LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034067.D
Acq On : 08 Feb 2024 18:33
Operator : SY/MD
Sample : P1400-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.191	40	47	53	rBV	60358	73784	24.16%	2.356%
2	1.278	69	74	79	rVB	8352	7474	2.45%	0.239%
3	1.998	291	298	313	rBV	42887	63720	20.86%	2.035%
4	2.886	569	574	584	rVB7	1946	3200	1.05%	0.102%
5	3.638	798	808	809	rBV2	8841	9998	3.27%	0.319%
6	3.899	876	889	894	rBV	4479	10590	3.47%	0.338%
7	4.243	981	996	1033	rVB2	35162	127834	41.85%	4.082%
8	4.937	1199	1212	1254	rBV3	102485	305458	100.00%	9.754%
9	5.455	1360	1373	1384	rBV4	5038	14664	4.80%	0.468%
10	5.526	1384	1395	1427	rVV	90290	234071	76.63%	7.474%
11	5.989	1522	1539	1572	rBV2	53254	139328	45.61%	4.449%
12	6.561	1704	1717	1723	rBV4	3459	6875	2.25%	0.220%
13	6.683	1743	1755	1769	rVB3	9918	20046	6.56%	0.640%
14	6.918	1818	1828	1846	rBV	24212	56366	18.45%	1.800%
15	7.178	1901	1909	1918	rVB4	3747	7105	2.33%	0.227%
16	7.239	1918	1928	1947	rBV	129714	263893	86.39%	8.427%
17	7.374	1961	1970	1994	rBV4	10691	34517	11.30%	1.102%
18	7.516	2001	2014	2022	rBV4	24666	61213	20.04%	1.955%
19	7.738	2072	2083	2098	rBV7	5665	15344	5.02%	0.490%
20	7.876	2113	2126	2142	rVB	16972	32587	10.67%	1.041%
21	8.062	2172	2184	2216	rBV2	42794	192075	62.88%	6.133%
22	8.194	2218	2225	2247	rVB3	31174	66670	21.83%	2.129%
23	8.490	2305	2317	2324	rBV4	2997	6077	1.99%	0.194%
24	8.545	2324	2334	2355	rVV2	11100	29430	9.63%	0.940%
25	8.696	2373	2381	2391	rBV2	2551	4703	1.54%	0.150%
26	8.786	2399	2409	2437	rBV	145090	284133	93.02%	9.073%
27	8.953	2452	2461	2466	rBV3	30229	47797	15.65%	1.526%
28	9.078	2491	2500	2518	rBV4	21432	38771	12.69%	1.238%
29	9.484	2612	2626	2649	rBV	19289	36846	12.06%	1.177%
30	9.840	2727	2737	2744	rBV3	13337	22667	7.42%	0.724%
31	10.165	2828	2838	2857	rVB2	28745	58086	19.02%	1.855%
32	10.326	2873	2888	2902	rBV	73436	123628	40.47%	3.948%
33	10.512	2934	2946	2959	rVB	55085	88782	29.07%	2.835%
34	10.863	3045	3055	3058	rBV5	2463	3621	1.19%	0.116%
35	10.972	3081	3089	3097	rBV5	2522	4231	1.39%	0.135%
36	11.085	3115	3124	3131	rBV5	5729	9055	2.96%	0.289%

LSC Area Percent Report

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ALS Vial : 25 Sample Multiplier: 1

