

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110121\
 Data File : VV023113.D
 Acq On : 01 Nov 2021 13:43
 Operator : SY/MD
 Sample : M4364-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG339

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\SFAMVTR102221WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV023113.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	98	rVB	54494	57271	12.01%	1.289%
2	1.568	156	164	172	rBV	50982	57866	12.13%	1.302%
3	2.021	294	305	313	rVB6	2924	4982	1.04%	0.112%
4	2.108	322	332	350	rBV	97031	145156	30.43%	3.266%
5	2.503	448	455	465	rVB5	2711	5301	1.11%	0.119%
6	3.889	874	886	922	rBV	68139	209541	43.93%	4.715%
7	4.352	1012	1030	1060	rBV	84929	220682	46.27%	4.965%
8	4.767	1146	1159	1161	rBV5	4145	6587	1.38%	0.148%
9	4.947	1204	1215	1217	rBV5	3777	5349	1.12%	0.120%
10	5.050	1231	1247	1273	rBV3	189172	470970	98.75%	10.597%
11	5.622	1408	1425	1445	rBV	139328	281717	59.07%	6.339%
12	6.072	1551	1565	1593	rBV	113297	253478	53.15%	5.703%
13	6.776	1773	1784	1792	rBV7	2743	5066	1.06%	0.114%
14	6.992	1832	1851	1869	rBV	60387	120130	25.19%	2.703%
15	7.320	1941	1953	1973	rBV	220693	393948	82.60%	8.864%
16	7.448	1984	1993	2002	rVV4	10328	17720	3.72%	0.399%
17	7.493	2002	2007	2015	rVB8	3389	4908	1.03%	0.110%
18	7.590	2028	2037	2042	rBV2	13602	21094	4.42%	0.475%
19	7.625	2042	2048	2064	rVB	33424	58086	12.18%	1.307%
20	7.844	2105	2116	2140	rVB	77341	143677	30.12%	3.233%
21	8.030	2162	2174	2182	rVB10	2924	5741	1.20%	0.129%
22	8.088	2182	2192	2218	rBV	277825	476942	100.00%	10.732%
23	8.329	2259	2267	2275	rVB10	4136	7442	1.56%	0.167%
24	8.397	2278	2288	2297	rBV7	7364	13218	2.77%	0.297%
25	8.519	2314	2326	2340	rVB3	18010	31756	6.66%	0.715%
26	8.693	2368	2380	2392	rVB3	5653	10278	2.15%	0.231%
27	8.764	2392	2402	2410	rBV7	3760	6483	1.36%	0.146%
28	8.854	2420	2430	2451	rBV	221747	373070	78.22%	8.394%
29	8.969	2460	2466	2477	rVB4	12404	19700	4.13%	0.443%
