

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
 Data File : VV030189.D
 Acq On : 14 Mar 2023 12:09
 Operator : SY/MD
 Sample : 01884-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB908DL

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: VV030189.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	66	75	86	rVB2	87522	110089	14.72%	1.143%
2	1.536	147	154	167	rVB	72817	83893	11.22%	0.871%
3	2.063	308	318	336	rBV	149929	218602	29.23%	2.269%
4	2.455	429	440	456	rVB	16628	28231	3.77%	0.293%
5	2.716	509	521	536	rBV	5926	12835	1.72%	0.133%
6	3.851	857	874	926	rBV3	22487	146102	19.53%	1.516%
7	4.262	986	1002	1028	rBV	84272	213126	28.49%	2.212%
8	4.970	1201	1222	1250	rBV2	185904	470285	62.88%	4.881%
9	5.545	1388	1401	1422	rBV	162726	335809	44.90%	3.485%
10	5.998	1529	1542	1559	rBV	106496	222557	29.76%	2.310%
11	6.924	1815	1830	1850	rBV	46703	88987	11.90%	0.924%
12	7.252	1920	1932	1952	rBV	213993	386031	51.61%	4.007%
13	7.564	2019	2029	2050	rBV	28606	57031	7.62%	0.592%
14	8.040	2166	2177	2209	rBV	169058	361124	48.28%	3.748%
15	8.227	2229	2235	2246	rVB2	9558	16116	2.15%	0.167%
16	8.291	2246	2255	2264	rVB3	6972	10301	1.38%	0.107%
17	8.796	2399	2412	2414	rBV	271062	362652	48.49%	3.764%
18	8.821	2415	2420	2447	rVB	451791	747949	100.00%	7.763%
19	9.050	2482	2491	2494	rBV6	8690	12767	1.71%	0.133%
20	9.098	2498	2506	2513	rVV3	19468	36823	4.92%	0.382%
21	9.140	2513	2519	2527	rVB2	7983	11732	1.57%	0.122%
22	9.259	2546	2556	2568	rBV4	10792	17407	2.33%	0.181%
23	9.423	2588	2607	2623	rBV5	30527	91937	12.29%	0.954%
24	9.497	2623	2630	2644	rVB3	12397	22741	3.04%	0.236%
25	9.619	2648	2668	2670	rBV6	15089	28291	3.78%	0.294%
26	9.648	2671	2677	2688	rVB2	37584	59143	7.91%	0.614%
27	9.744	2692	2707	2723	rBV10	25555	60820	8.13%	0.631%
28	9.876	2736	2748	2758	rBV	104190	170229	22.76%	1.767%
29	10.072	2797	2809	2817	rBV3	25460	45835	6.13%	0.476%
30	10.165	2826	2838	2855	rVB	90744	188591	25.21%	1.957%
31	10.297	2869	2879	2887	rBV	72569	115327	15.42%	1.197%
32	10.394	2902	2909	2921	rVB6	14621	28917	3.87%	0.300%
33	10.487	2921	2938	2954	rVV4	20236	58376	7.80%	0.606%
34	10.561	2955	2961	2972	rVB8	9361	16352	2.19%	0.170%
35	10.677	2983	2997	3015	rBV6	23952	50821	6.79%	0.527%
36	10.812	3028	3039	3048	rBV	145960	230237	30.78%	2.390%

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Integrator: RTE

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Filtering: 5

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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

37	10.860	3049	3054	3077	rVB3	20314	43674	5.84%	0.453%
38	11.001	3077	3098	3103	rBV	95463	167613	22.41%	1.740%
39	11.034	3103	3108	3120	rVB	121491	180539	24.14%	1.874%
40	11.130	3132	3138	3147	rVB3	12330	20064	2.68%	0.208%
41	11.194	3147	3158	3180	rBV	335743	594316	79.46%	6.168%
42	11.400	3213	3222	3234	rVB	60522	91287	12.20%	0.947%
43	11.487	3234	3249	3262	rBV3	237438	615260	82.26%	6.386%
44	11.571	3262	3275	3297	rVB	288571	534478	71.46%	5.547%
45	11.693	3301	3313	3326	rBV	103679	159849	21.37%	1.659%
46	11.860	3357	3365	3370	rBV2	4848	8283	1.11%	0.086%
47	11.963	3380	3397	3404	rBV	293658	483510	64.64%	5.018%
48	12.062	3418	3428	3437	rBV	145745	247523	33.09%	2.569%
49	12.108	3438	3442	3450	rVB2	39143	53384	7.14%	0.554%
50	12.201	3460	3471	3477	rBV7	11571	29287	3.92%	0.304%
51	12.246	3477	3485	3497	rVB	52071	83803	11.20%	0.870%
52	12.333	3497	3512	3513	rBV3	34258	42963	5.74%	0.446%
53	12.362	3513	3521	3531	rVV	185217	286570	38.31%	2.974%
54	12.416	3531	3538	3553	rVB3	20241	45017	6.02%	0.467%
55	12.500	3553	3564	3575	rVB	37083	54530	7.29%	0.566%
56	12.590	3582	3592	3599	rBV	31421	49394	6.60%	0.513%
57	12.641	3599	3608	3614	rBV3	24479	46323	6.19%	0.481%
58	12.776	3639	3650	3652	rBV4	6776	8013	1.07%	0.083%
59	12.828	3653	3666	3676	rVV2	249205	387867	51.86%	4.026%
60	12.876	3676	3681	3686	rVV2	6011	7496	1.00%	0.078%
61	12.950	3697	3704	3712	rBV	22397	31569	4.22%	0.328%
62	13.005	3712	3721	3737	rVB4	9642	25082	3.35%	0.260%
63	13.114	3746	3755	3762	rBV4	9399	16187	2.16%	0.168%
64	13.162	3763	3770	3779	rVB	14398	22862	3.06%	0.237%
65	13.217	3779	3787	3795	rBV3	39348	59694	7.98%	0.620%
66	13.284	3802	3808	3813	rBV2	11614	16495	2.21%	0.171%
67	13.316	3813	3818	3824	rVV	17307	21737	2.91%	0.226%
68	13.349	3824	3828	3836	rVB2	10163	12551	1.68%	0.130%
69	13.435	3845	3855	3866	rBV4	7657	15423	2.06%	0.160%
70	13.497	3866	3874	3883	rVB3	8335	12105	1.62%	0.126%
71	13.561	3883	3894	3902	rBV4	7814	11132	1.49%	0.116%
72	13.657	3917	3924	3937	rVV9	5065	11152	1.49%	0.116%
73	13.995	4018	4029	4035	rBV2	5744	8439	1.13%	0.088%
74	16.262	4727	4734	4744	rBV2	8406	11189	1.50%	0.116%

