

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
 Data File : VV032633.D
 Acq On : 25 Oct 2023 15:14
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 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: VV032633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.101	9	19	32	rVB2	14201	20869	3.68%	0.311%
2	1.278	66	74	91	rVB	58008	61864	10.92%	0.922%
3	1.355	91	98	107	rBV	8055	12075	2.13%	0.180%
4	1.532	146	153	163	rBV	51285	60796	10.73%	0.906%
5	2.060	306	317	330	rBV	88314	129409	22.85%	1.928%
6	2.137	333	341	348	rVV	8527	18714	3.30%	0.279%
7	2.185	349	356	371	rVB2	14669	28724	5.07%	0.428%
8	3.809	849	861	892	rBV2	39129	146163	25.81%	2.178%
9	4.256	984	1000	1024	rBV3	63086	195363	34.49%	2.911%
10	4.381	1025	1039	1055	rVB4	10140	32180	5.68%	0.480%
11	4.960	1201	1219	1237	rBV2	137958	356001	62.86%	5.305%
12	5.053	1242	1248	1270	rVB4	14161	37566	6.63%	0.560%
13	5.538	1387	1399	1415	rBV	112894	236103	41.69%	3.518%
14	5.616	1416	1423	1440	rVB2	11420	28182	4.98%	0.420%
15	5.992	1528	1540	1552	rBV	81660	166615	29.42%	2.483%
16	6.439	1666	1679	1692	rBV2	16362	33916	5.99%	0.505%
17	6.918	1817	1828	1851	rBV2	37792	80269	14.17%	1.196%
18	7.194	1901	1914	1919	rBV6	7472	14327	2.53%	0.213%
19	7.246	1920	1930	1960	rVB	163305	318495	56.23%	4.746%
20	7.561	2017	2028	2054	rBV3	24242	67438	11.91%	1.005%
21	7.718	2068	2077	2089	rVB3	4433	7921	1.40%	0.118%
22	8.030	2161	2174	2203	rBV	207202	438621	77.44%	6.536%
23	8.178	2211	2220	2228	rBV2	20141	39678	7.01%	0.591%
24	8.220	2229	2233	2243	rVB3	20577	32218	5.69%	0.480%
25	8.284	2243	2253	2274	rVB3	32105	63771	11.26%	0.950%
26	8.442	2294	2302	2312	rVB9	5387	9342	1.65%	0.139%
27	8.526	2312	2328	2339	rBV7	21649	53289	9.41%	0.794%
28	8.603	2345	2352	2363	rVB4	10227	18044	3.19%	0.269%
29	8.725	2380	2390	2399	rBV2	16813	29757	5.25%	0.443%
30	8.786	2399	2409	2429	rBV	194371	346240	61.13%	5.159%
31	8.927	2444	2453	2470	rBV5	13315	28993	5.12%	0.432%
32	9.043	2479	2489	2494	rBV7	22338	42661	7.53%	0.636%
33	9.091	2499	2504	2511	rVV	48153	77413	13.67%	1.154%
34	9.133	2511	2517	2539	rVB4	28298	66140	11.68%	0.986%
35	9.252	2544	2554	2569	rBV4	19305	35306	6.23%	0.526%
36	9.333	2571	2579	2586	rBV4	7681	14276	2.52%	0.213%

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37	9.413	2588	2604	2621	rBV6	53635	134641	23.77%	2.006%
38	9.490	2622	2628	2633	rBV4	8853	12918	2.28%	0.192%
39	9.644	2658	2676	2690	rBV5	88627	211695	37.38%	3.154%
40	9.734	2694	2704	2717	rBV3	112741	231491	40.87%	3.449%
41	9.915	2752	2760	2768	rBV4	23682	36486	6.44%	0.544%
42	9.960	2768	2774	2782	rBV5	12743	17745	3.13%	0.264%
43	10.027	2791	2795	2800	rVV	10222	11750	2.07%	0.175%
44	10.062	2800	2806	2815	rVB4	36760	57095	10.08%	0.851%
45	10.178	2824	2842	2856	rBV4	153046	379085	66.93%	5.649%
46	10.294	2870	2878	2880	rBV	28001	35211	6.22%	0.525%
47	10.390	2900	2908	2918	rVV5	60302	111207	19.63%	1.657%
48	10.448	2918	2926	2935	rVV2	82650	137468	24.27%	2.048%
49	10.503	2937	2943	2953	rVV8	37088	83994	14.83%	1.252%
50	10.551	2953	2958	2970	rVB6	35692	63151	11.15%	0.941%
51	10.667	2986	2994	3013	rVB7	48466	123392	21.79%	1.839%
52	10.824	3034	3043	3051	rBV6	42366	87643	15.47%	1.306%
53	10.998	3075	3097	3101	rBV9	29538	82943	14.64%	1.236%
54	11.095	3118	3127	3134	rBV2	68642	107688	19.01%	1.605%
55	11.188	3147	3156	3166	rBV	245715	374096	66.05%	5.574%
56	11.284	3178	3186	3191	rBV7	11354	21203	3.74%	0.316%
57	11.355	3204	3208	3215	rVB4	14714	18506	3.27%	0.276%
58	11.484	3234	3248	3255	rBV2	99505	194027	34.26%	2.891%
59	11.564	3261	3273	3295	rVB3	243203	566374	100.00%	8.439%
60	11.760	3328	3334	3351	rVB	32376	55434	9.79%	0.826%
61	11.879	3366	3371	3380	rVB8	10309	14931	2.64%	0.222%
62	12.056	3420	3426	3431	rBV2	7662	11789	2.08%	0.176%
63	12.104	3432	3441	3457	rVB6	21722	53616	9.47%	0.799%
64	12.197	3457	3470	3478	rBV9	16548	35419	6.25%	0.528%
65	12.239	3480	3483	3491	rVB7	7315	9641	1.70%	0.144%
66	12.291	3492	3499	3506	rBV4	17796	30828	5.44%	0.459%
67	12.410	3529	3536	3545	rVB8	8614	14240	2.51%	0.212%
68	12.493	3557	3562	3570	rVB7	5727	6664	1.18%	0.099%
69	13.397	3826	3843	3849	rBV7	5888	12686	2.24%	0.189%
70	13.448	3851	3859	3871	rVB3	8939	17247	3.05%	0.257%