30	9.040	2478	2488	2497	rBV10	4835	8735	1.83%	0.197%
31	9.104	2499	2508	2524	rBV10	14748	40898	8.58%	0.920%
32	9.326	2567	2577	2582	rBV5	5516	11270	2.36%	0.254%
33	9.355	2583	2586	2596	rVB7	5996	7211	1.51%	0.162%
34	9.477	2604	2624	2626	rBV5	9930	18317	3.84%	0.412%
35	9.754	2701	2710	2718	rBV6	3395	6751	1.42%	0.152%
36	9.796	2718	2723	2736	rVB9	2793	5532	1.16%	0.124%

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37	9.963	2757	2775	2784	rBV10	4282	10066	2.11%	0.226%
38	10.127	2814	2826	2838	rVB10	7458	16490	3.46%	0.371%
39	10.220	2844	2855	2873	rVB	91114	144908	30.38%	3.261%
40	10.381	2897	2905	2917	rBV6	4347	7077	1.48%	0.159%
41	10.866	3047	3056	3064	rVB3	5931	9340	1.96%	0.210%
42	11.252	3165	3176	3194	rBV	227219	355246	74.48%	7.993%
43	11.625	3279	3292	3313	rBV	233616	363724	76.26%	8.184%
44	12.551	3568	3580	3589	rVB6	3305	5182	1.09%	0.117%
45	12.760	3639	3645	3654	rVB6	3951	5405	1.13%	0.122%

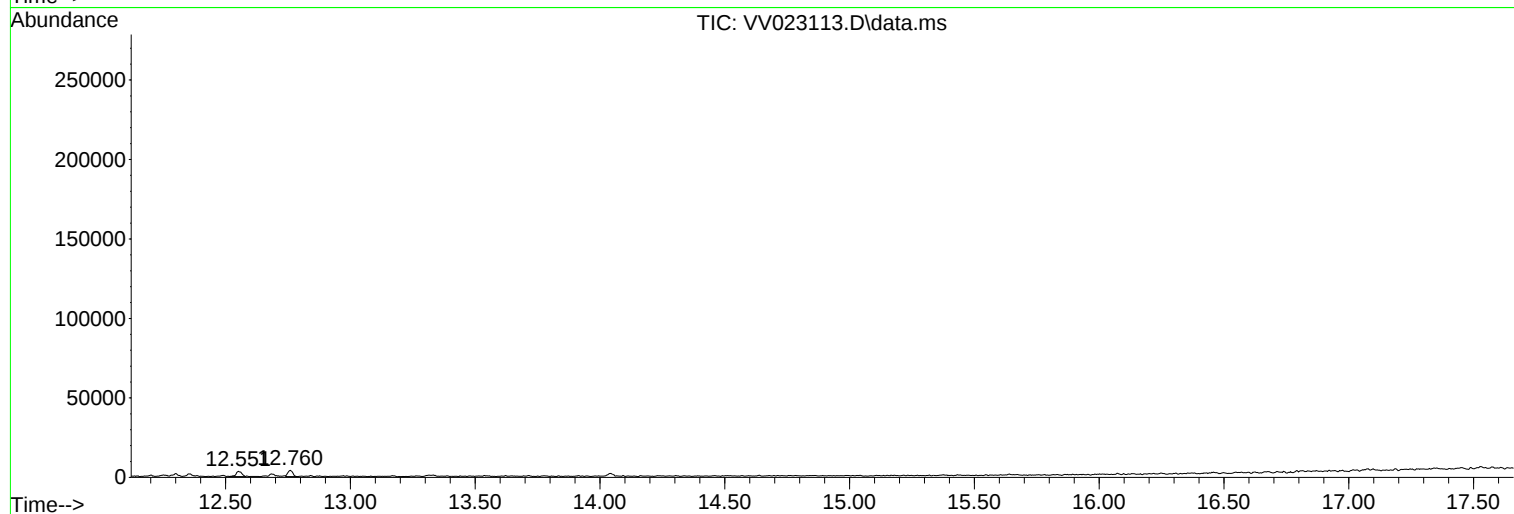
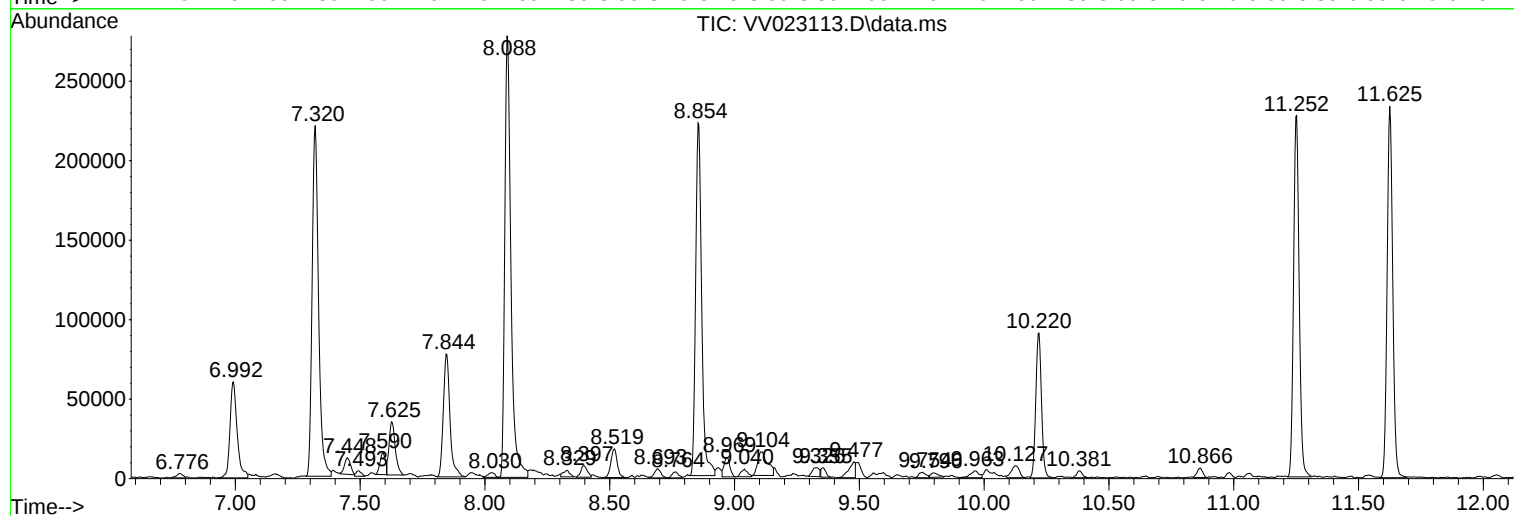
