190433	400191	48.45%	4.665%
21	6.410	1657	1670	1675	rBV4	15151	33806	4.09%	0.394%
22	6.793	1775	1789	1802	rBV6	14732	30724	3.72%	0.358%
23	6.982	1837	1848	1866	rBV	90100	173614	21.02%	2.024%
24	7.313	1938	1951	1970	rBV	379149	675680	81.81%	7.877%
25	7.619	2038	2046	2057	rBV	47958	89502	10.84%	1.043%
26	7.937	2137	2145	2153	rBV4	7054	12602	1.53%	0.147%
27	8.085	2181	2191	2223	rBV	334160	724148	87.68%	8.442%
28	8.220	2223	2233	2252	rVB6	29296	91007	11.02%	1.061%
29	8.847	2418	2428	2450	rBV	322590	549100	66.48%	6.401%
30	9.111	2492	2510	2511	rBV	9401	20199	2.45%	0.235%
31	9.233	2537	2548	2551	rBV9	8969	16046	1.94%	0.187%
32	9.445	2605	2614	2621	rBV8	10722	20790	2.52%	0.242%
33	9.493	2622	2629	2638	rVV6	15030	25244	3.06%	0.294%
34	9.799	2713	2724	2735	rBV6	8819	20852	2.52%	0.243%
35	10.008	2781	2789	2799	rVB6	7886	15092	1.83%	0.176%
36	10.137	2821	2829	2840	rVV6	12700	26566	3.22%	0.310%

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Integration Parameters: rteint.p
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

37	10.214	2840	2853	2869	rVB	134865	225977	27.36%	2.634%
38	10.374	2892	2903	2904	rBV10	8672	12737	1.54%	0.148%
39	10.741	3009	3017	3022	rBV9	5520	9175	1.11%	0.107%
40	11.085	3119	3124	3132	rVB2	11180	15943	1.93%	0.186%
41	11.246	3163	3174	3192	rBV	358228	575459	69.67%	6.708%
42	11.397	3211	3221	3222	rBV9	9727	12436	1.51%	0.145%
43	11.529	3252	3262	3279	rBV	151920	307139	37.19%	3.580%
44	11.622	3281	3291	3310	rVB	398174	668388	80.93%	7.792%
45	12.407	3528	3535	3547	rVB	7737	14585	1.77%	0.170%
46	12.542	3574	3577	3585	rVB7	7682	8477	1.03%	0.099%
47	12.661	3606	3614	3628	rBV7	28462	50707	6.14%	0.591%
48	13.532	3879	3885	3897	rVB10	8544	16671	2.02%	0.194%
49	13.677	3921	3930	3948	rBV10	13301	40005	4.84%	0.466%
50	14.297	4114	4123	4136	rBV10	17901	34602	4.19%	0.403%
51	14.448	4157	4170	4176	rBV10	8638	18103	2.19%	0.211%
52	14.821	4276	4286	4296	rBV10	12247	24999	3.03%	0.291%
53	14.969	4326	4332	4337	rBV7	13193	19340	2.34%	0.225%
54	16.766	4885	4891	4899	rBV3	15206	20641	2.50%	0.241%