Sum of corrected areas: 9634726

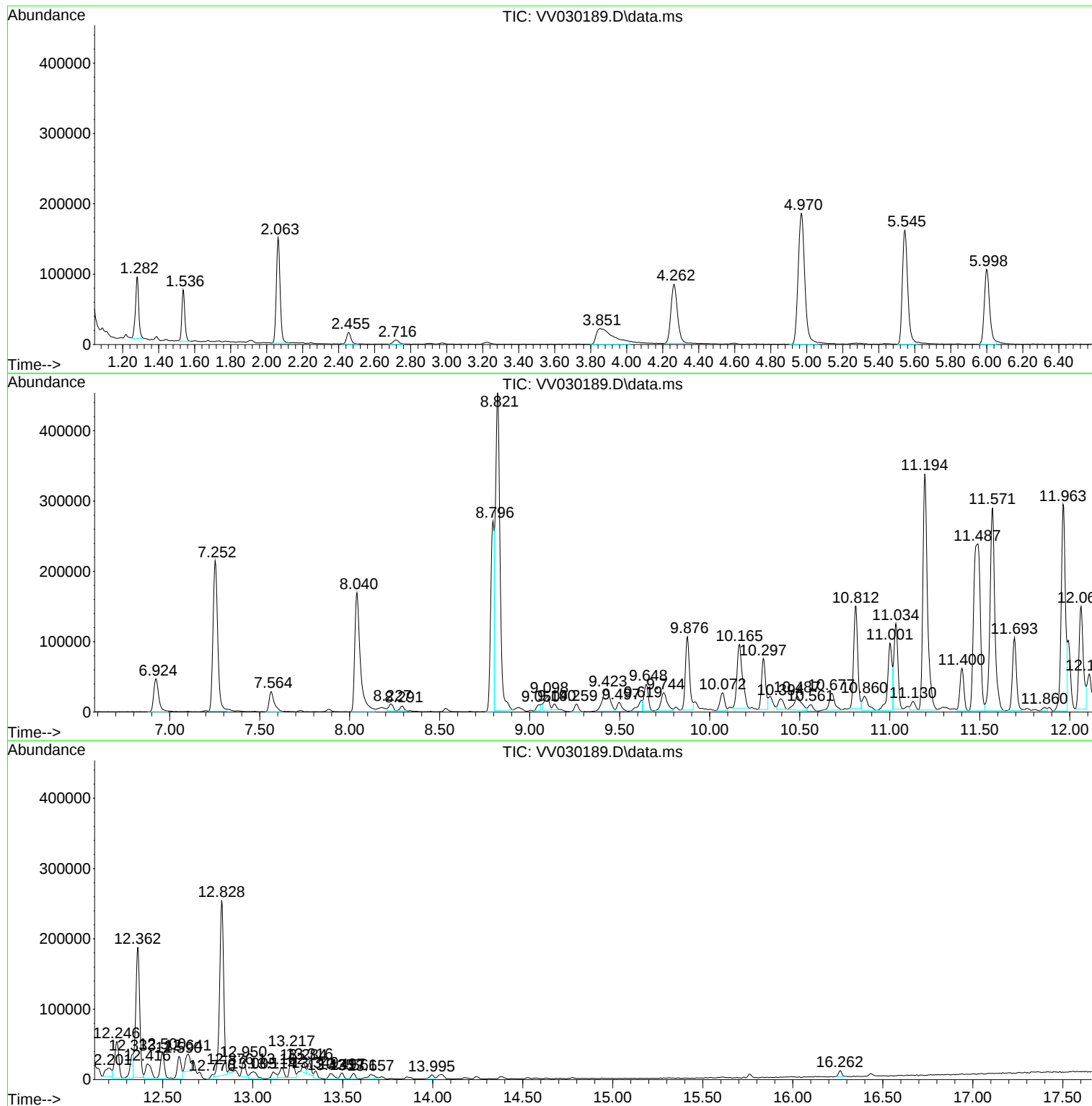
Instrument :
MSVOA_V
ClientSampleId :
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Instrument :
MSVOA_V
ClientSampleId :
CB908DL

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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Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
CB908DL

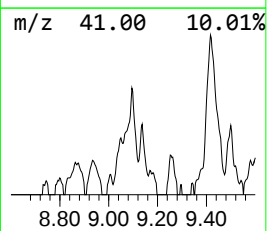
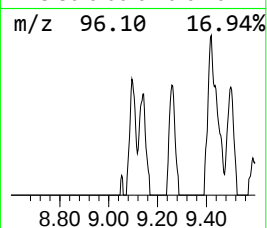
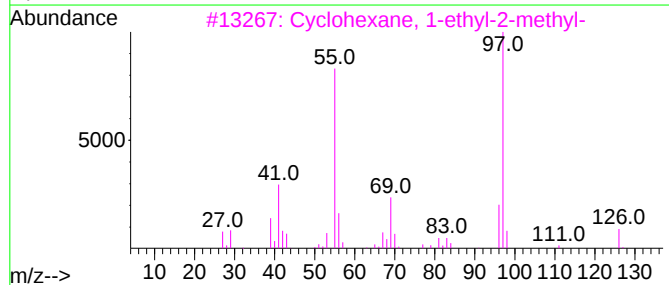
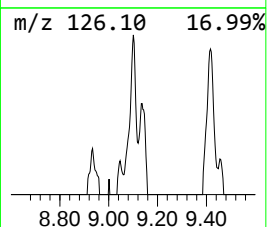
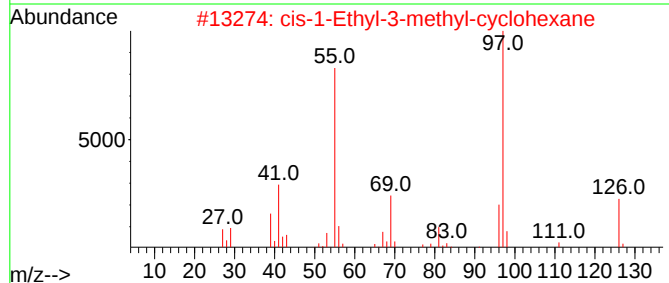
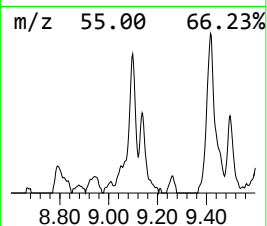
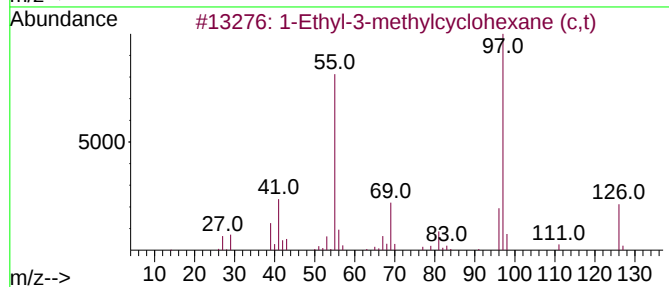
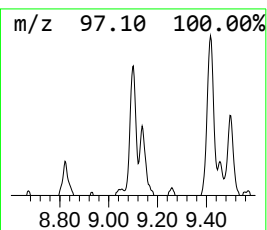
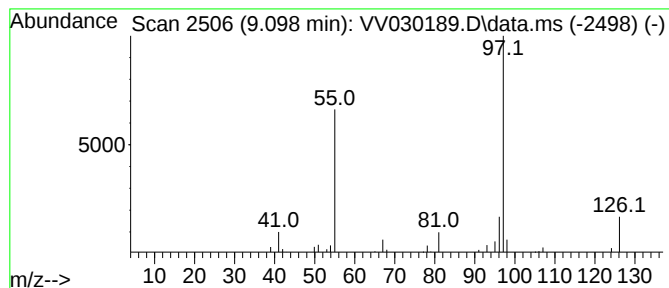
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Cyclic9.098 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	0.51 ug/L	36823	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	86
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64