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

37	11.130	3131	3138	3147	rBV7	7217	10947	3.58%	0.350%
38	11.188	3147	3156	3175	rBV	159308	263451	86.25%	8.413%
39	11.326	3194	3199	3207	rVB6	3824	5613	1.84%	0.179%
40	11.368	3207	3212	3219	rVB4	3507	4754	1.56%	0.152%
41	11.564	3261	3273	3298	rBV	123767	210616	68.95%	6.725%
42	11.783	3332	3341	3353	rVV4	2009	3570	1.17%	0.114%
43	12.194	3455	3469	3482	rBV	50619	78959	25.85%	2.521%
44	12.313	3499	3506	3515	rBV3	1832	3321	1.09%	0.106%
45	13.686	3927	3933	3947	rVB7	2338	4464	1.46%	0.143%
46	13.988	4016	4027	4039	rVB	13013	21307	6.98%	0.680%
47	14.126	4063	4070	4079	rVB5	3404	4477	1.47%	0.143%
48	14.294	4112	4122	4127	rBV7	1756	3268	1.07%	0.104%
49	15.583	4514	4523	4534	rVB	5394	8540	2.80%	0.273%
50	16.072	4668	4675	4683	rBV6	2536	3721	1.22%	0.119%

Sum of corrected areas: 3131647

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Instrument :
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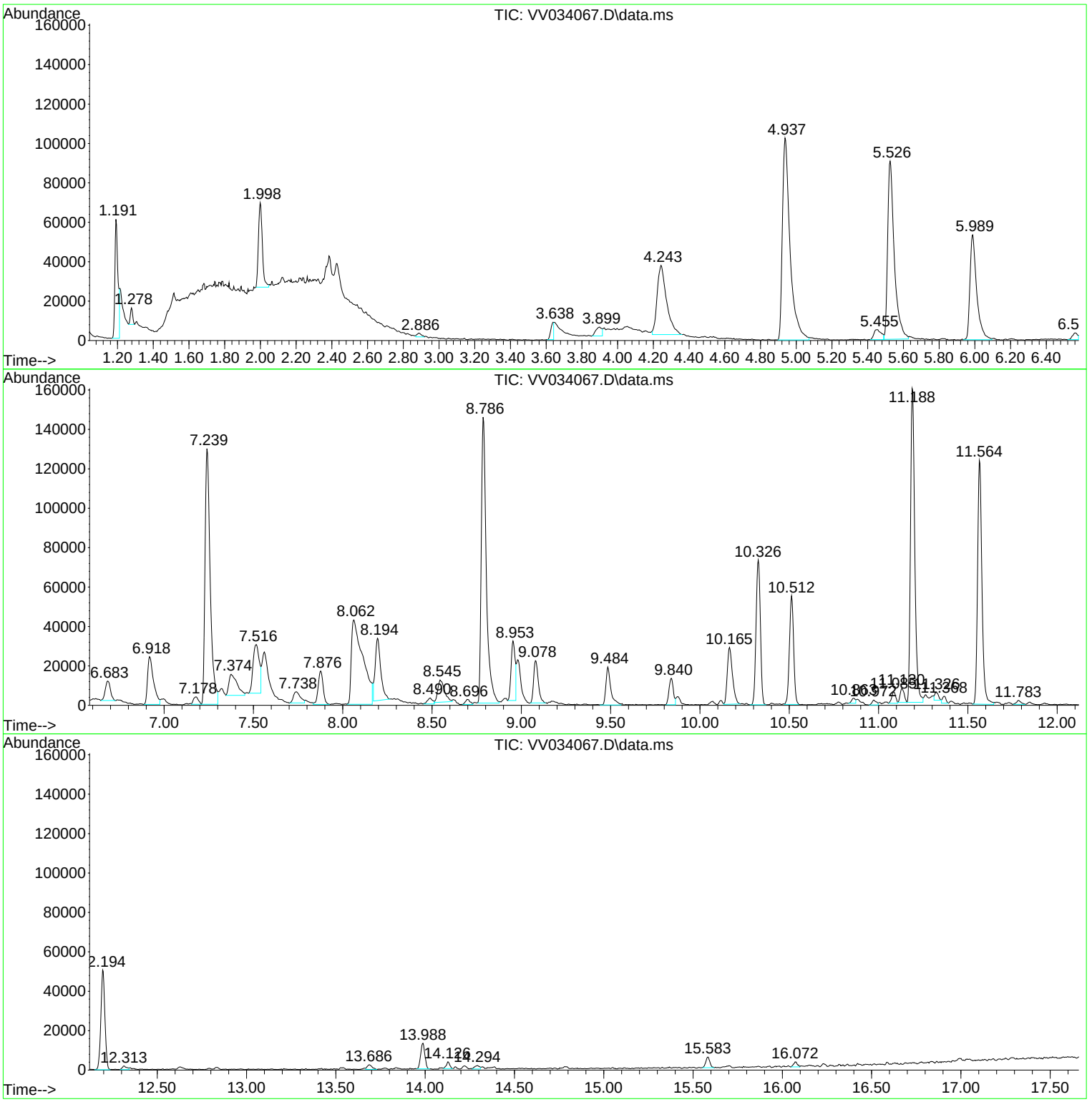
ClientSampleId :
C0AH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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ClientSampleId :
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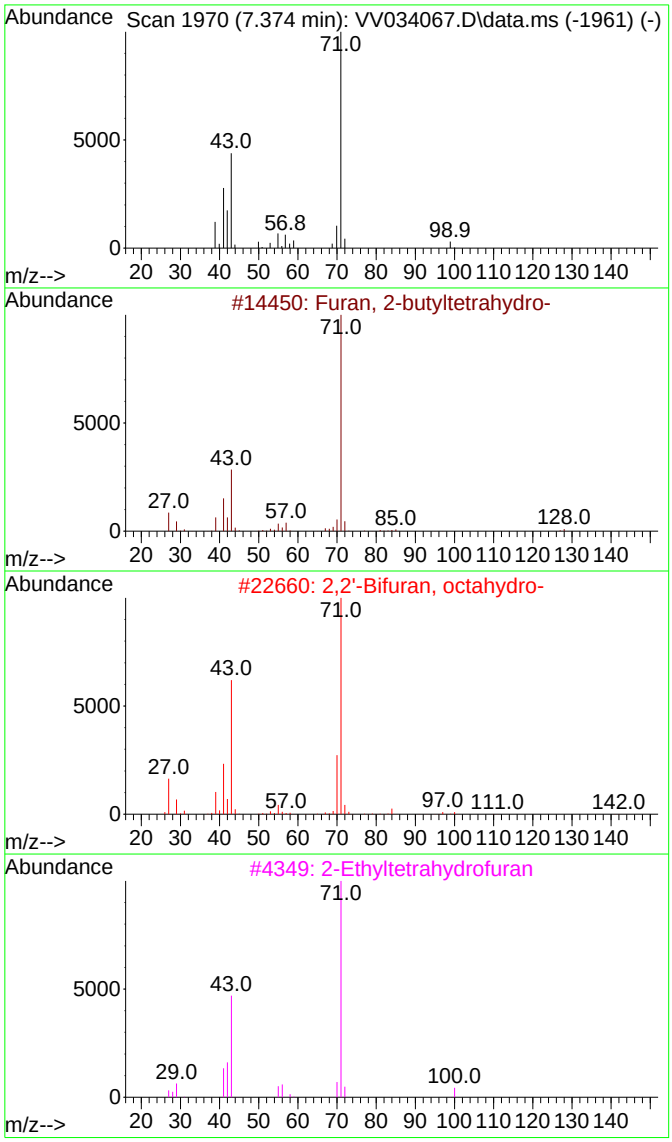
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