Sum of corrected areas: 8578325

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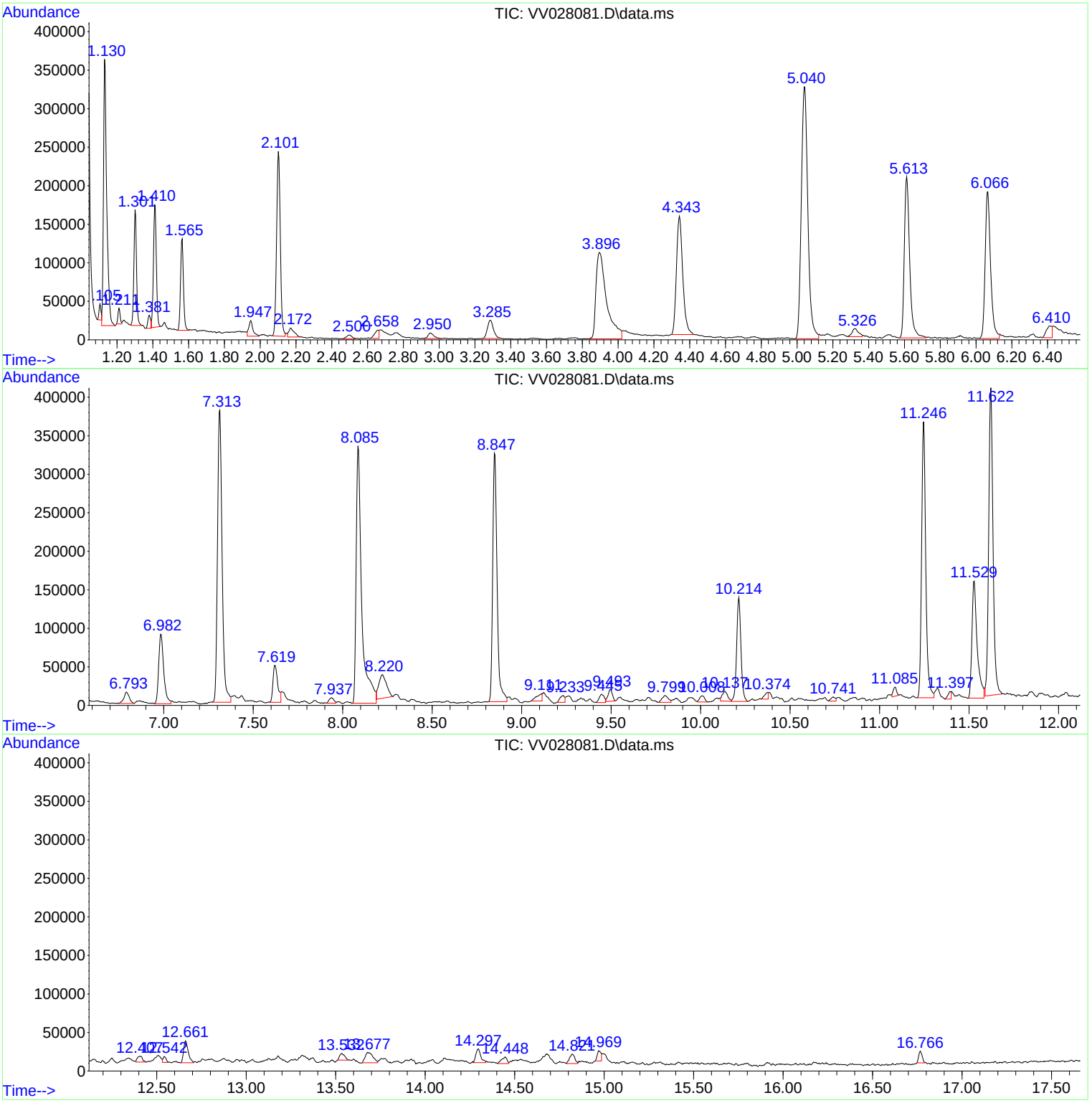
MSVOA_V
ClientSampleId :
CB8G9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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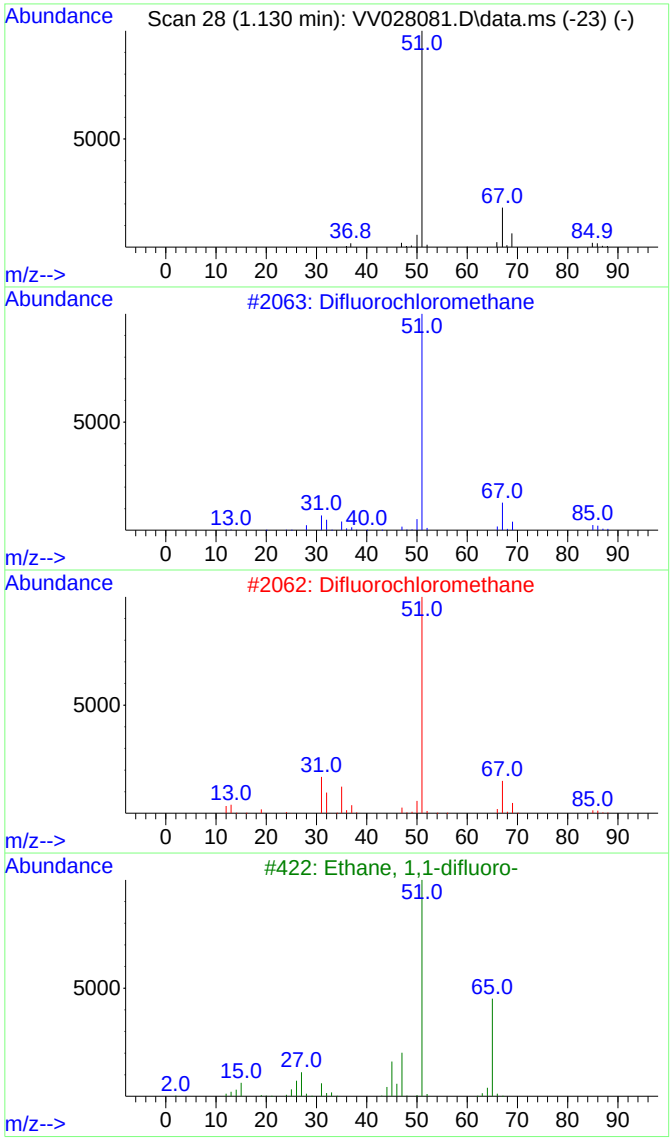
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

