

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
 Data File : VV030182.D
 Acq On : 13 Mar 2023 17:28
 Operator : SY/MD
 Sample : 01884-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB908

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\SFAMVTR022323WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV030182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	64	73	85	rVB2	139773	218613	4.65%	0.558%
2	1.384	100	107	118	rVB	173472	202070	4.30%	0.516%
3	1.536	146	154	167	rVB	75792	91902	1.95%	0.235%
4	2.063	306	318	331	rBV	155488	226777	4.82%	0.579%
5	2.719	507	522	540	rBV	30380	70480	1.50%	0.180%
6	3.870	857	880	912	rBV4	23633	147012	3.13%	0.375%
7	4.262	984	1002	1031	rBV	85641	228516	4.86%	0.583%
8	4.969	1205	1222	1256	rBV2	191808	501287	10.66%	1.280%
9	5.545	1387	1401	1432	rBV	161292	334910	7.12%	0.855%
10	5.998	1528	1542	1556	rBV	109756	231393	4.92%	0.591%
11	6.921	1816	1829	1845	rBV	49304	92592	1.97%	0.236%
12	7.252	1921	1932	1948	rVB	232156	399400	8.49%	1.020%
13	7.564	2019	2029	2034	rBV	29492	50836	1.08%	0.130%
14	8.040	2165	2177	2206	rBV	153012	340857	7.25%	0.870%
15	8.175	2206	2219	2227	rVV10	20784	52190	1.11%	0.133%
16	8.230	2228	2236	2246	rVB2	51353	88338	1.88%	0.225%
17	8.291	2246	2255	2264	rBV2	38069	61030	1.30%	0.156%
18	8.535	2320	2331	2346	rBV2	26951	48192	1.02%	0.123%
19	8.821	2400	2420	2447	rBV	2573646	4703473	100.00%	12.006%
20	8.934	2447	2455	2470	rVB8	29379	74782	1.59%	0.191%
21	9.053	2482	2492	2494	rBV3	51843	73303	1.56%	0.187%
22	9.098	2501	2506	2513	rVB	98609	134067	2.85%	0.342%
23	9.137	2513	2518	2545	rVB2	69043	148883	3.17%	0.380%
24	9.259	2546	2556	2572	rVB2	60722	105640	2.25%	0.270%
25	9.423	2578	2607	2623	rBV4	195343	606563	12.90%	1.548%
26	9.497	2623	2630	2646	rVV3	74916	139156	2.96%	0.355%
27	9.619	2649	2668	2669	rVV5	90415	149938	3.19%	0.383%
28	9.648	2670	2677	2688	rVB	221944	369891	7.86%	0.944%
29	9.744	2693	2707	2722	rBV8	151642	346062	7.36%	0.883%
30	9.876	2736	2748	2758	rBV	682831	1096743	23.32%	2.800%
31	10.069	2797	2808	2817	rBV3	148375	251172	5.34%	0.641%
32	10.185	2827	2844	2856	rVB4	176516	441866	9.39%	1.128%
33	10.297	2869	2879	2888	rBV	483564	753084	16.01%	1.922%
34	10.394	2902	2909	2921	rVB6	91812	179138	3.81%	0.457%
35	10.484	2922	2937	2953	rVV2	130135	352597	7.50%	0.900%
36	10.561	2954	2961	2972	rVB6	48756	92021	1.96%	0.235%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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 Title : TRACE VOA SFAM1.0

37	10.677	2979	2997	3015	rBV5	147820	326346	6.94%	0.833%
38	10.812	3028	3039	3048	rBV	963523	1467324	31.20%	3.745%
39	10.860	3049	3054	3075	rVB	137803	272663	5.80%	0.696%
40	11.001	3077	3098	3103	rBV	630874	1053418	22.40%	2.689%
41	11.034	3103	3108	3121	rVB	779738	1122560	23.87%	2.865%
42	11.130	3131	3138	3148	rVB2	76173	124017	2.64%	0.317%
43	11.194	3148	3158	3180	rBV2	379232	972147	20.67%	2.481%
44	11.400	3213	3222	3233	rVB	388977	582359	12.38%	1.487%
45	11.477	3233	3246	3248	rBV	1515989	2115644	44.98%	5.400%
46	11.571	3262	3275	3296	rVB6	396002	1086981	23.11%	2.775%
47	11.693	3302	3313	3327	rBV	650034	994236	21.14%	2.538%
48	11.963	3380	3397	3417	rBV2	2132823	4006507	85.18%	10.227%
49	12.062	3417	3428	3436	rBV	922435	1477252	31.41%	3.771%
50	12.107	3438	3442	3450	rVB	241745	319710	6.80%	0.816%
51	12.185	3459	3466	3470	rBV3	53727	78546	1.67%	0.200%
52	12.246	3476	3485	3497	rVB	325449	535161	11.38%	1.366%
53	12.333	3499	3512	3513	rVV2	224098	272441	5.79%	0.695%
54	12.361	3513	3521	3531	rVV	1349885	2041602	43.41%	5.211%
55	12.416	3531	3538	3552	rVV4	134410	292062	6.21%	0.746%
56	12.497	3554	3563	3574	rVB	248416	356902	7.59%	0.911%
57	12.593	3583	3593	3599	rBV	217947	334274	7.11%	0.853%
58	12.641	3599	3608	3614	rBV4	164927	308126	6.55%	0.787%
59	12.828	3653	3666	3676	rVV2	1855062	2839664	60.37%	7.248%
60	12.876	3676	3681	3686	rVV	41783	51013	1.08%	0.130%
61	12.950	3696	3704	3712	rBV	150214	212941	4.53%	0.544%
62	13.008	3713	3722	3738	rVB3	61837	155385	3.30%	0.397%
63	13.117	3746	3756	3762	rBV3	63804	112724	2.40%	0.288%
64	13.162	3763	3770	3778	rVV	112908	187991	4.00%	0.480%
65	13.220	3778	3788	3795	rVV	306518	477248	10.15%	1.218%
66	13.281	3795	3807	3812	rVV4	150815	329980	7.02%	0.842%
67	13.316	3813	3818	3824	rVV	171736	252346	5.37%	0.644%
68	13.349	3824	3828	3843	rVB	82284	121349	2.58%	0.310%
69	13.435	3844	3855	3865	rBV4	54684	103645	2.20%	0.265%
70	13.493	3866	3873	3885	rVB2	58084	89328	1.90%	0.228%
71	13.558	3885	3893	3904	rVB2	54980	82166	1.75%	0.210%
72	13.657	3917	3924	3936	rVV4	36407	80280	1.71%	0.205%
73	13.860	3973	3987	4001	rBV5	26444	64282	1.37%	0.164%
74	14.050	4034	4046	4057	rBV5	48114	108883	2.31%	0.278%
75	14.242	4097	4106	4120	rVB4	27494	49893	1.06%	0.127%
76	14.377	4138	4148	4163	rBV4	30296	58997	1.25%	0.151%

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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

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Peak separation: 5

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Title : TRACE VOA SFAM1.0

77	15.760	4562	4578	4587	rBV	61171	98159	2.09%	0.251%
78	16.262	4724	4734	4745	rBV2	59478	89982	1.91%	0.230%
79	16.432	4778	4787	4797	rVB	42995	64684	1.38%	0.165%

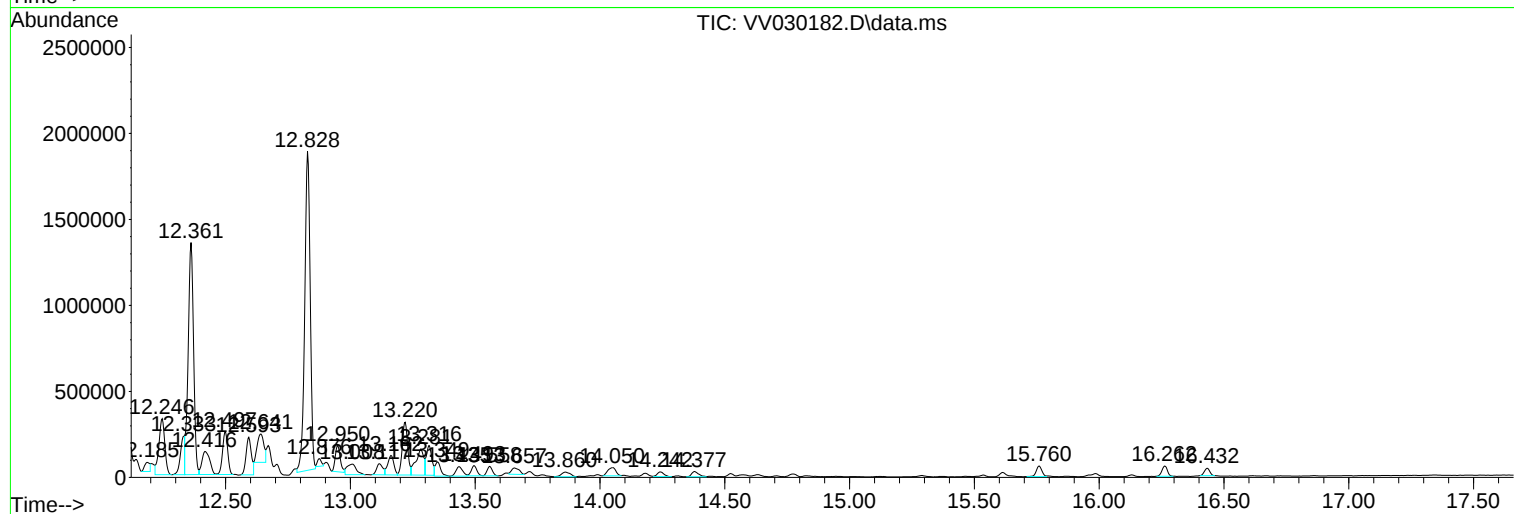
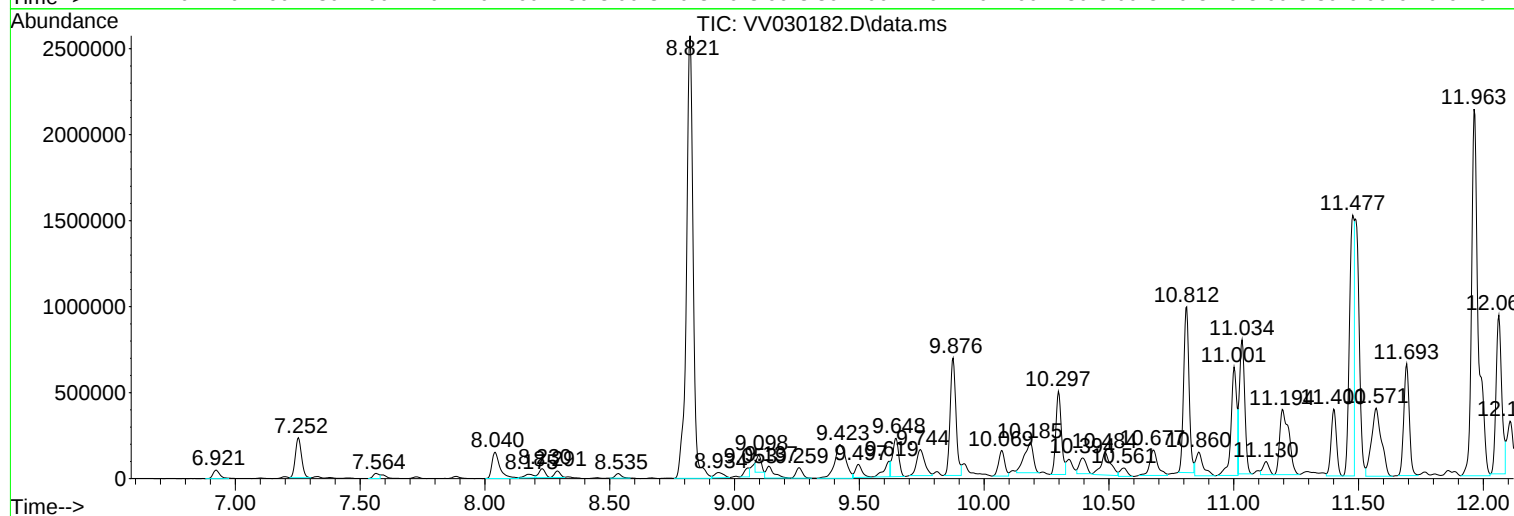
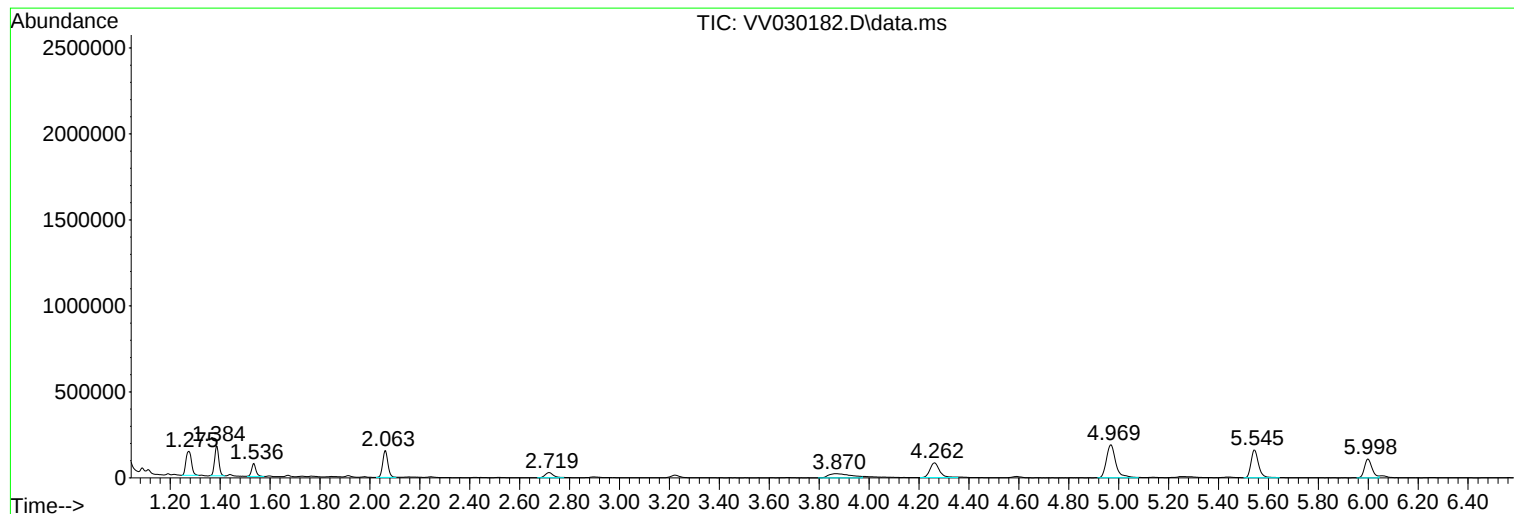
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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MSVOA_V
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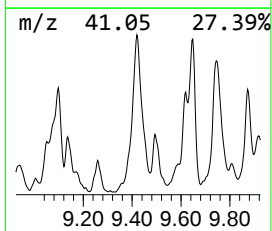
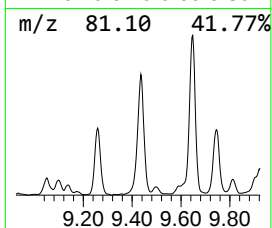
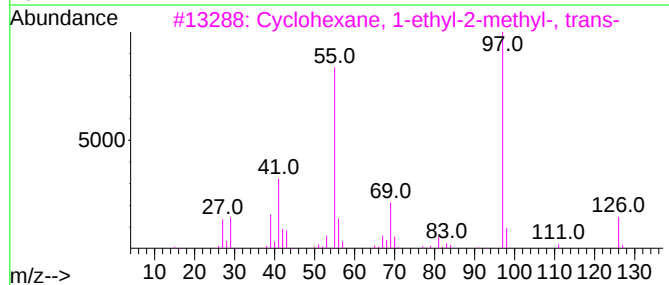
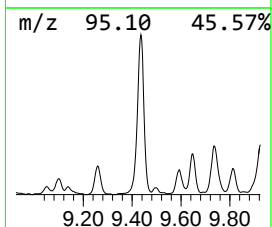
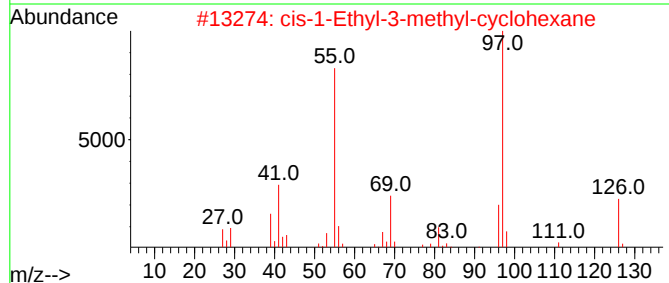
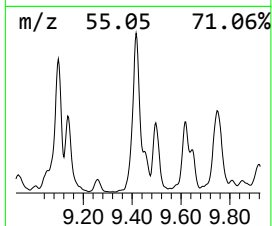
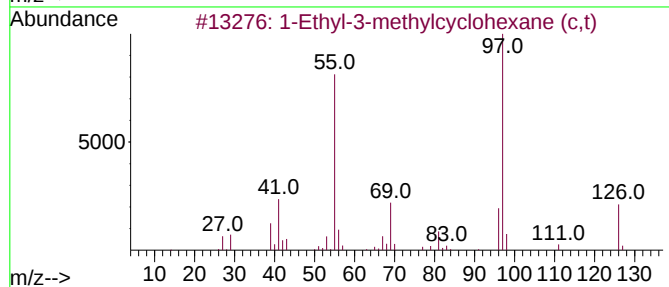
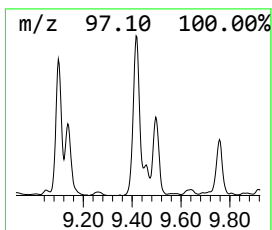
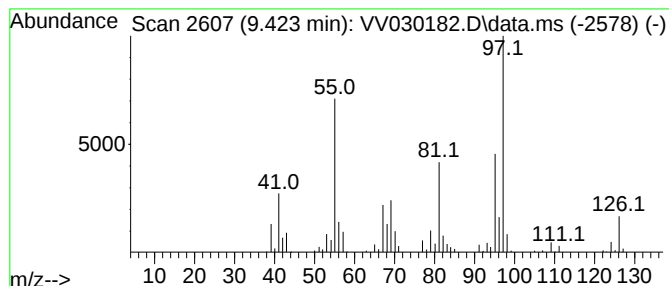
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic9.423 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.423	0.64 ug/L	606563	Chlorobenzene-d5	8.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	60
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	60
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	55
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47