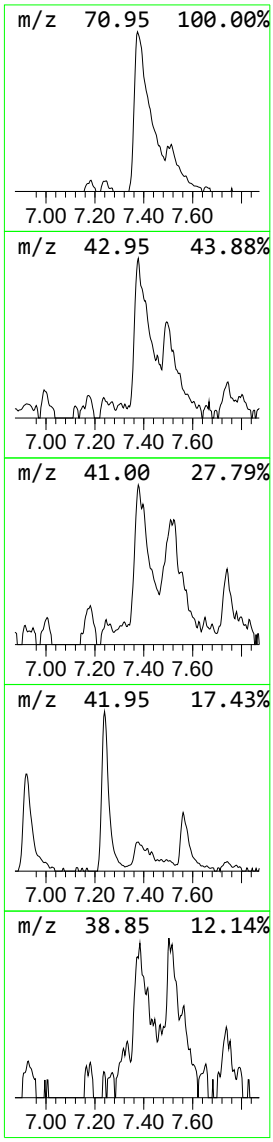
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, 2-butyltetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.374	0.61 ug/L	34517	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	78
2	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	59
3	2-Ethyltetrahydrofuran	100	C6H12O	1010431-64-0	56
4	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	1010238-75-4	53
5	Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	50





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Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

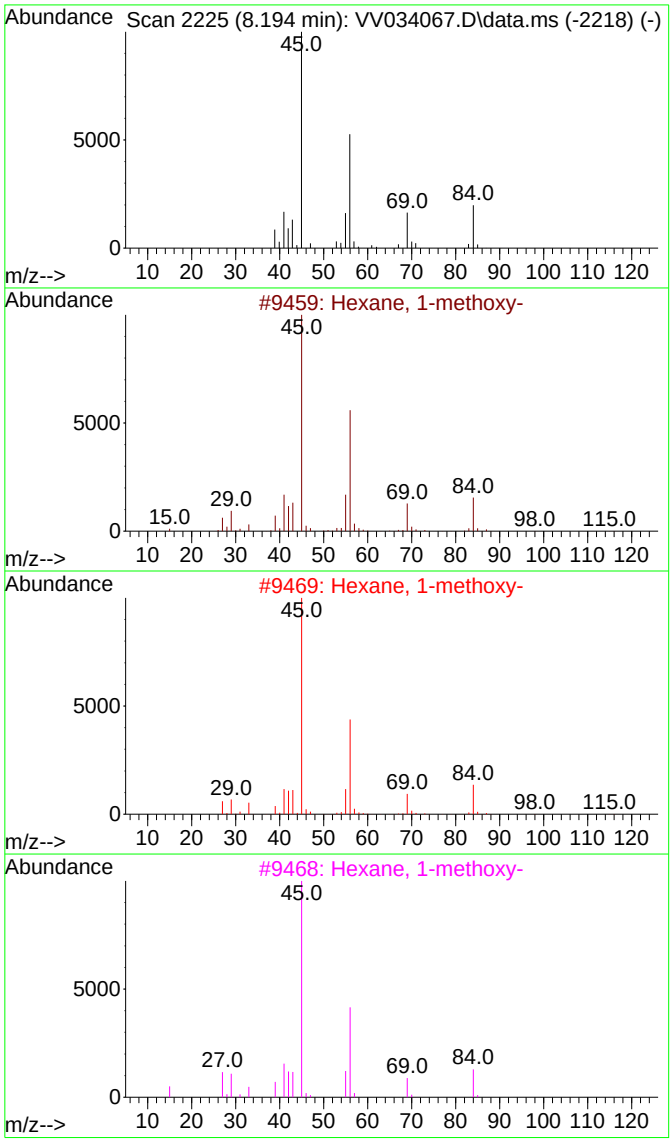
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

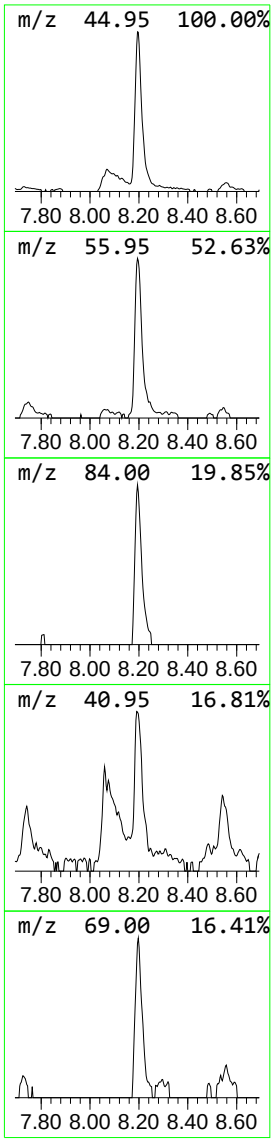
****

Peak Number 4 Hexane, 1-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.194	1.17 ug/L	66670	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	83
2	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	83
3	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	78
4	1-Methoxy-5-trifluoroacetoxyhexane	228	C9H15F3O3	1000216-63-2	28
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	27