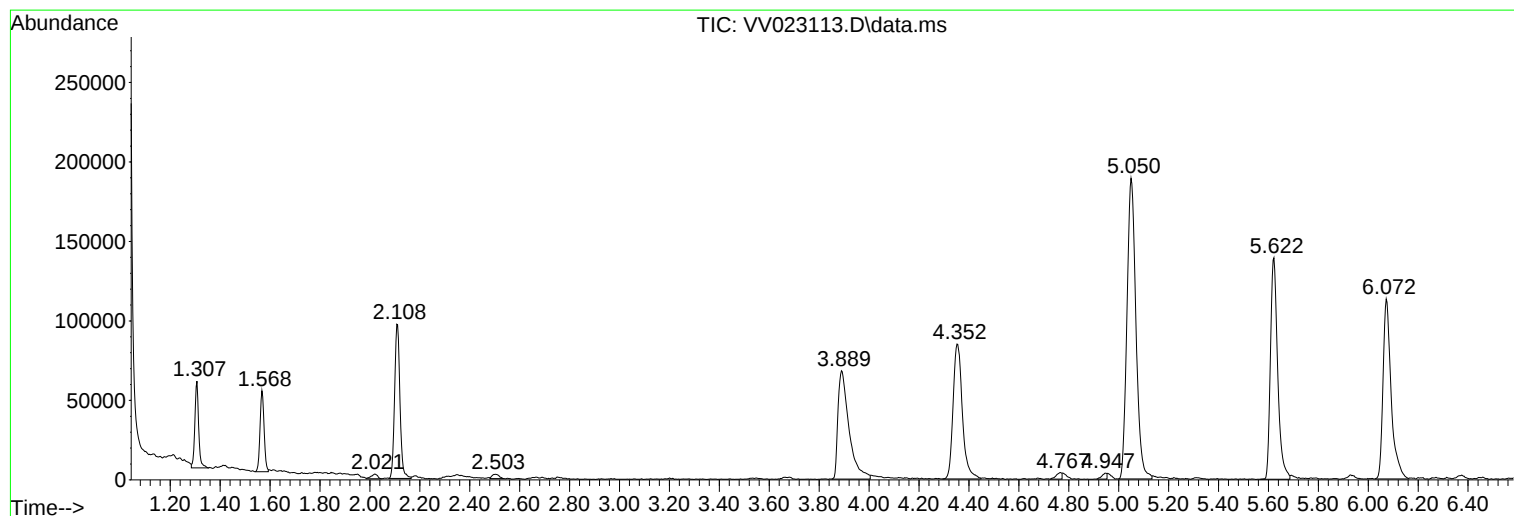
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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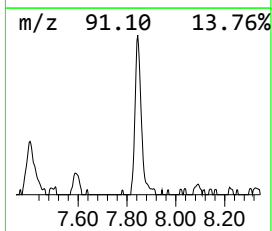
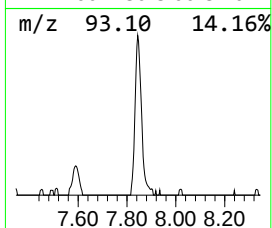
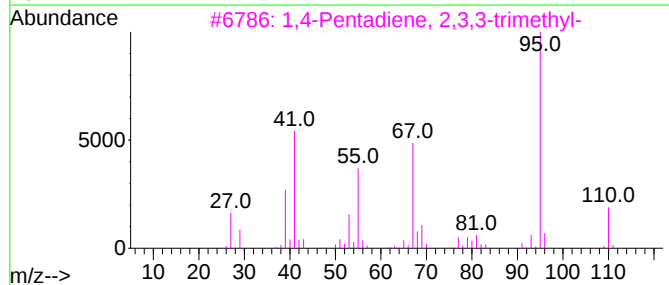
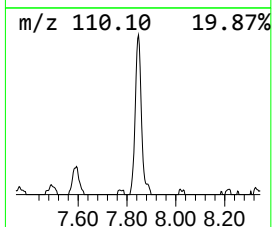
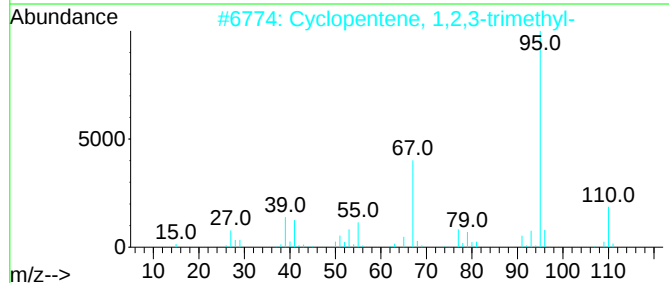
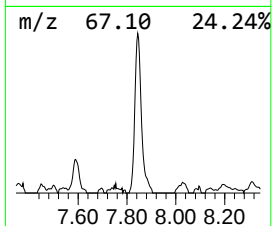
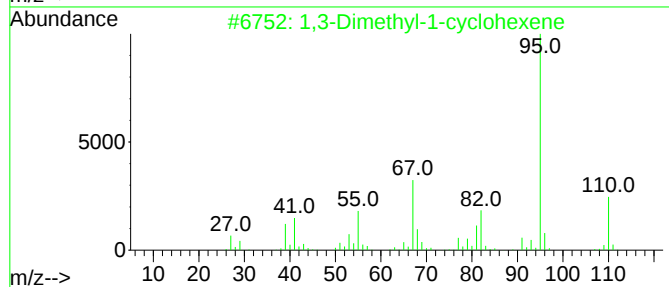
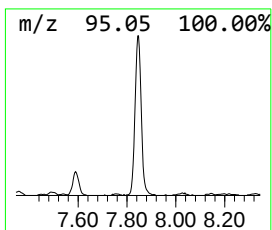
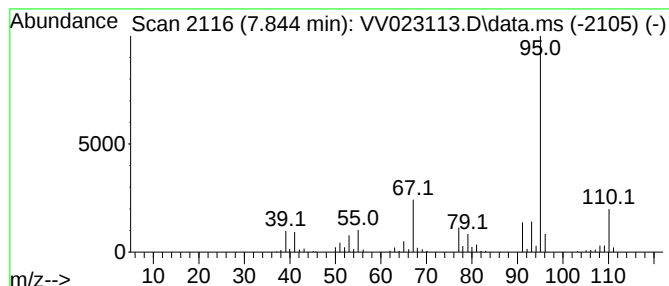
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3-Dimethyl-1-cyclohexene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	1.93 ug/L	143677	Chlorobenzene-d5	8.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
2			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	74
3			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72



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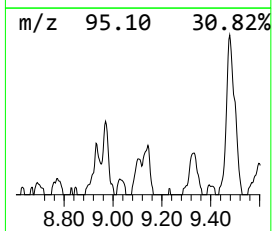
