

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
 Data File : VV032603.D
 Acq On : 24 Oct 2023 20:31
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK6

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\SFAMVTR092923WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV032603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	8	14	30	rVB2	21291	26560	5.06%	0.456%
2	1.278	66	74	85	rBV	50838	58207	11.09%	0.999%
3	1.532	143	153	162	rBV	46637	53749	10.25%	0.922%
4	1.767	219	226	233	rVB2	4255	5406	1.03%	0.093%
5	2.060	307	317	330	rBV	60455	89229	17.01%	1.531%
6	2.124	333	337	346	rVV3	4225	7047	1.34%	0.121%
7	2.182	346	355	367	rVV3	9231	18456	3.52%	0.317%
8	2.452	427	439	451	rBV4	5029	10032	1.91%	0.172%
9	3.799	846	858	898	rBV	57999	196376	37.43%	3.369%
10	4.252	981	999	1024	rBV2	59080	174278	33.22%	2.990%
11	4.371	1026	1036	1059	rVB6	10485	32250	6.15%	0.553%
12	4.960	1199	1219	1238	rBV2	125609	326632	62.26%	5.604%
13	5.047	1242	1246	1263	rVB5	12039	28669	5.46%	0.492%
14	5.535	1387	1398	1415	rBV	119886	248977	47.46%	4.272%
15	5.609	1417	1421	1441	rVB3	12015	27385	5.22%	0.470%
16	5.992	1526	1540	1554	rBV	81145	173310	33.03%	2.974%
17	6.918	1815	1828	1850	rBV	32355	70774	13.49%	1.214%
18	7.194	1903	1914	1920	rBV9	5029	9596	1.83%	0.165%
19	7.246	1920	1930	1955	rVB	126251	246300	46.95%	4.226%
20	7.561	2017	2028	2049	rBV2	20729	55402	10.56%	0.951%
21	7.715	2066	2076	2088	rVB10	3456	7040	1.34%	0.121%
22	8.027	2161	2173	2204	rBV	252099	524630	100.00%	9.002%
23	8.172	2204	2218	2221	rBV	4745	10155	1.94%	0.174%
24	8.223	2227	2234	2243	rVB2	16145	25485	4.86%	0.437%
25	8.284	2244	2253	2263	rVV2	22919	40552	7.73%	0.696%
26	8.526	2314	2328	2338	rBV5	14416	33904	6.46%	0.582%
27	8.728	2378	2391	2399	rBV3	10168	19779	3.77%	0.339%
28	8.789	2399	2410	2426	rBV	201535	353436	67.37%	6.064%
29	8.927	2445	2453	2458	rBV10	7947	13592	2.59%	0.233%
30	9.043	2478	2489	2494	rBV10	16753	33097	6.31%	0.568%
31	9.088	2498	2503	2511	rVV3	32331	57730	11.00%	0.991%
32	9.133	2512	2517	2540	rVB4	18644	40548	7.73%	0.696%
33	9.255	2545	2555	2568	rVB7	13759	25894	4.94%	0.444%
34	9.413	2586	2604	2622	rBV8	38338	109820	20.93%	1.884%
35	9.493	2622	2629	2631	rBV5	6496	7963	1.52%	0.137%
36	9.644	2658	2676	2686	rBV4	60315	137505	26.21%	2.359%

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 Title : TRACE VOA SFAM1.0

37	9.738	2692	2705	2717	rBV3	77588	162844	31.04%	2.794%
38	9.870	2734	2746	2752	rBV3	13341	25380	4.84%	0.435%
39	9.915	2754	2760	2768	rVB7	17178	26004	4.96%	0.446%
40	9.960	2769	2774	2782	rVV5	6163	8830	1.68%	0.152%
41	10.066	2800	2807	2815	rVB5	26900	41758	7.96%	0.716%
42	10.175	2824	2841	2855	rBV3	112588	311571	59.39%	5.346%
43	10.294	2868	2878	2883	rBV2	32837	56551	10.78%	0.970%
44	10.390	2899	2908	2919	rBV5	61965	112519	21.45%	1.931%
45	10.451	2920	2927	2933	rBV2	35101	50568	9.64%	0.868%
46	10.551	2954	2958	2971	rVB5	28185	44822	8.54%	0.769%
47	10.635	2972	2984	2986	rBV7	8255	14958	2.85%	0.257%
48	10.667	2986	2994	3015	rVB6	37206	92589	17.65%	1.589%
49	10.828	3033	3044	3048	rBV8	30367	55017	10.49%	0.944%
50	10.998	3075	3097	3100	rBV4	25760	63530	12.11%	1.090%
51	11.095	3119	3127	3134	rBV2	43979	68255	13.01%	1.171%
52	11.133	3135	3139	3146	rVB	22841	29764	5.67%	0.511%
53	11.188	3146	3156	3167	rBV	245900	376227	71.71%	6.455%
54	11.278	3176	3184	3194	rBV	39501	65236	12.43%	1.119%
55	11.355	3203	3208	3215	rVB5	12678	17271	3.29%	0.296%
56	11.397	3215	3221	3234	rVB7	13470	25064	4.78%	0.430%
57	11.490	3234	3250	3253	rBV6	37611	71416	13.61%	1.225%
58	11.564	3263	3273	3293	rVB3	219824	486650	92.76%	8.350%
59	11.683	3303	3310	3318	rBV7	8699	15715	3.00%	0.270%
60	11.760	3327	3334	3344	rVB	32678	49381	9.41%	0.847%
61	11.860	3358	3365	3366	rBV7	6740	7040	1.34%	0.121%
62	11.959	3381	3396	3401	rBV2	18844	34247	6.53%	0.588%
63	12.059	3417	3427	3431	rBV2	13436	22139	4.22%	0.380%
64	12.104	3433	3441	3457	rVB7	22085	55571	10.59%	0.954%
65	12.194	3457	3469	3478	rBV8	14379	32189	6.14%	0.552%
66	12.242	3479	3484	3494	rVB6	7238	11851	2.26%	0.203%
67	12.294	3494	3500	3504	rBV3	11159	15089	2.88%	0.259%
68	12.358	3516	3520	3529	rVB4	8186	11266	2.15%	0.193%
69	12.410	3529	3536	3549	rVB7	12267	20828	3.97%	0.357%
70	12.493	3553	3562	3570	rBV8	5636	8031	1.53%	0.138%
71	12.821	3658	3664	3673	rVB5	7687	10499	2.00%	0.180%
72	13.445	3850	3858	3876	rVB2	14179	27653	5.27%	0.474%