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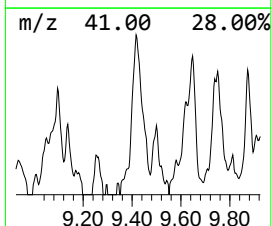
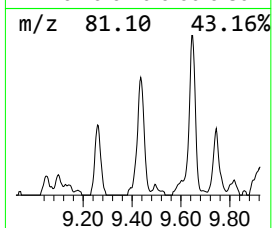
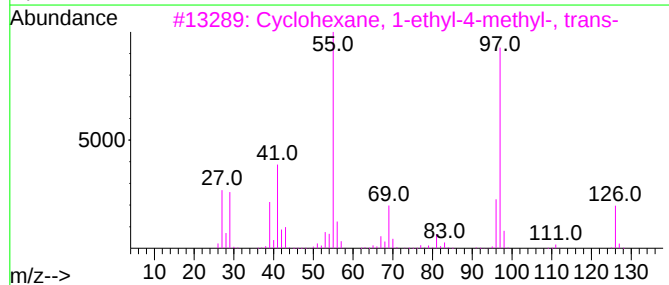
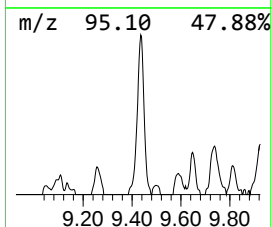
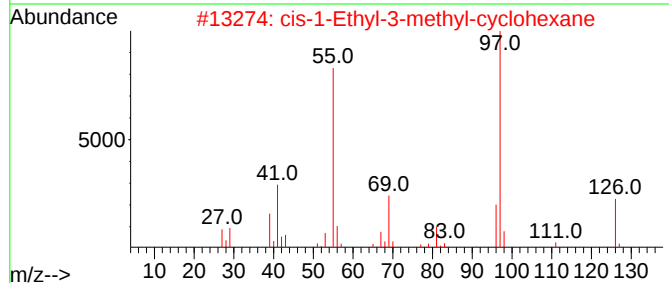
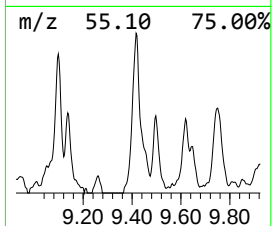
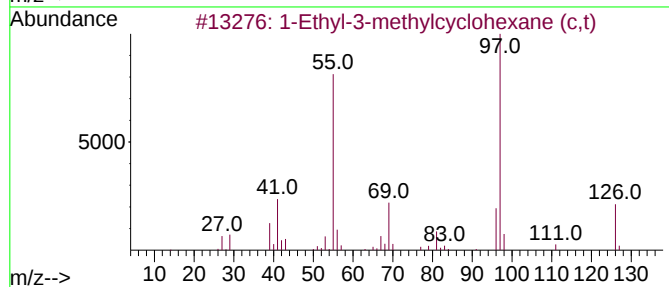
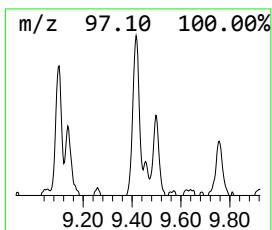
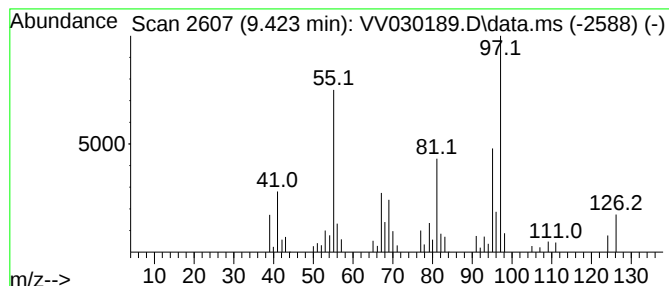
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic9.423 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.423	1.27 ug/L	91937	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47



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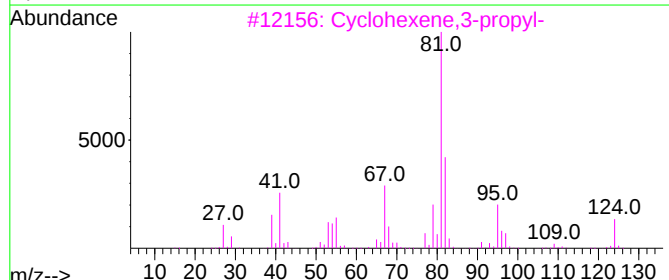
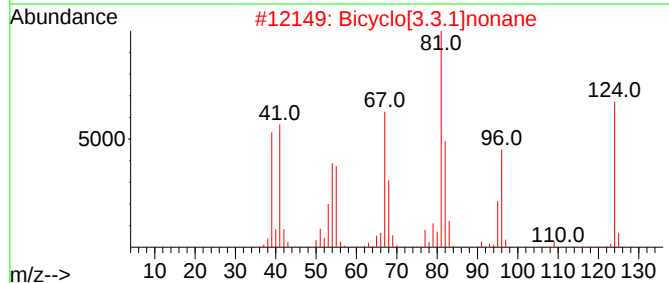
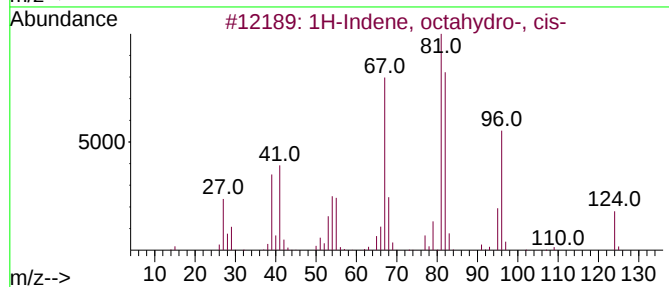
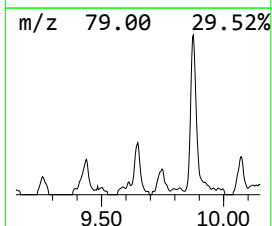
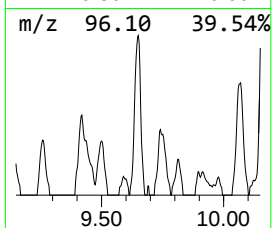
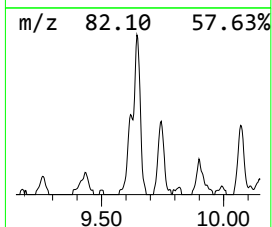
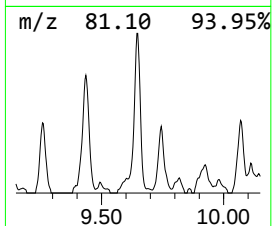
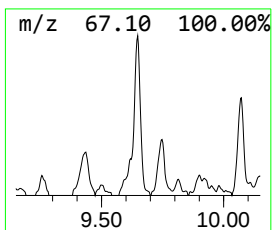
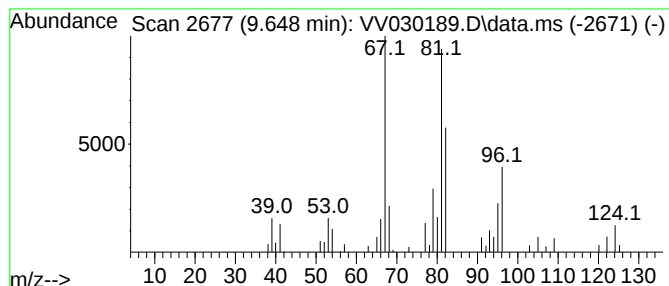
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 1H-Indene, octahydro-, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	0.82 ug/L	59143	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
3			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
4			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
5			1H-Indene, octahydro-	124	C9H16	000496-10-6	49