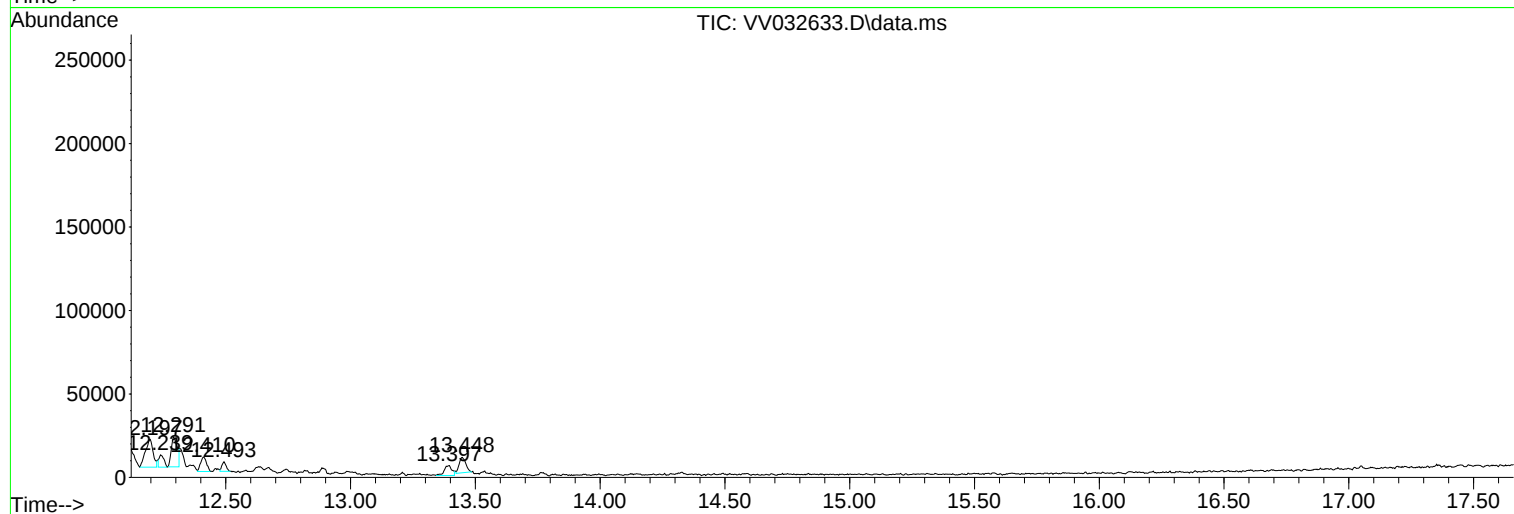
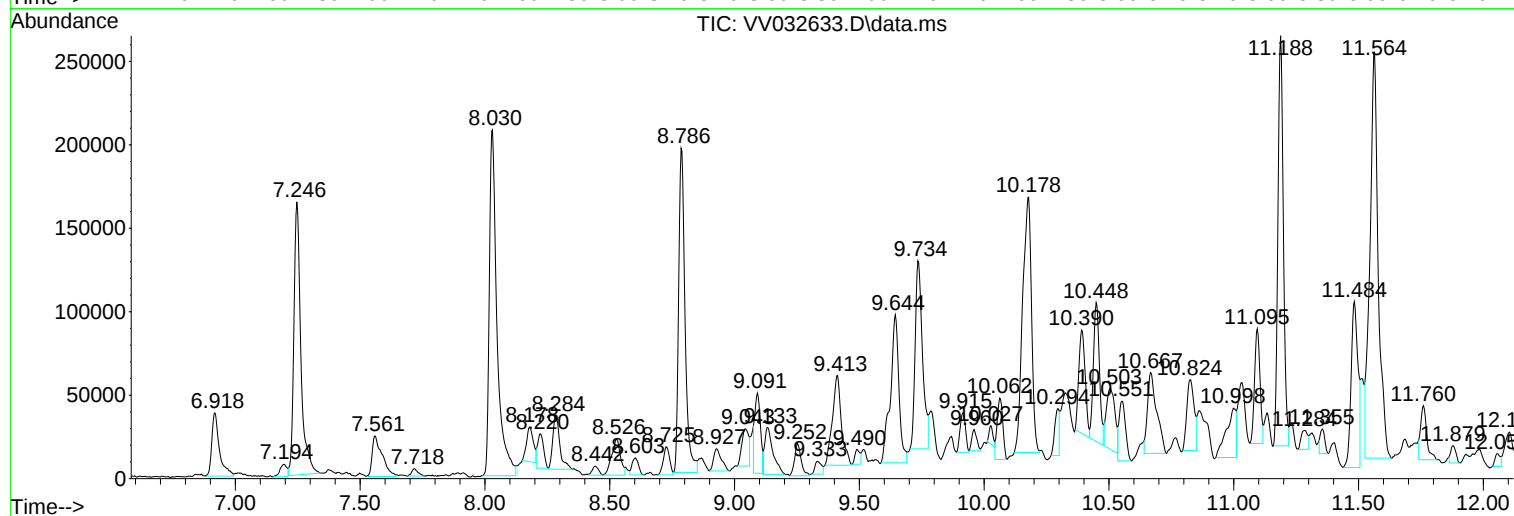
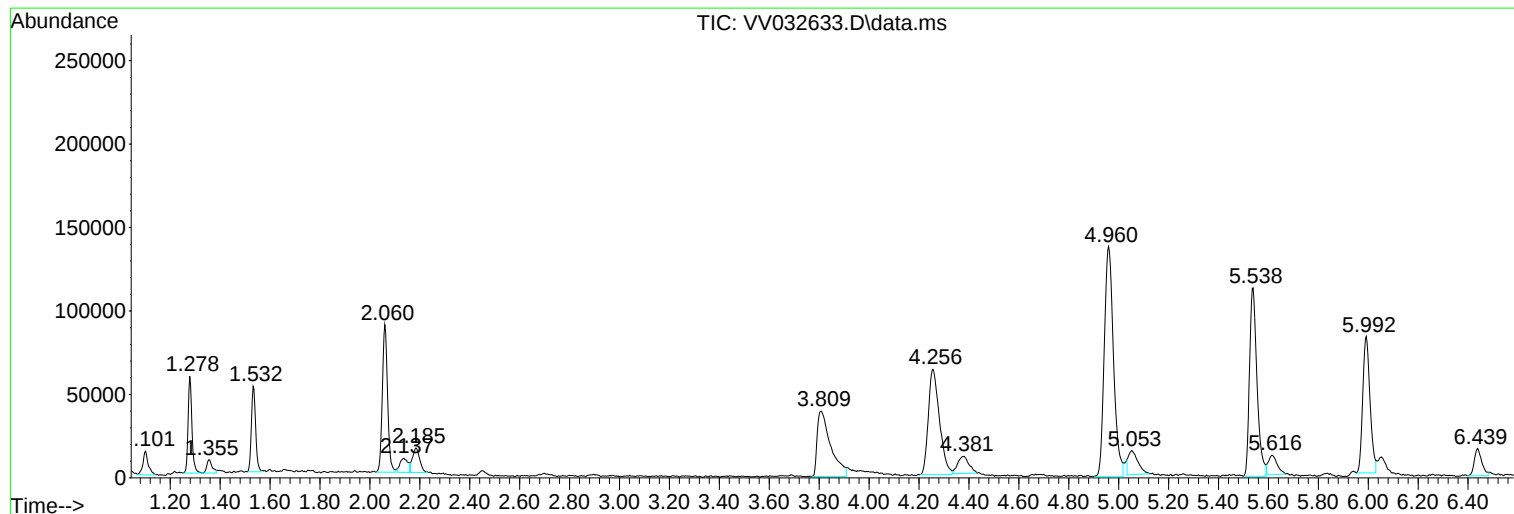
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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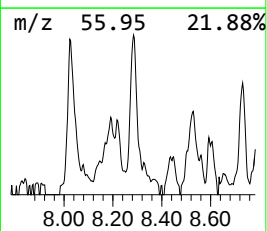
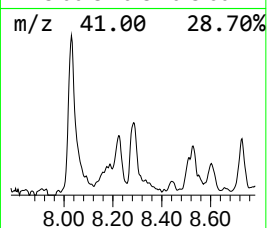
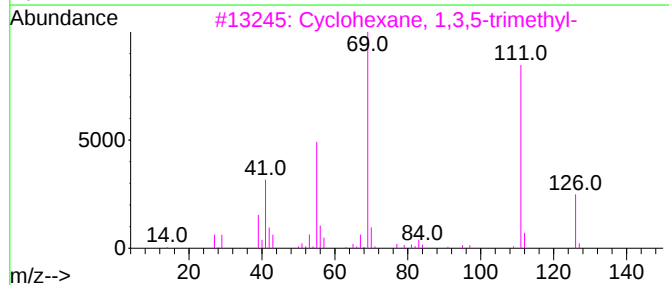
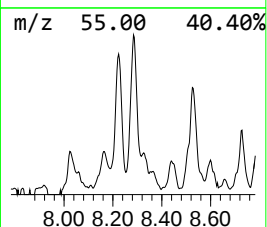
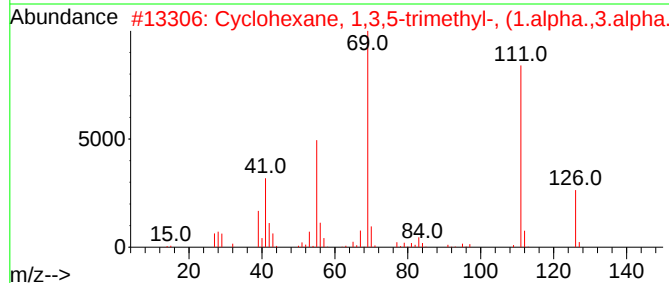
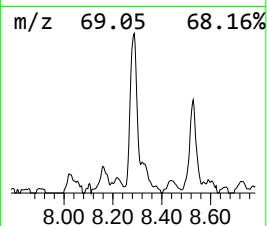
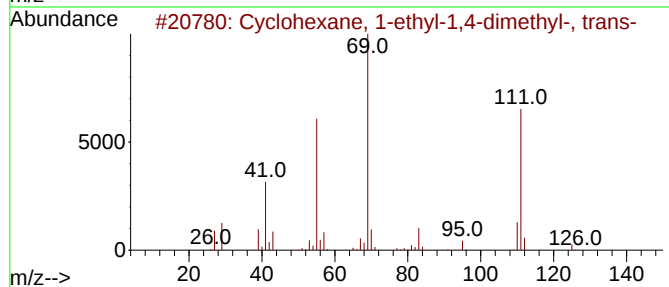
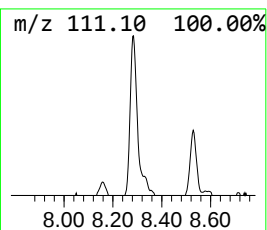
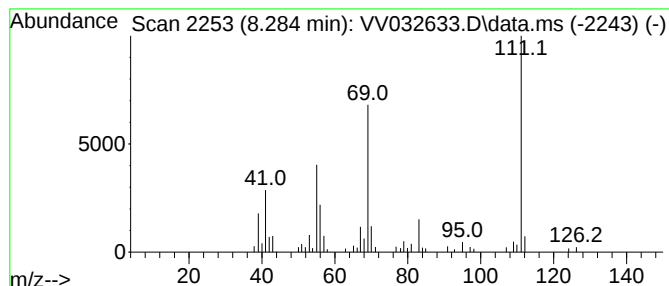
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Cyclic8.284 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	0.92 ug/L	63771	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	59
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
5			Isocytosine	111	C4H5N3O	000108-53-2	53



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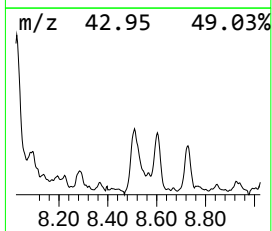
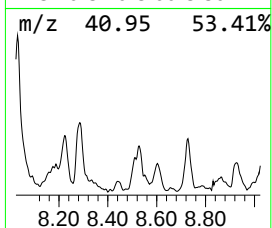
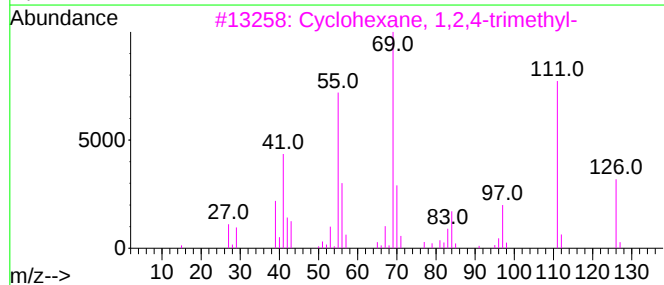
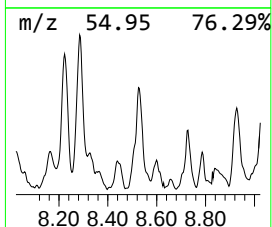
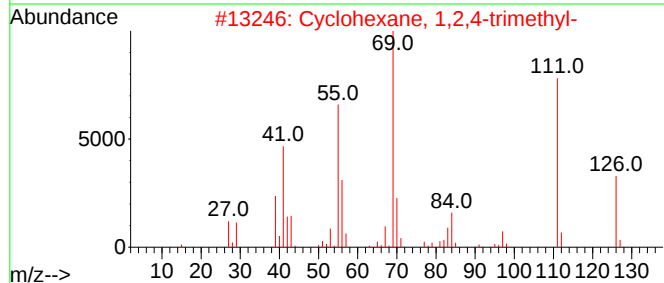
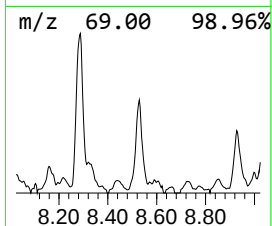
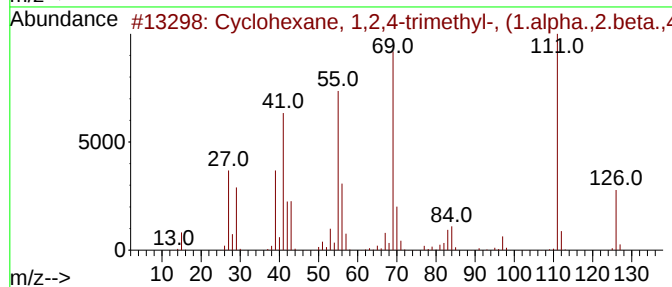
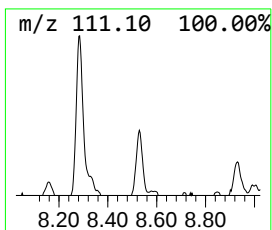
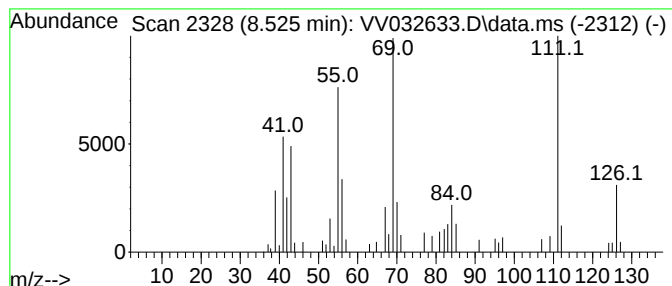
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Cyclic8.525 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.525	0.77 ug/L	53289	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81