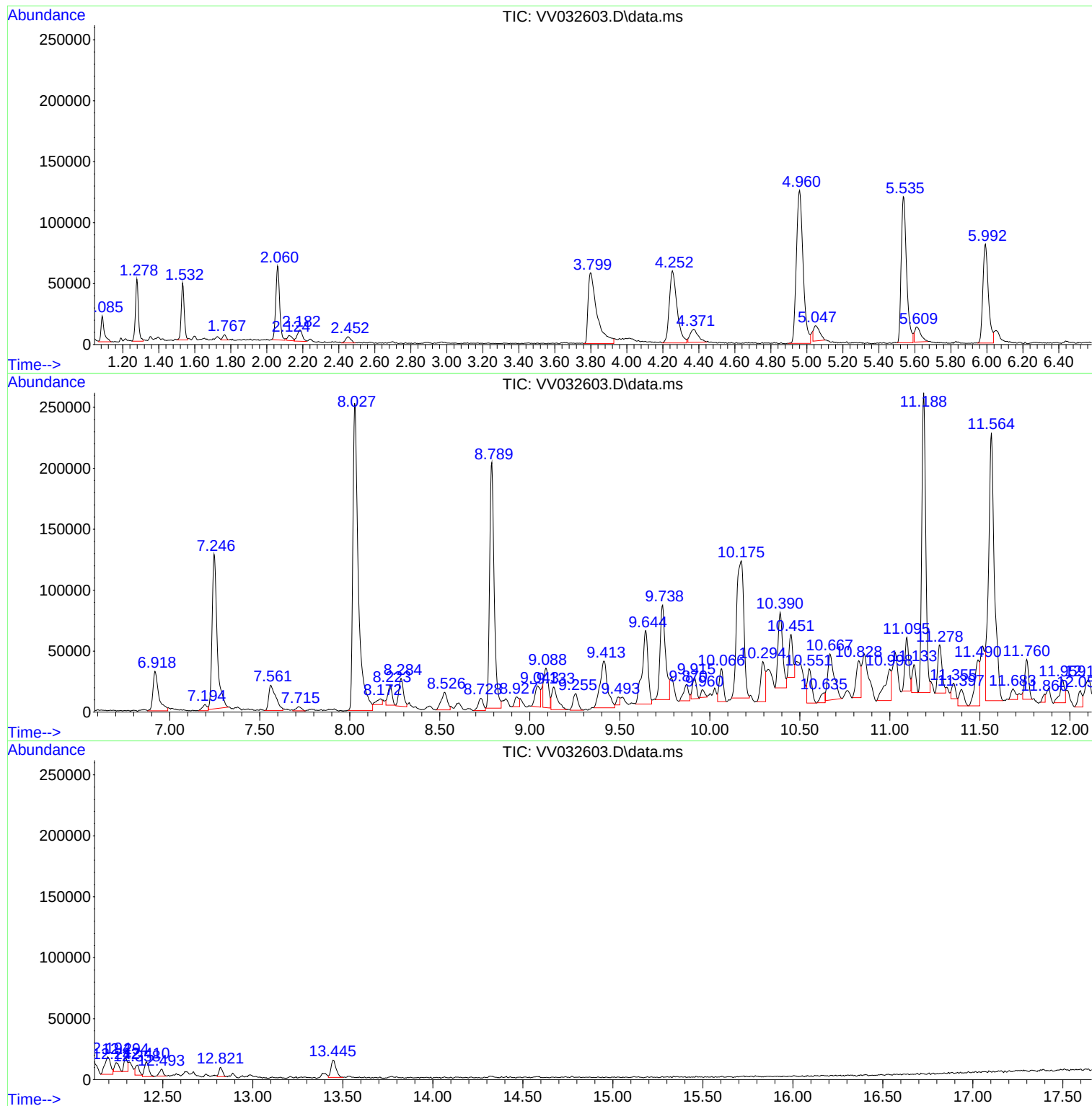
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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MSVOA_V
ClientSampleId :
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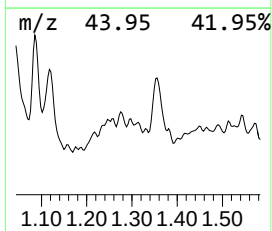
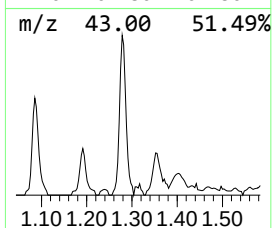
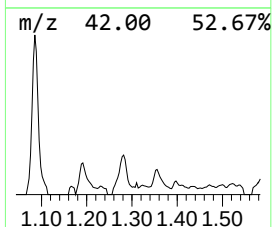
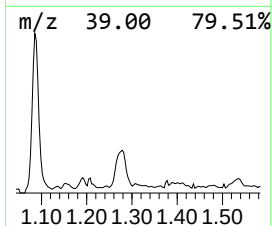
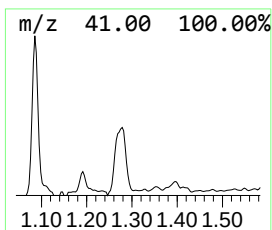
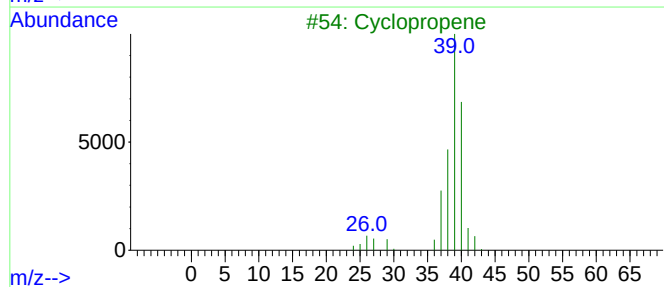
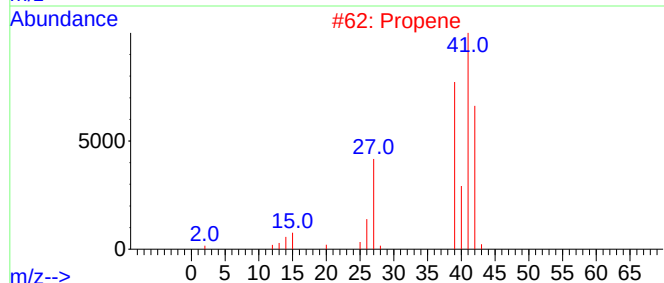
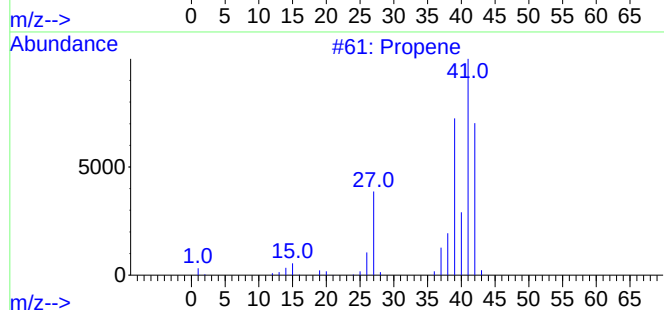
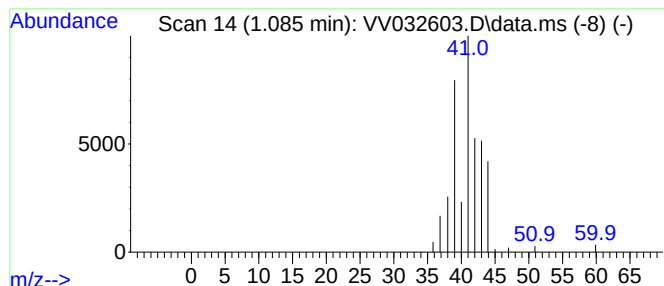
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	0.53 ug/L	26560	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	59
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropene	40	C3H4	002781-85-3	39
4			Cyclopropane	42	C3H6	000075-19-4	4
5			Cyclobutylamine	71	C4H9N	002516-34-9	2



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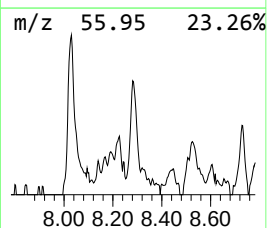
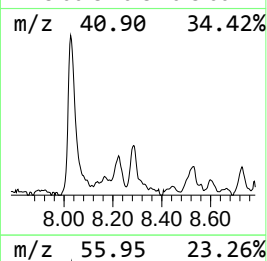
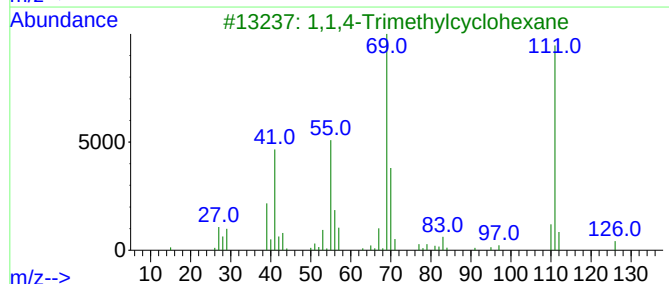
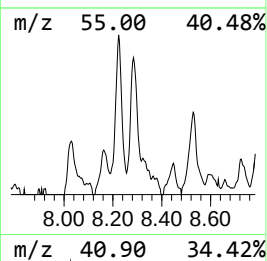
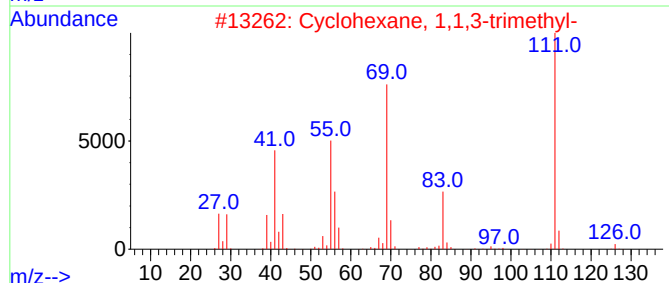
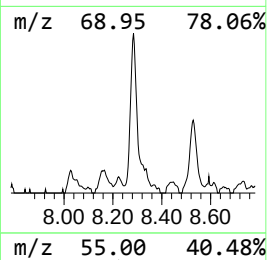
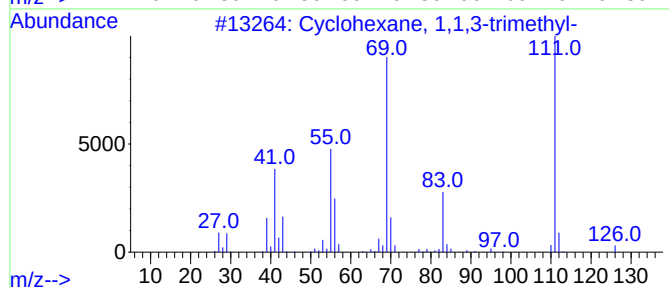
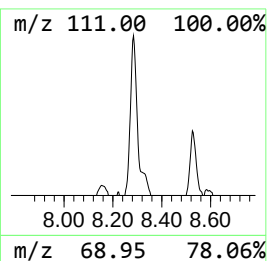
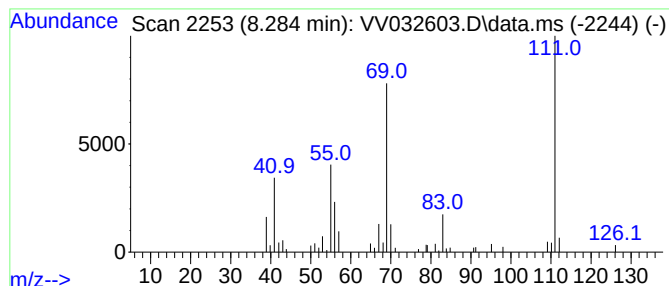
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Cyclic8.284 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	0.57 ug/L	40552	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	74
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
5			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	49