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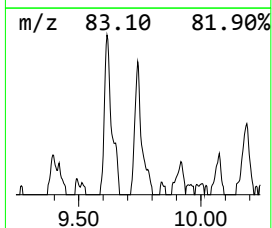
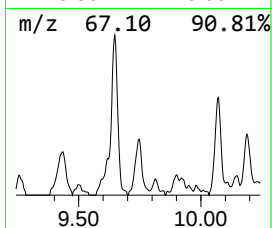
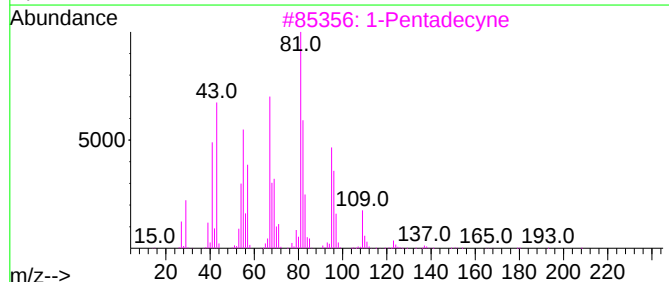
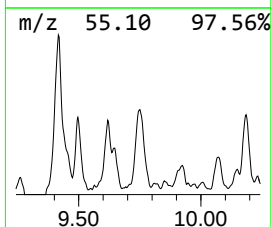
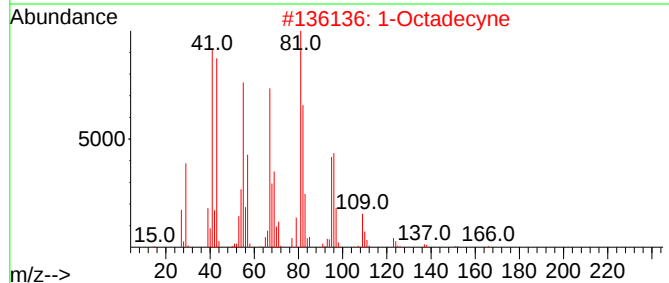
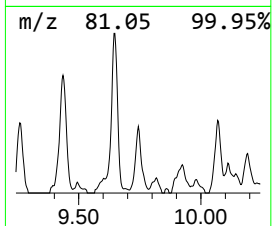
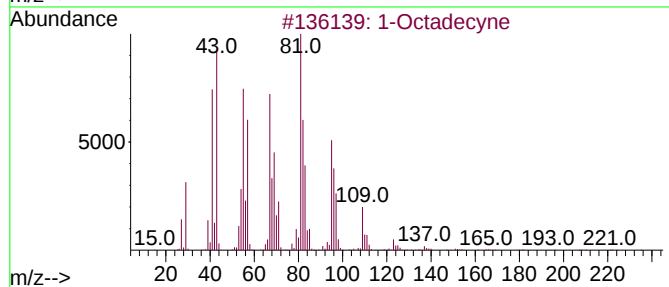
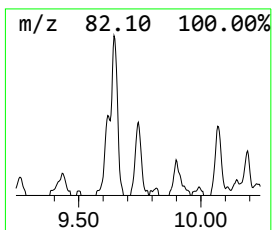
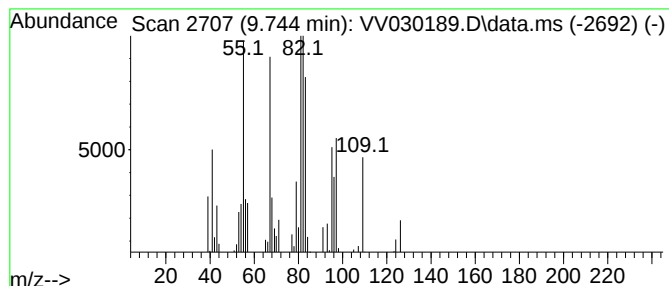
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 1-Octadecyne Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.744	0.84 ug/L	60820	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecyne			250	C18H34	000629-89-0	50
2	1-Octadecyne			250	C18H34	000629-89-0	49
3	1-Pentadecyne			208	C15H28	000765-13-9	47
4	1-Pentadecyne			208	C15H28	000765-13-9	47
5	1-Hexadecyne			222	C16H30	000629-74-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