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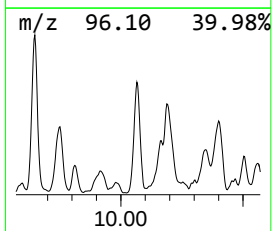
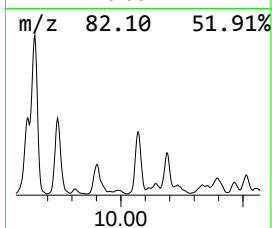
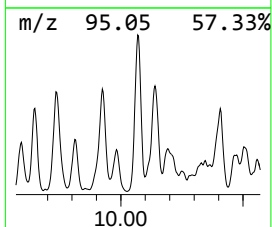
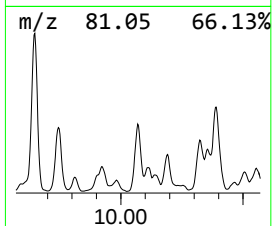
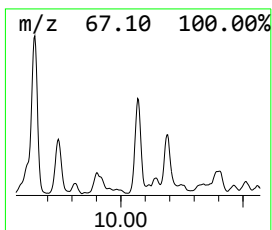
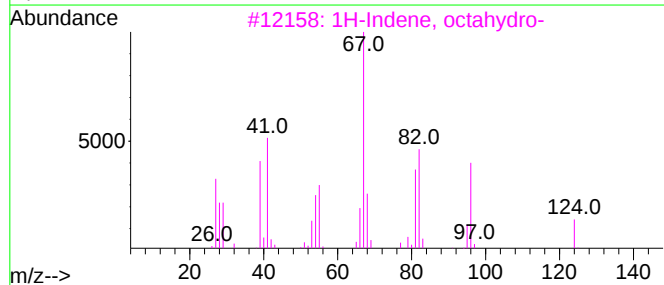
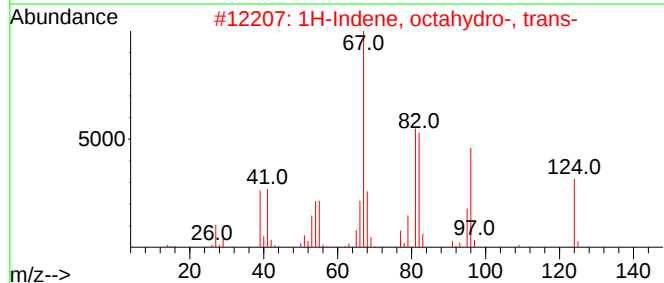
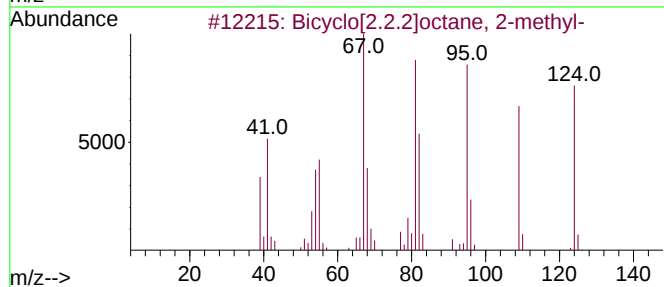
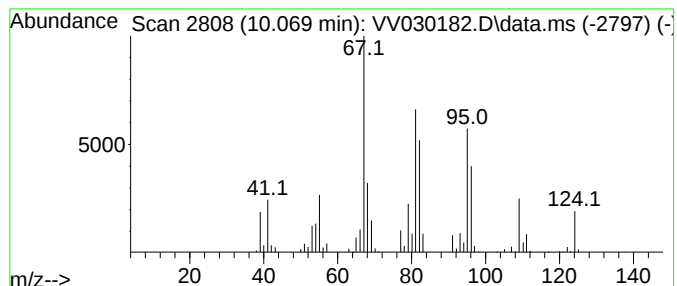
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	1.29 ug/L	251172	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	64
2			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	64
3			1H-Indene, octahydro-	124	C9H16	000496-10-6	58
4			Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	52
5			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	52



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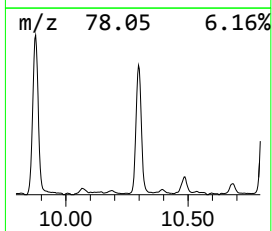
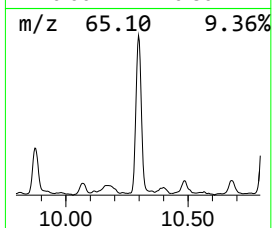
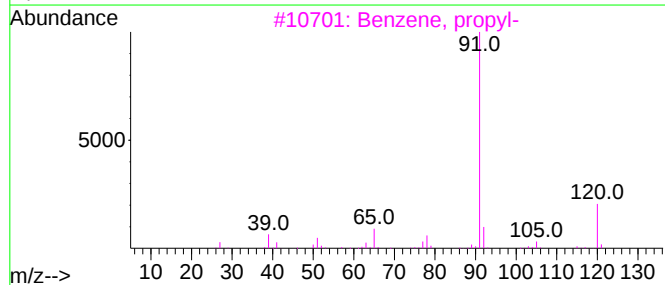
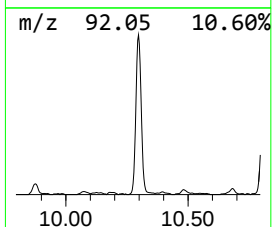
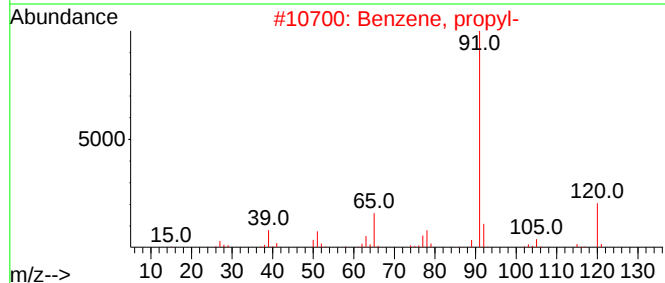
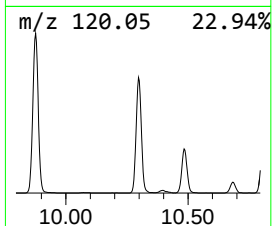
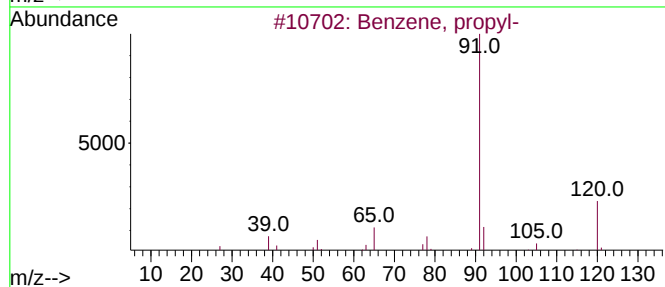
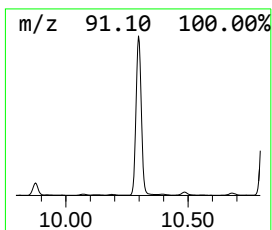
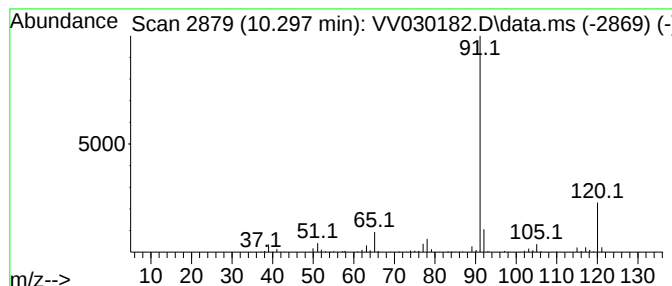
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.297	3.87 ug/L	753084	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	87
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83



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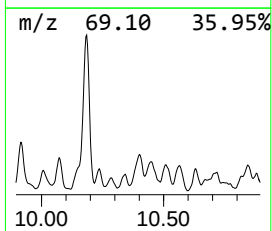
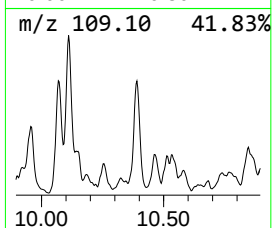
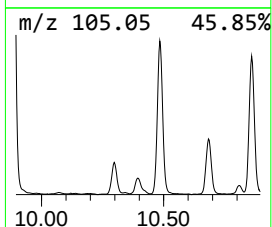
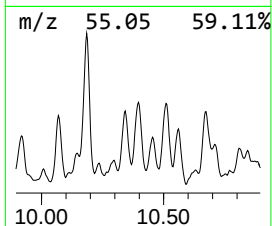
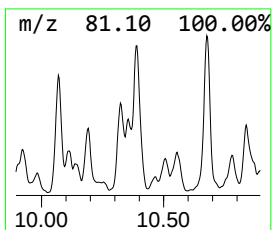
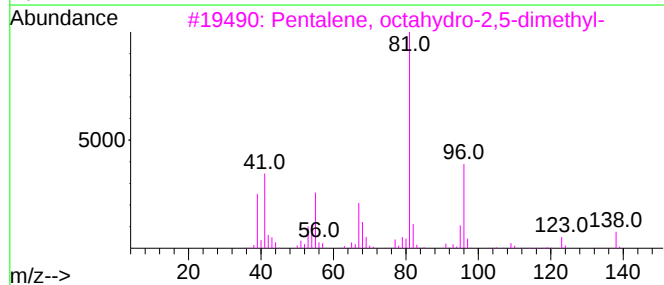
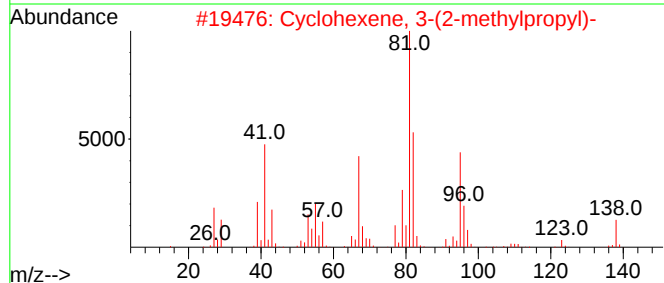
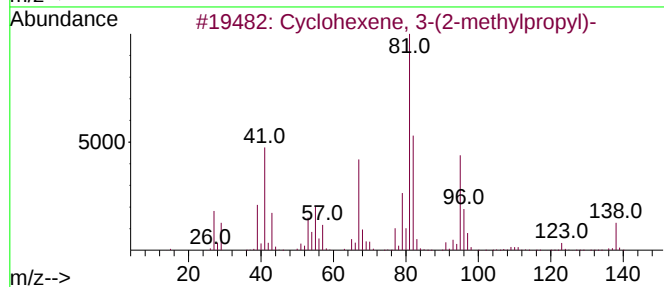
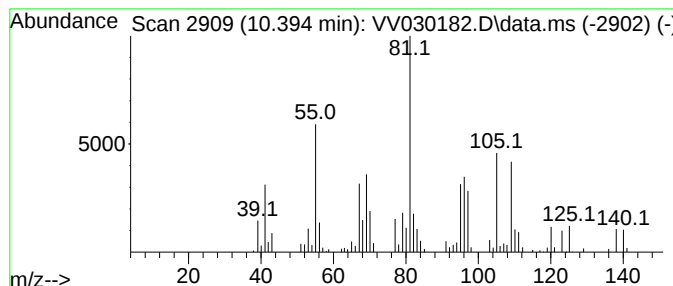
Instrument :
MSVOA_V
ClientSampleId :
CB908

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.394	0.92 ug/L	179138	1,4-Dichlorobenzene-d4	11.194	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	49
2	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	49
3	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	47
4	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	46
5	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

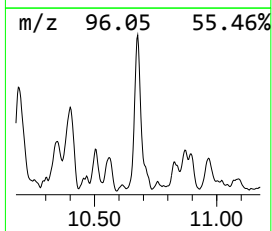
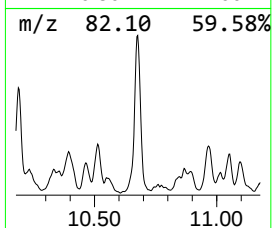
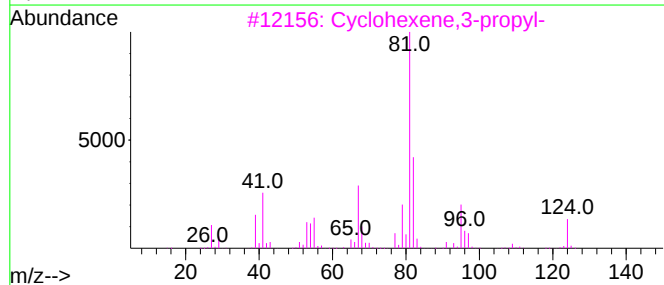
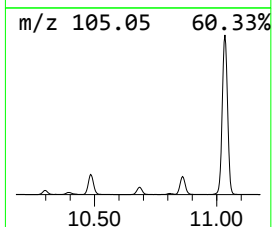
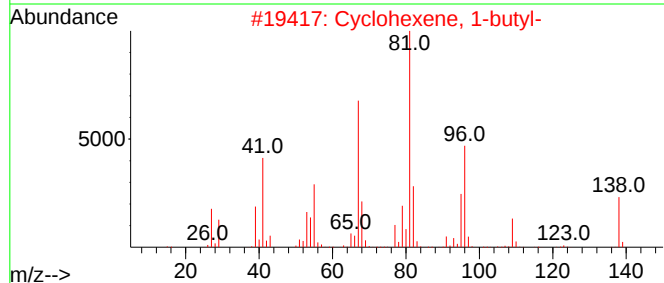
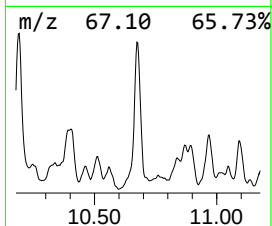
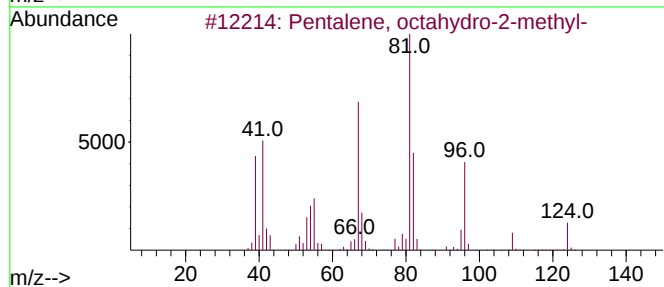
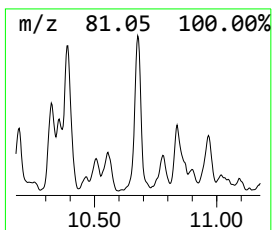
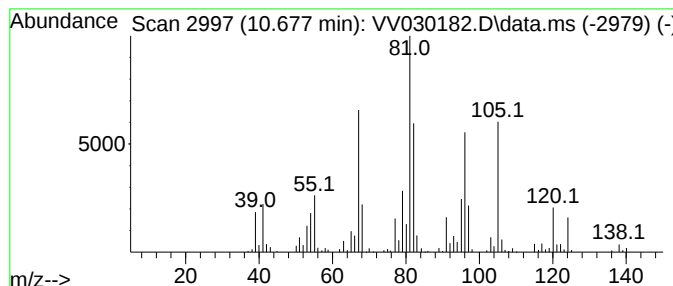
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Pentalene, octahydro-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	1.68 ug/L	326346	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	76
2			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	76
3			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	62
4			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	58
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