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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

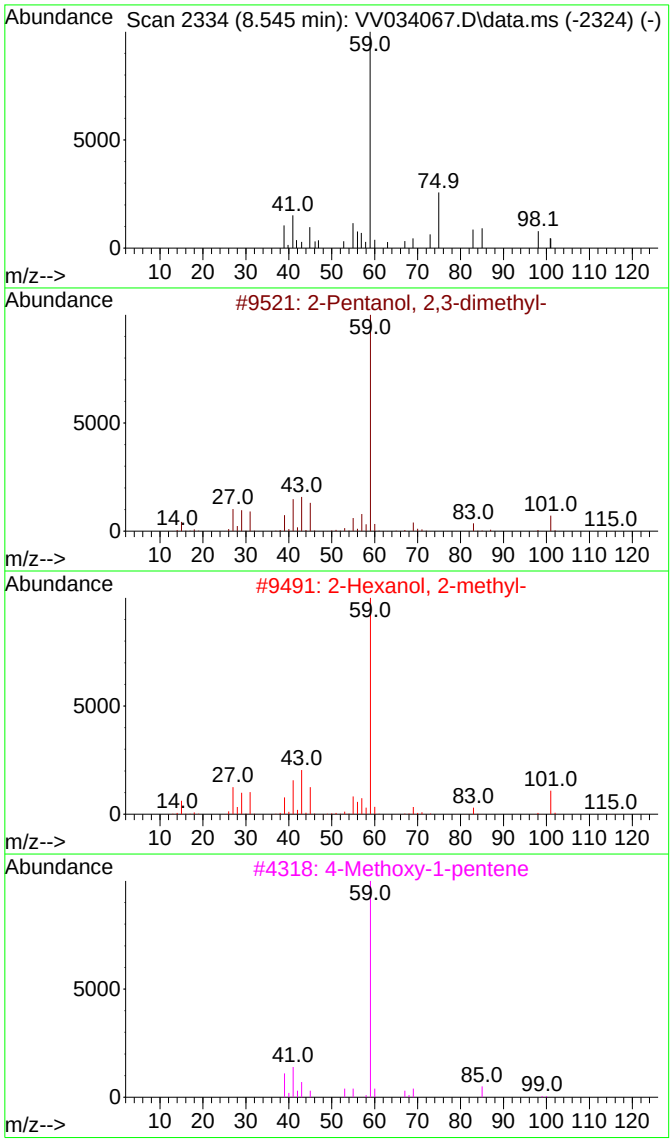
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

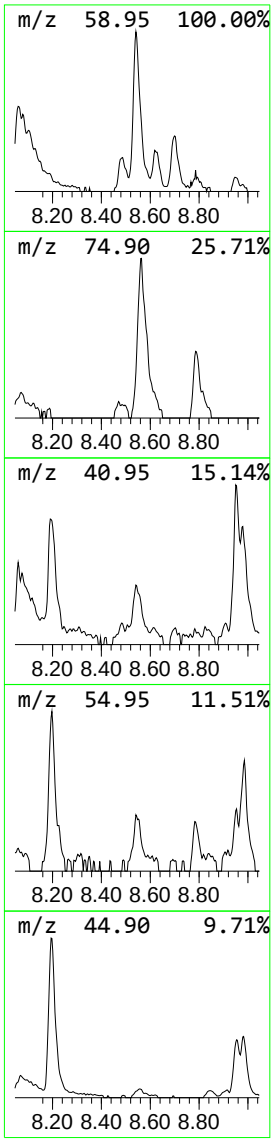
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanol, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	0.52 ug/L	29430	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	47
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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C0AH0