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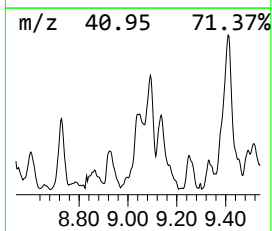
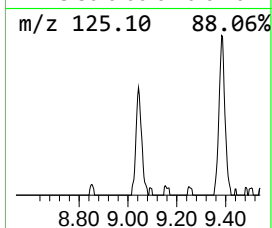
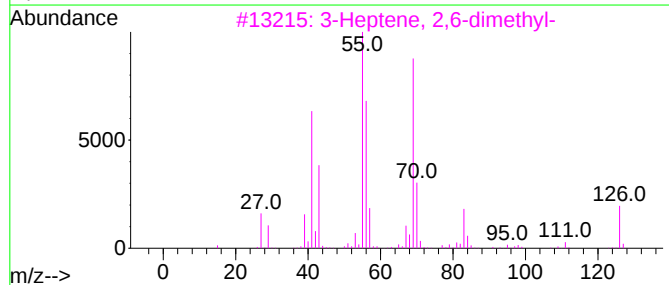
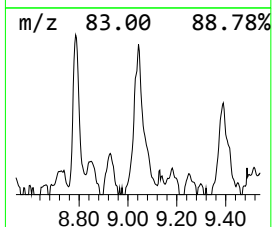
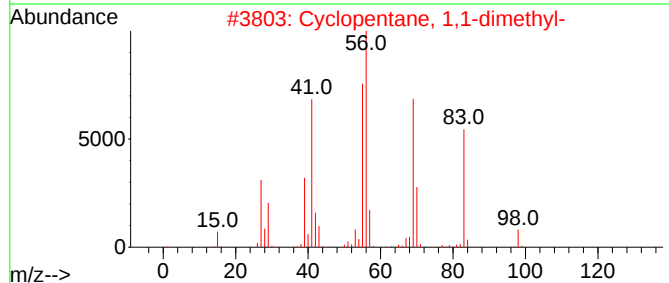
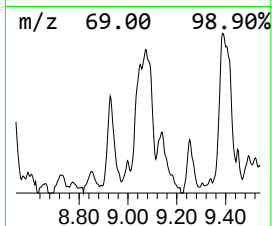
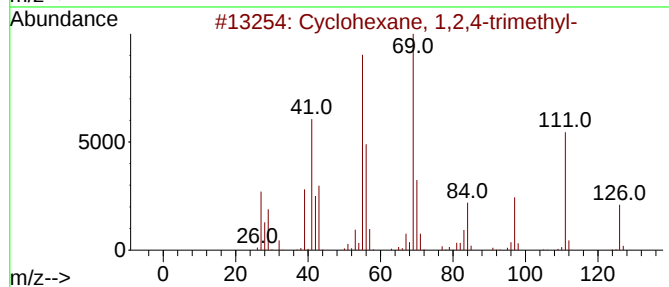
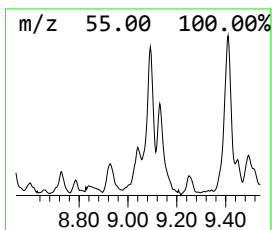
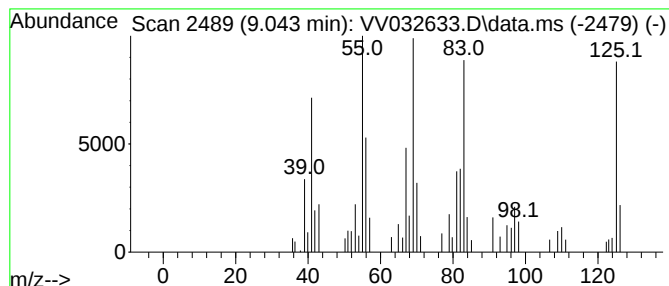
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic9.043 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.043	0.62 ug/L	42661	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
2			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	30
3			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	25
4			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	25
5			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	25



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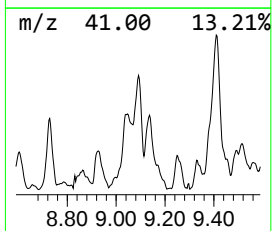
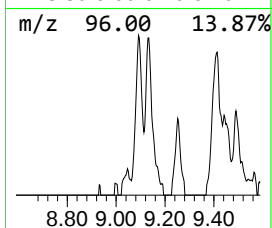
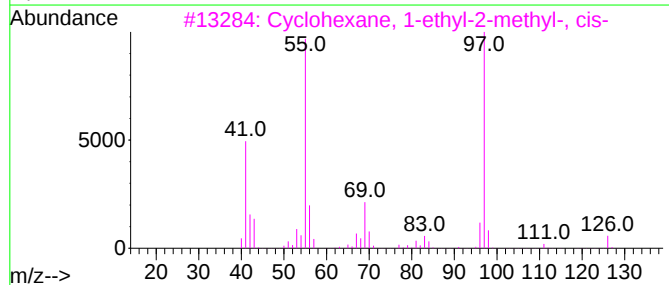
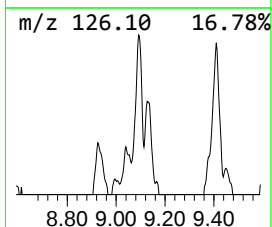
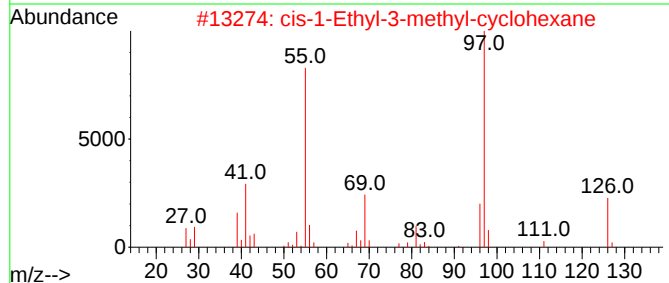
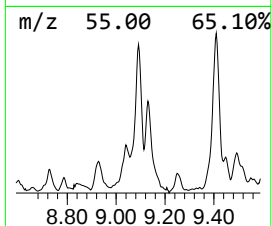
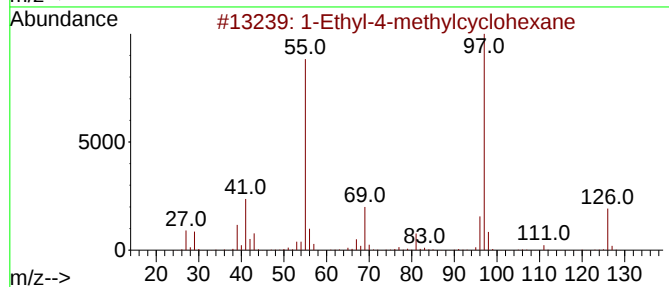
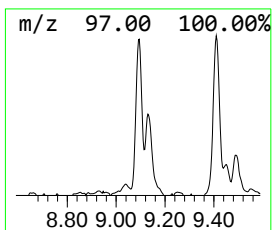
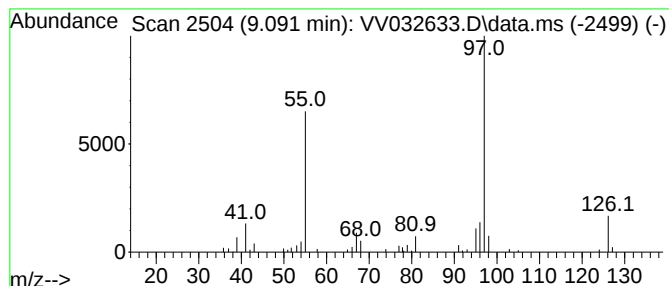
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Cyclic9.091 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.091	1.12 ug/L	77413	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	80
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
5		3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COAK6

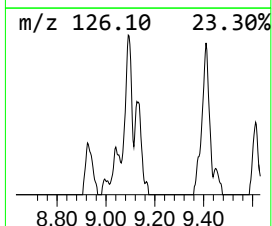
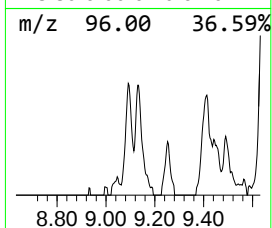
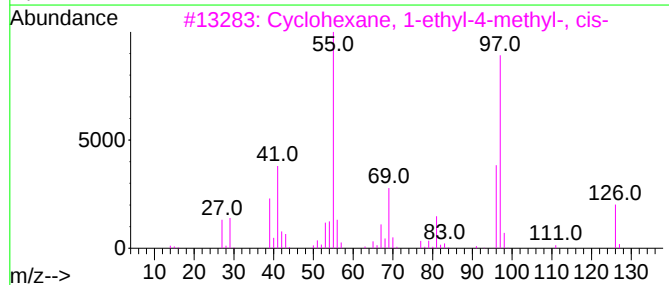
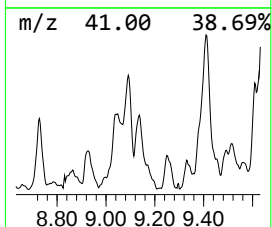
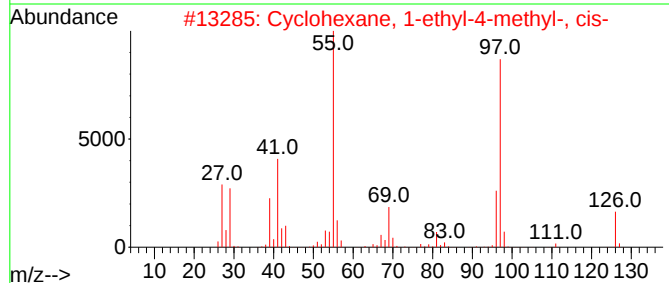
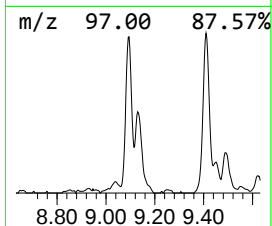
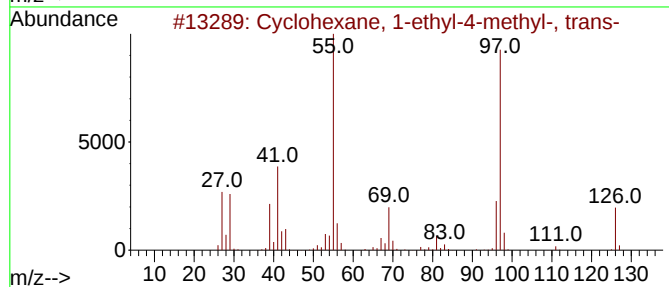
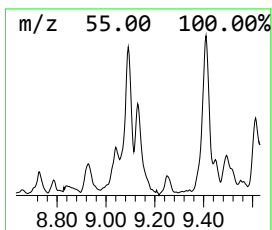
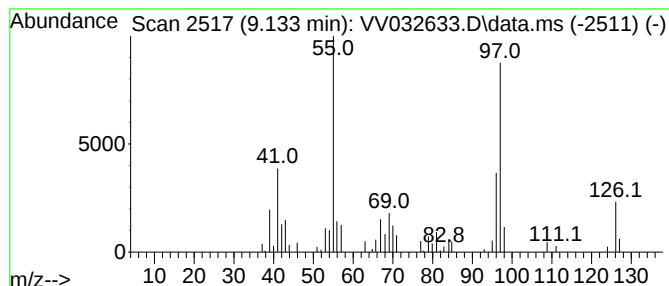
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Cyclic9.133 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	0.96 ug/L	66140	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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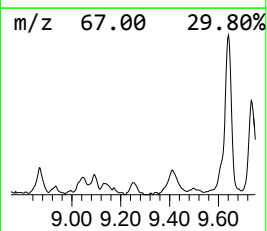
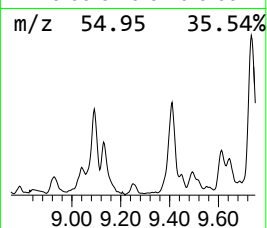
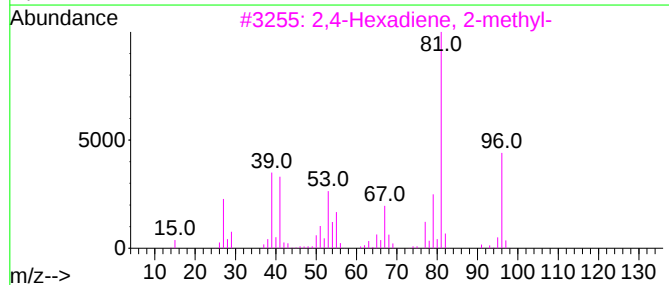
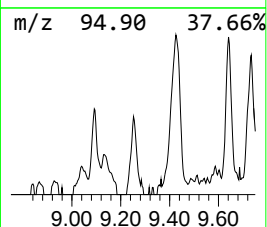
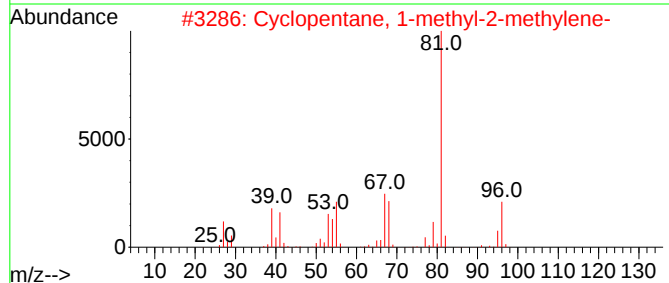
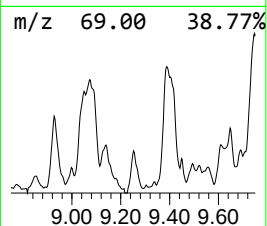
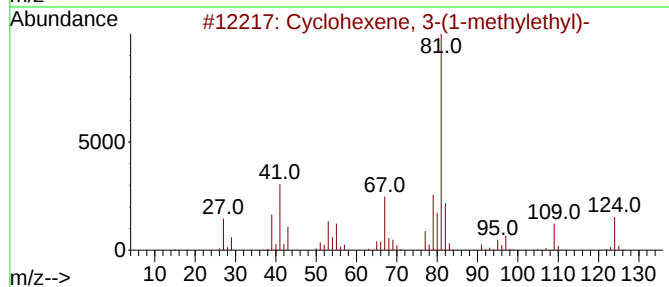
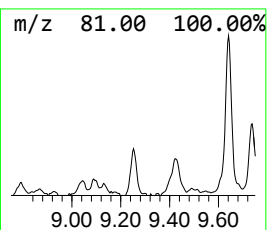
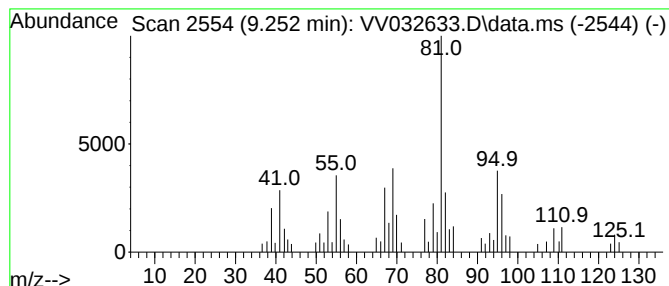
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Cyclohexene, 3-(1-methyleth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.252	0.51 ug/L	35306	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	53
2		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	50
3		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	50
4		Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	49
5		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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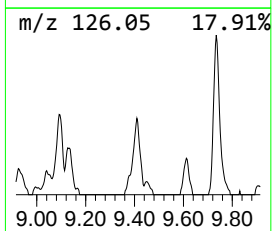
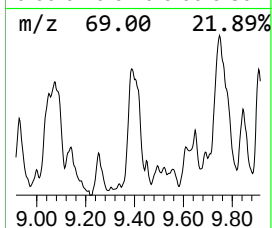
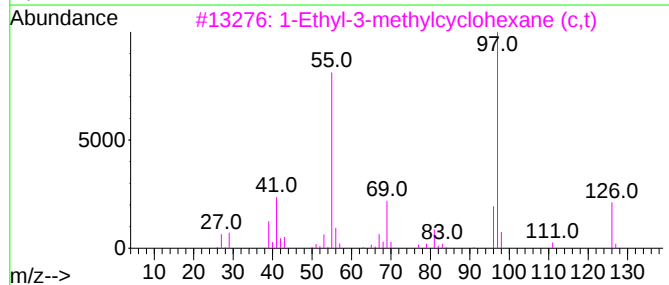
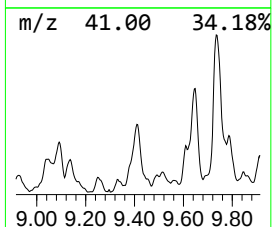
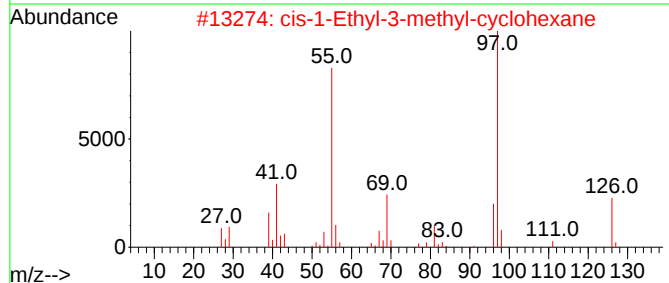
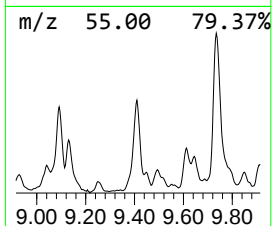
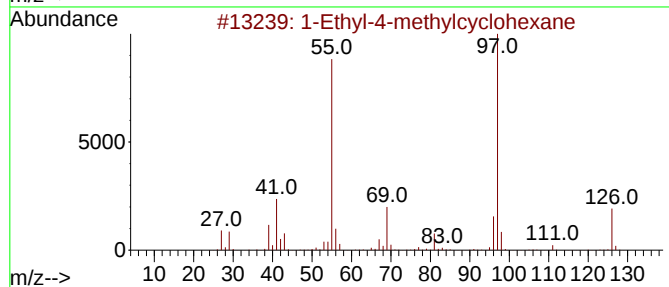
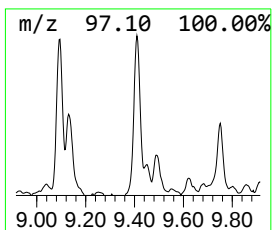
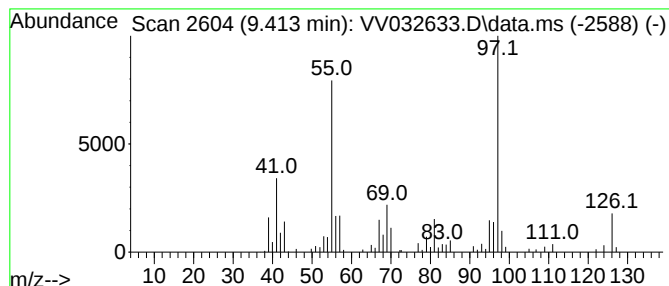
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Cyclic9.413 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.413	1.94 ug/L	134641	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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