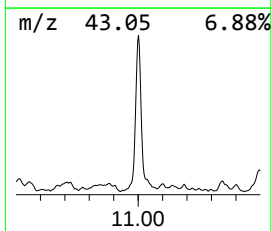
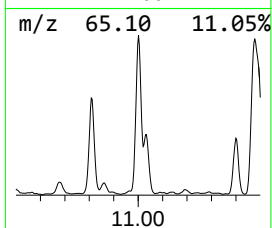
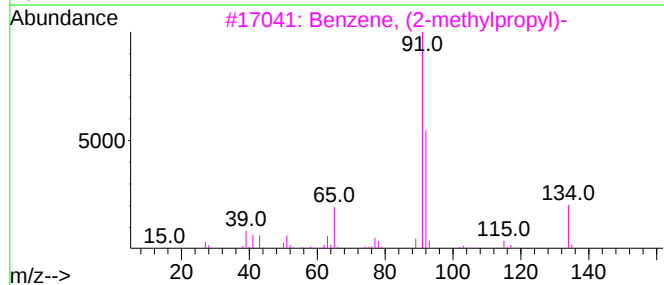
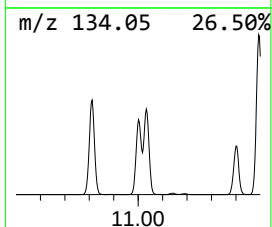
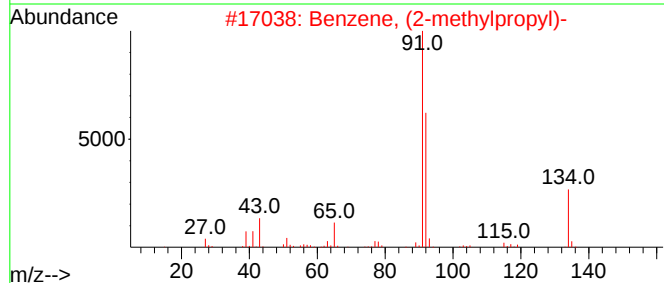
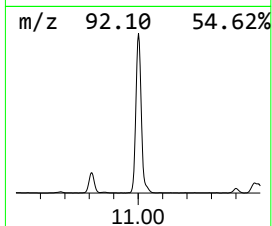
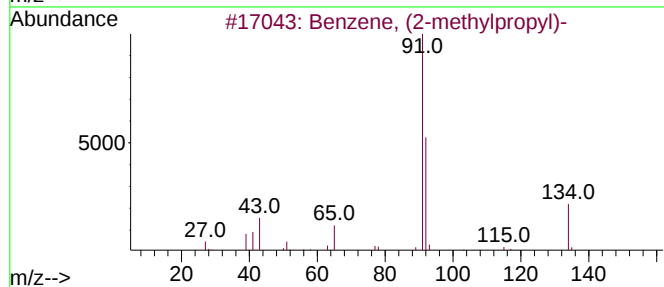
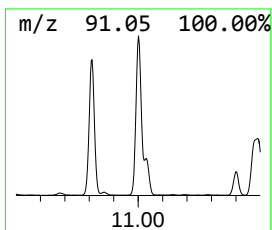
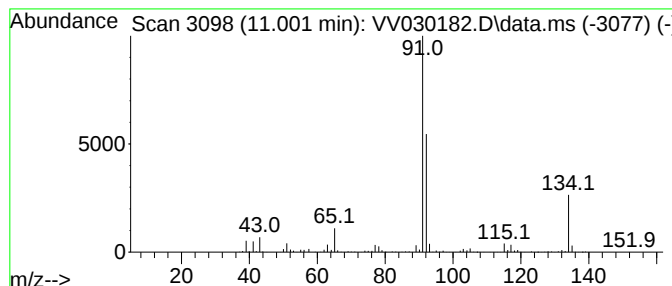
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.001	5.42 ug/L	1053420	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
4			Benzene, n-butyl-	134	C10H14	000104-51-8	80
5			Benzene, n-butyl-	134	C10H14	000104-51-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

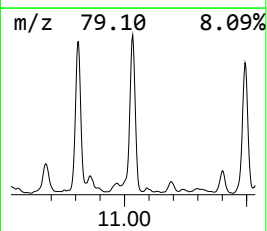
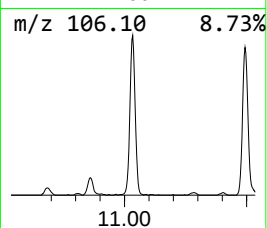
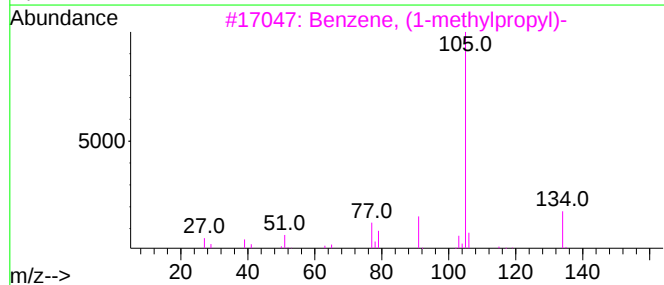
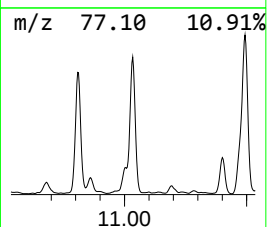
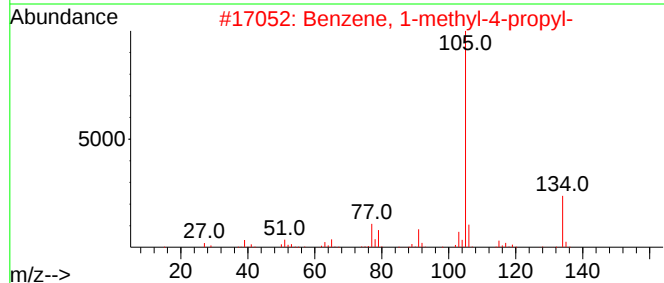
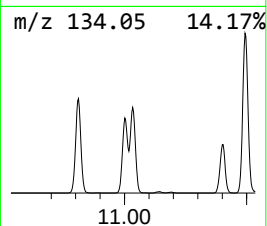
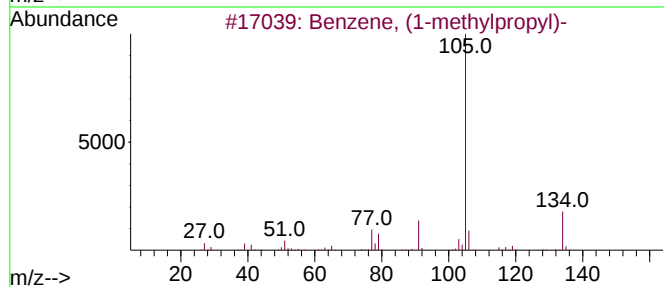
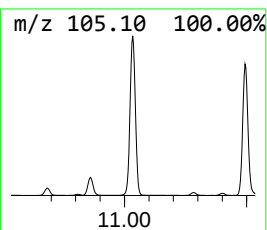
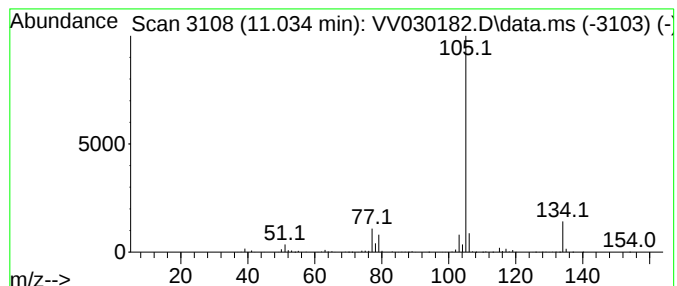
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, (1-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.034	5.77 ug/L	1122560	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

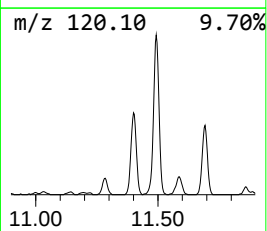
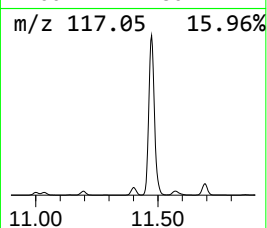
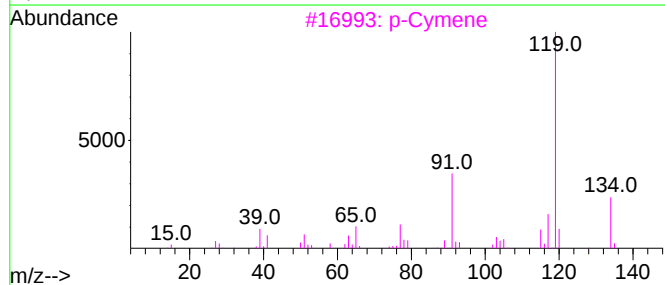
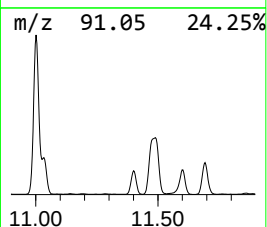
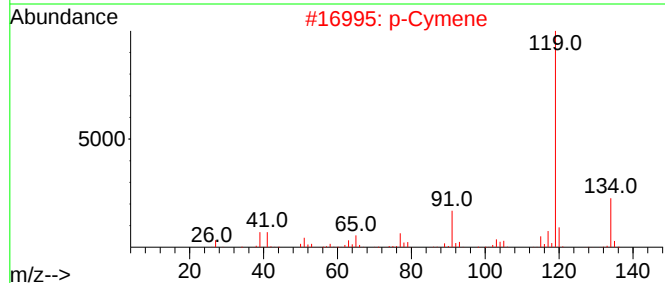
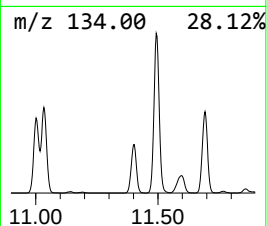
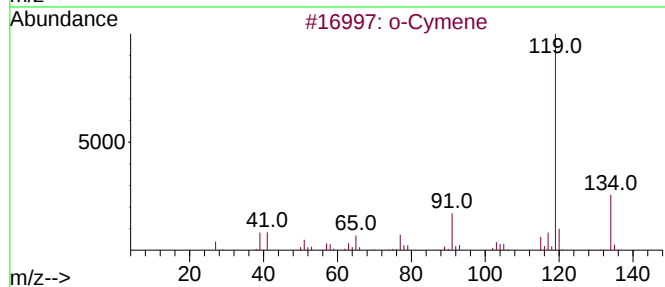
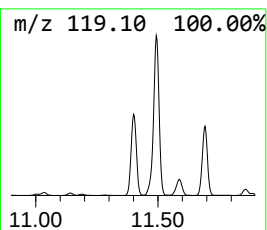
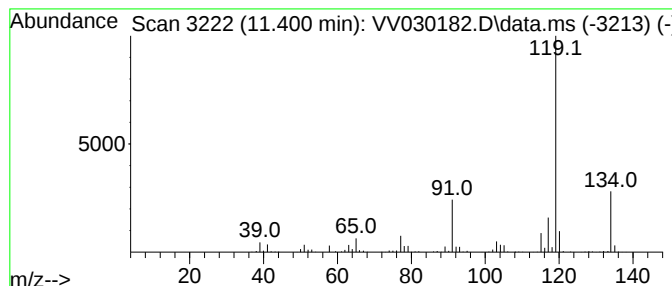
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	3.00 ug/L	582359	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

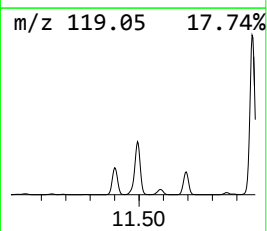
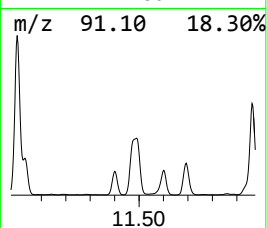
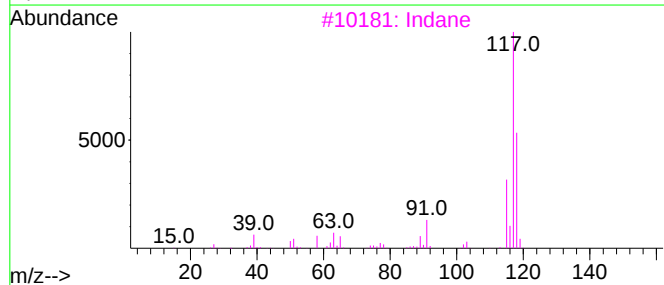
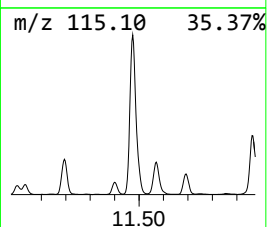
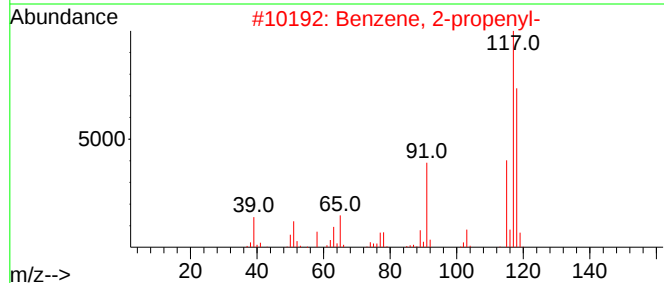
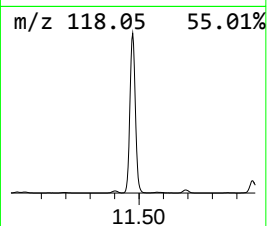
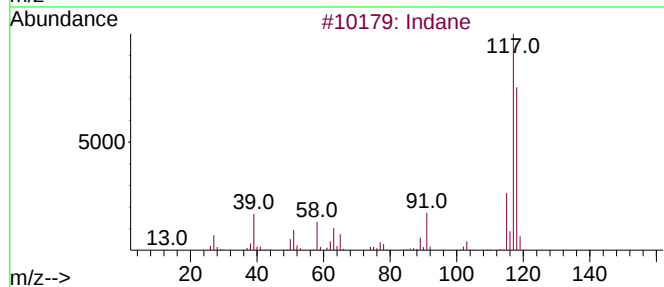
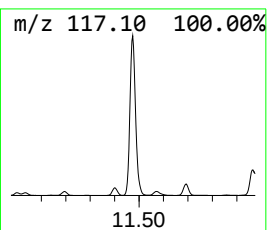
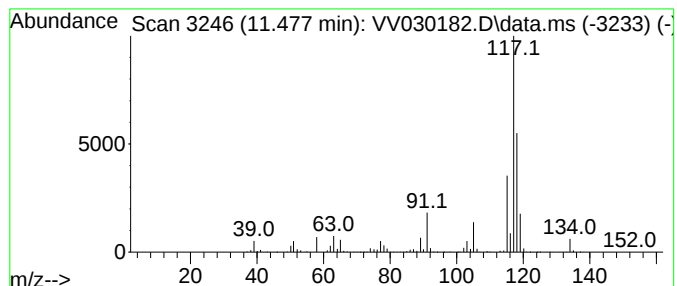
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.477	10.88 ug/L	2115640	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3			Indane	118	C9H10	000496-11-7	76
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