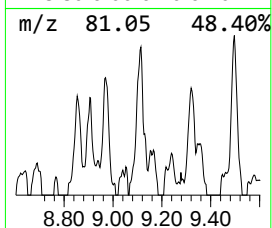
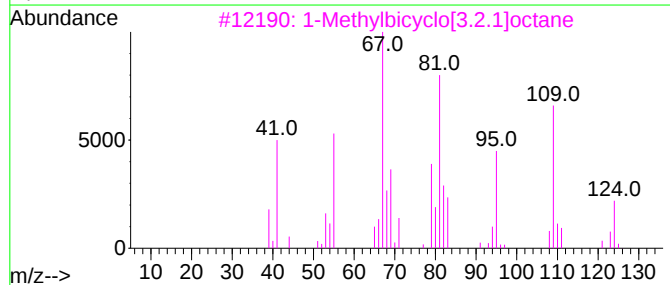
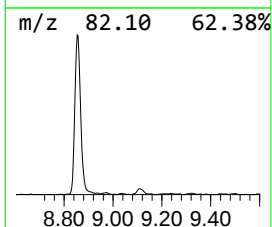
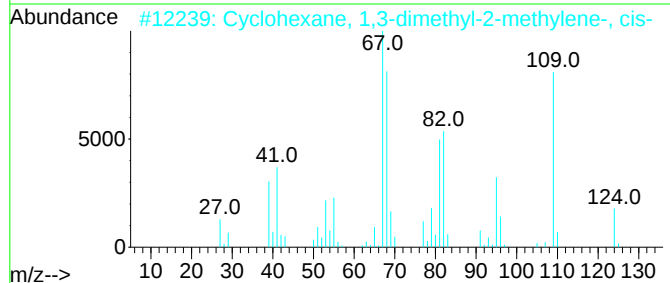
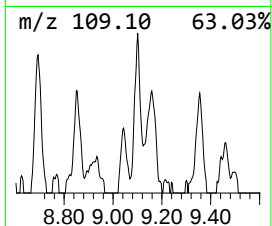
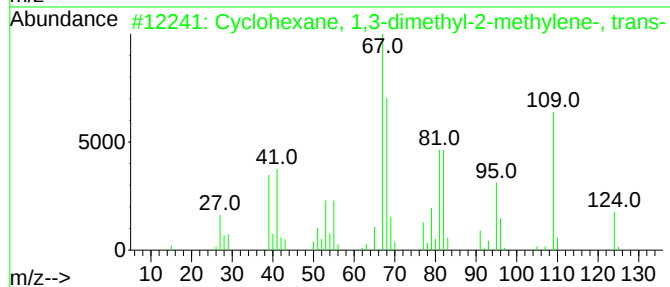
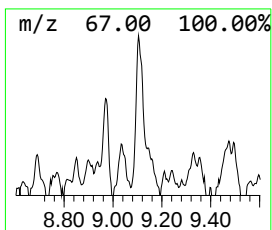
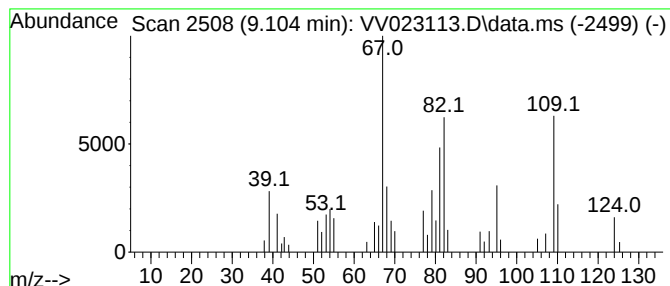
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Cyclohexane, 1,3-dimethyl-2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	0.55 ug/L	40898	Chlorobenzene-d5	8.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	76
2			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	68
3			1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	64
4			Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	60
5			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	58



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Dimethyl-1-...	7.844	1.9	ug/L	143677	2	8.857	373070	5.0
Cyclohexane, 1,...	9.104	0.6	ug/L	40898	2	8.857	373070	5.0