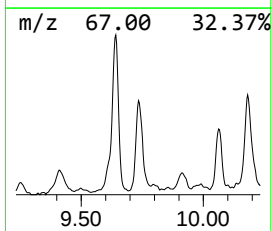
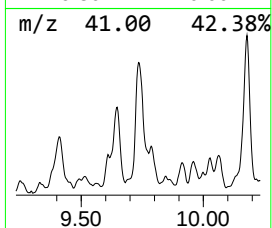
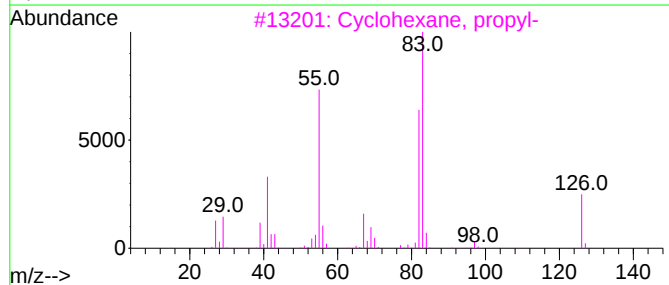
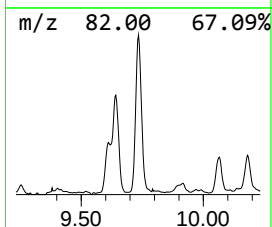
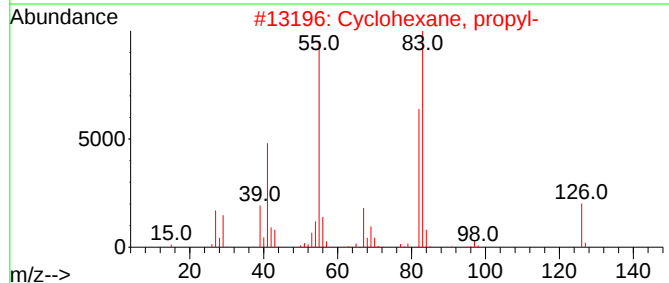
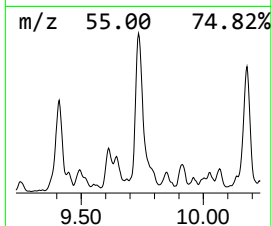
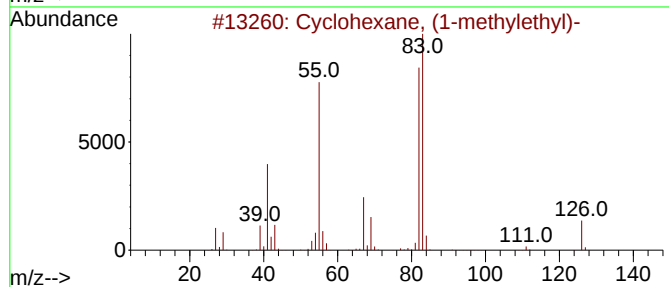
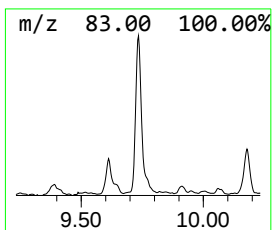
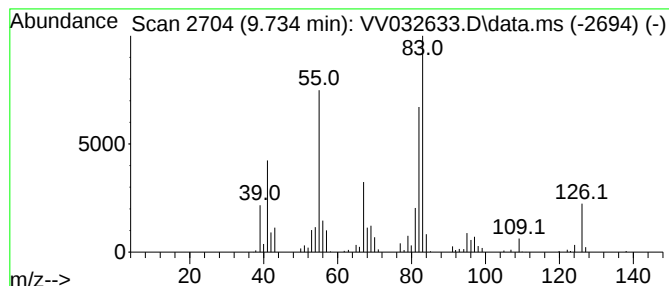
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TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic9.734 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.734	3.34 ug/L	231491	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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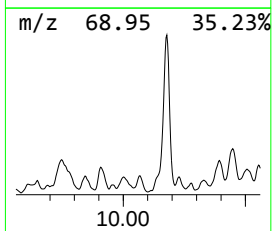
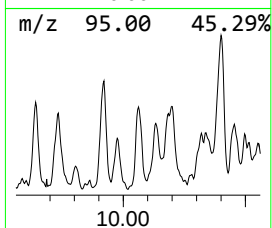
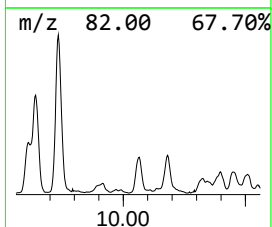
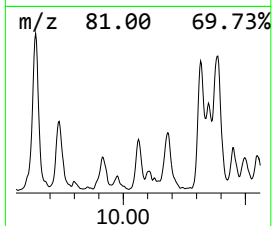
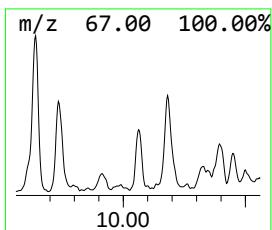
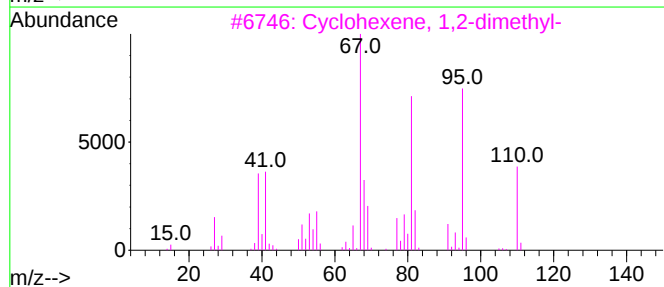
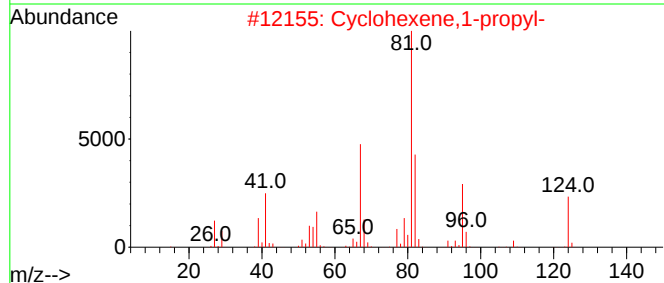
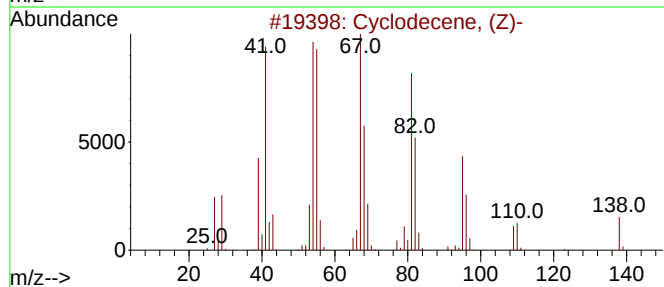
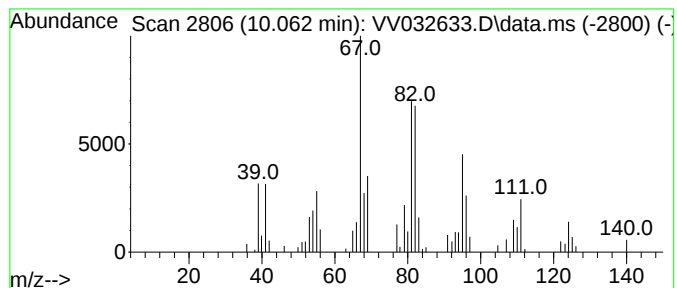
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Cyclodecene, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.062	0.76 ug/L	57095	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene, (Z)-	138	C10H18	000935-31-9	64
2			Cyclohexene,1-propyl-	124	C9H16	002539-75-5	64
3			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	53
4			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46
5			Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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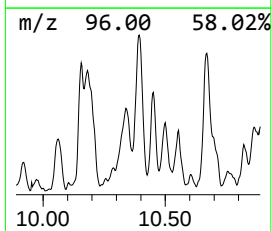
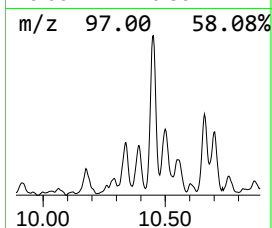
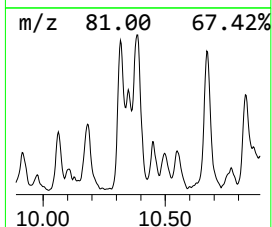
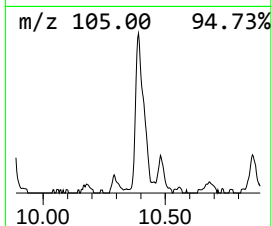
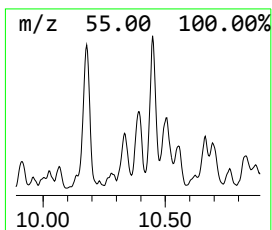
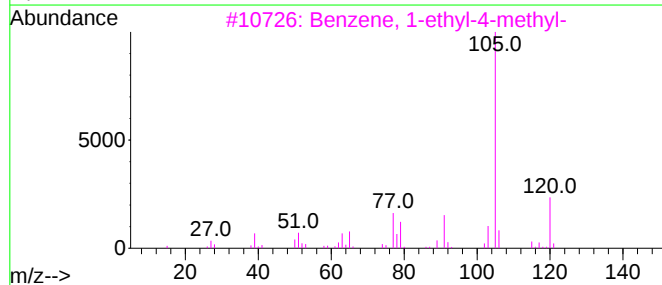
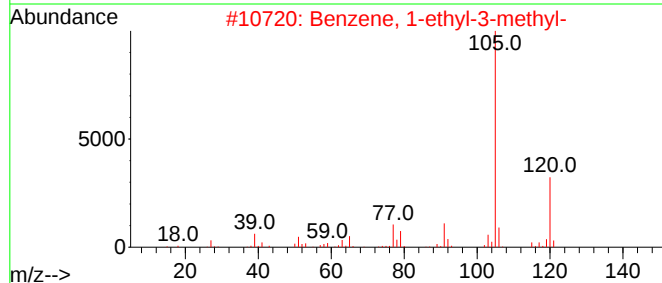
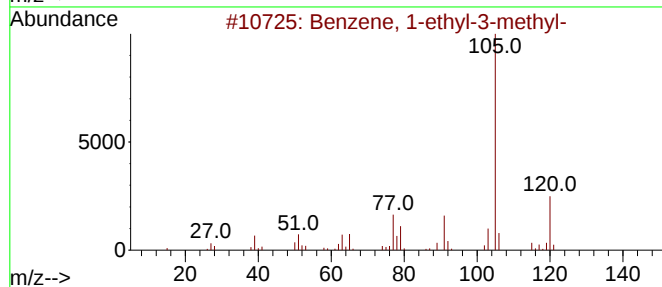
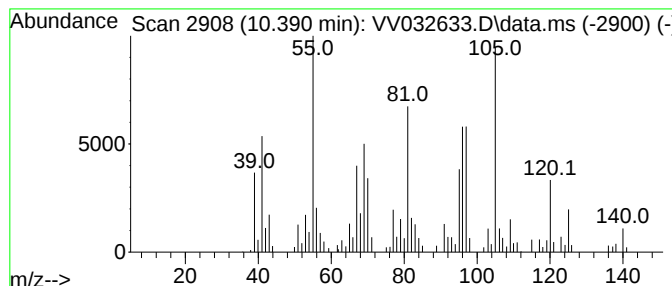
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	1.49 ug/L	111207	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	59
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	50
5			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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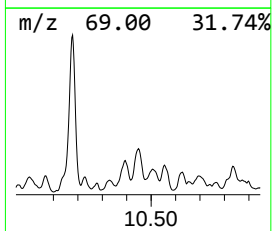
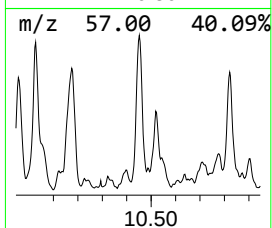
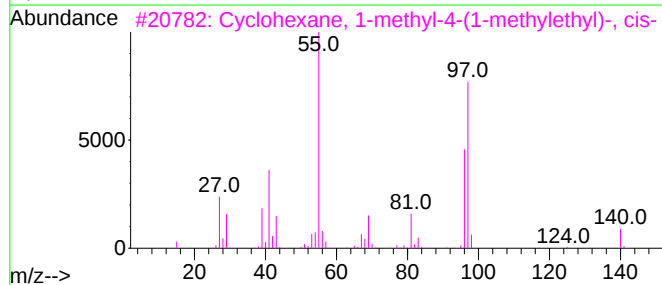
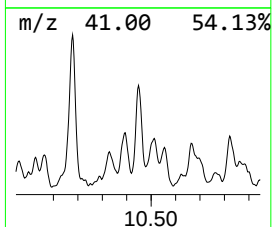
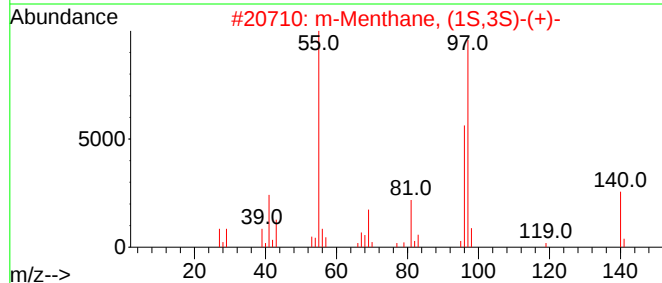
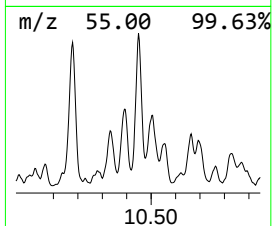
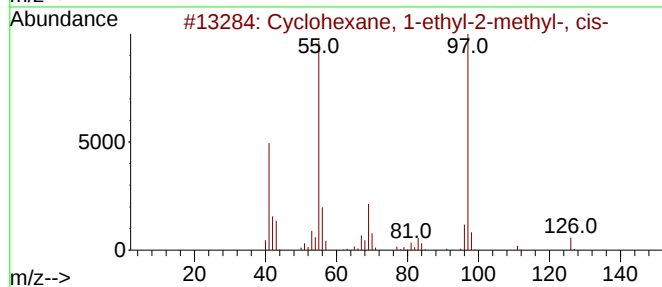
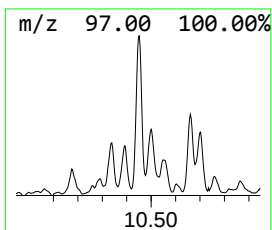
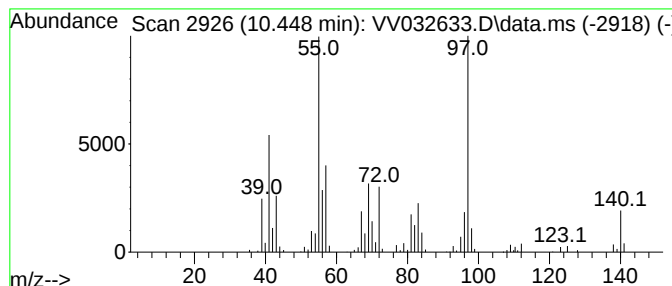
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Cyclic10.448 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	1.84 ug/L	137468	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
4			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	52
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