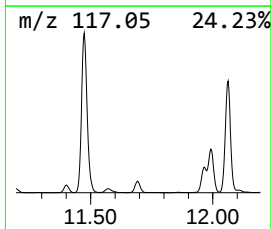
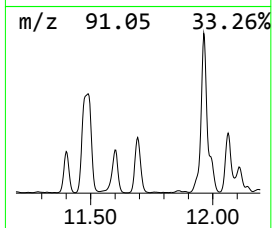
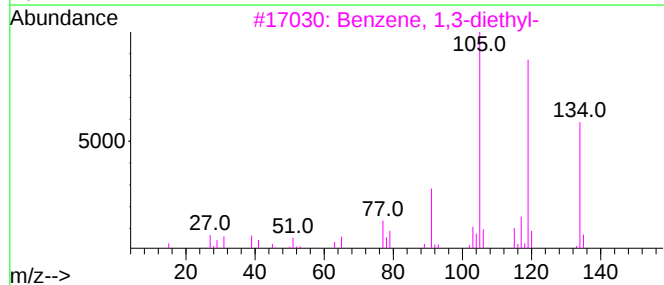
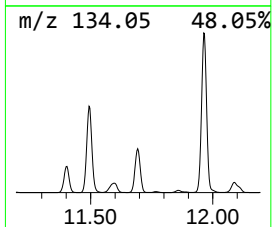
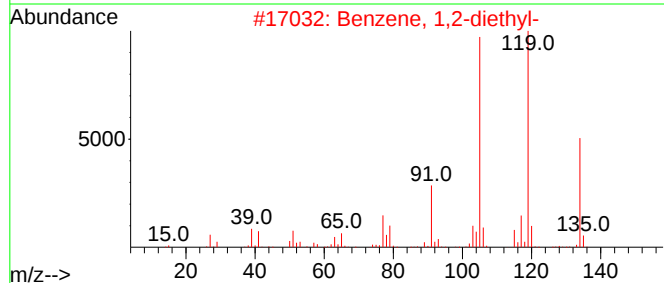
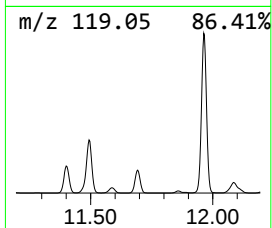
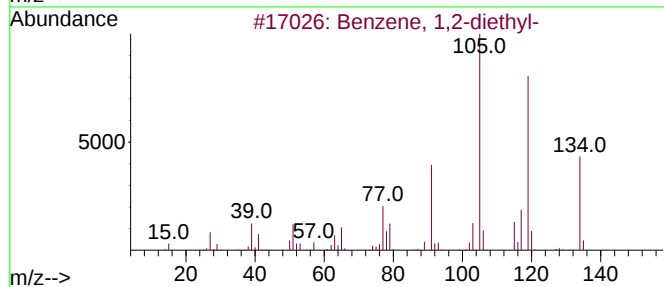
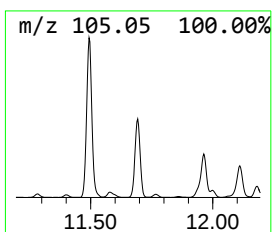
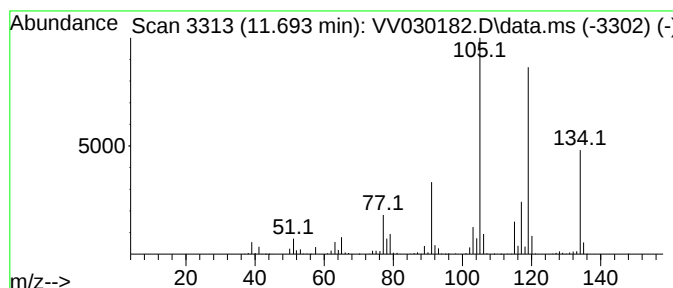
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	5.11 ug/L	994236	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

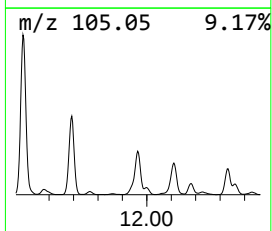
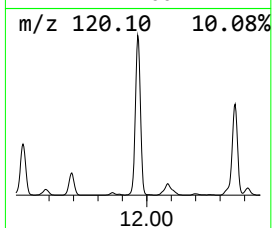
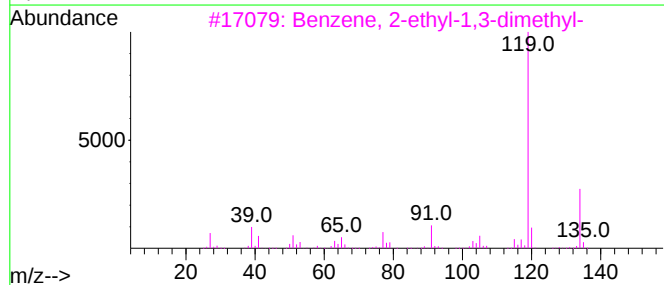
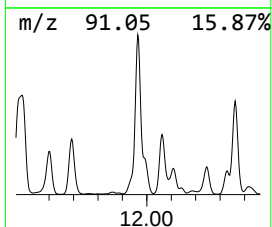
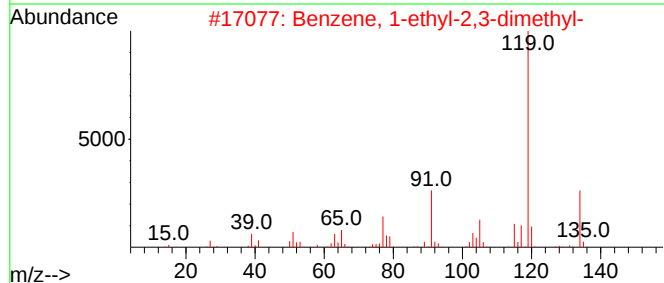
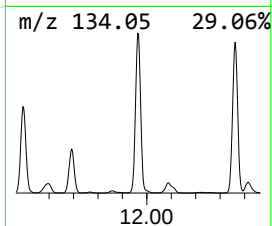
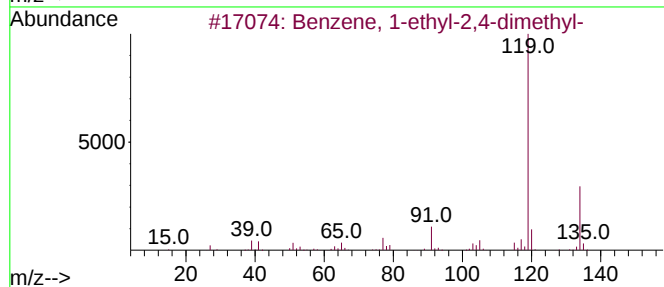
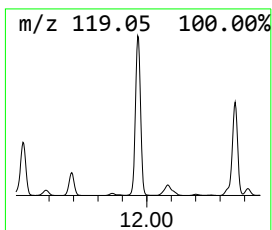
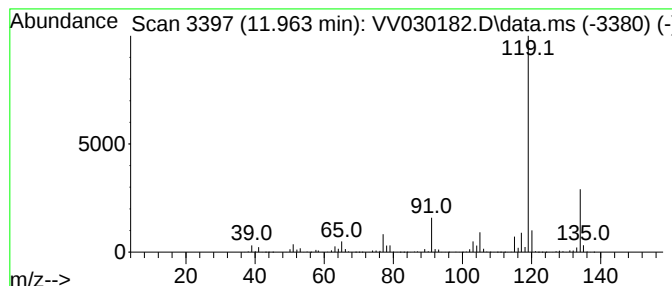
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	20.61 ug/L	4006510	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

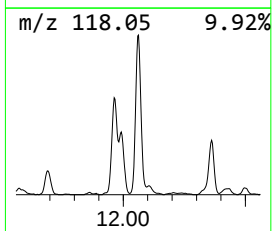
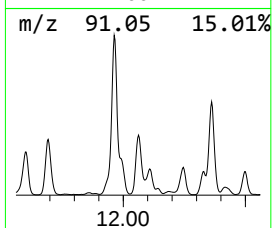
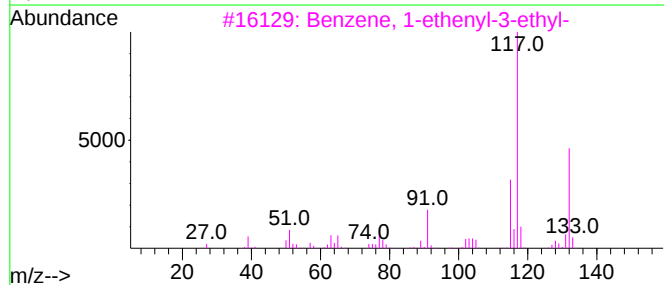
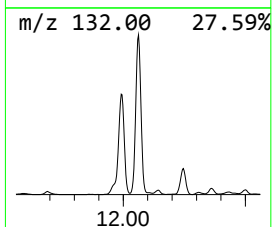
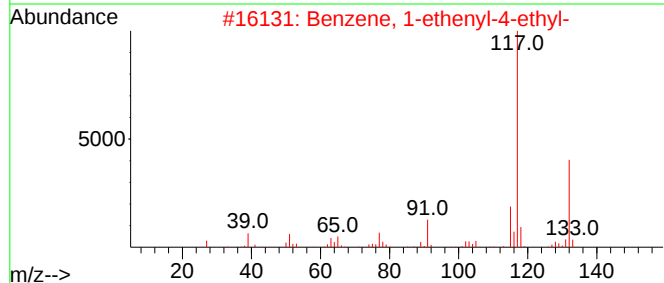
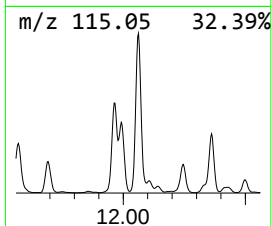
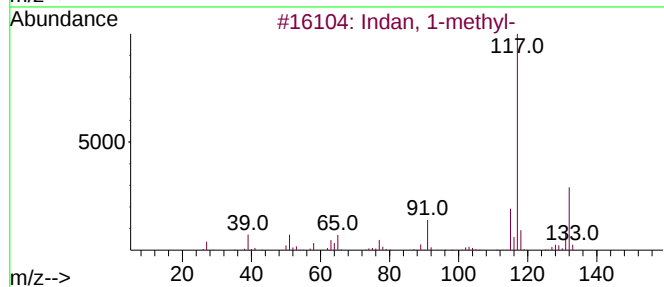
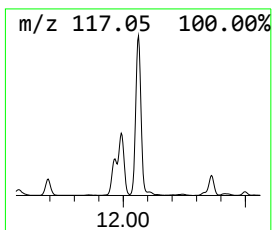
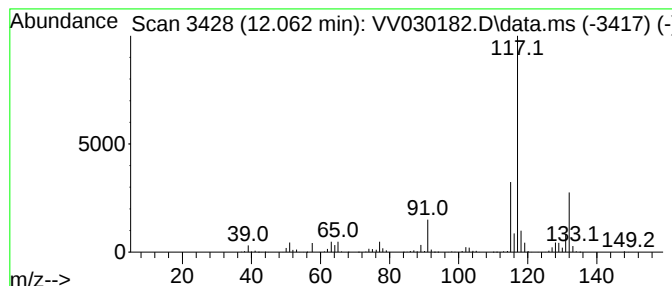
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	7.60 ug/L	1477250	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	87
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

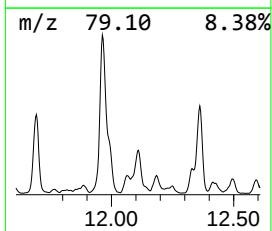
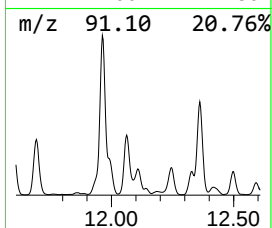
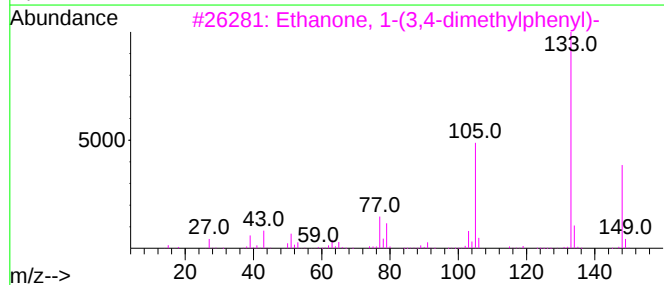
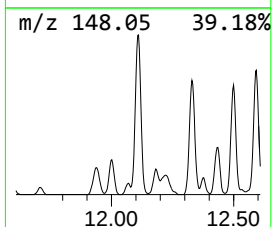
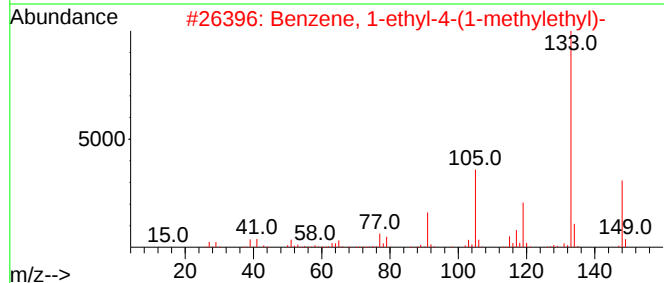
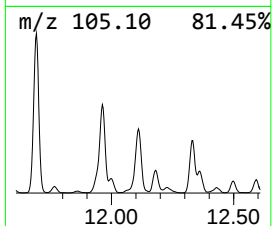
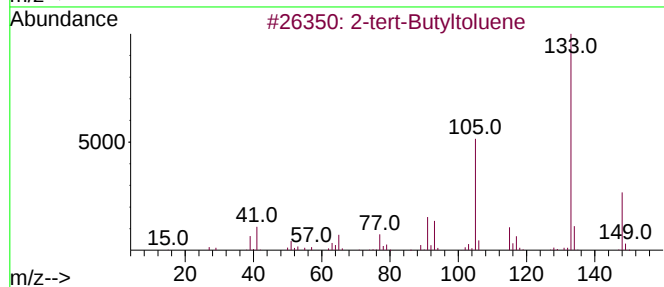
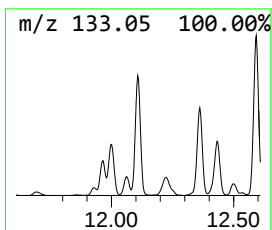
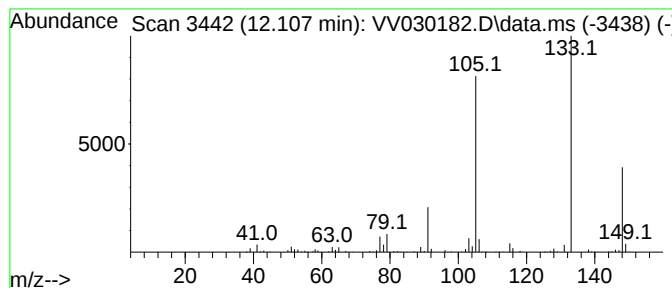
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 2-tert-Butyltoluene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.108	1.64 ug/L	319710	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-tert-Butyltoluene	148	C11H16	001074-92-6	83
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
3			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	80
4			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	78
5			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