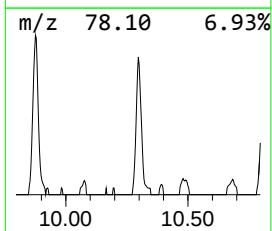
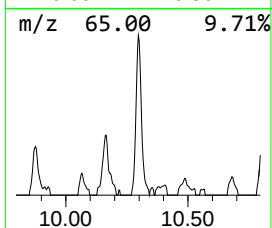
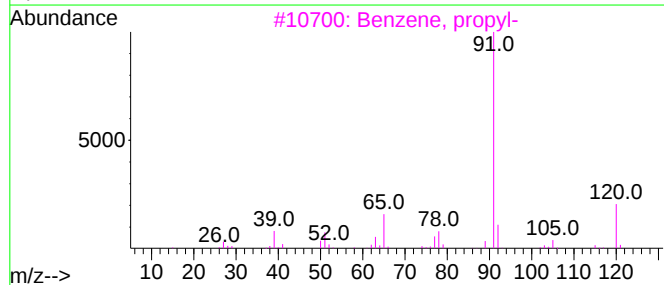
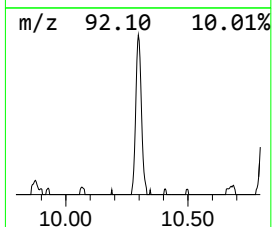
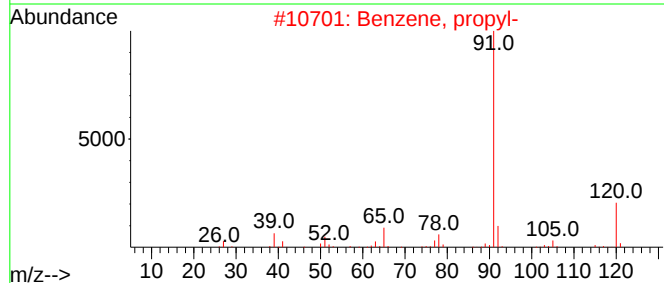
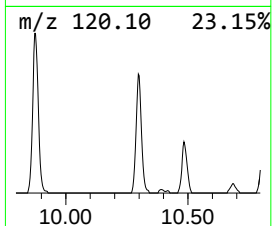
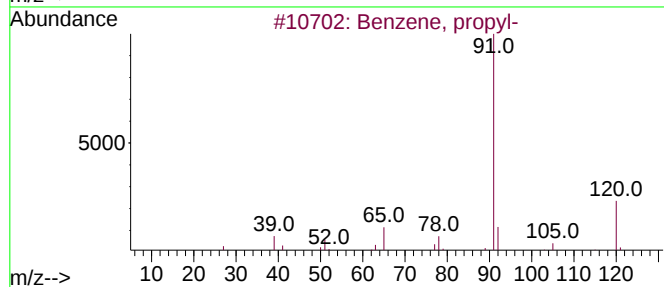
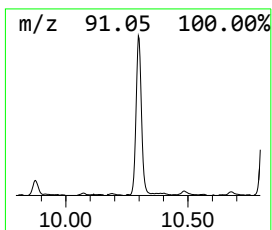
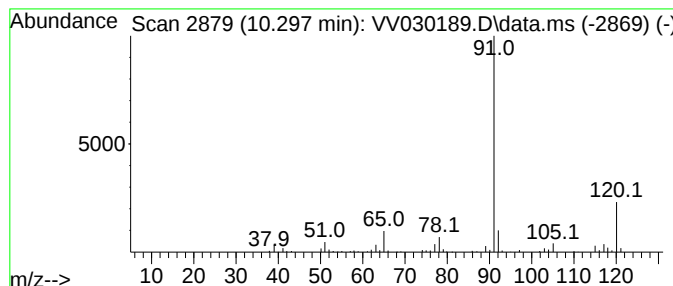
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.297	0.97 ug/L	115327	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	87
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	83
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