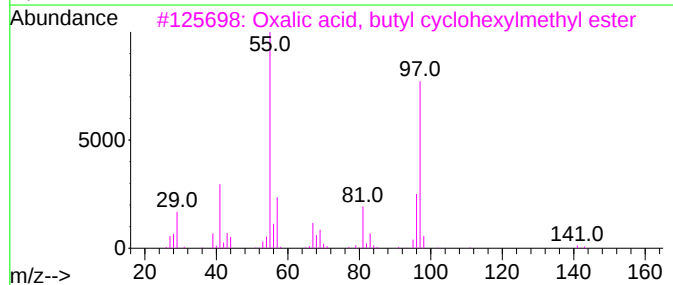
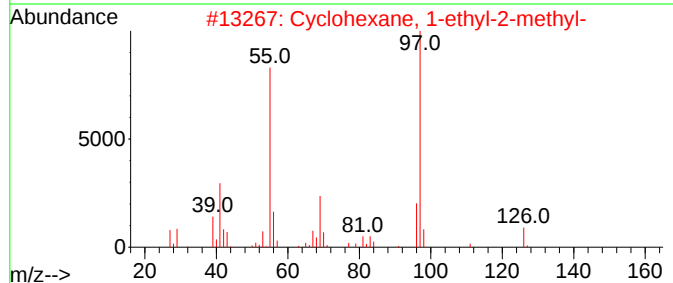
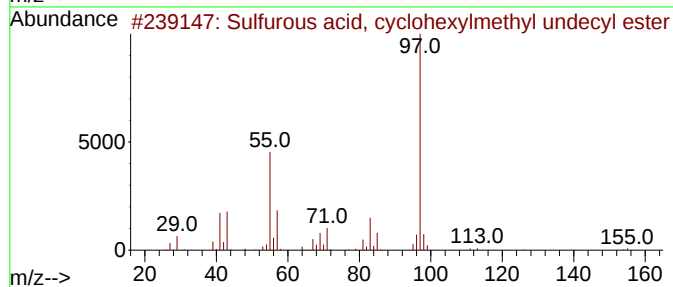
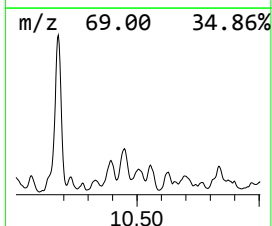
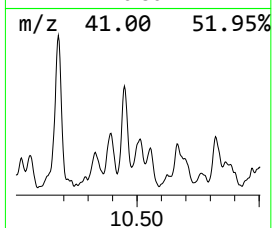
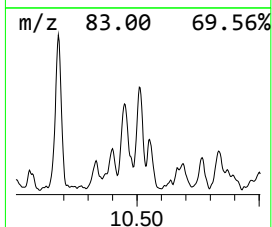
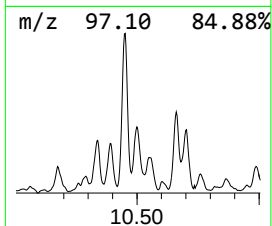
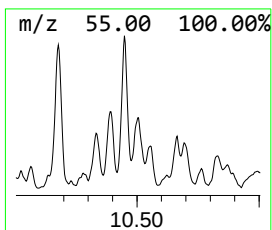
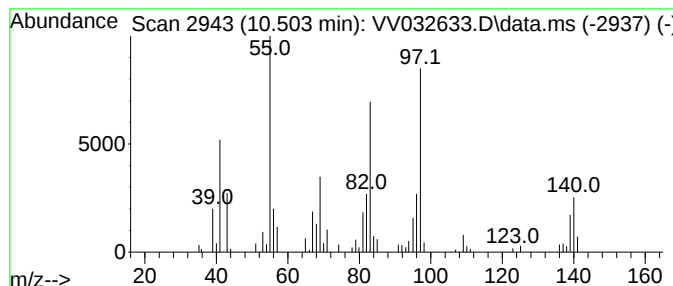
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Sulfurous acid, cyclohexylm... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.503	1.12 ug/L	83994	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	47
3			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	43
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
5			Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