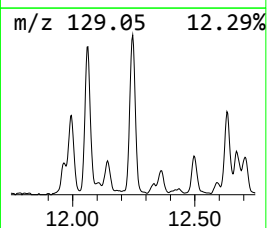
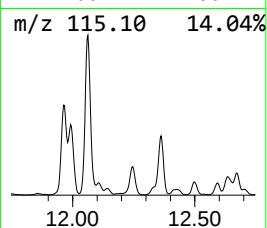
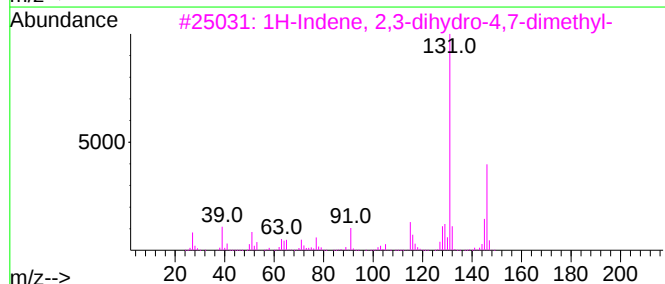
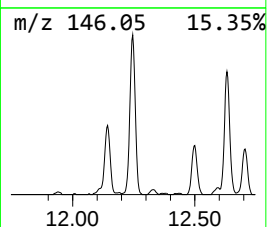
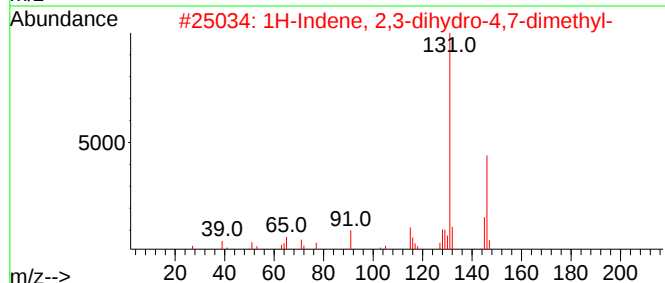
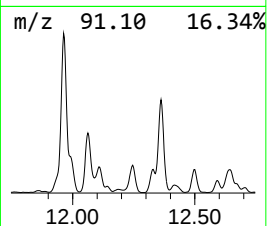
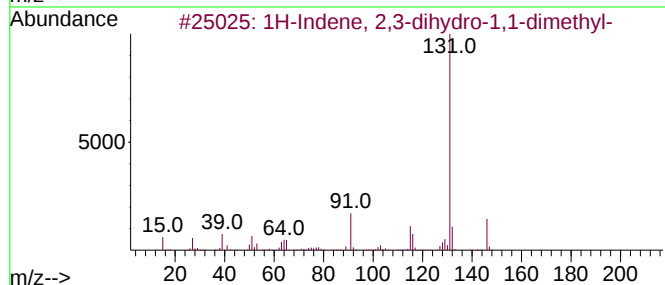
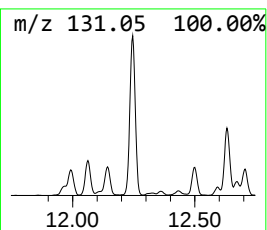
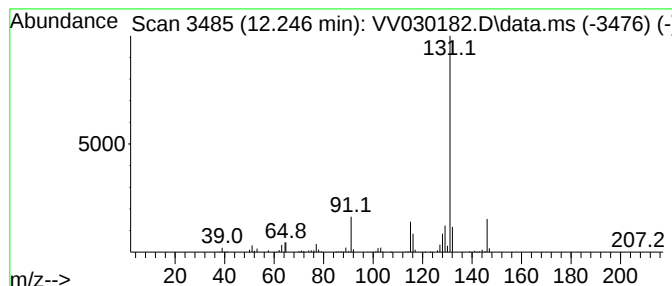
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	2.75 ug/L	535161	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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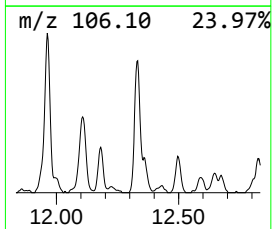
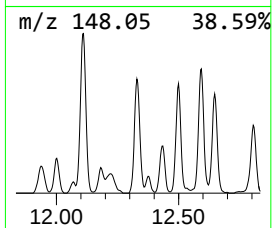
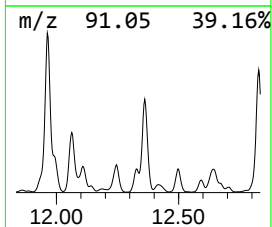
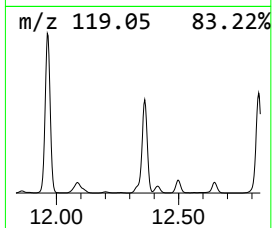
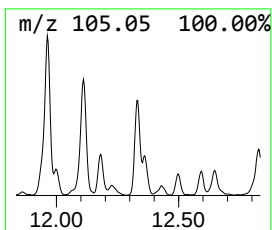
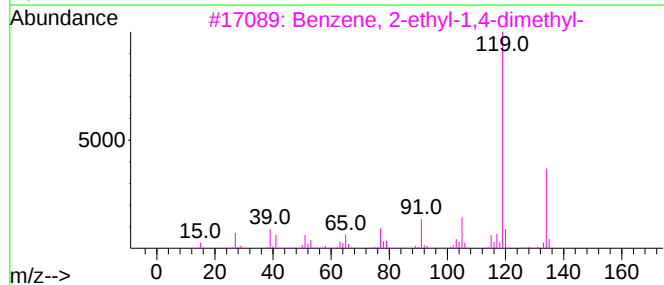
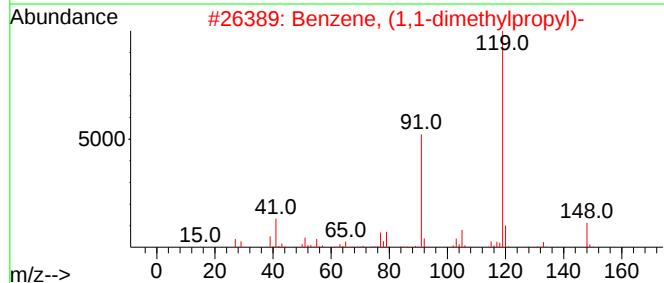
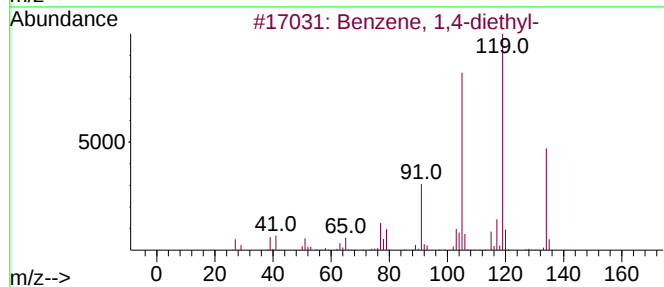
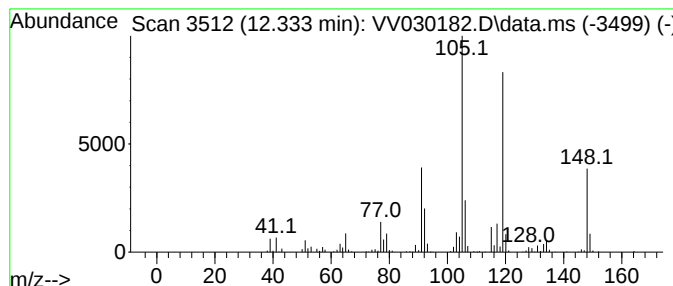
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Benzene, 1,4-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	1.40 ug/L	272441	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	45
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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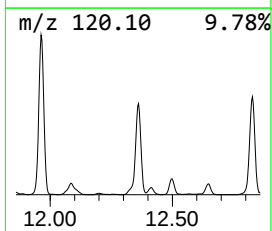
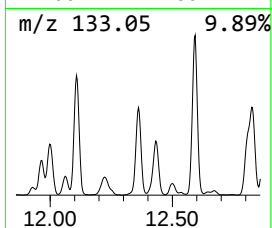
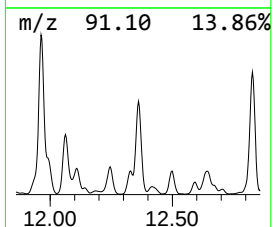
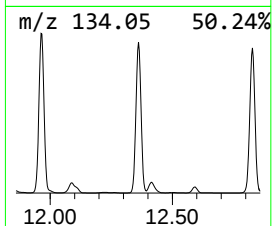
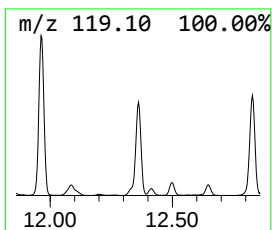
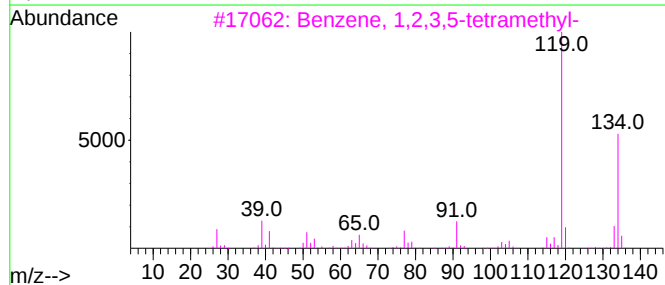
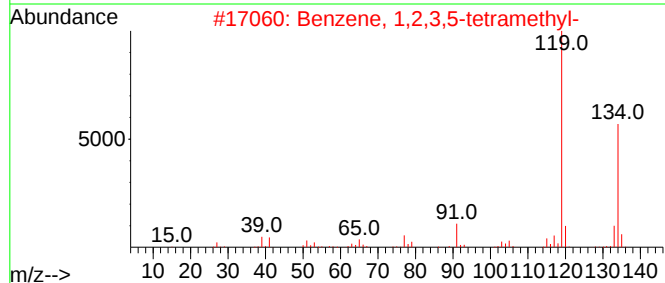
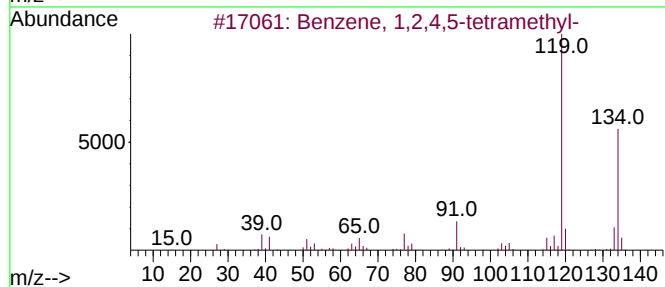
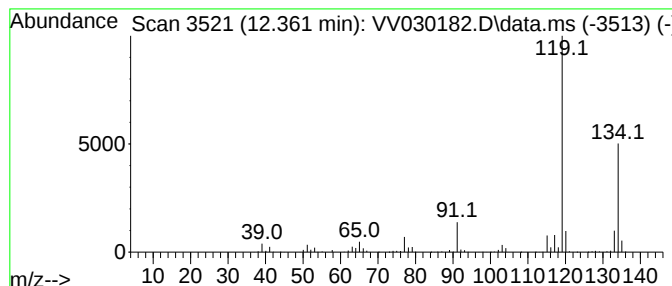
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	10.50 ug/L	2041600	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

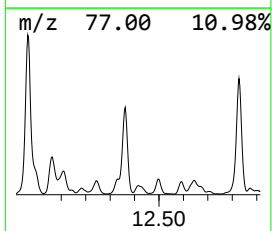
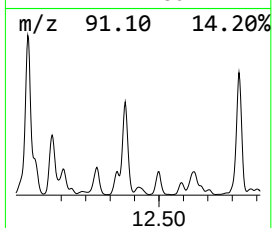
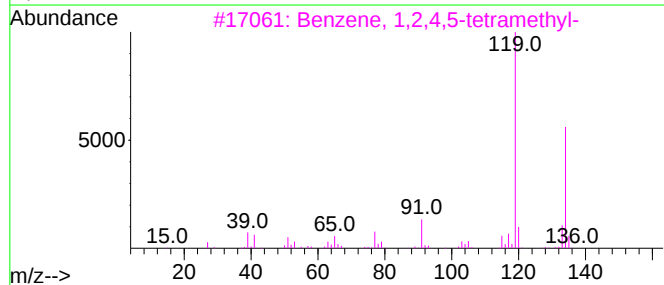
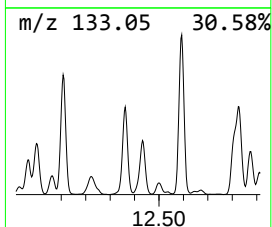
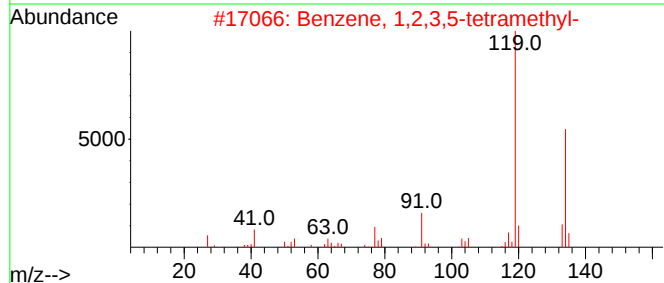
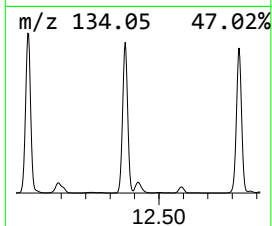
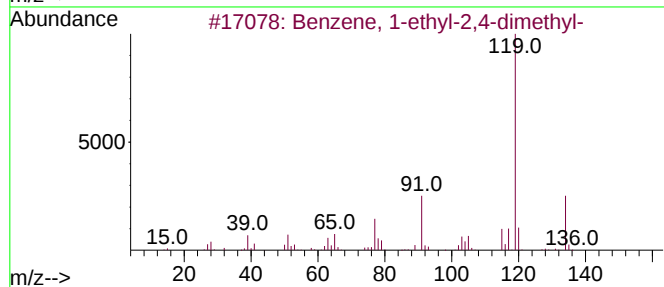
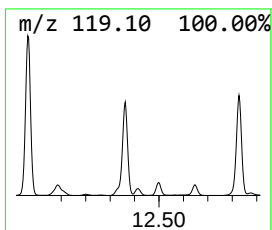
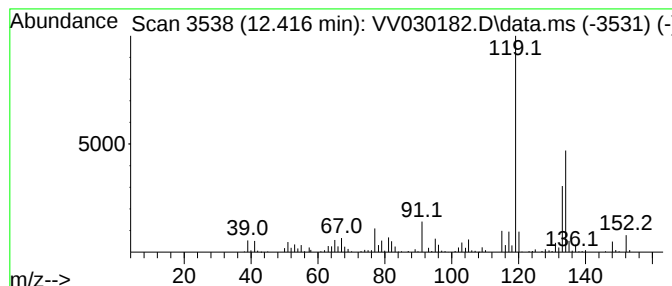
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	1.50 ug/L	292062	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

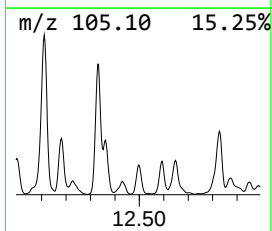
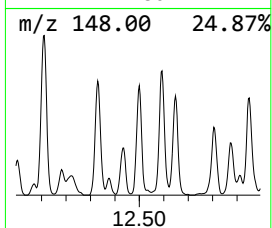
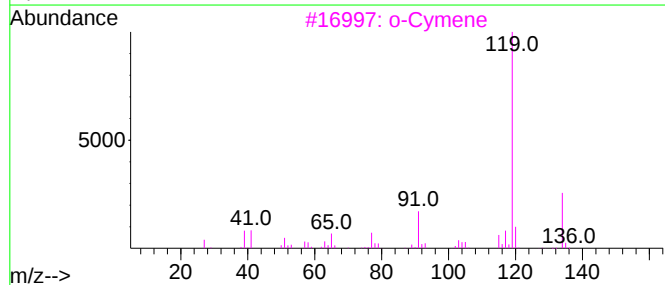
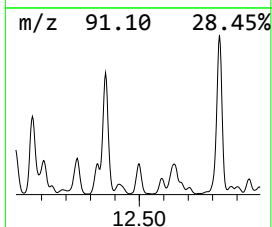
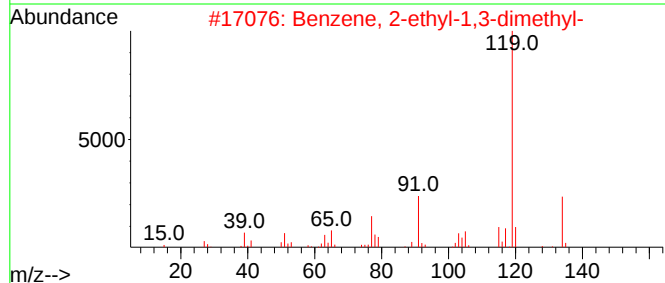
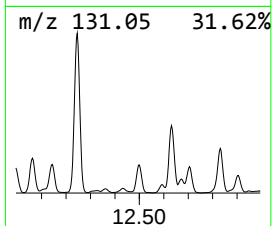
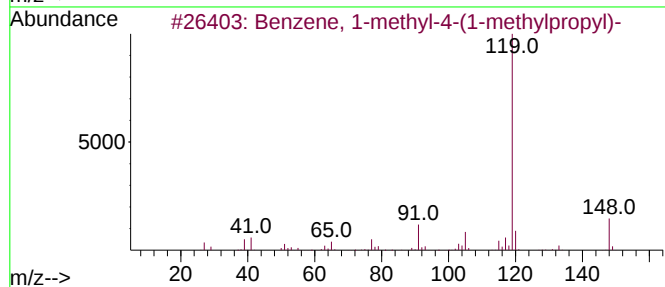
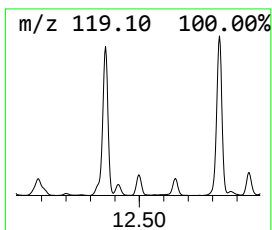
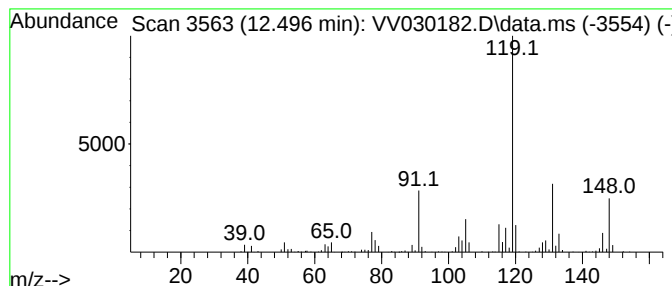
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.496	1.84 ug/L	356902	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3			o-Cymene	134	C10H14	000527-84-4	60
4			p-Cymene	134	C10H14	000099-87-6	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