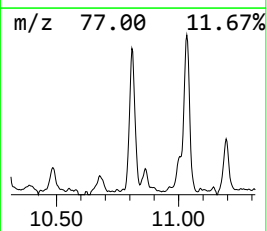
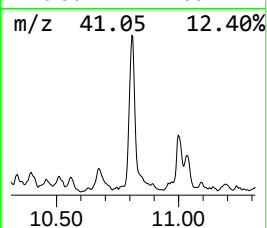
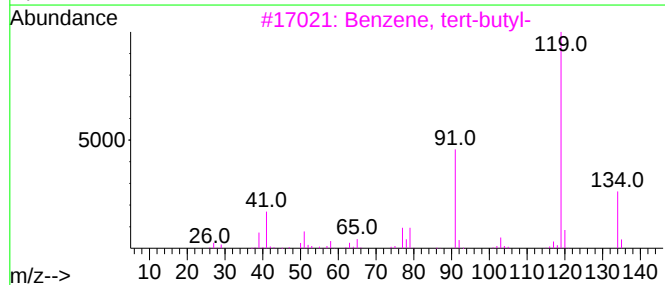
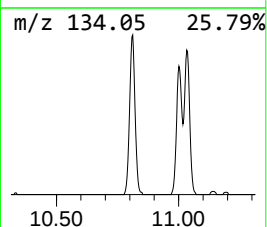
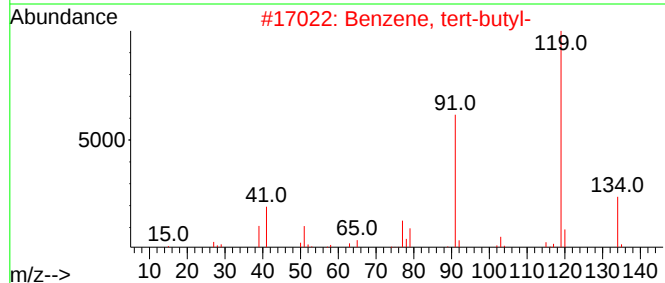
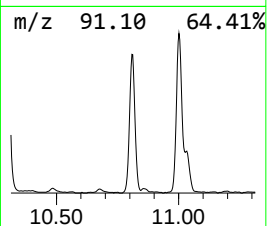
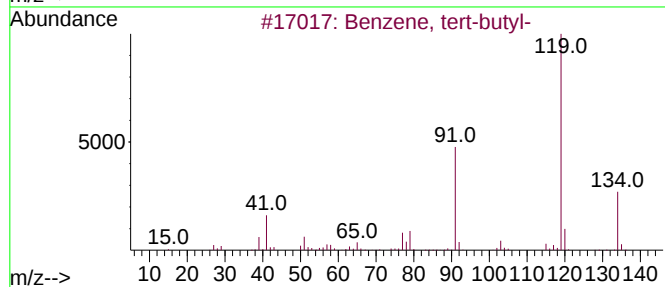
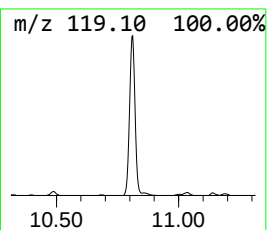
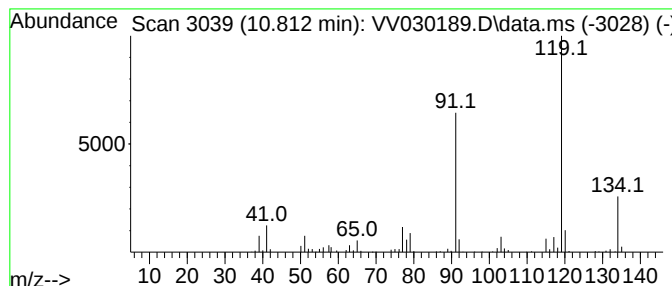
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.812	1.94 ug/L	230237	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, tert-butyl-	134	C10H14	000098-06-6	95
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	94
3			Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4			p-Cymene	134	C10H14	000099-87-6	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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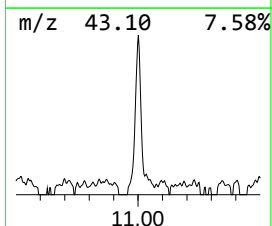
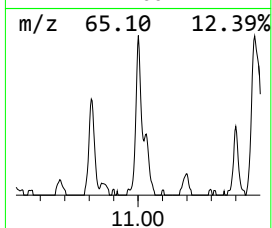
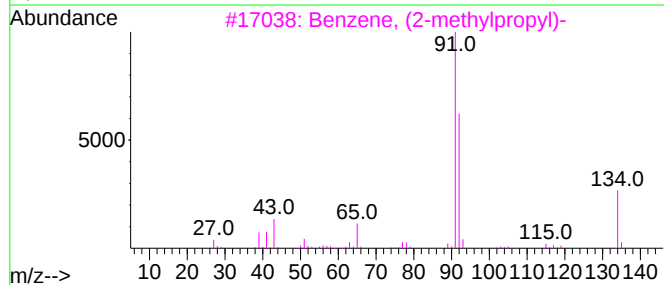
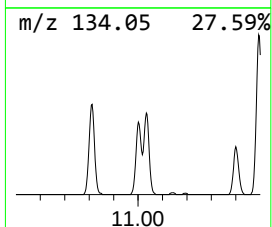
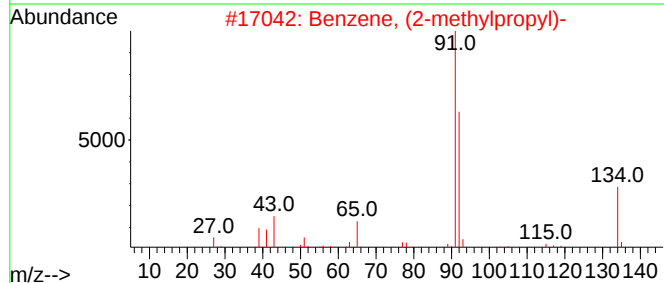
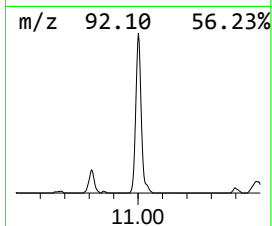
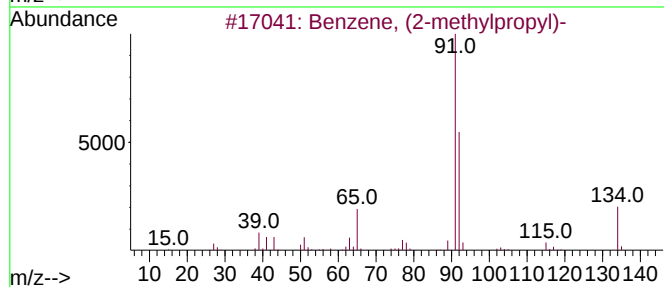
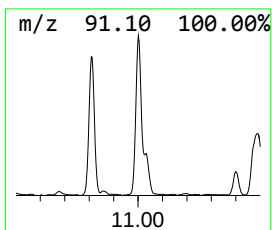
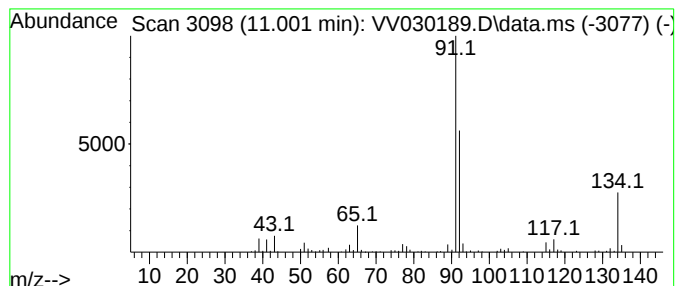
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.001	1.41 ug/L	167613	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
5			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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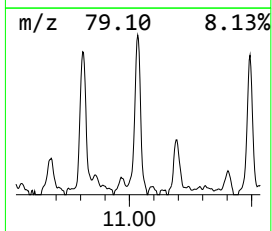
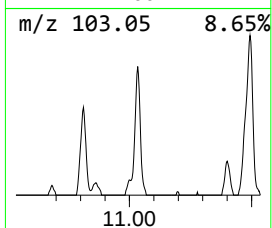
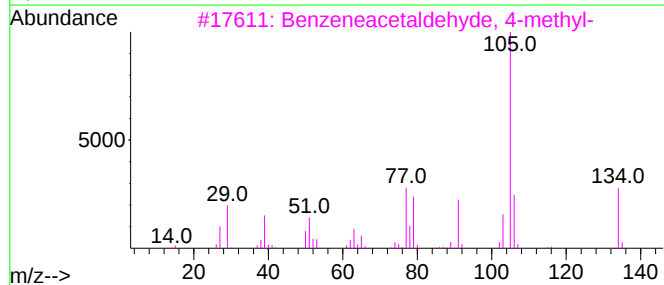
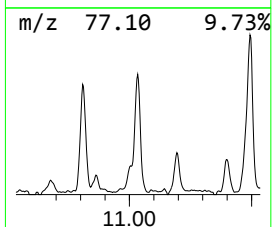
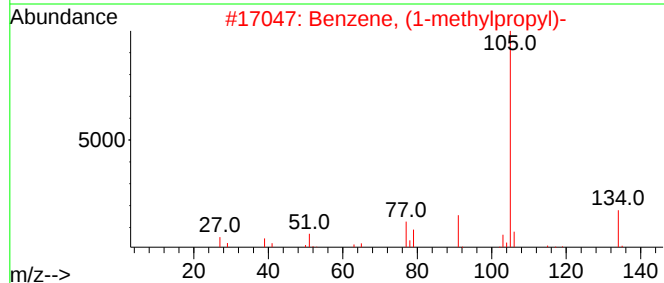
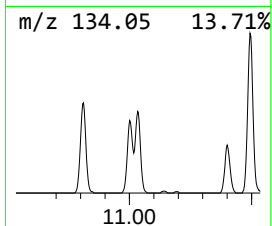
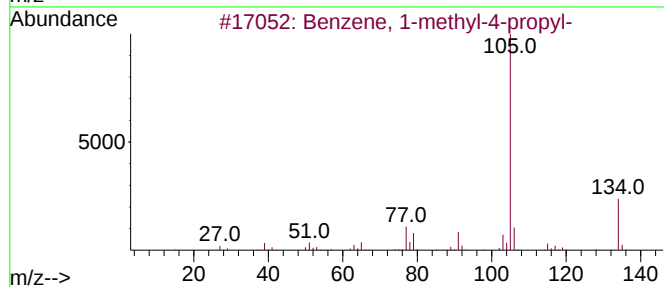
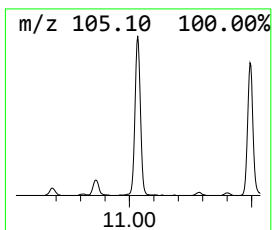
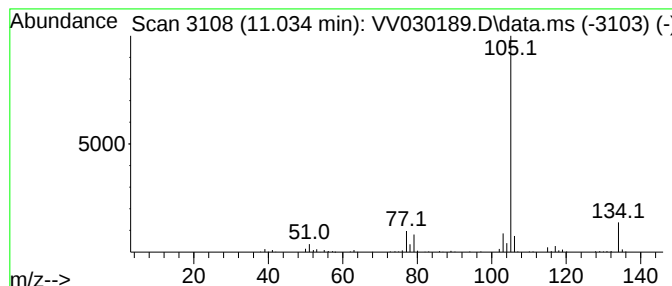
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.034	1.52 ug/L	180539	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