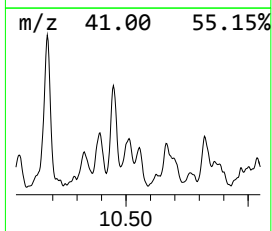
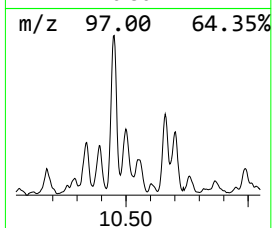
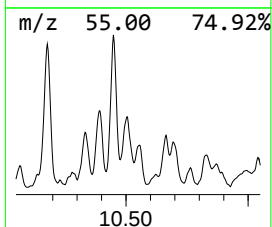
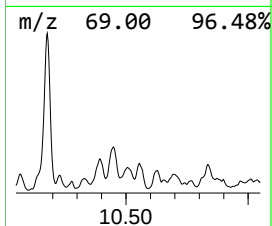
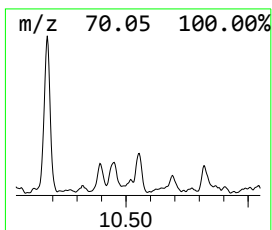
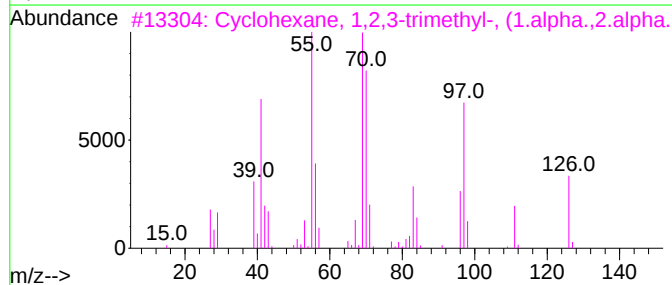
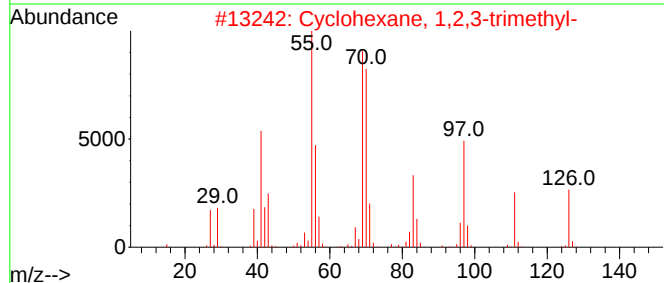
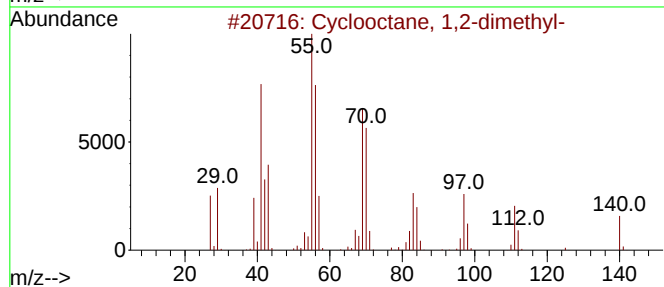
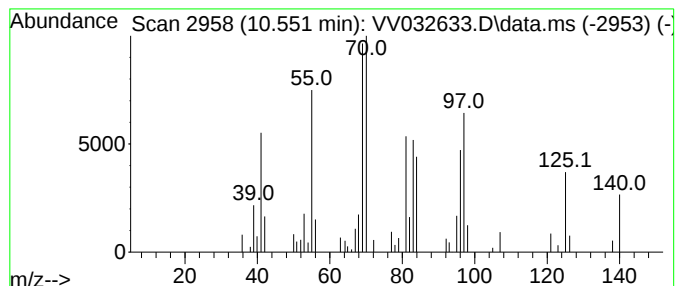
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Cyclic10.551 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	0.84 ug/L	63151	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	72
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	62
3			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	50
4			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	35
5			Bicyclo[2.2.2]octan-1-ol, 2-methyl-	140	C9H16O	1010258-29-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

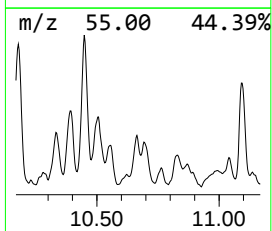
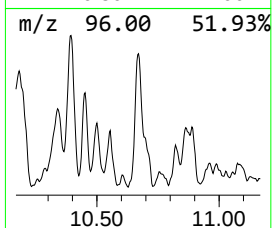
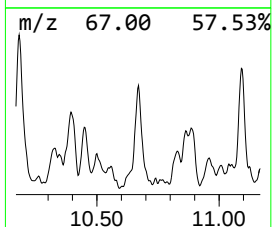
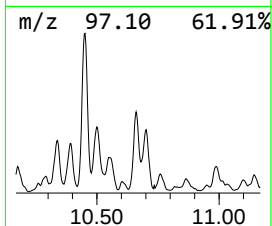
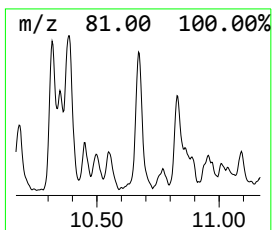
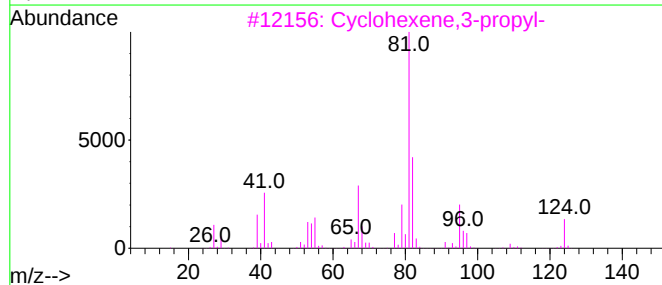
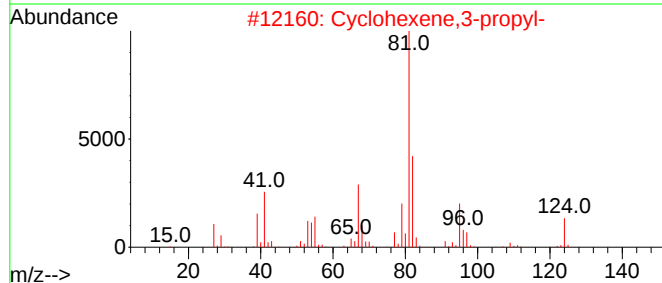
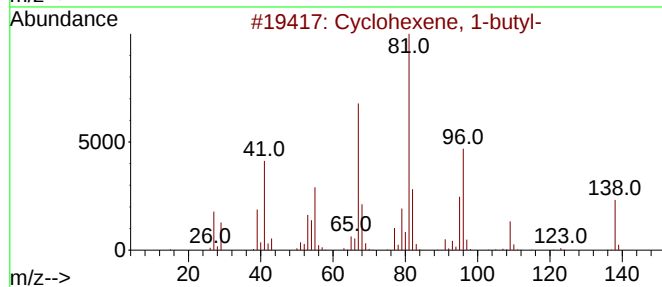
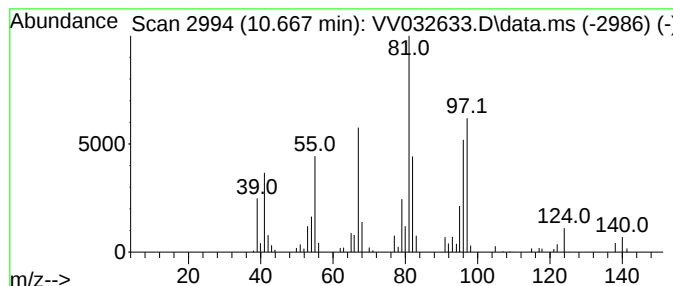
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Cyclohexene, 1-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	1.65 ug/L	123392	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	62
2			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52
3			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52
4			Bicyclo[6.1.0]nonane	124	C9H16	000286-60-2	49
5			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

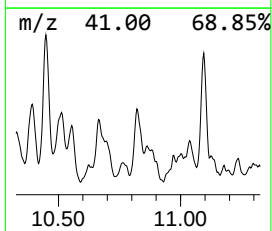
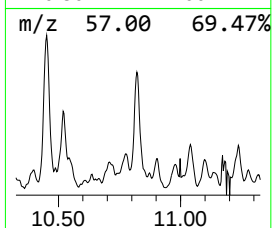
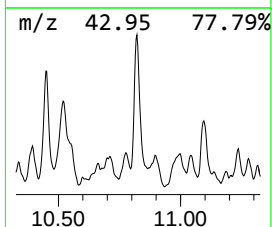
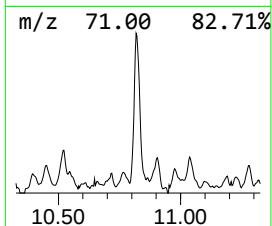
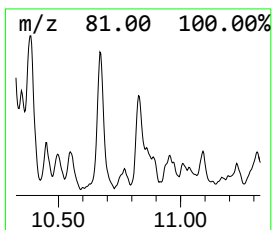
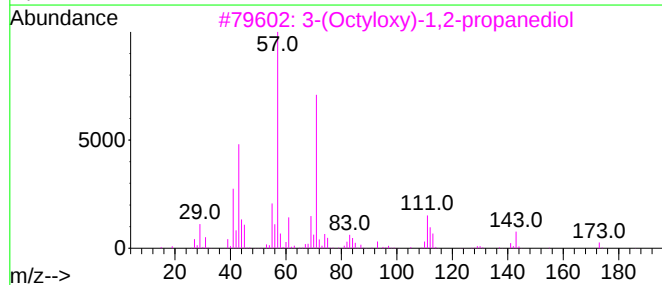
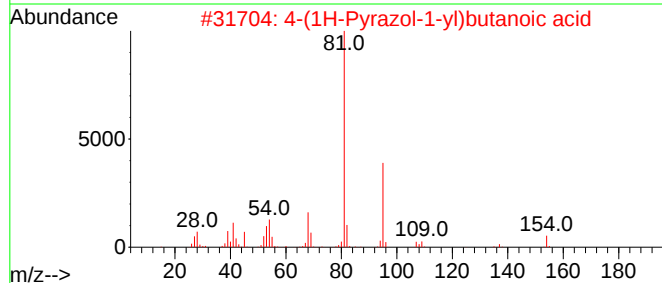
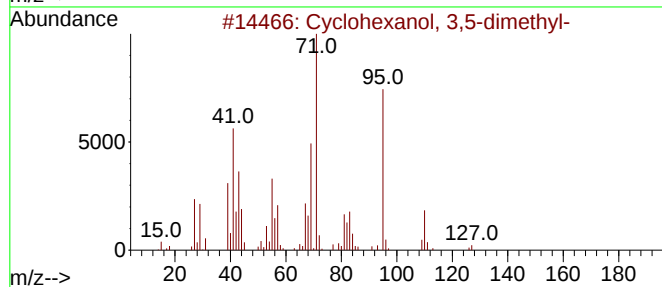
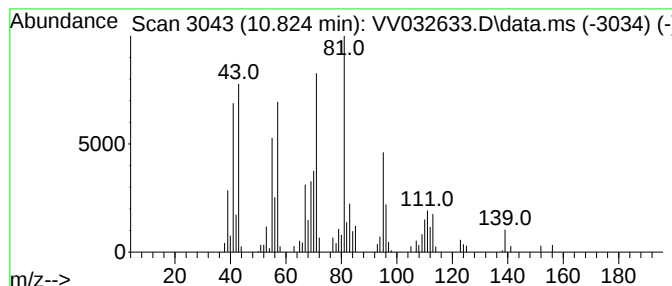
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.825	1.17 ug/L	87643	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38
2			4-(1H-Pyrazol-1-yl)butanoic acid	154	C7H10N2O2	1010468-88-1	27
3			3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	27
4			Decane, 4-methyl-	156	C11H24	002847-72-5	25
5			2,5-Hexanedione, 3-acetyl-	156	C8H12O3	042781-07-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