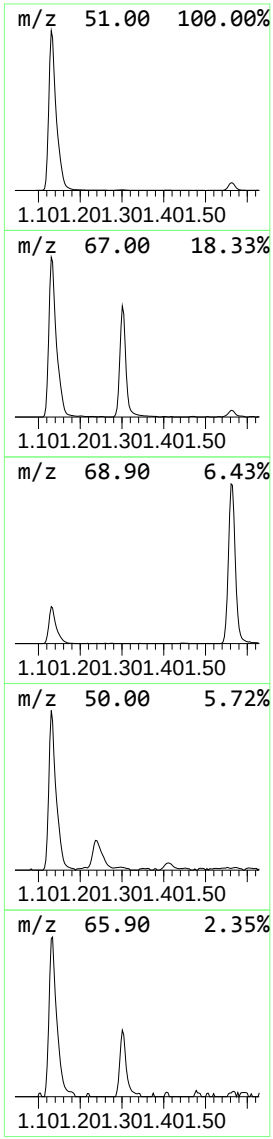
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Difluorochloromethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.130	4.96 ug/L	430619	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	91
2	Difluorochloromethane	86	CHClF2	000075-45-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	5
5	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8G9

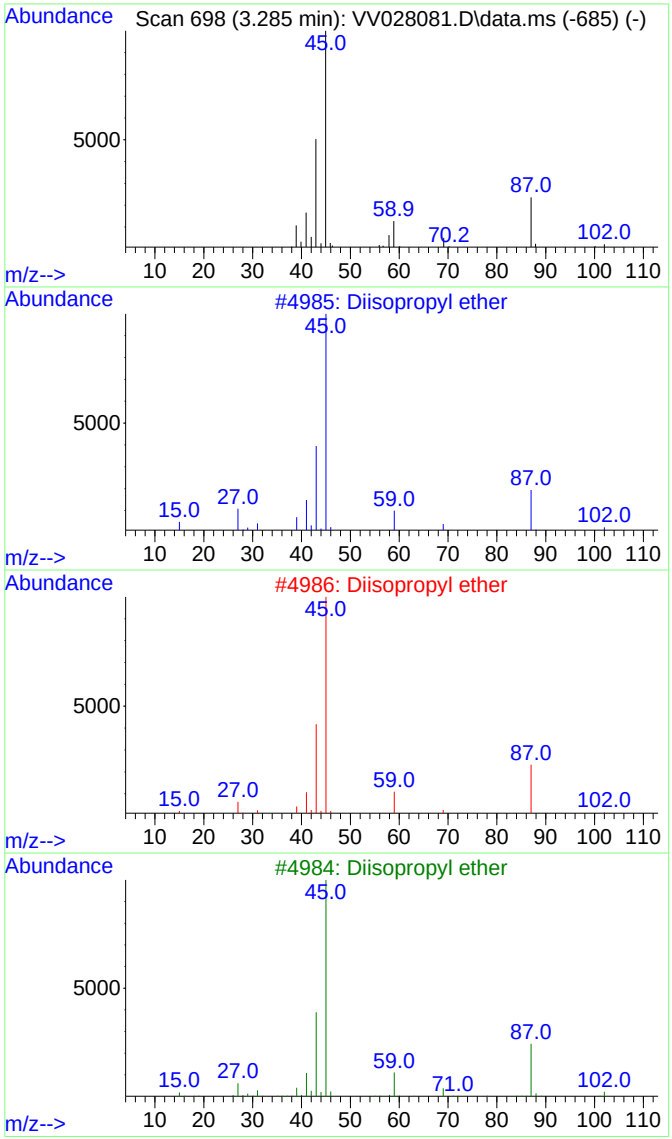
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