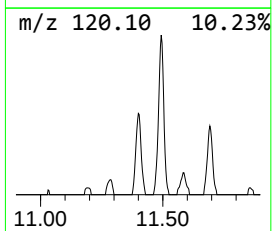
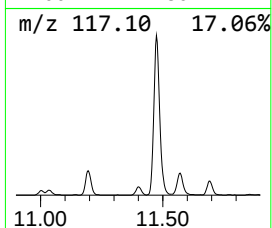
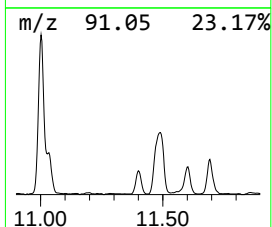
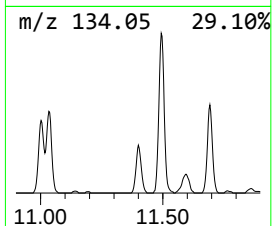
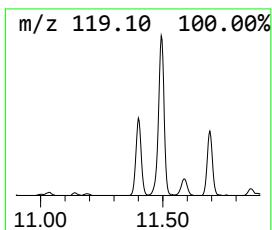
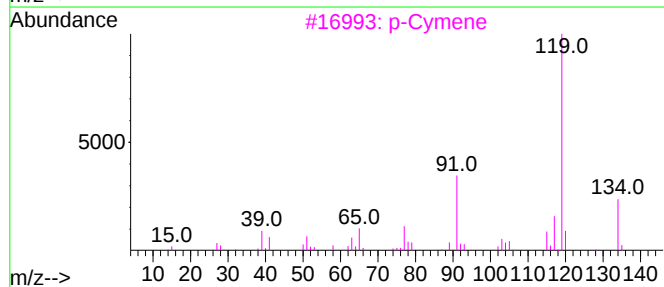
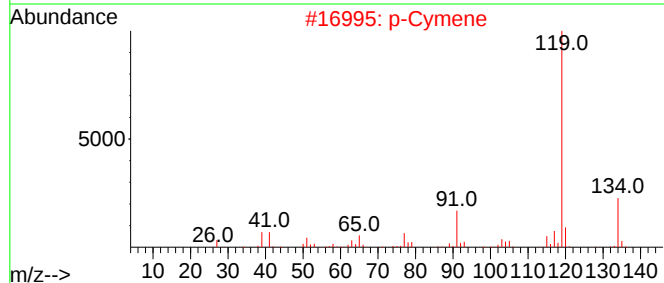
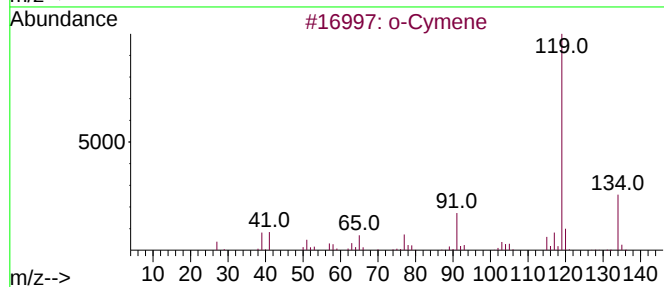
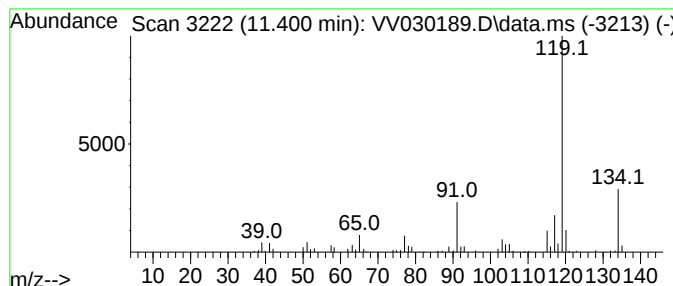
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	0.77 ug/L	91287	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	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

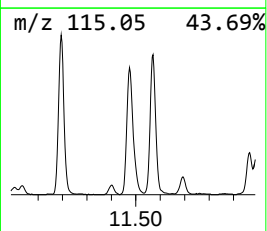
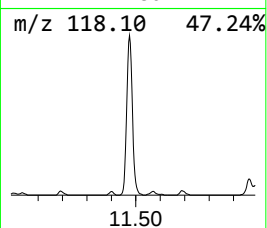
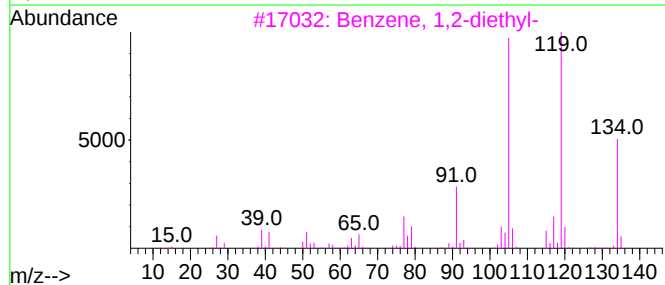
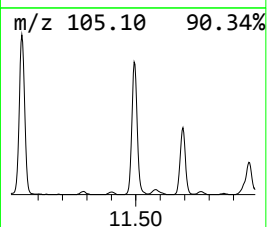
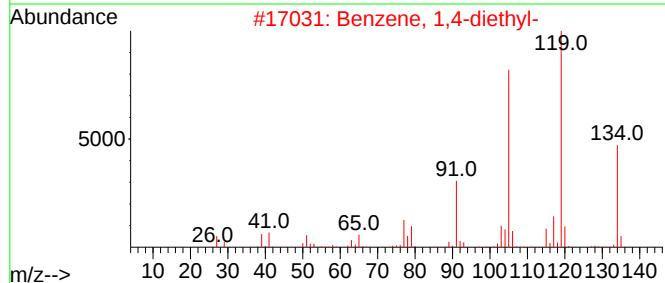
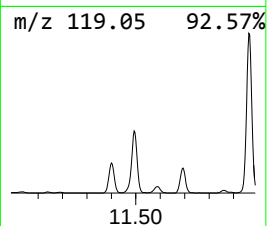
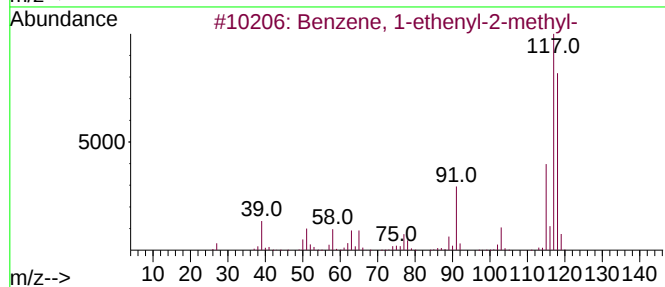
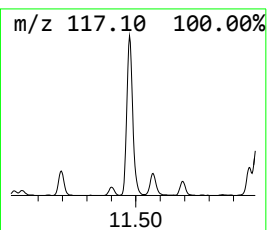
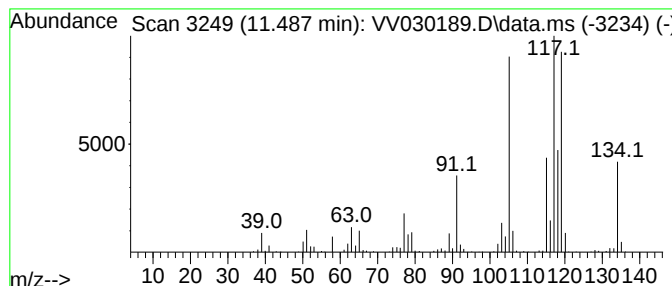
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	5.18 ug/L	615260	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