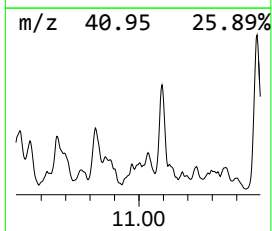
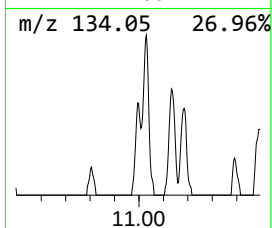
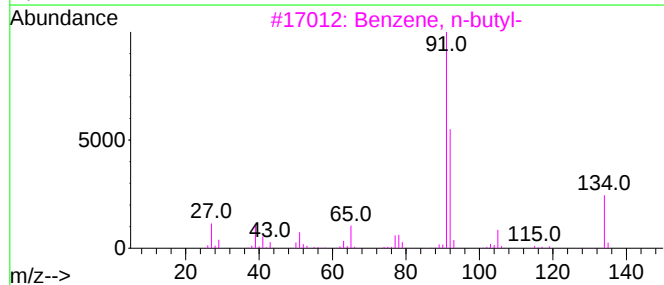
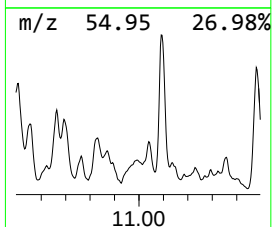
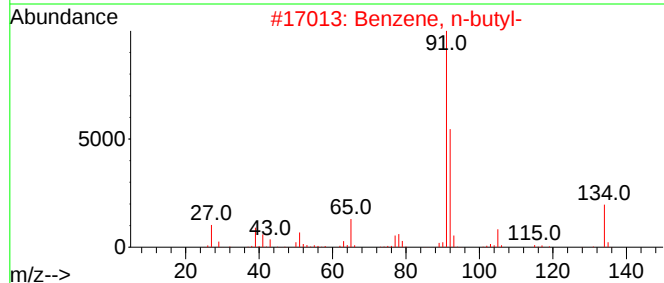
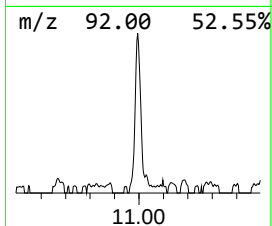
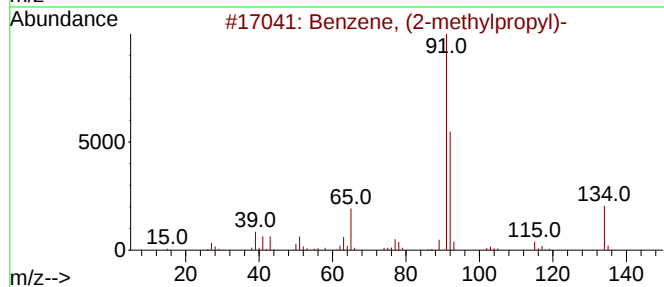
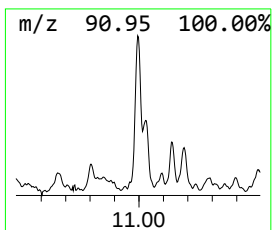
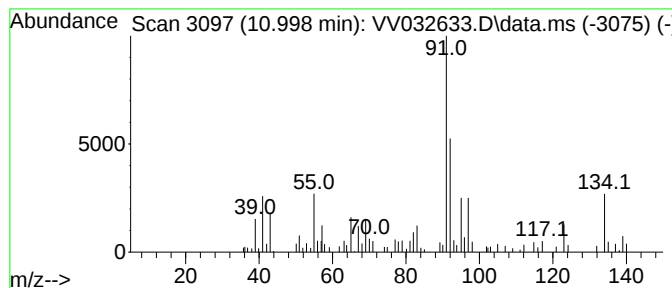
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Benzene, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	1.11 ug/L	82943	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
2			Benzene, n-butyl-	134	C10H14	000104-51-8	49
3			Benzene, n-butyl-	134	C10H14	000104-51-8	46
4			Benzene, n-butyl-	134	C10H14	000104-51-8	46
5			Benzene, n-butyl-	134	C10H14	000104-51-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

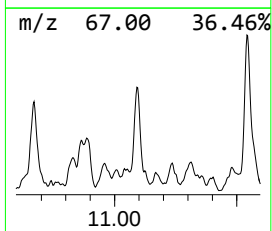
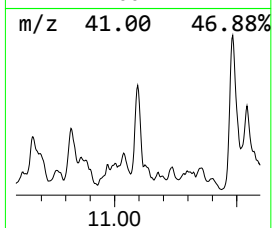
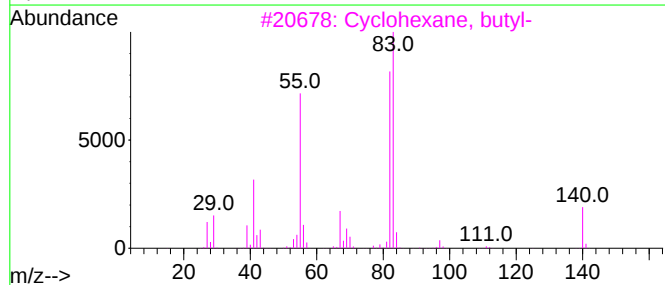
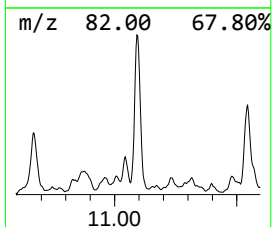
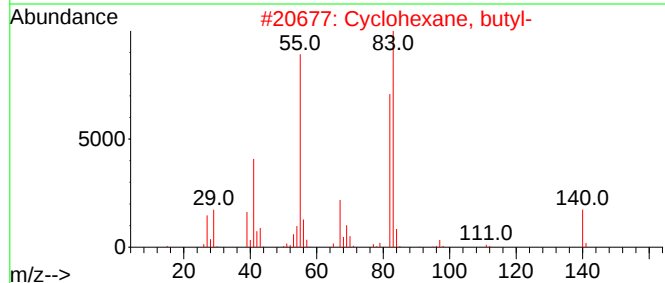
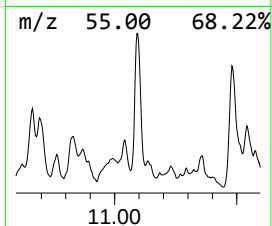
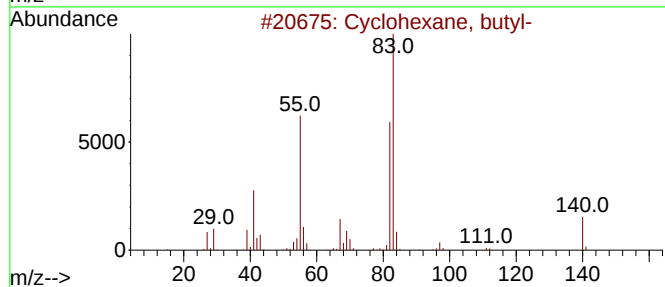
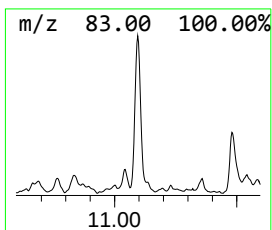
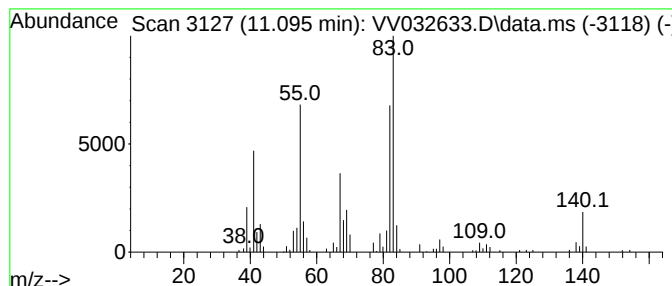
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.095 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.095	1.44 ug/L	107688	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

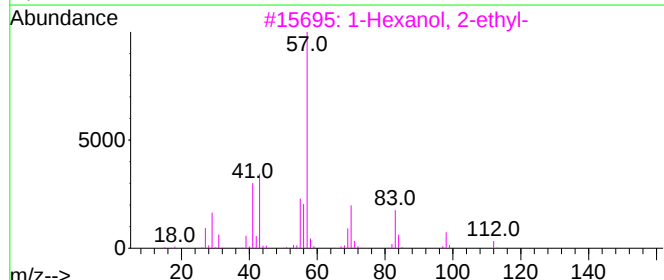
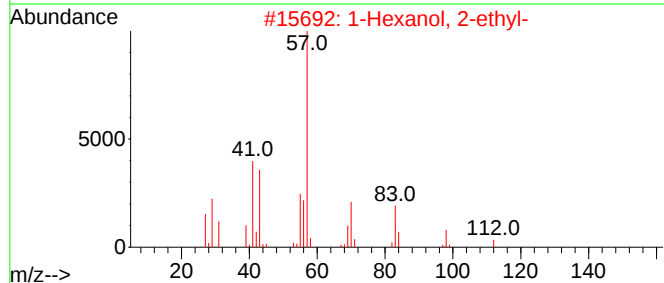
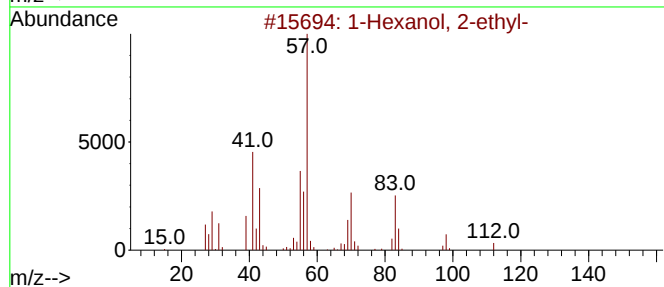
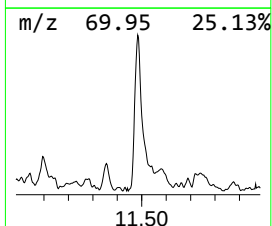
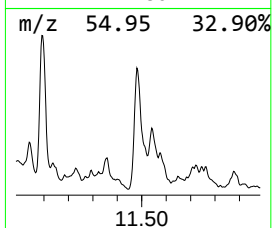
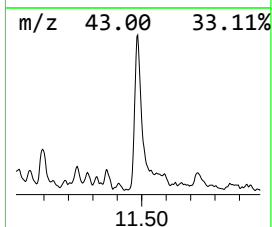
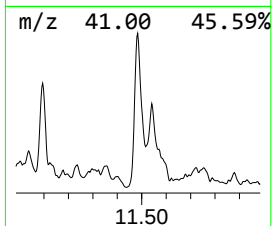
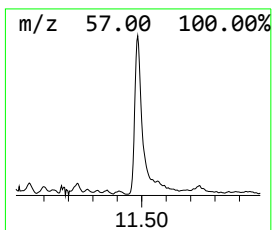
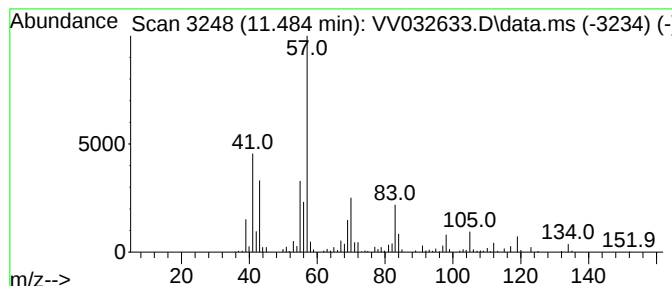
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	2.59 ug/L	194027	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