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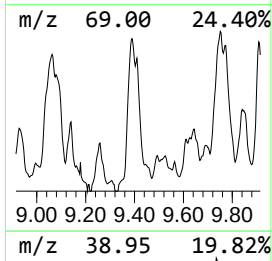
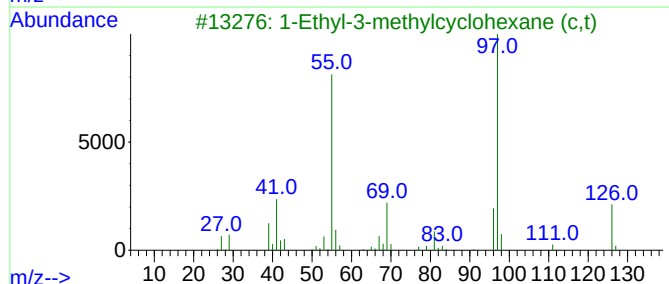
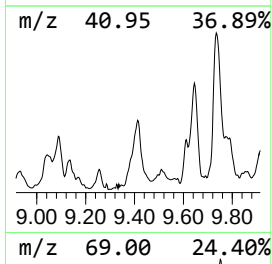
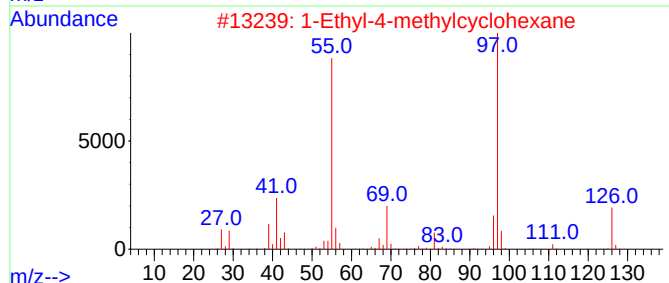
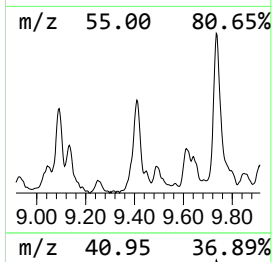
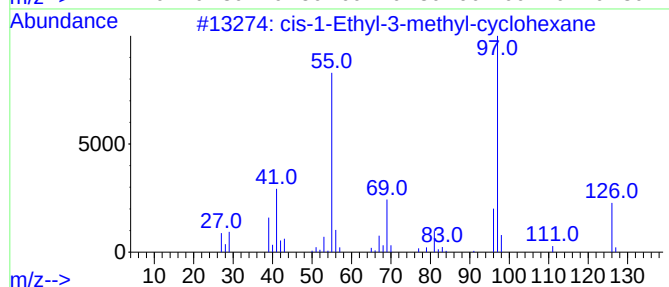
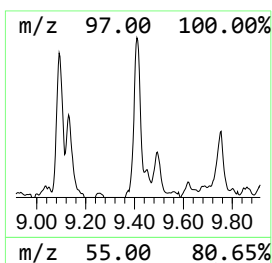
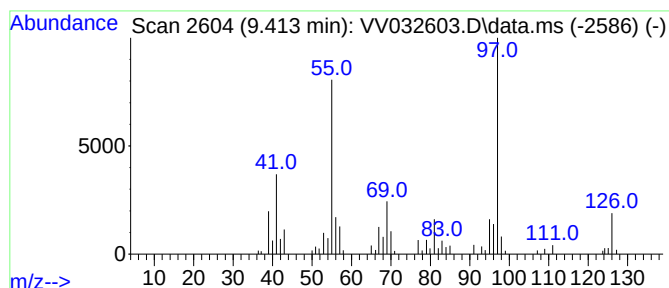
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic9.413 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.413	1.55 ug/L	109820	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	81
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68



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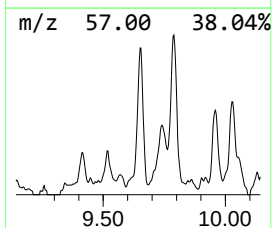
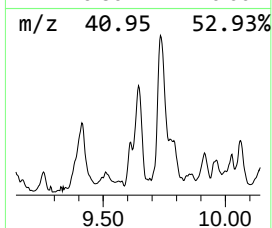
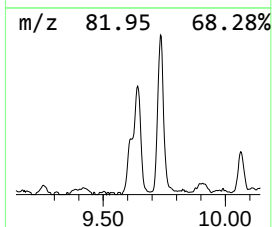
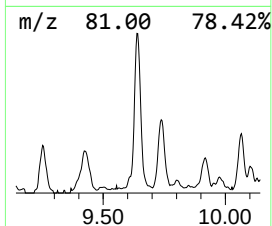
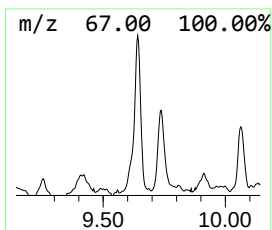
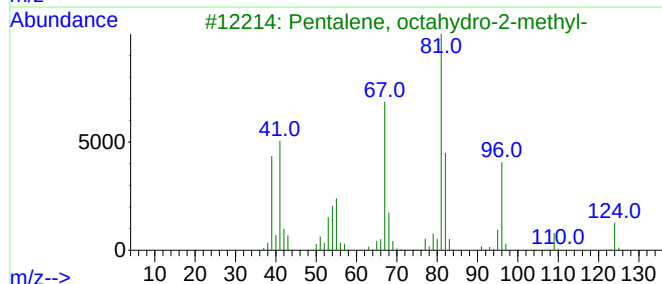
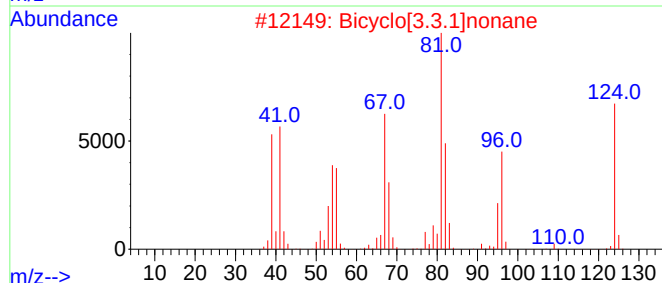
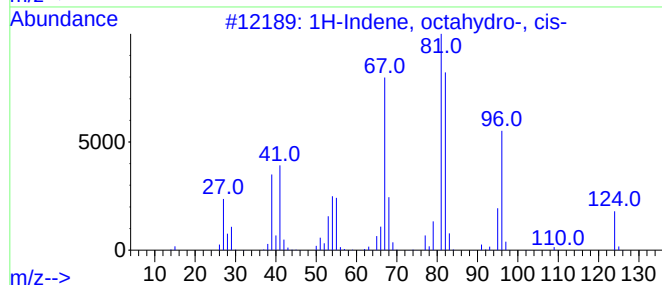
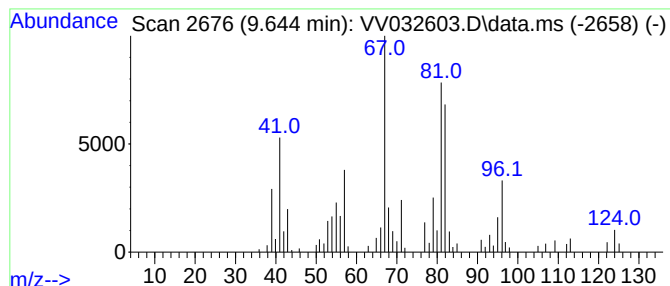
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Indene, octahydro-, cis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.644	1.95 ug/L	137505	Chlorobenzene-d5	8.789	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	92
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	53
4	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	47
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

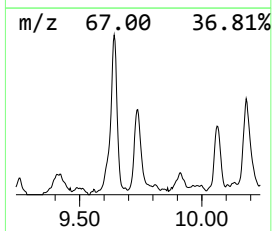
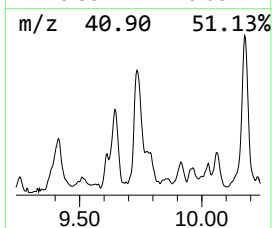
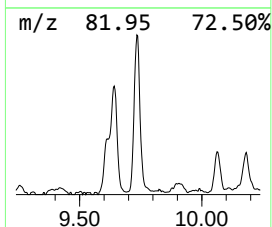
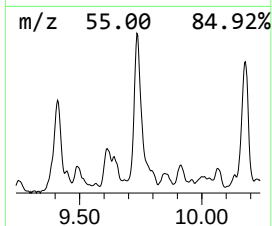
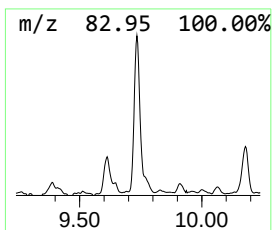
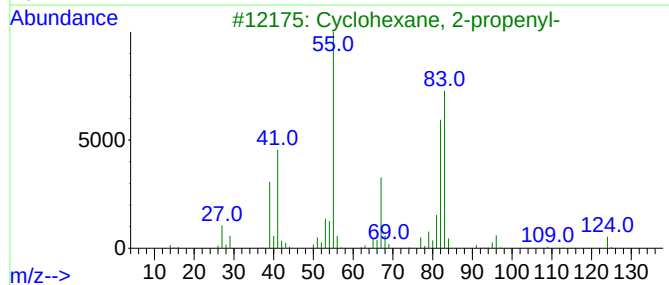
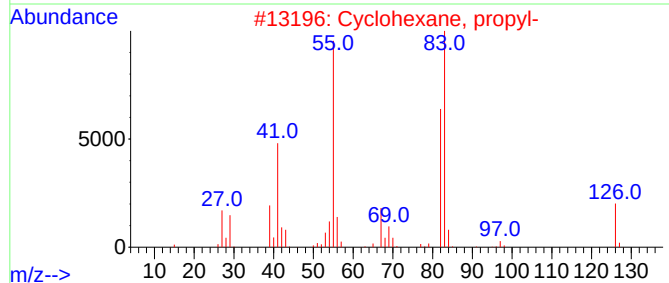
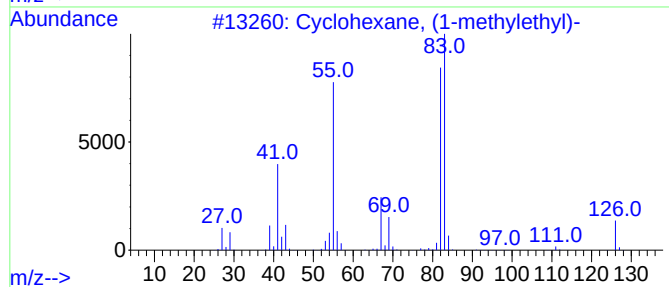
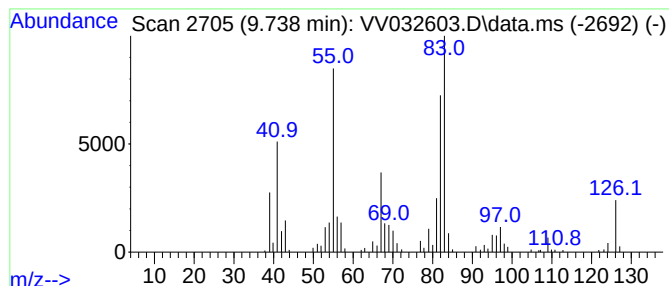
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Cyclic9.738 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.738	2.30 ug/L	162844	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	81
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