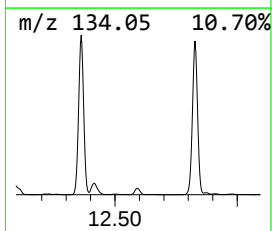
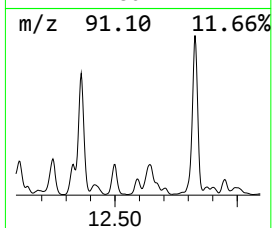
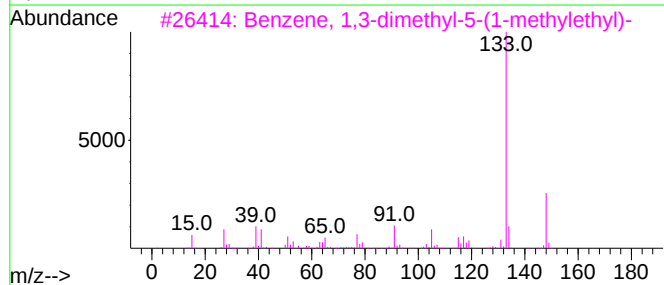
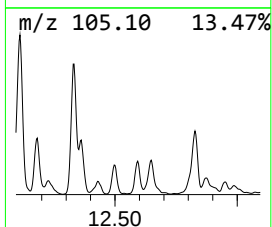
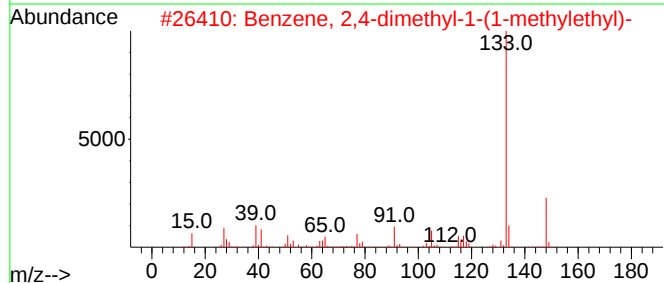
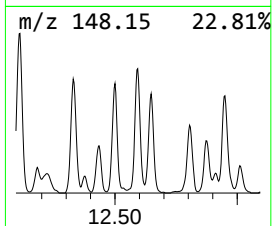
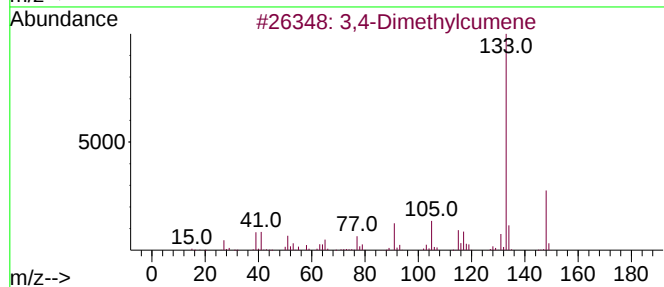
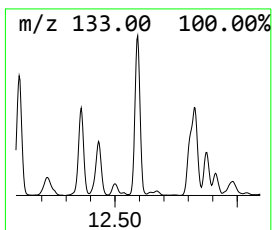
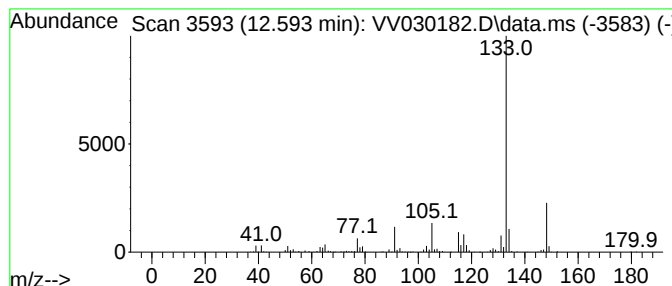
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 3,4-Dimethylcumene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	1.72 ug/L	334274	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	94
4			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

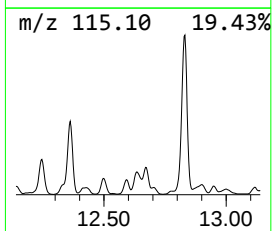
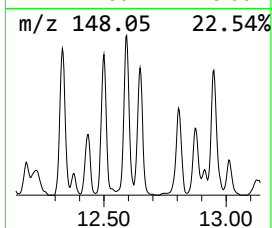
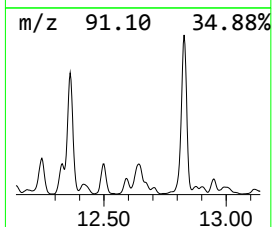
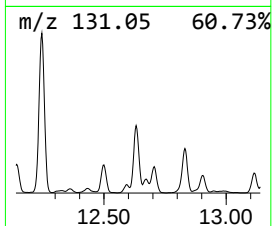
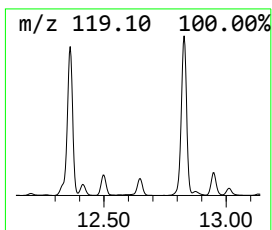
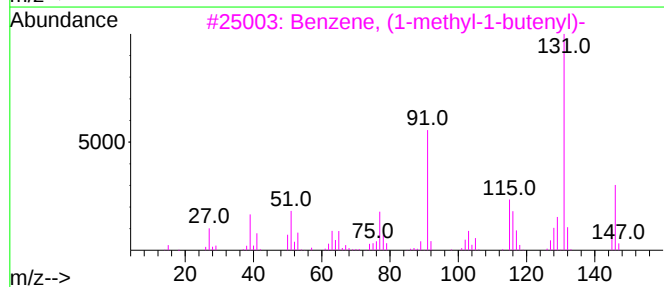
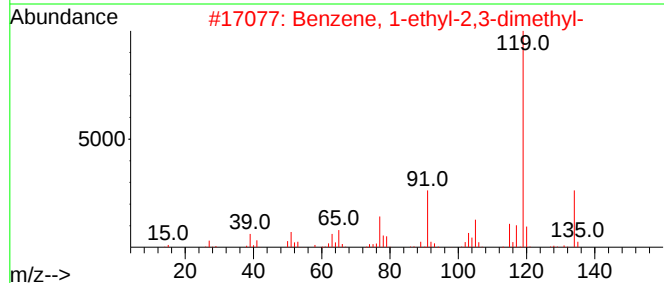
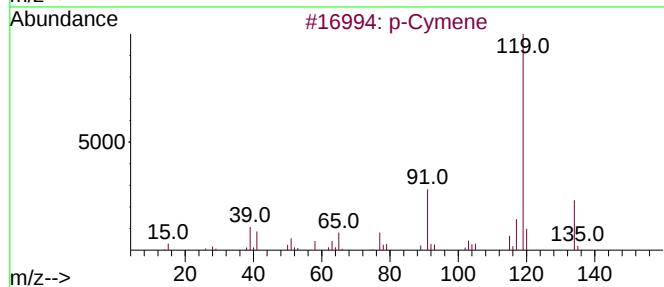
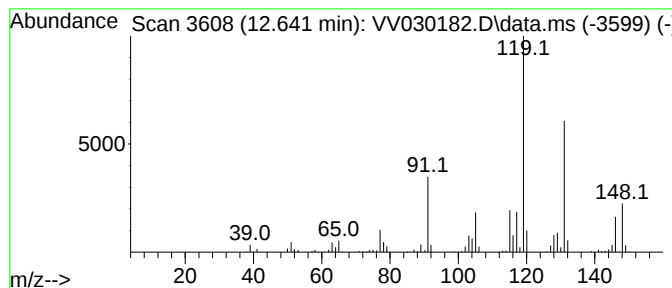
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.641	1.58 ug/L	308126	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	43
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	38
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

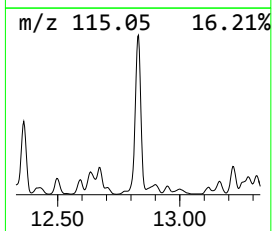
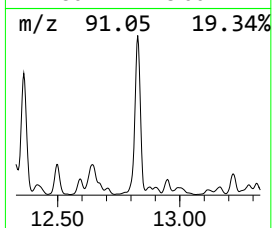
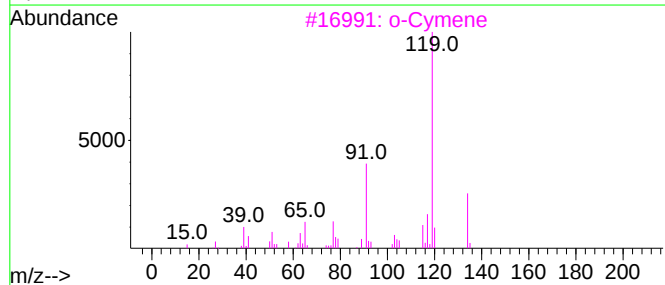
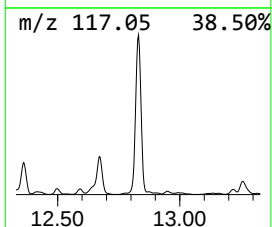
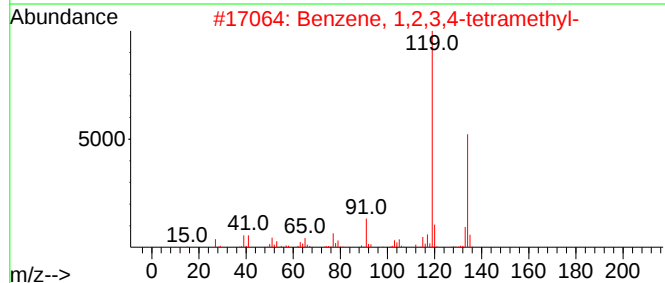
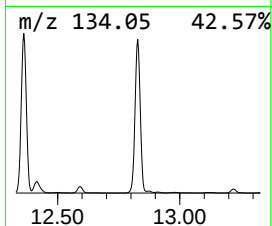
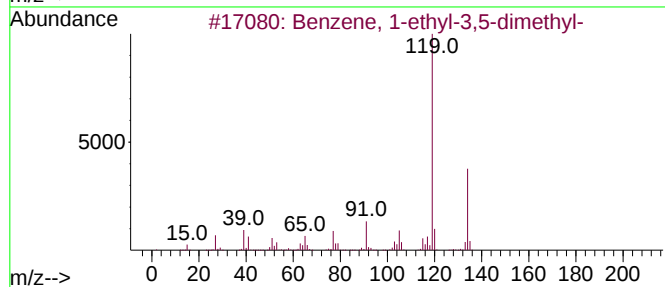
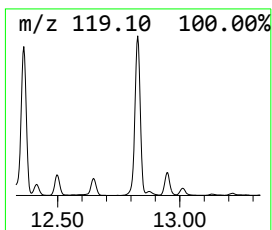
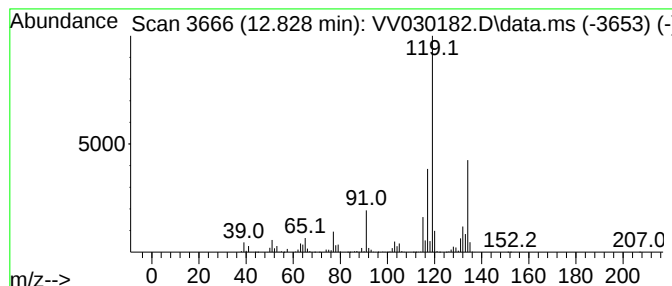
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	14.61 ug/L	2839660	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3			o-Cymene	134	C10H14	000527-84-4	70
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

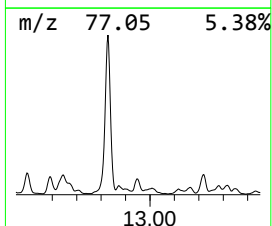
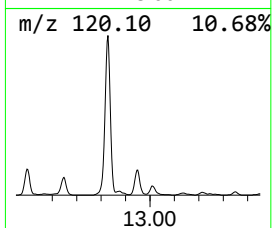
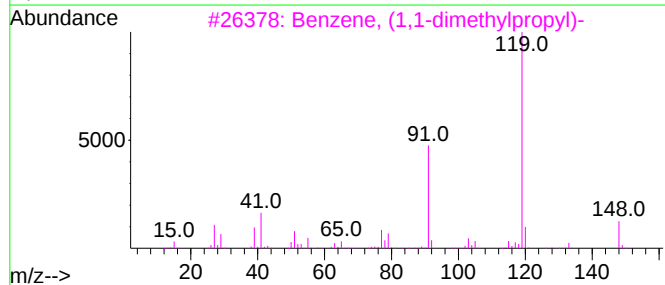
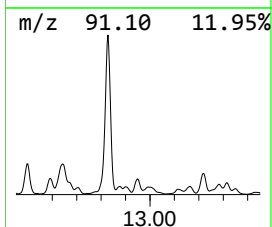
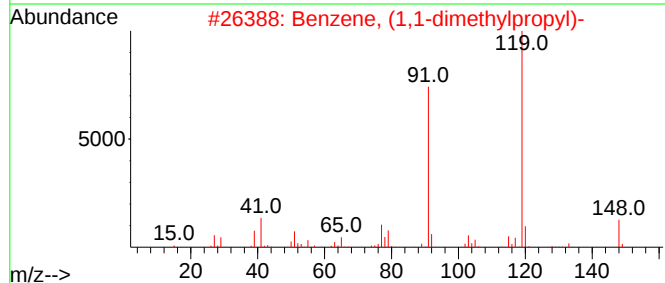
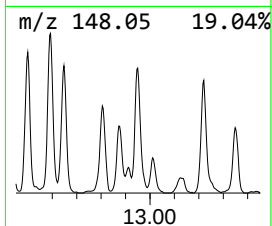
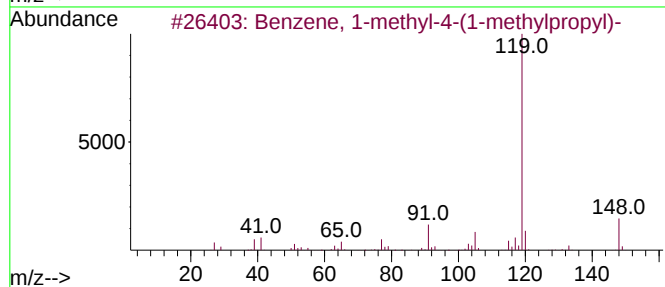
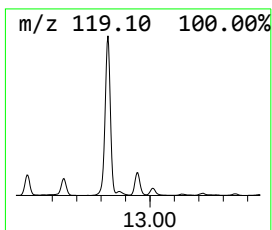
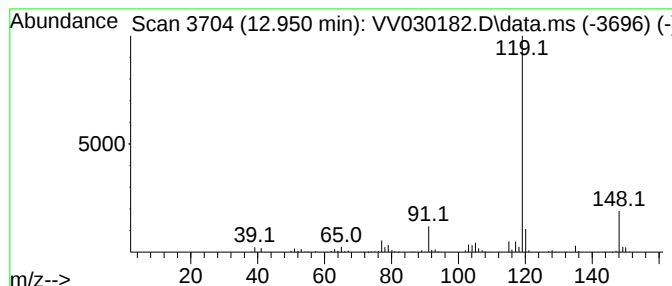
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Benzene, (1,1-dimethylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	1.10 ug/L	212941	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

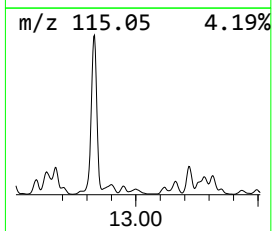
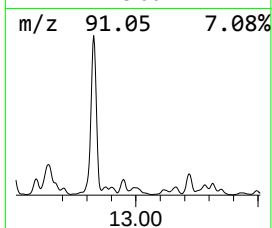
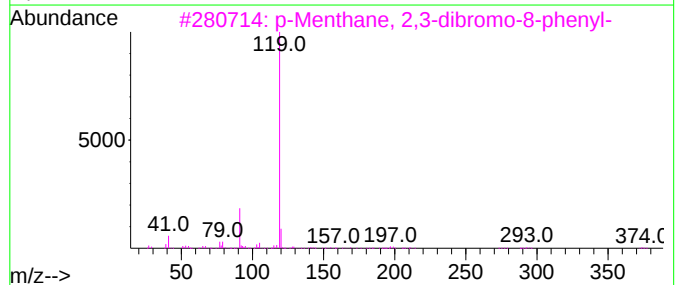
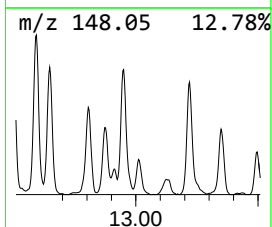
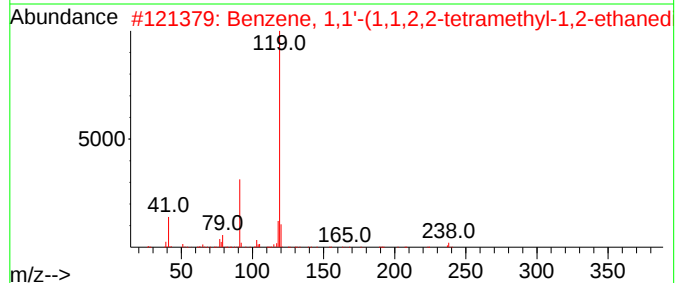
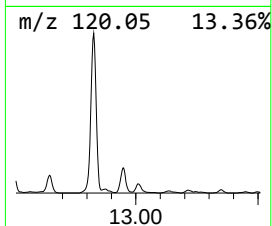
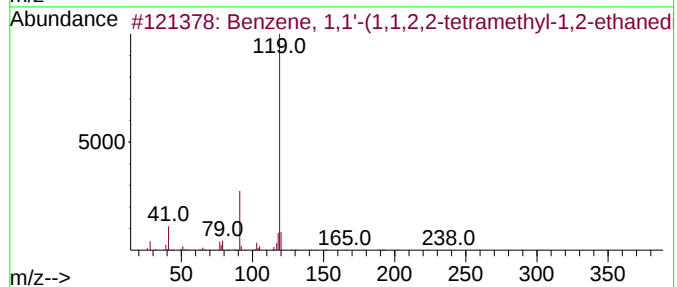
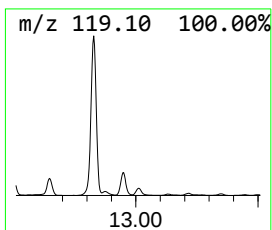
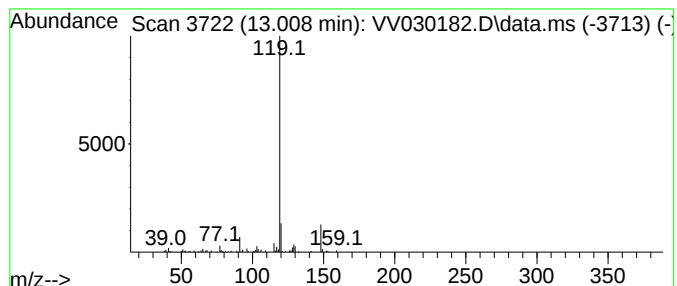
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 Benzene, 1,1'-(1,1,2,2-tetr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.008	0.80 ug/L	155385	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
2			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
3			p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	45
4			3,5-Dimethylbenzylnonylamine	261	C18H31N	1010491-61-1	45
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