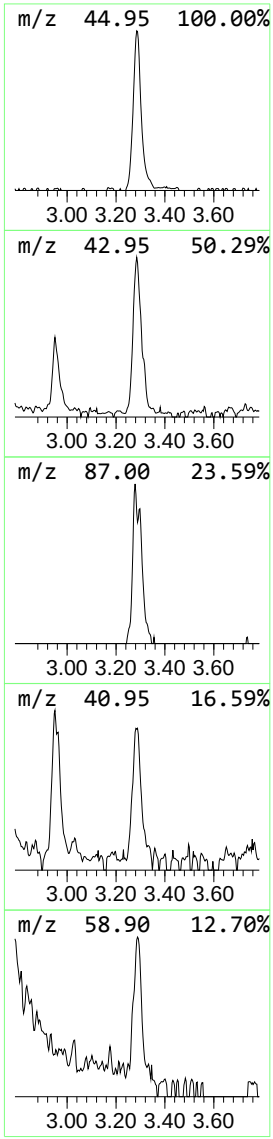
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diisopropyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.285	0.64 ug/L	55398	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether	102	C6H14O	000108-20-3	87
3	Diisopropyl ether	102	C6H14O	000108-20-3	86
4	Diisopropyl ether	102	C6H14O	000108-20-3	78
5	Diisopropyl ether	102	C6H14O	000108-20-3	56





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8G9

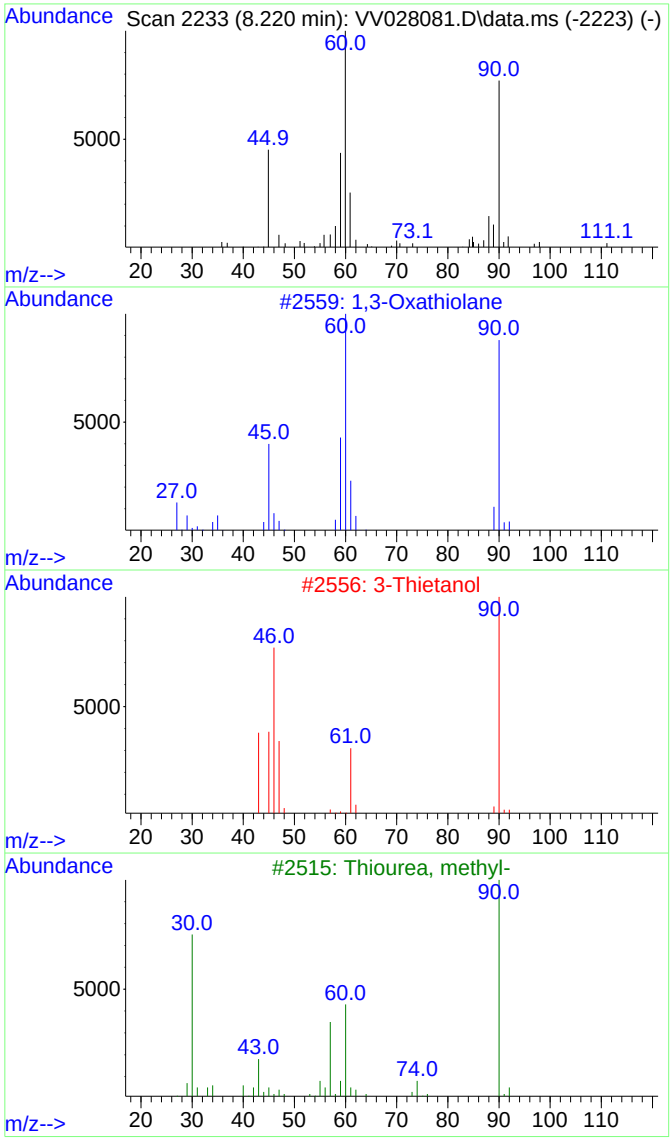
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

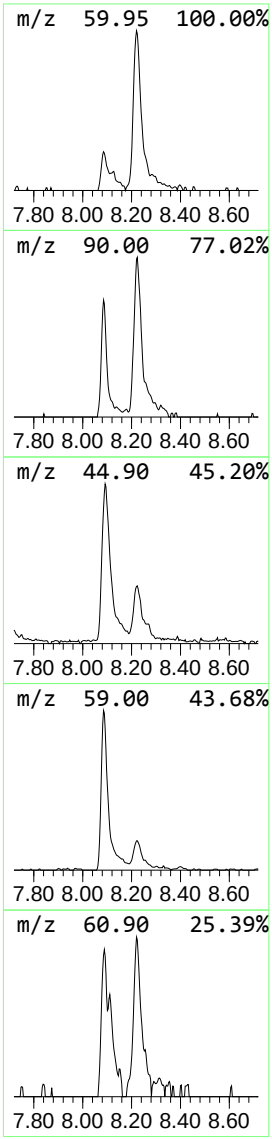
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Oxathiolane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	0.83 ug/L	91007	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	91
2	3-Thietanol	90	C3H6OS	010304-16-2	50
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	40
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	38