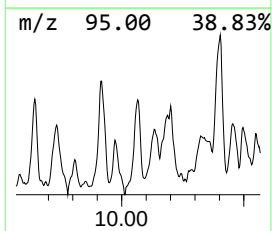
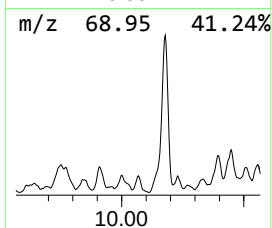
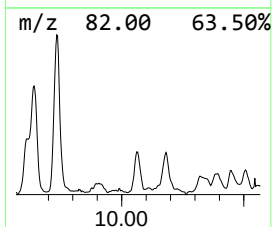
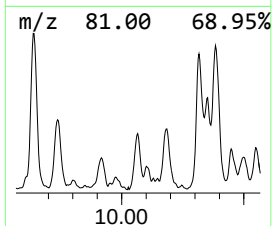
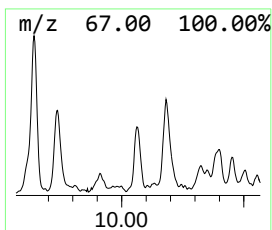
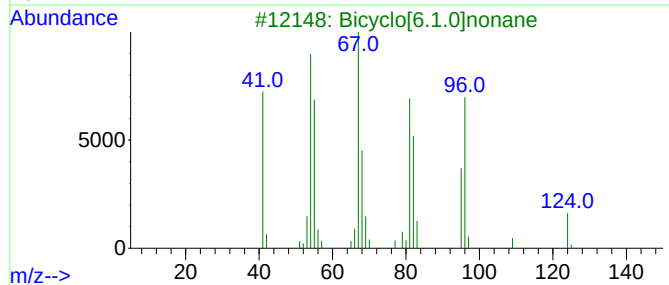
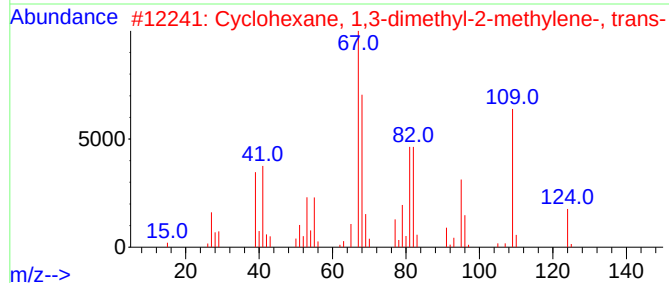
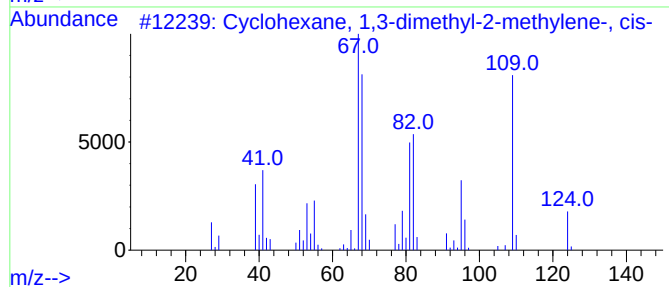
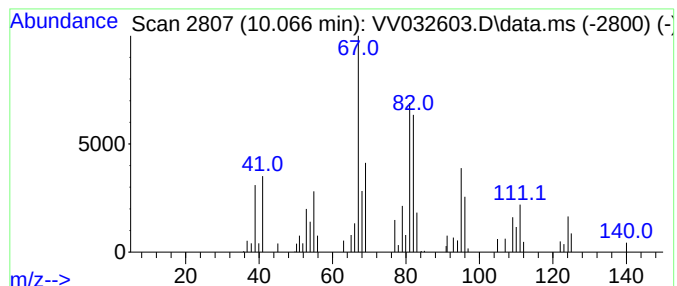
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Cyclohexane, 1,3-dimethyl-2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.066	0.55 ug/L	41758	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	76
2			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	64
3			Bicyclo[6.1.0]nonane	124	C9H16	000286-60-2	58
4			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	53
5			4-Octyne, 2-methyl-	124	C9H16	010306-94-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