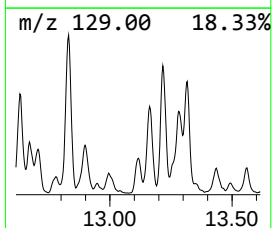
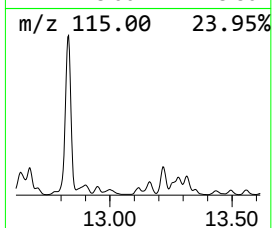
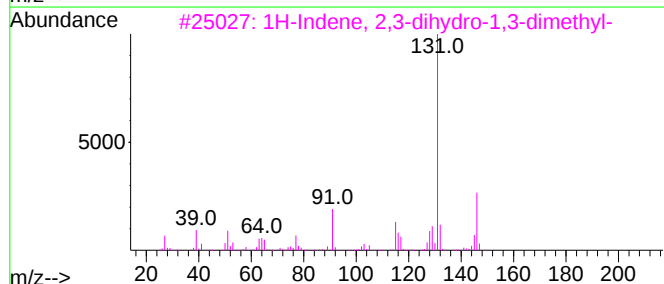
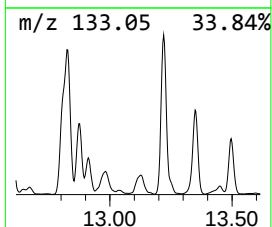
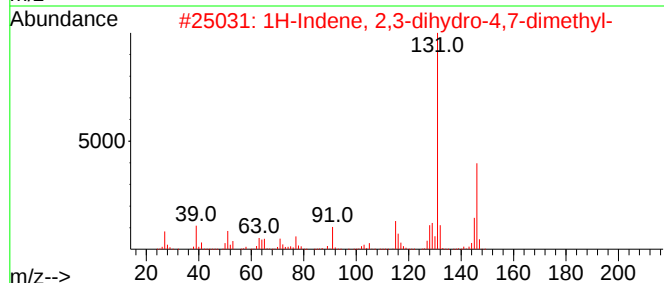
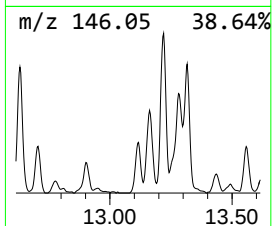
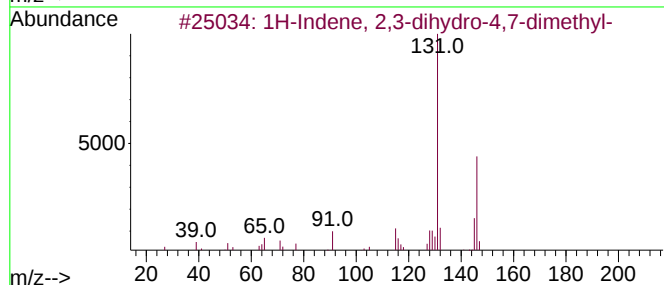
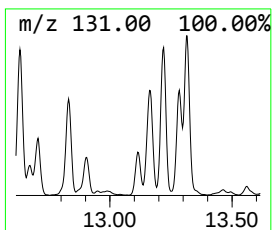
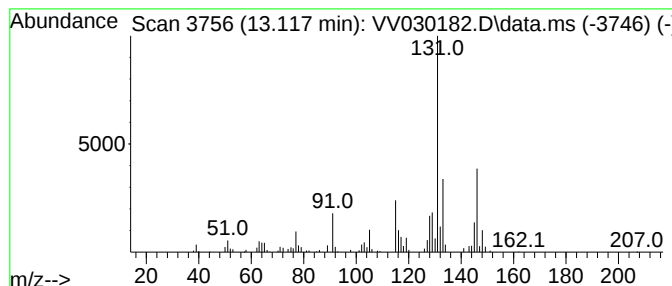
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	0.58 ug/L	112724	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

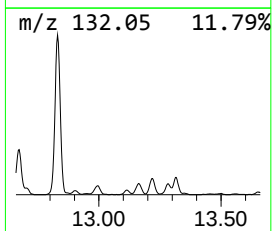
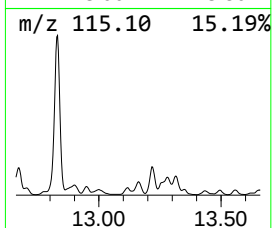
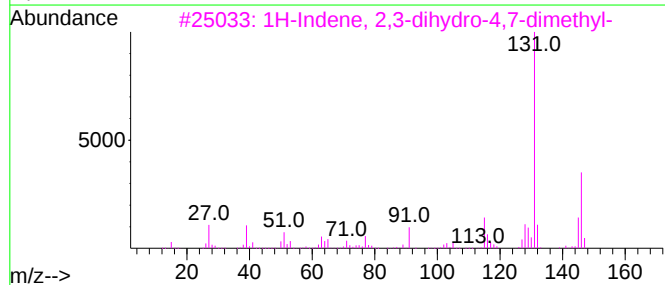
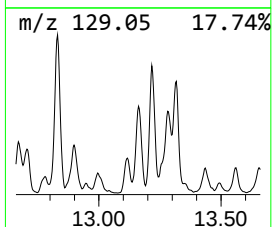
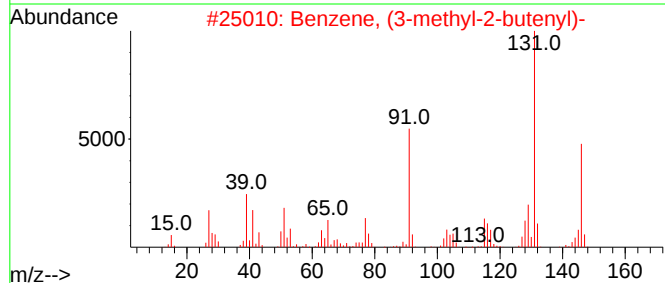
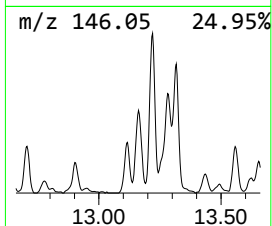
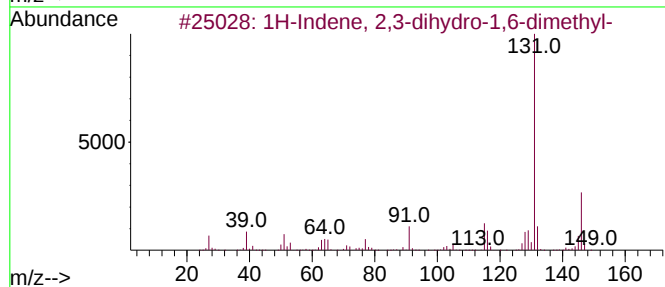
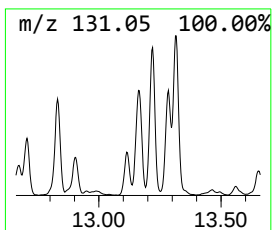
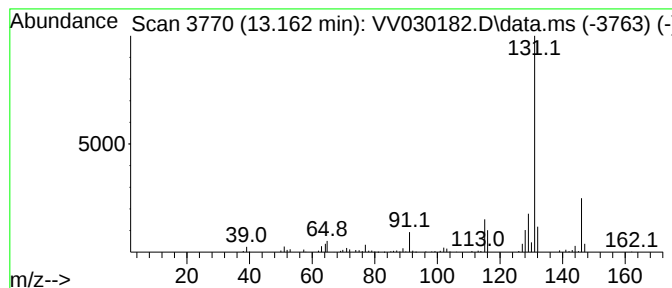
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.162	0.97 ug/L	187991	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

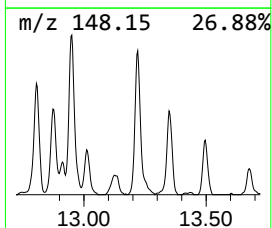
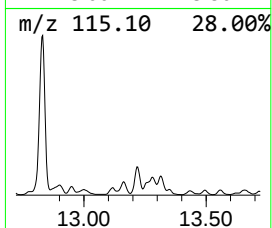
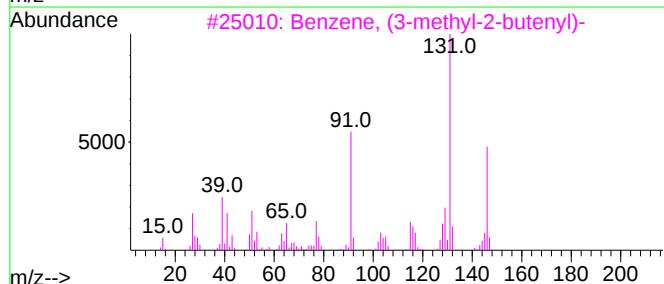
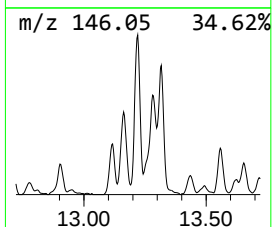
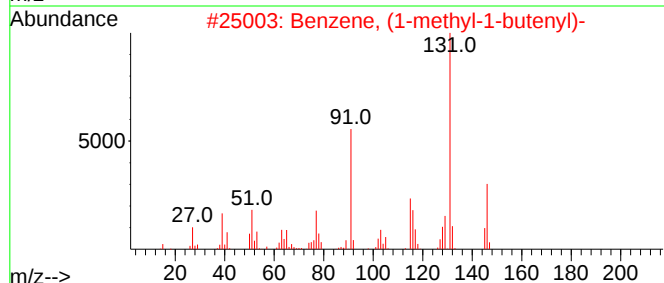
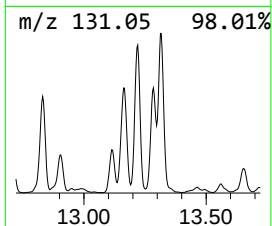
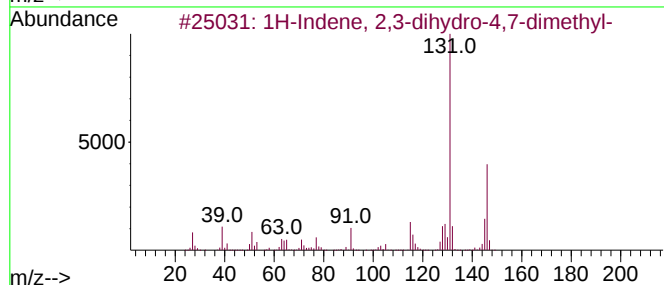
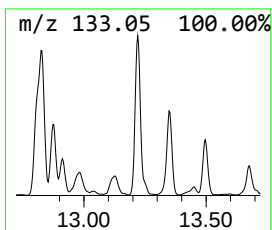
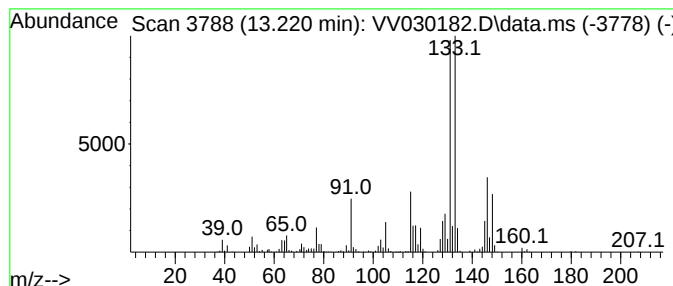
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 Benzene, (1-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.220	2.45 ug/L	477248	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

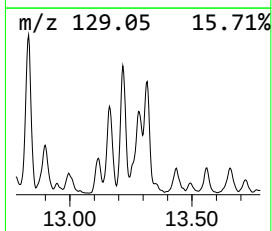
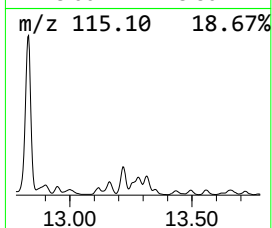
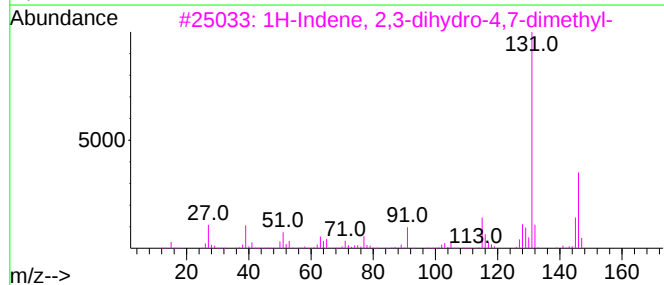
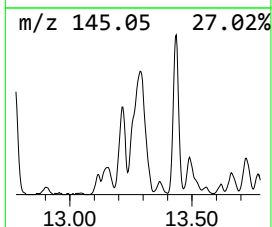
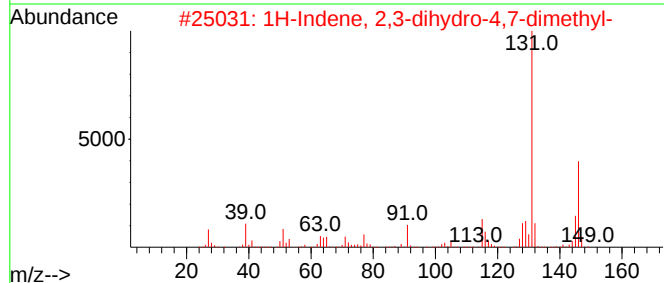
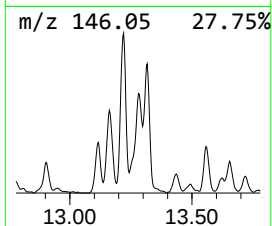
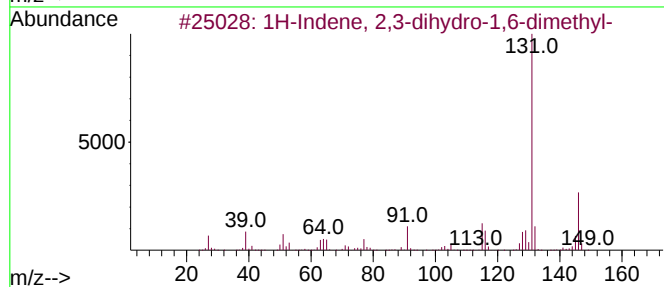
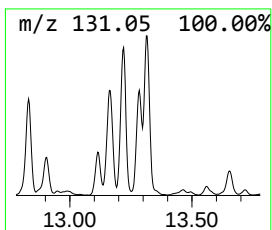
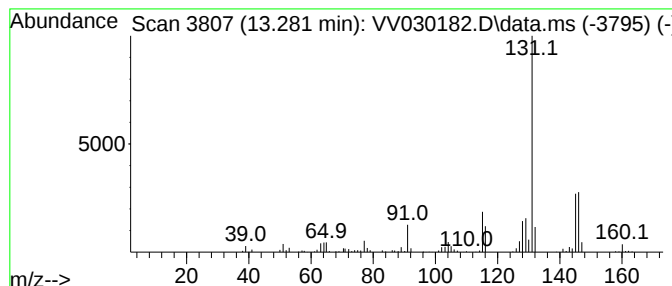
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	1.70 ug/L	329980	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87		
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