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Instrument :
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ClientSampleId :
CB8G9

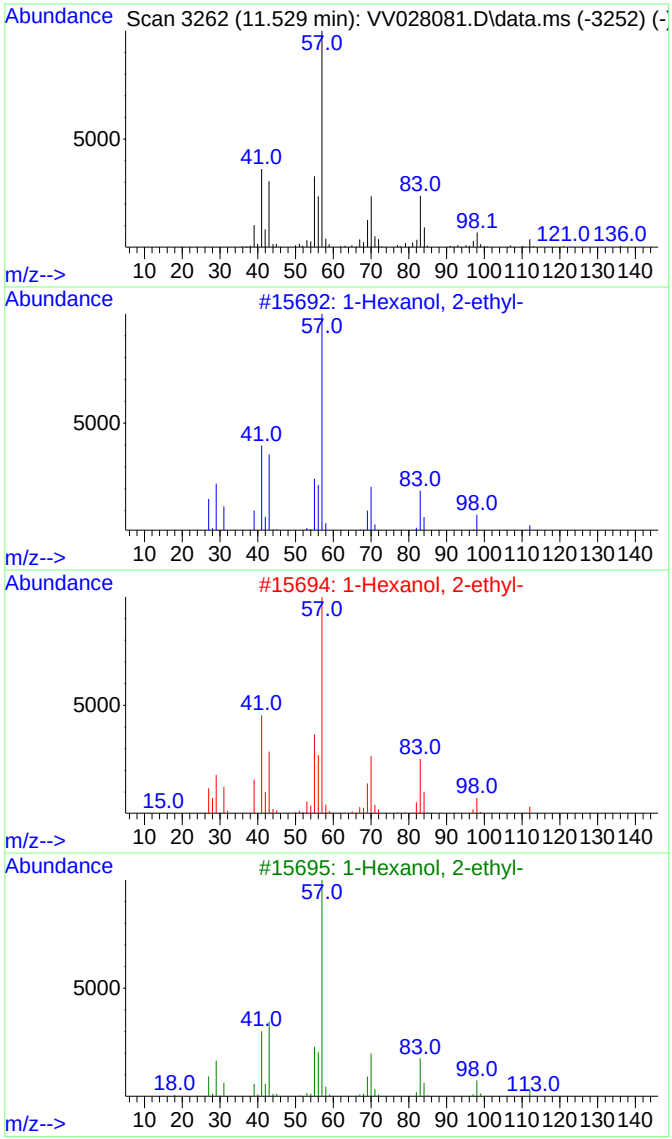
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

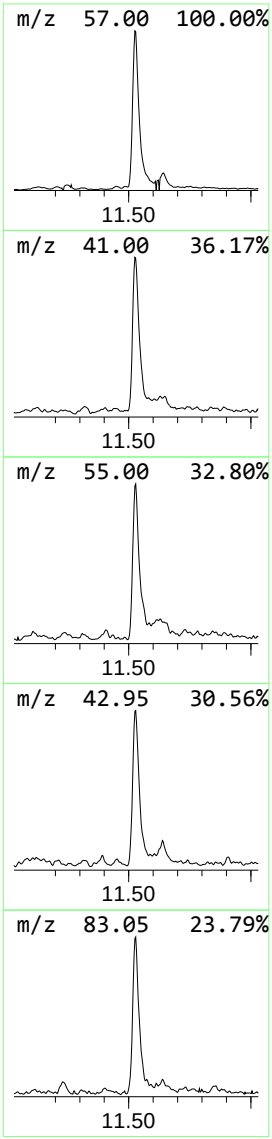
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	2.67 ug/L	307139	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72





Tentatively Identified Compound (LSC) summary

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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
Difluorochlorom...	1.130	5.0	ug/L	430619	1	5.613	434051	5.0
Diisopropyl ether	3.285	0.6	ug/L	55398	1	5.613	434051	5.0
1,3-Oxathiolane	8.220	0.8	ug/L	91007	2	8.850	549100	5.0
1-Hexanol, 2-et...	11.529	2.7	ug/L	307139	3	11.246	575459	5.0