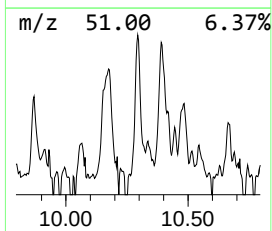
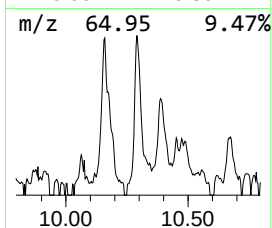
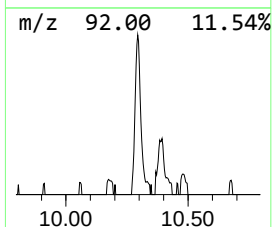
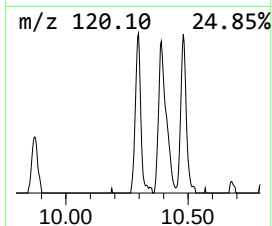
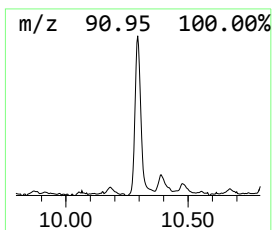
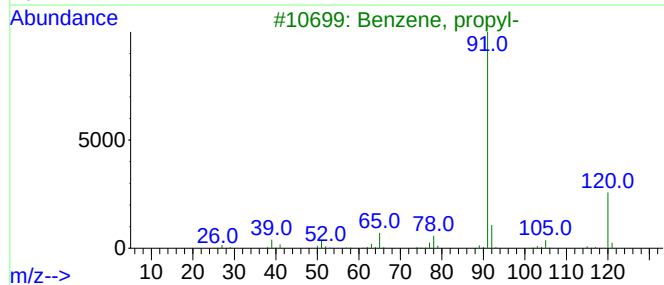
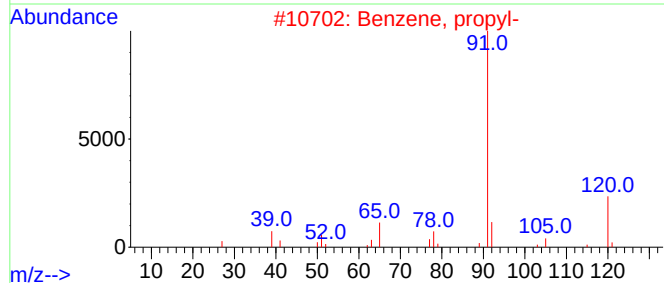
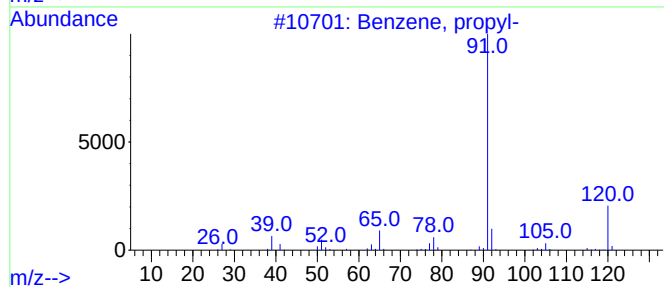
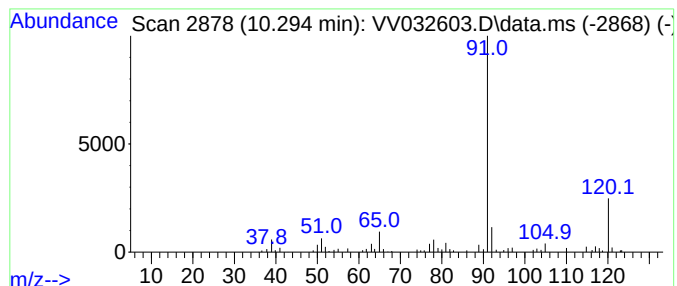
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.294	0.75 ug/L	56551	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	87
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	80
4			Benzene, propyl-	120	C9H12	000103-65-1	76
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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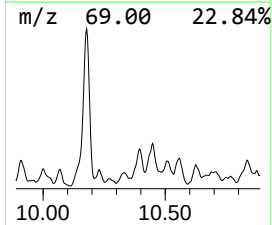
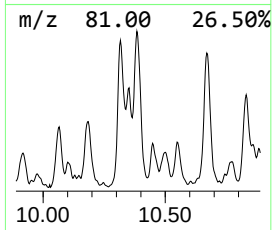
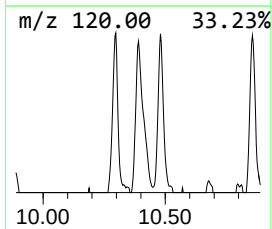
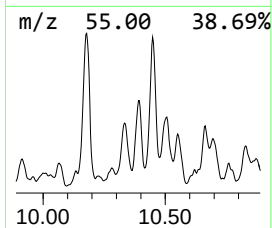
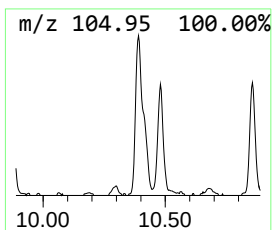
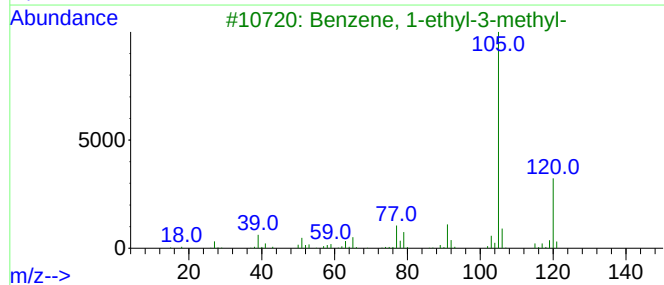
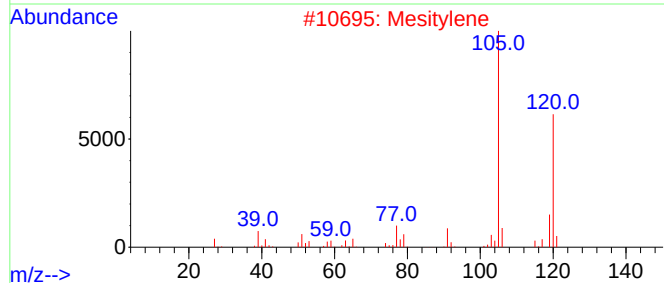
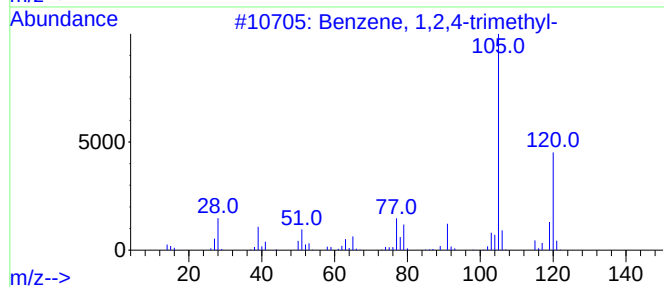
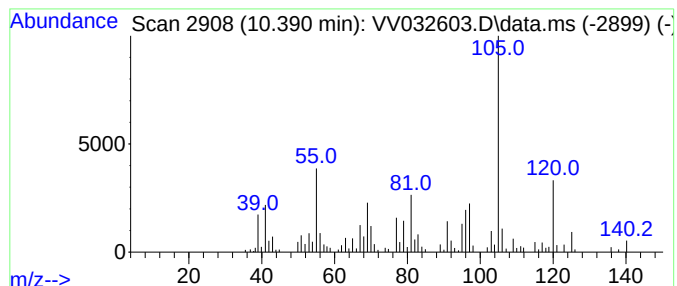
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	1.50 ug/L	112519	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
2			Mesitylene	120	C9H12	000108-67-8	46
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

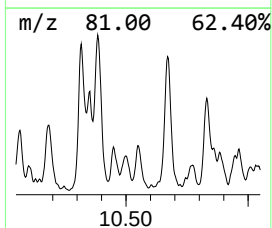
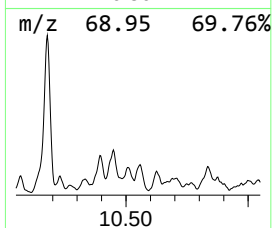
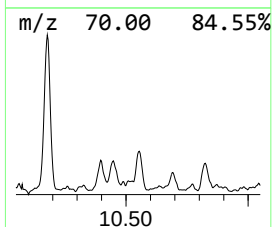
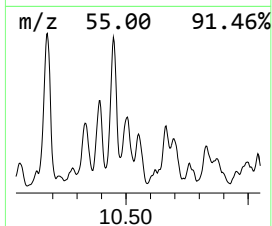
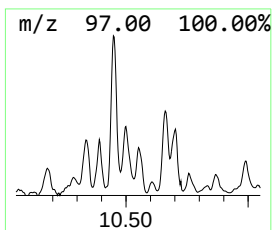
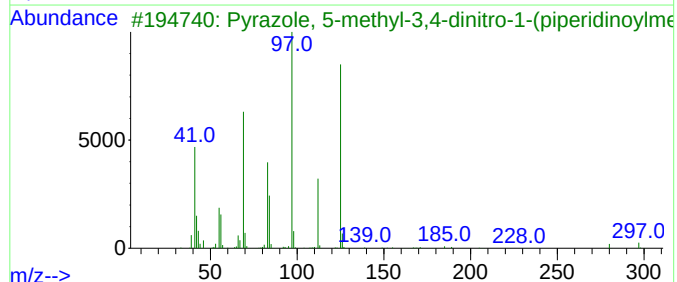
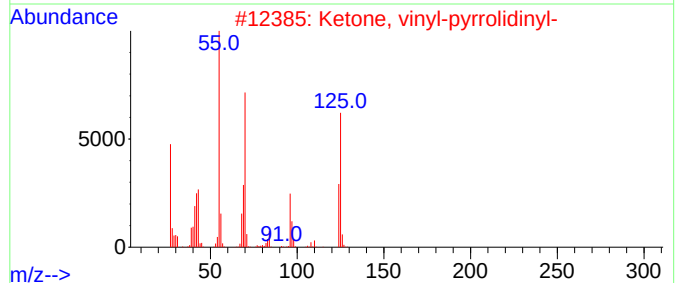
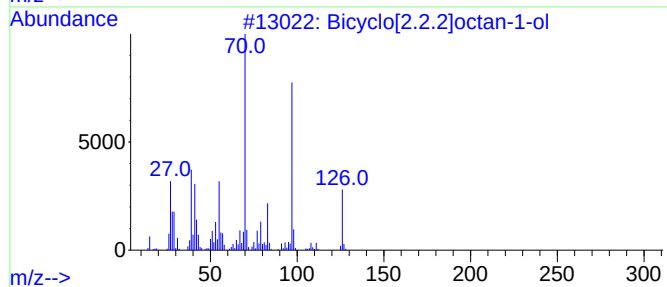
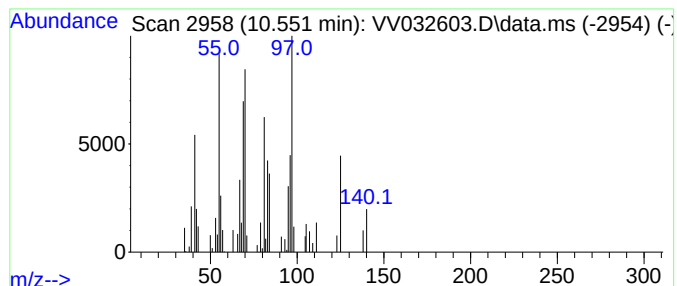
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	0.60 ug/L	44822	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.2]octan-1-ol	126	C8H14O	020534-58-1	38
2			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	38
3			Pyrazole, 5-methyl-3,4-dinitro-1...	297	C11H15N5O5	345950-83-6	38
4			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	30
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