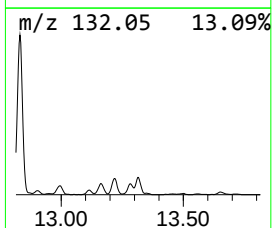
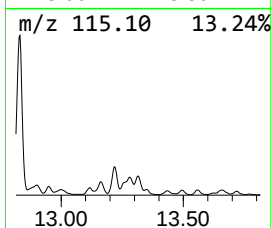
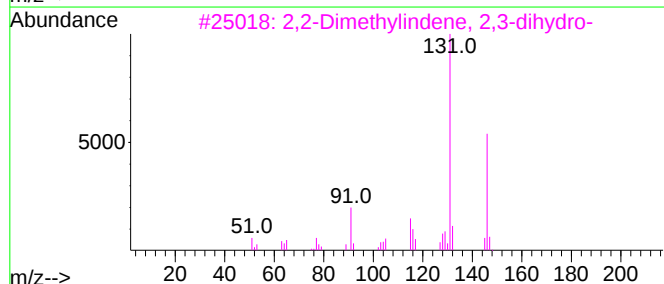
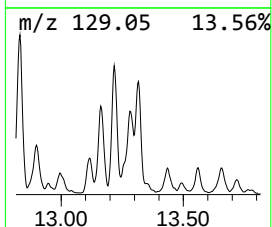
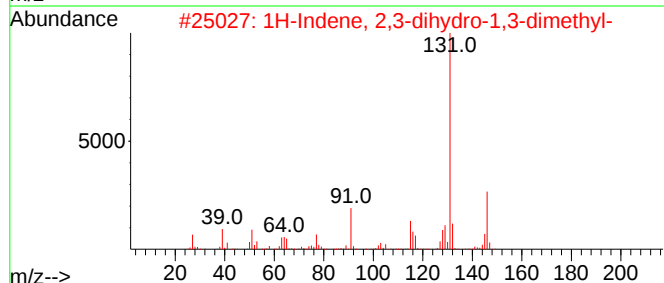
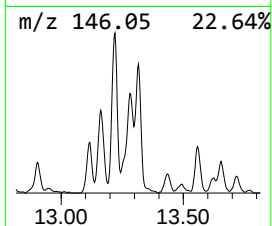
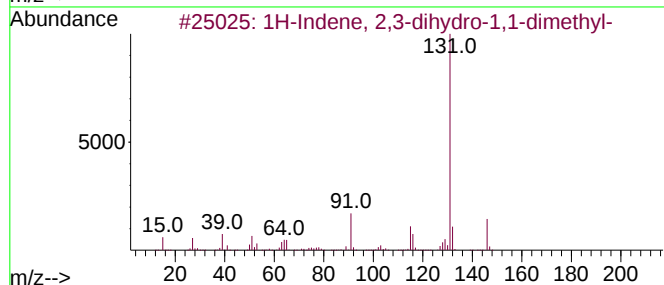
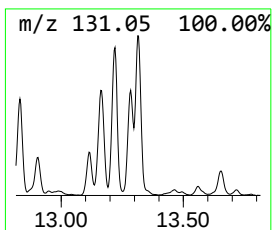
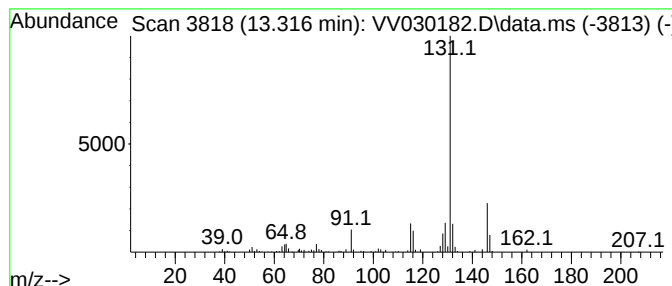
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	1.30 ug/L	252346	1,4-Dichlorobenzene-d4	11.194

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

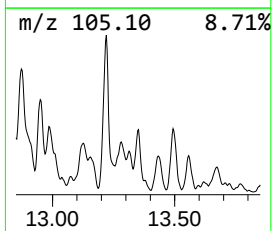
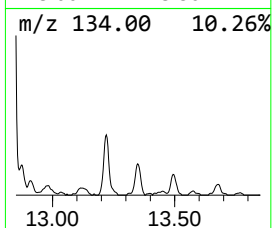
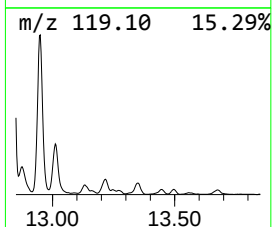
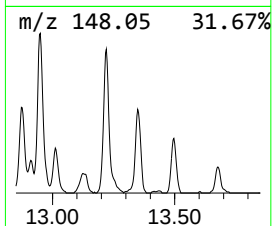
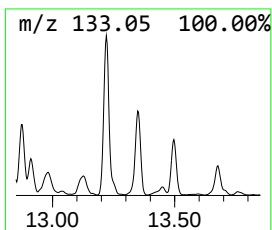
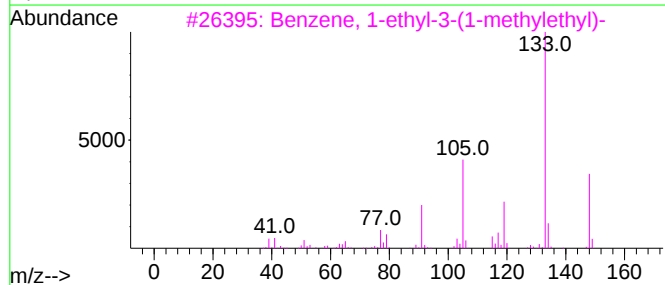
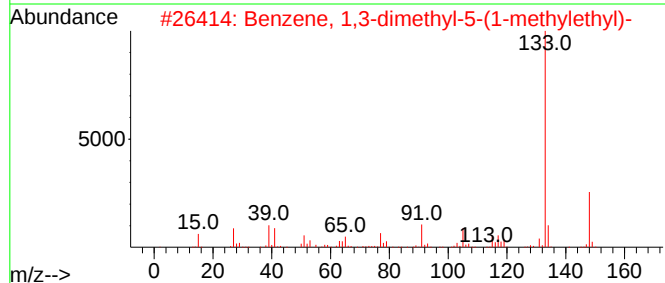
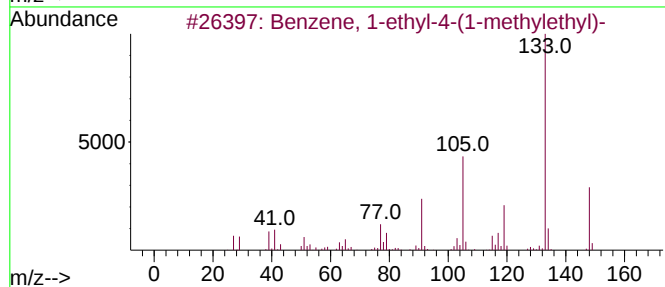
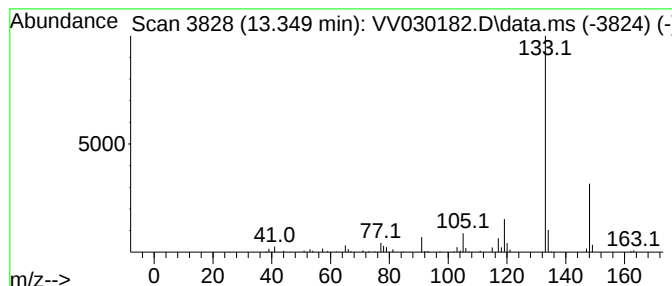
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.349	0.62 ug/L	121349	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	86
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	80
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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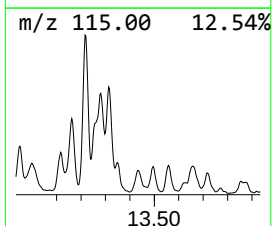
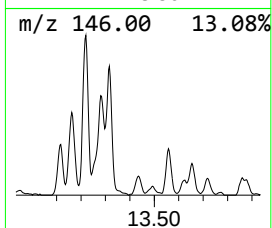
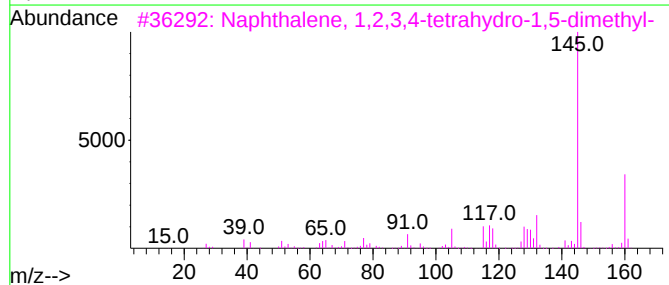
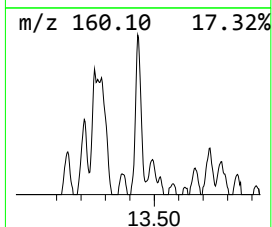
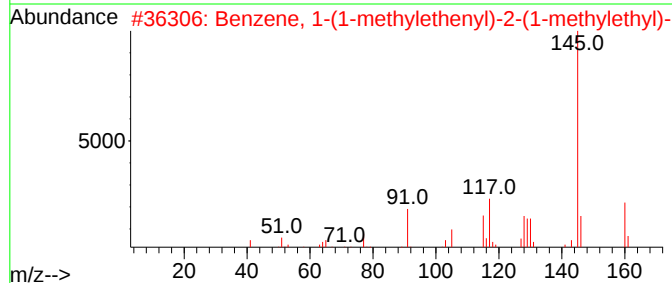
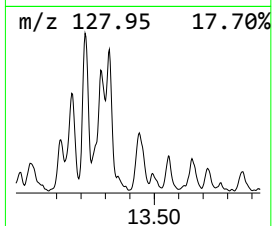
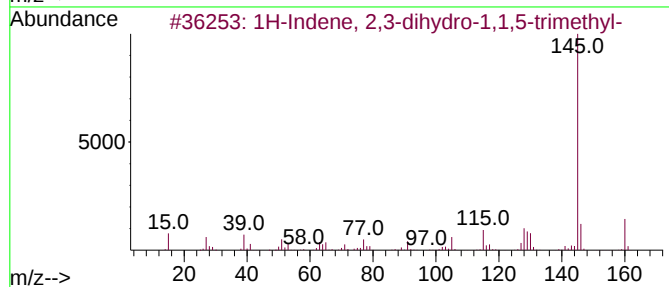
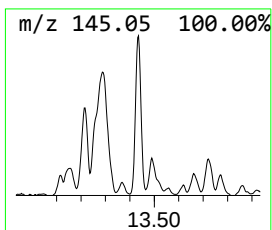
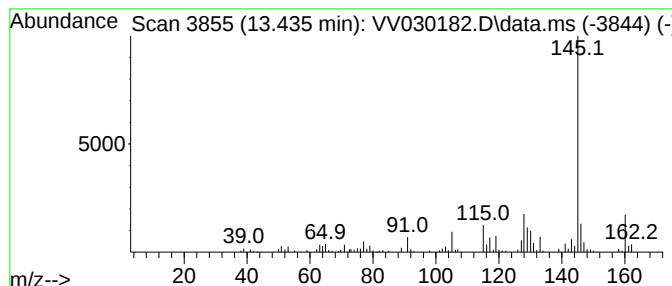
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	0.53 ug/L	103645	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90		
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	90		
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90		
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87		
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	87		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030182.D
Acq On : 13 Mar 2023 17:28
Operator : SY/MD
Sample : 01884-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908

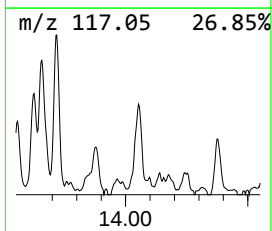
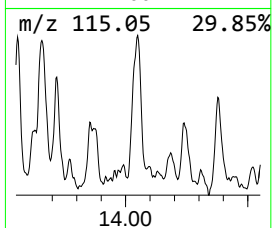
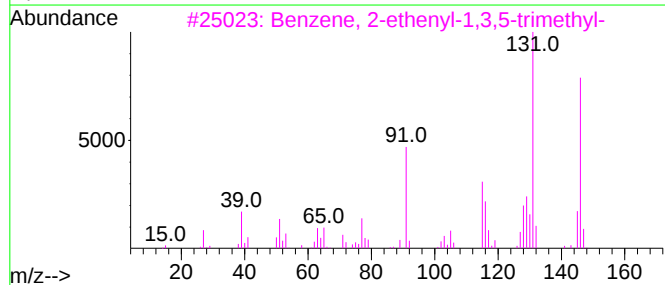
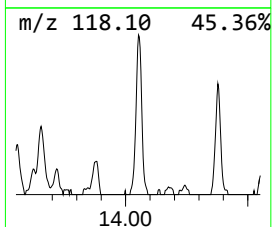
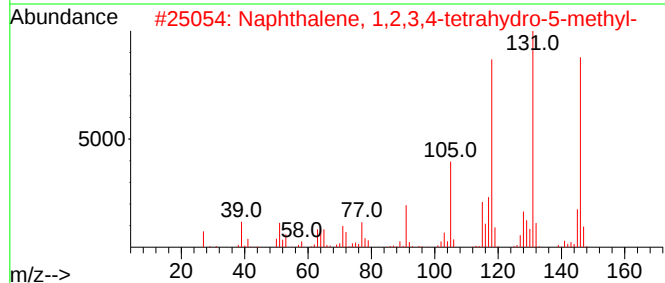
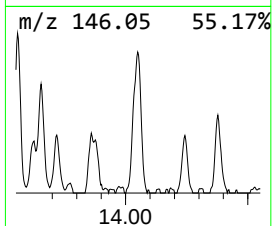
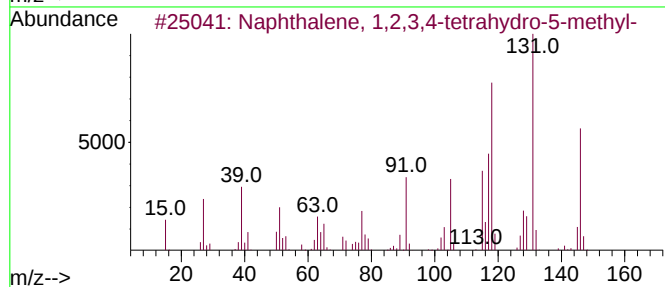
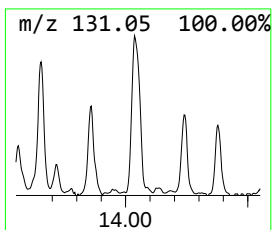
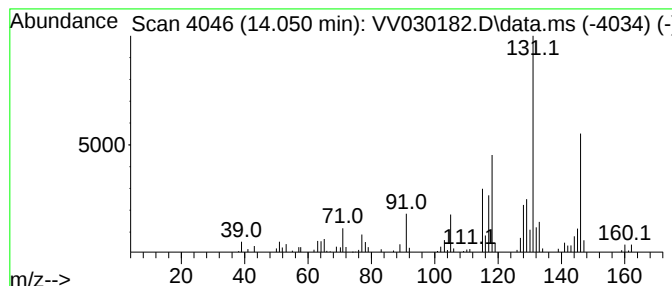
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	0.56 ug/L	108883	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
 Data File : VV030182.D
 Acq On : 13 Mar 2023 17:28
 Operator : SY/MD
 Sample : 01884-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB908

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.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...	9.423	0.6	ug/L	606563	2	8.792	4703470	5.0
Bicyclo[2.2.2]o...	10.069	1.3	ug/L	251172	3	11.194	972147	5.0
Benzene, propyl-	10.297	3.9	ug/L	753084	3	11.194	972147	5.0
unknown-01	10.394	0.9	ug/L	179138	3	11.194	972147	5.0
Pentalene, octa...	10.677	1.7	ug/L	326346	3	11.194	972147	5.0
Benzene, (2-met...	11.001	5.4	ug/L	1053420	3	11.194	972147	5.0
Benzene, (1-met...	11.034	5.8	ug/L	1122560	3	11.194	972147	5.0
o-Cymene	11.400	3.0	ug/L	582359	3	11.194	972147	5.0
Indane	11.477	10.9	ug/L	2115640	3	11.194	972147	5.0
Benzene, 1,2-di...	11.693	5.1	ug/L	994236	3	11.194	972147	5.0
Benzene, 1-ethy...	11.963	20.6	ug/L	4006510	3	11.194	972147	5.0
Indan, 1-methyl-	12.062	7.6	ug/L	1477250	3	11.194	972147	5.0
2-tert-Butyltol...	12.108	1.6	ug/L	319710	3	11.194	972147	5.0
1H-Indene, 2,3-...	12.246	2.8	ug/L	535161	3	11.194	972147	5.0
Benzene, 1,4-di...	12.333	1.4	ug/L	272441	3	11.194	972147	5.0
Benzene, 1,2,4,...	12.361	10.5	ug/L	2041600	3	11.194	972147	5.0
Benzene, 1,2,3,...	12.416	1.5	ug/L	292062	3	11.194	972147	5.0
Benzene, 1-meth...	12.496	1.8	ug/L	356902	3	11.194	972147	5.0
3,4-Dimethylcumene	12.593	1.7	ug/L	334274	3	11.194	972147	5.0
unknown-02	12.641	1.6	ug/L	308126	3	11.194	972147	5.0
Benzene, 1-ethy...	12.828	14.6	ug/L	2839660	3	11.194	972147	5.0
Benzene, (1,1-d...	12.950	1.1	ug/L	212941	3	11.194	972147	5.0
Benzene, 1,1'-(...	13.008	0.8	ug/L	155385	3	11.194	972147	5.0
1H-Indene, 2,3-...	13.117	0.6	ug/L	112724	3	11.194	972147	5.0
1H-Indene, 2,3-...	13.162	1.0	ug/L	187991	3	11.194	972147	5.0
Benzene, (1-met...	13.220	2.5	ug/L	477248	3	11.194	972147	5.0
1H-Indene, 2,3-...	13.281	1.7	ug/L	329980	3	11.194	972147	5.0
1H-Indene, 2,3-...	13.316	1.3	ug/L	252346	3	11.194	972147	5.0
Benzene, 1-ethy...	13.349	0.6	ug/L	121349	3	11.194	972147	5.0
1H-Indene, 2,3-...	13.435	0.5	ug/L	103645	3	11.194	972147	5.0
Naphthalene, 1,...	14.050	0.6	ug/L	108883	3	11.194	972147	5.0