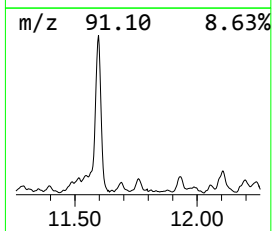
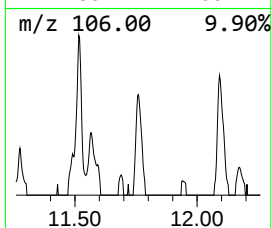
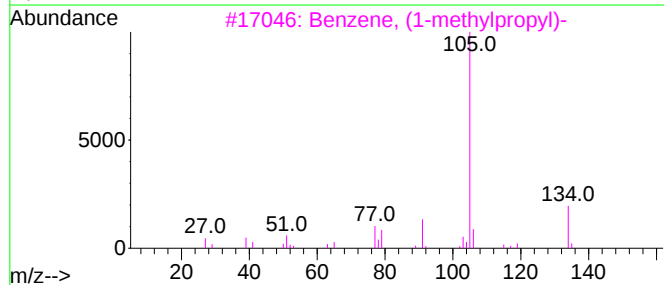
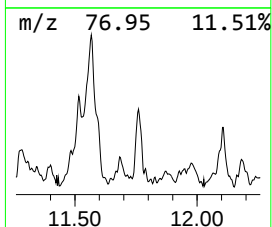
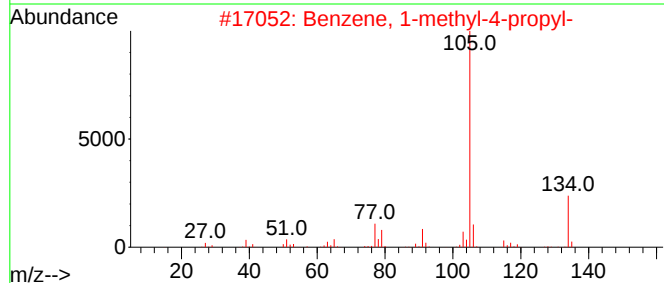
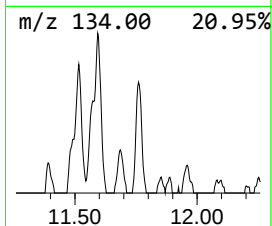
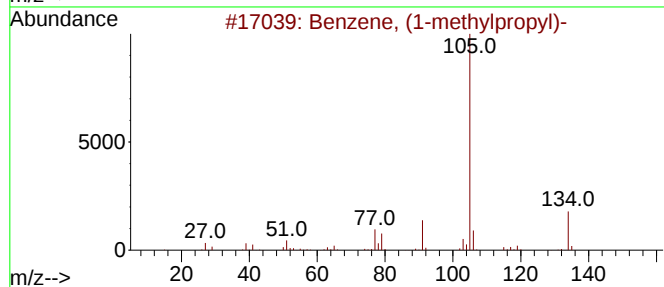
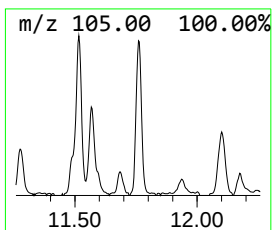
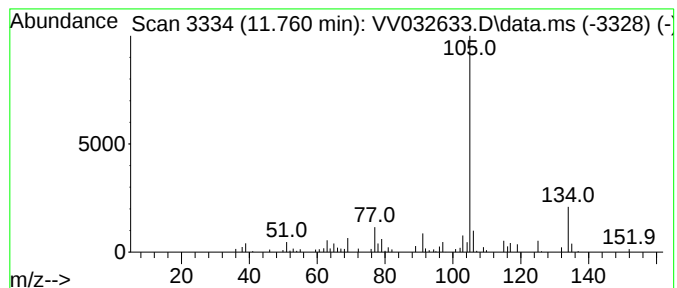
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	0.74 ug/L	55434	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	81
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK6

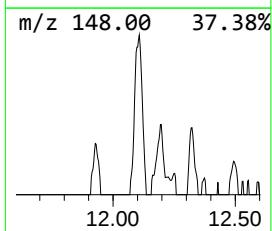
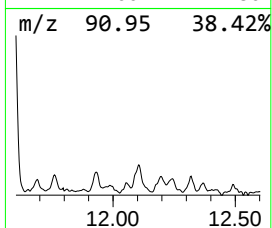
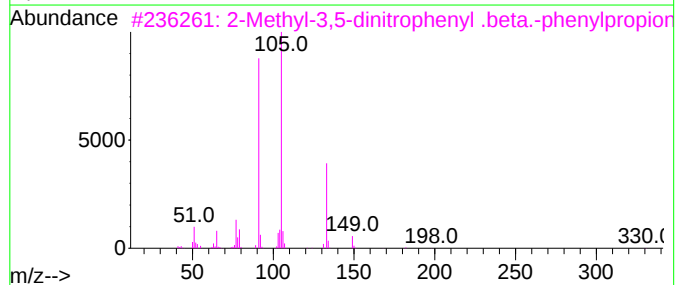
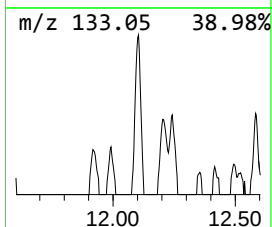
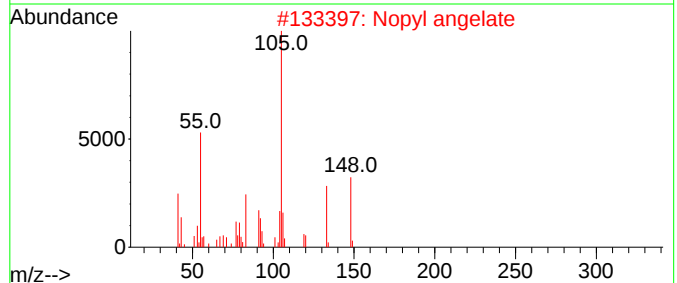
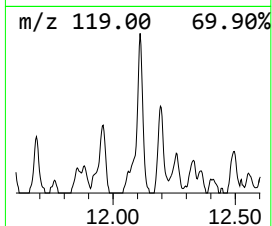
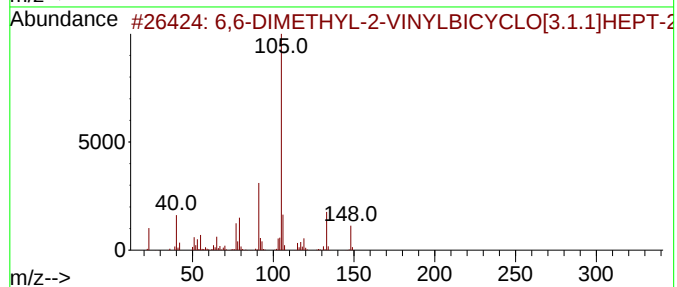
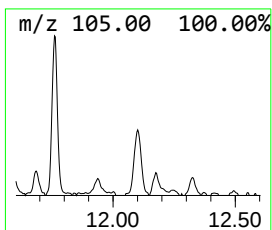
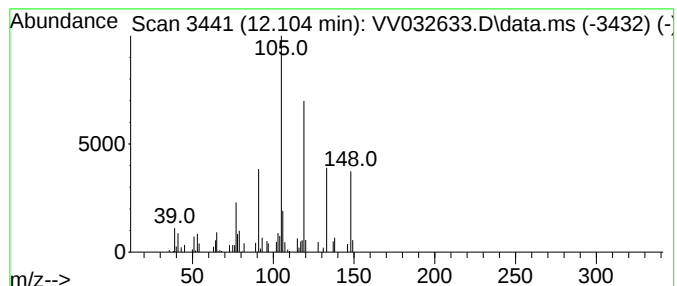
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	0.72 ug/L	53616	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-DIMETHYL-2-VINYLBICYCLO[3.1...	148	C11H16	000473-00-7	47		
2	Nopyl angelate	248	C16H24O2	1000383-60-6	47		
3	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	35		
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	35		
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	30		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
 Data File : VW032633.D
 Acq On : 25 Oct 2023 15:14
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 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: C...	8.284	0.9	ug/L	63771	2	8.786	346240	5.0
(DEL) Alkane: C...	8.525	0.8	ug/L	53289	2	8.786	346240	5.0
(DEL) Alkane: C...	9.043	0.6	ug/L	42661	2	8.786	346240	5.0
(DEL) Alkane: C...	9.091	1.1	ug/L	77413	2	8.786	346240	5.0
(DEL) Alkane: C...	9.133	1.0	ug/L	66140	2	8.786	346240	5.0
Cyclohexene, 3-...	9.252	0.5	ug/L	35306	2	8.786	346240	5.0
(DEL) Alkane: C...	9.413	1.9	ug/L	134641	2	8.786	346240	5.0
(DEL) Alkane: C...	9.734	3.3	ug/L	231491	2	8.786	346240	5.0
Cyclodecene, (Z)-	10.062	0.8	ug/L	57095	3	11.188	374096	5.0
Benzene, 1-ethy...	10.390	1.5	ug/L	111207	3	11.188	374096	5.0
(DEL) Alkane: C...	10.448	1.8	ug/L	137468	3	11.188	374096	5.0
Sulfurous acid,...	10.503	1.1	ug/L	83994	3	11.188	374096	5.0
(DEL) Alkane: C...	10.551	0.8	ug/L	63151	3	11.188	374096	5.0
Cyclohexene, 1-...	10.667	1.6	ug/L	123392	3	11.188	374096	5.0
unknown-01	10.825	1.2	ug/L	87643	3	11.188	374096	5.0
Benzene, (2-met...	10.998	1.1	ug/L	82943	3	11.188	374096	5.0
(DEL) Alkane: C...	11.095	1.4	ug/L	107688	3	11.188	374096	5.0
1-Hexanol, 2-et...	11.484	2.6	ug/L	194027	3	11.188	374096	5.0
Benzene, (1-met...	11.760	0.7	ug/L	55434	3	11.188	374096	5.0
unknown-02	12.104	0.7	ug/L	53616	3	11.188	374096	5.0