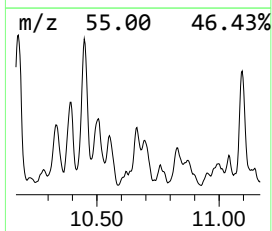
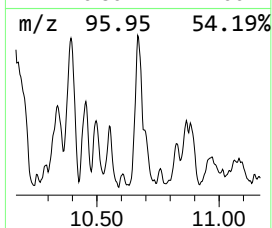
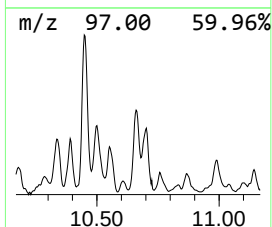
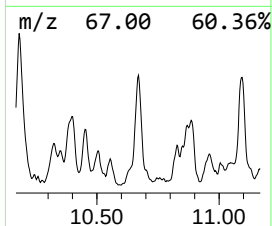
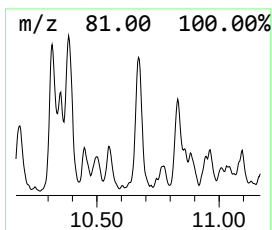
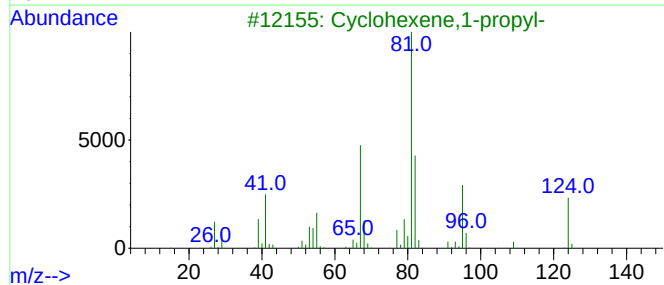
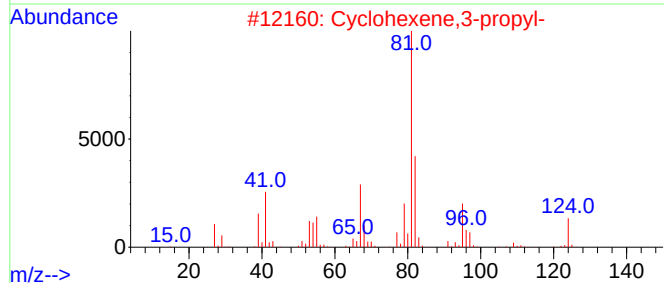
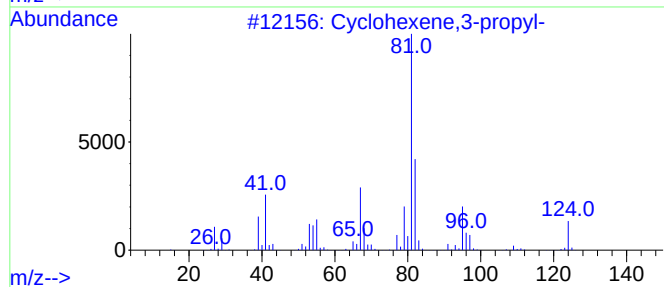
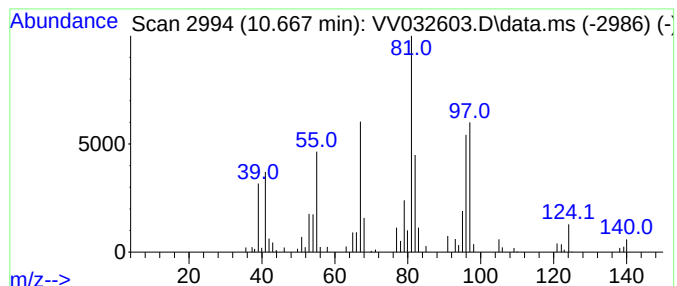
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Cyclohexene,3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	1.23 ug/L	92589	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52
2			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52
3			Cyclohexene,1-propyl-	124	C9H16	002539-75-5	49
4			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	49
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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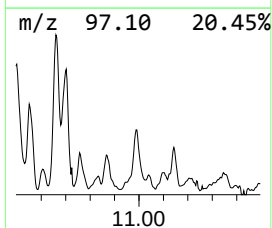
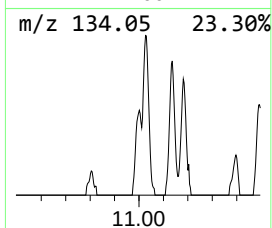
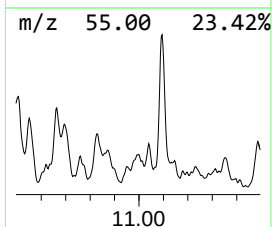
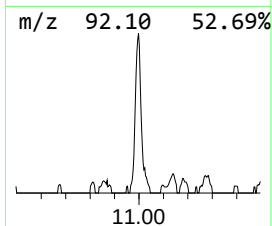
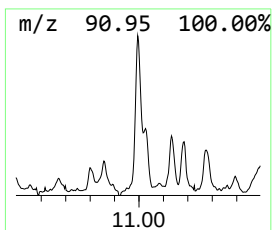
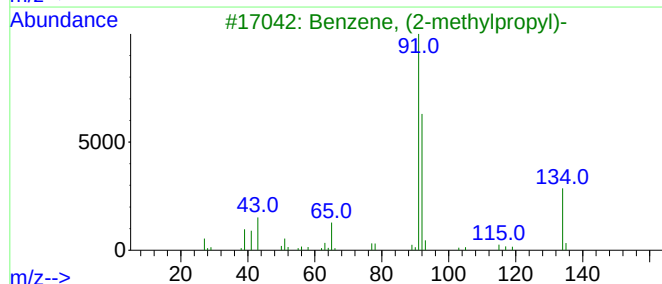
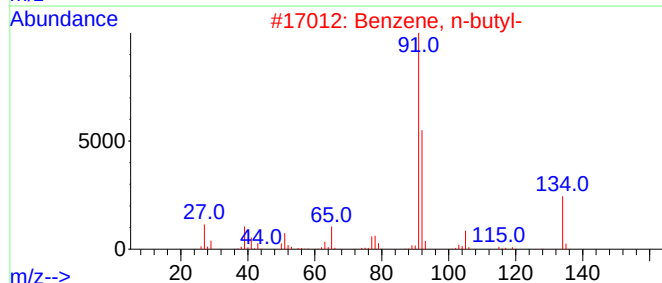
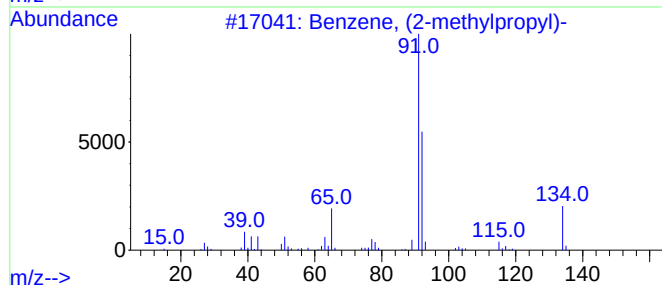
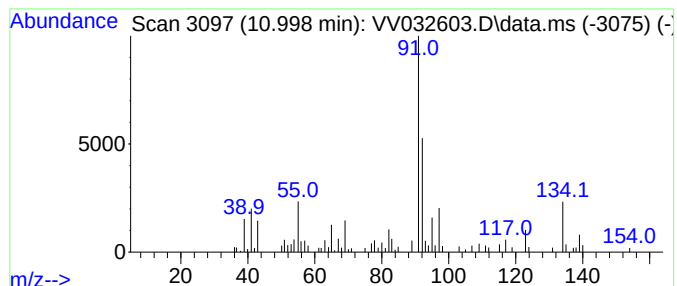
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	0.84 ug/L	63530	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	60
2			Benzene, n-butyl-	134	C10H14	000104-51-8	53
3			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
4			Benzene, n-butyl-	134	C10H14	000104-51-8	49
5			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

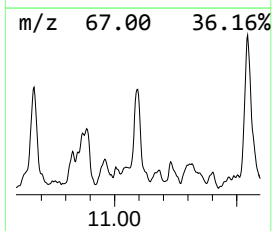
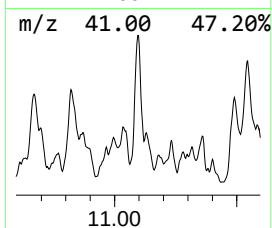
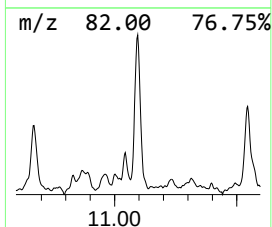
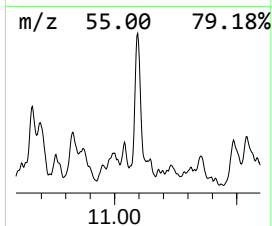
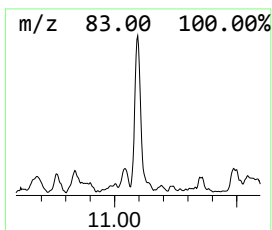
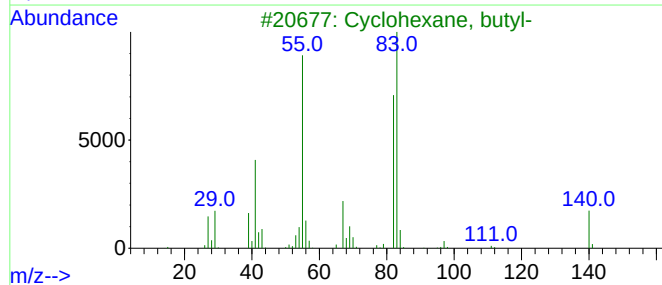
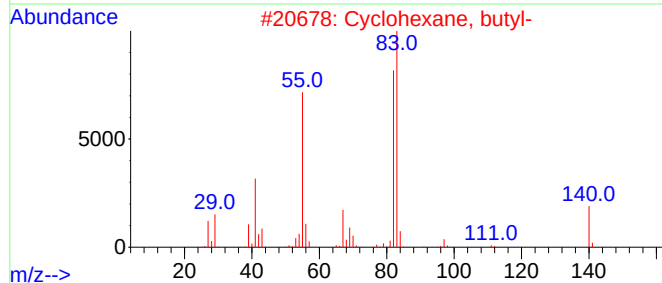
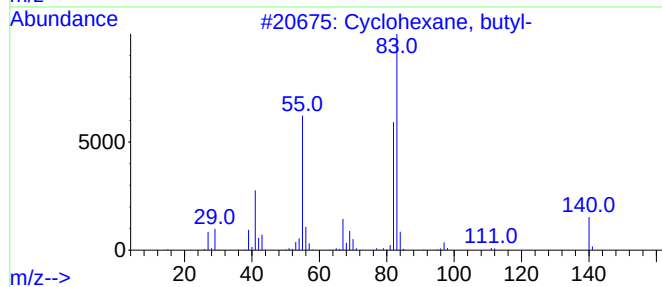
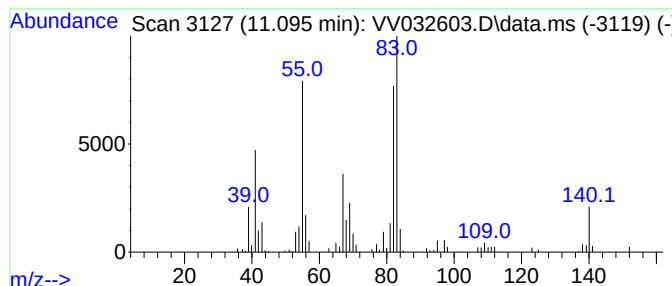
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.095 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.095	0.91 ug/L	68255	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