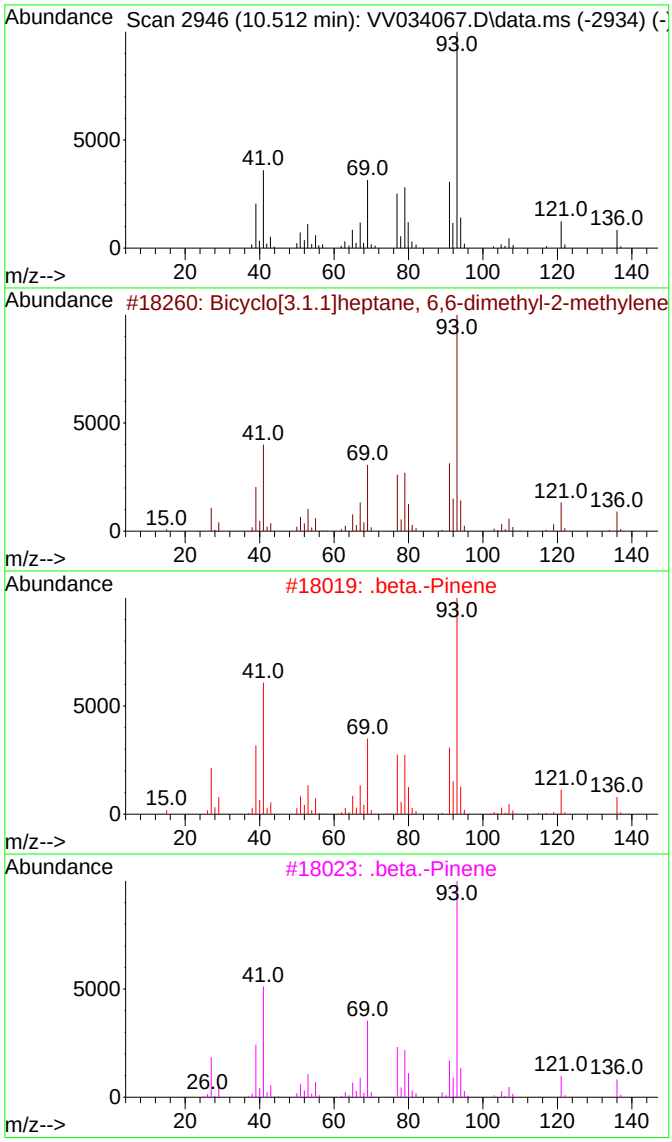
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

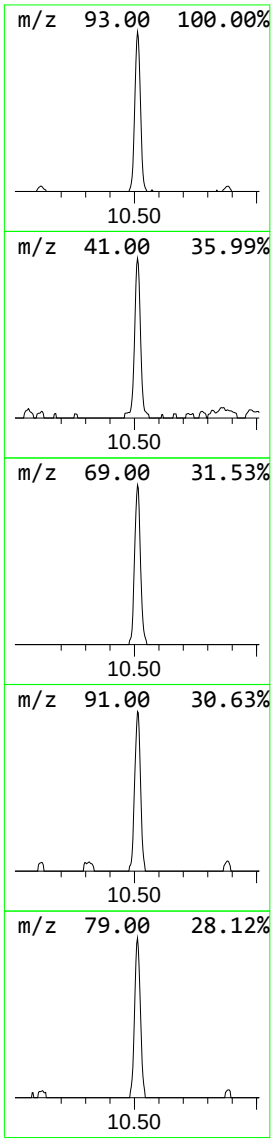
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.512	1.68 ug/L	88782	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2	.beta.-Pinene	136	C10H16	000127-91-3	96
3	.beta.-Pinene	136	C10H16	000127-91-3	94
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Furan, 2-butylt...	7.374	0.6	ug/L	34517	2	8.789	284133	5.0
Hexane, 1-methoxy-	8.194	1.2	ug/L	66670	2	8.789	284133	5.0
2-Pentanol, 2,3...	8.545	0.5	ug/L	29430	2	8.789	284133	5.0
Bicyclo[3.1.1]h...	10.512	1.7	ug/L	88782	3	11.191	263451	5.0