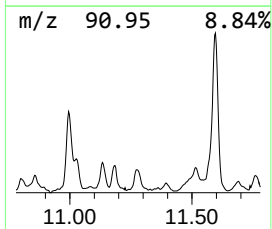
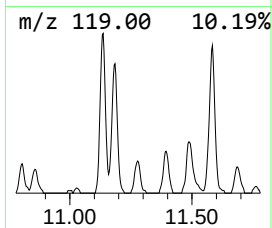
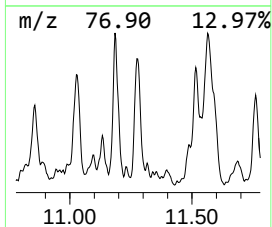
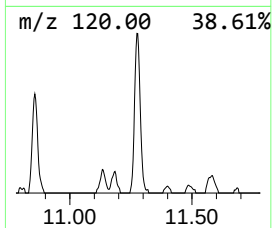
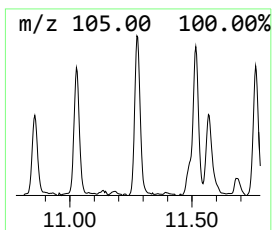
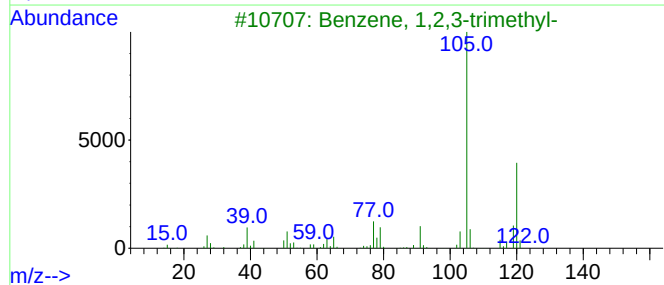
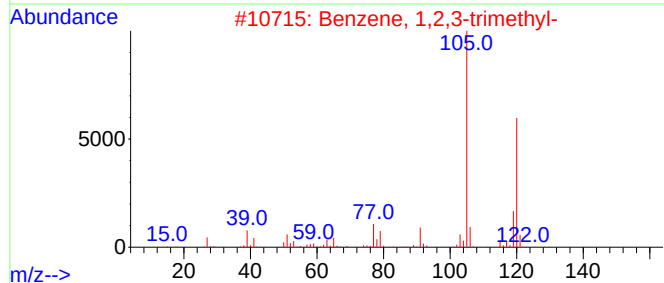
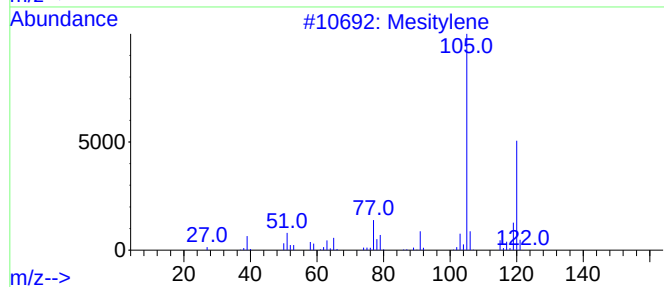
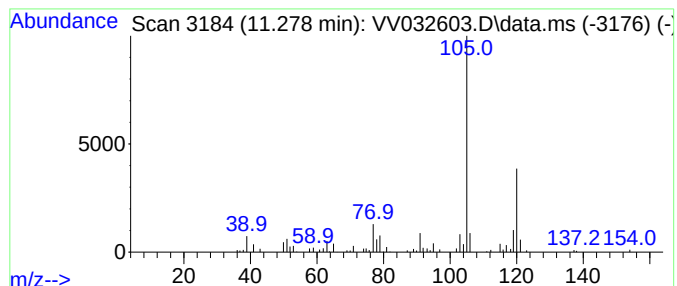
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	0.87 ug/L	65236	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

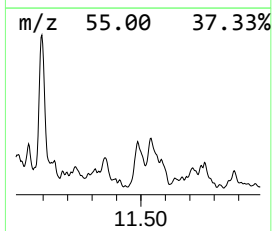
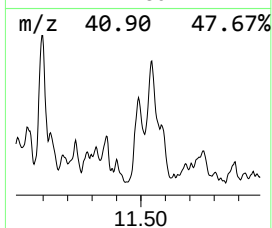
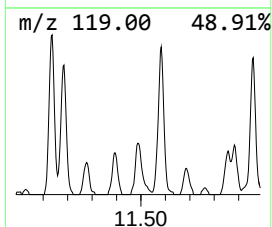
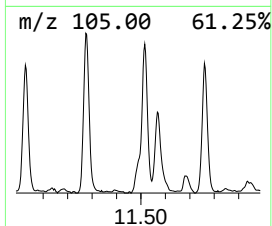
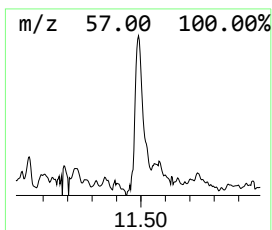
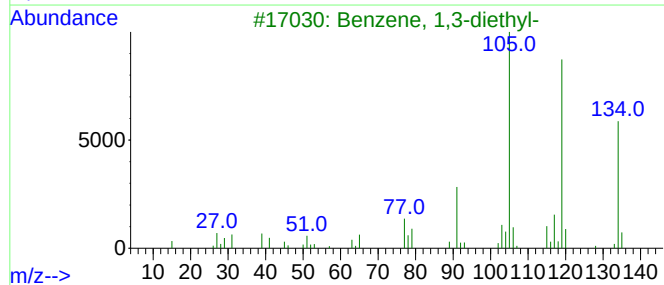
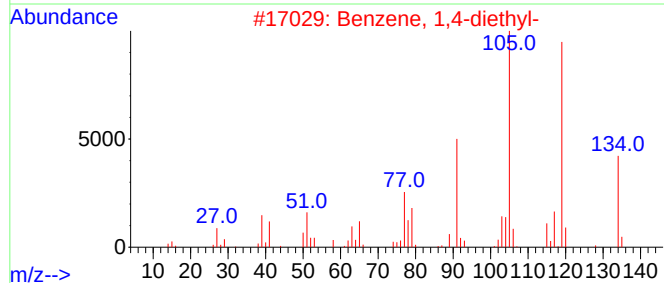
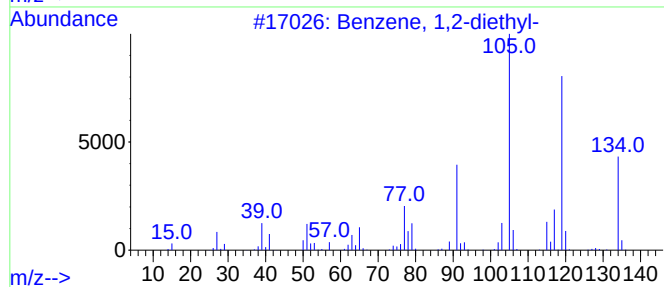
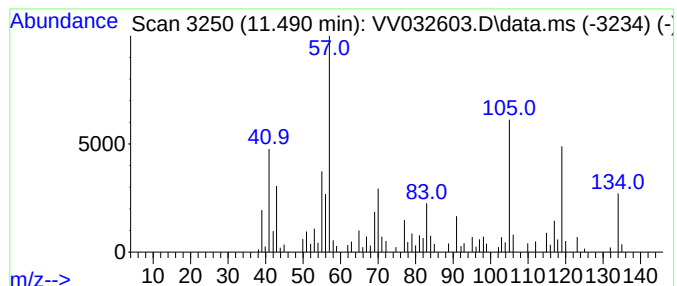
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	0.95 ug/L	71416	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	46
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	35
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

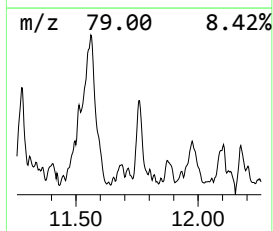
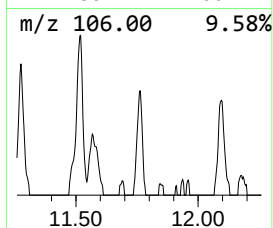
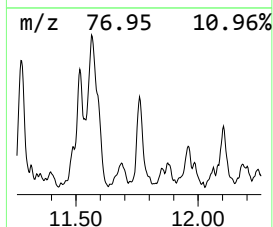
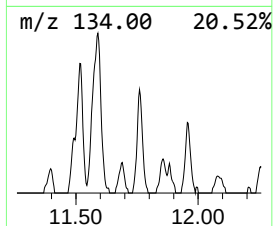
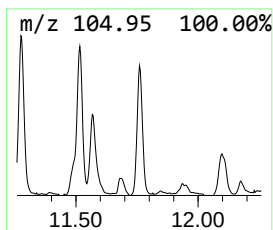
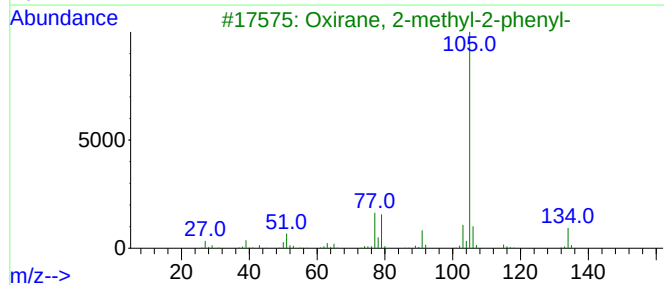
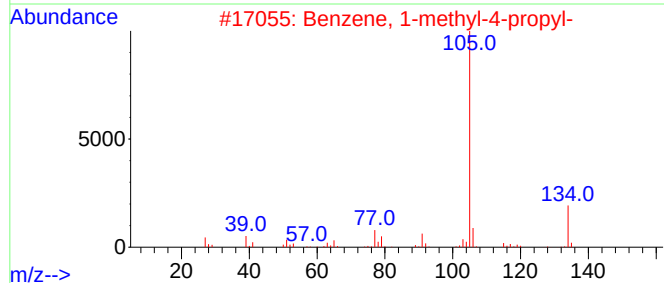
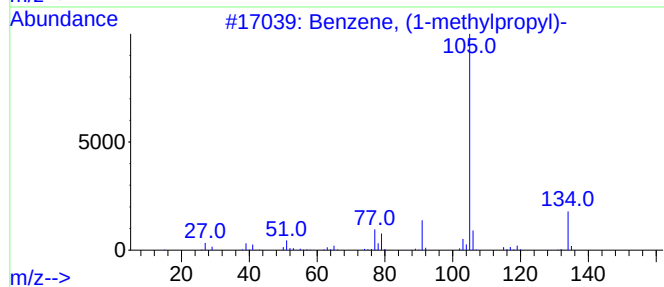
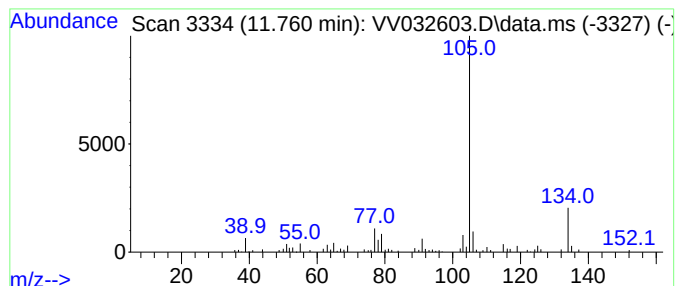
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Benzene, (1-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	0.66 ug/L	49381	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
Acq On : 24 Oct 2023 20:31
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

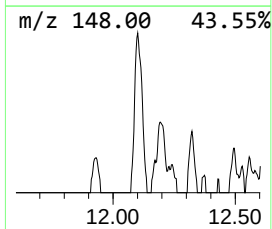
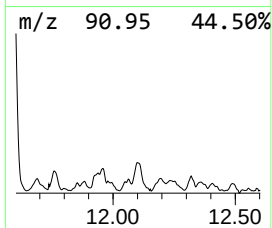
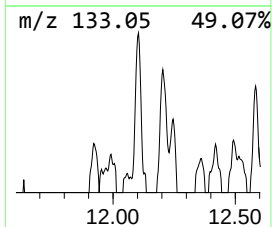
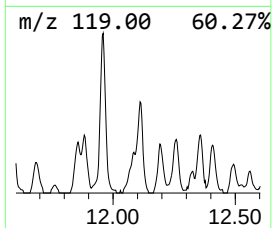
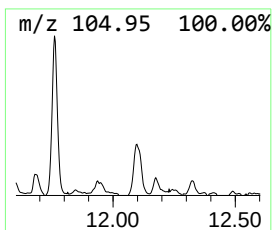
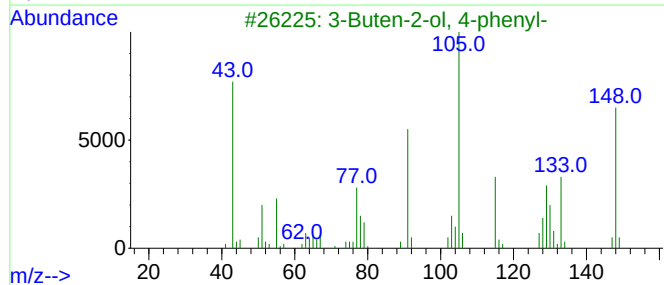
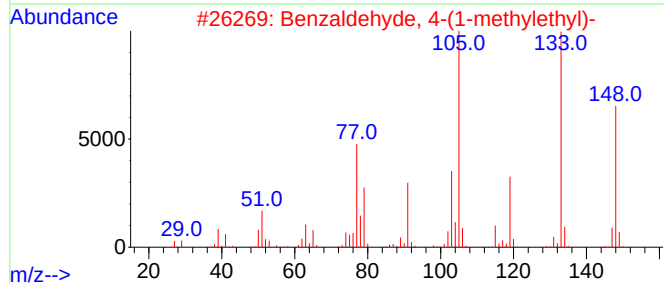
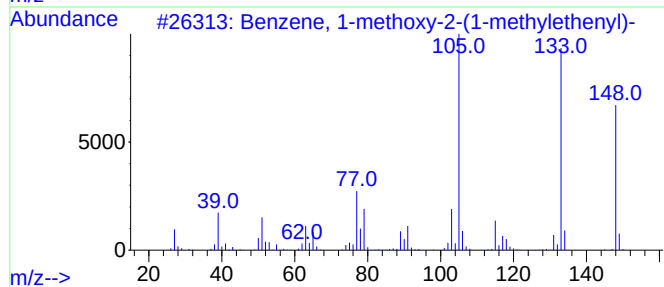
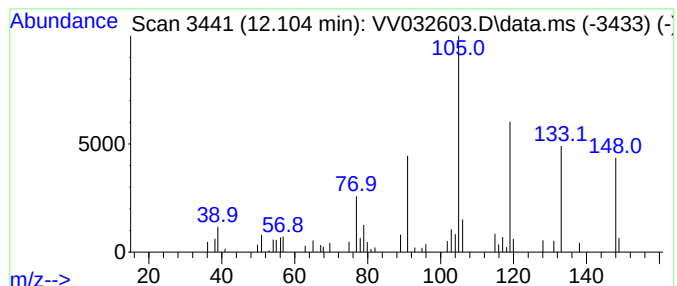
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Benzene, 1-methoxy-2-(1-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	0.74 ug/L	55571	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	52
2			Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	50
3			3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	46
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
 Data File : VV032603.D
 Acq On : 24 Oct 2023 20:31
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 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
(DEL) Alkane: S...	1.085	0.5	ug/L	26560	1	5.535	248977	5.0
(DEL) Alkane: C...	8.284	0.6	ug/L	40552	2	8.789	353436	5.0
(DEL) Alkane: C...	9.413	1.6	ug/L	109820	2	8.789	353436	5.0
1H-Indene, octa...	9.644	2.0	ug/L	137505	2	8.789	353436	5.0
(DEL) Alkane: C...	9.738	2.3	ug/L	162844	2	8.789	353436	5.0
Cyclohexane, 1,...	10.066	0.6	ug/L	41758	3	11.188	376227	5.0
Benzene, propyl-	10.294	0.8	ug/L	56551	3	11.188	376227	5.0
unknown-01	10.390	1.5	ug/L	112519	3	11.188	376227	5.0
unknown-02	10.551	0.6	ug/L	44822	3	11.188	376227	5.0
Cyclohexene, 3-p...	10.667	1.2	ug/L	92589	3	11.188	376227	5.0
Benzene, (2-met...	10.998	0.8	ug/L	63530	3	11.188	376227	5.0
(DEL) Alkane: C...	11.095	0.9	ug/L	68255	3	11.188	376227	5.0
Benzene, 1,2,3-...	11.278	0.9	ug/L	65236	3	11.188	376227	5.0
Benzene, 1,2-di...	11.490	0.9	ug/L	71416	3	11.188	376227	5.0
Benzene, (1-met...	11.760	0.7	ug/L	49381	3	11.188	376227	5.0
Benzene, 1-meth...	12.104	0.7	ug/L	55571	3	11.188	376227	5.0