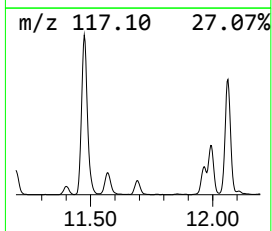
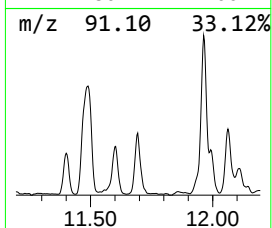
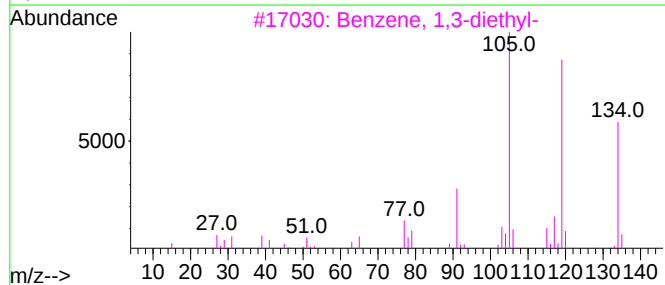
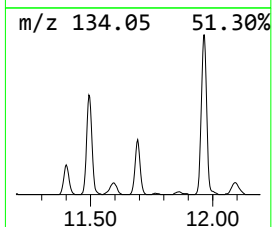
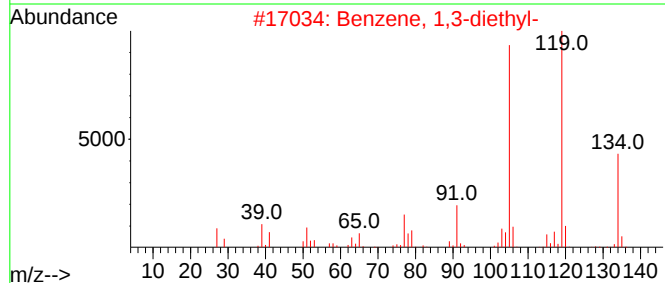
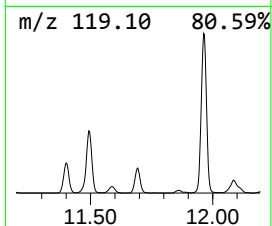
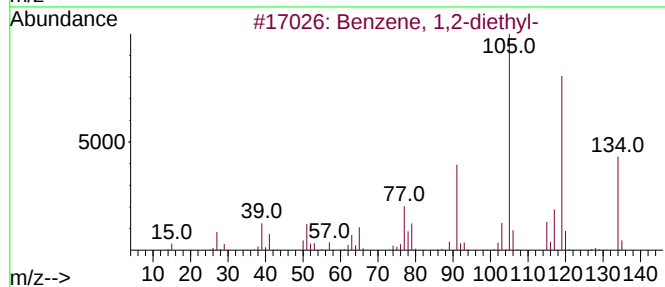
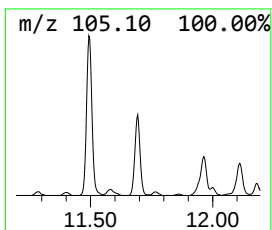
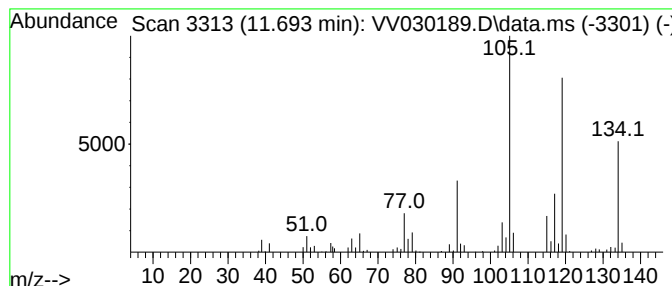
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	1.34 ug/L	159849	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	94
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

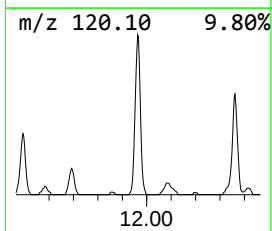
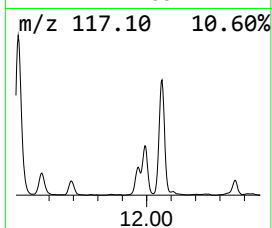
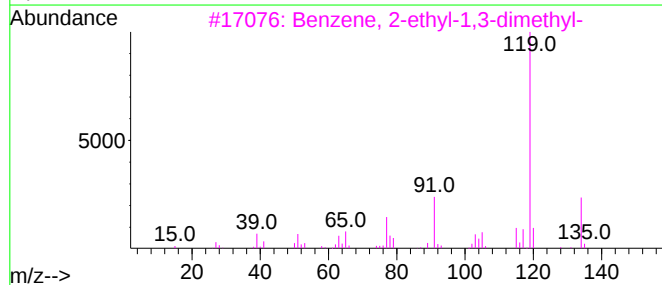
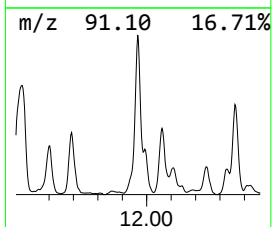
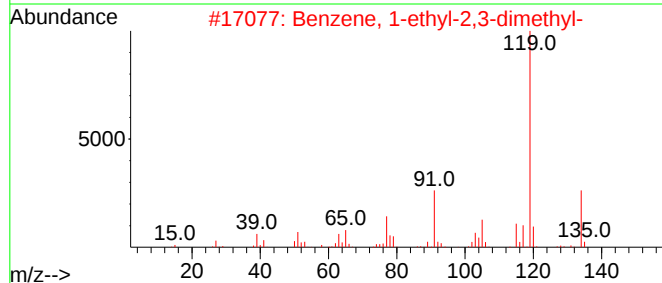
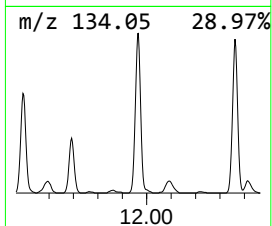
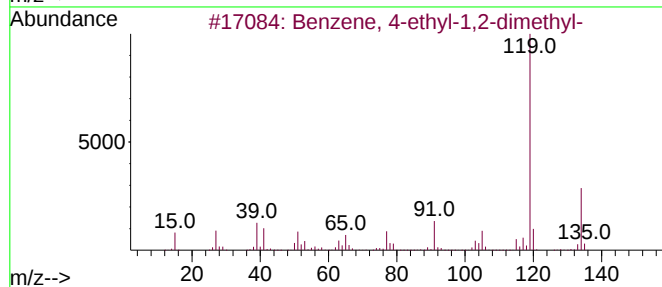
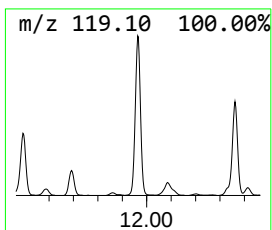
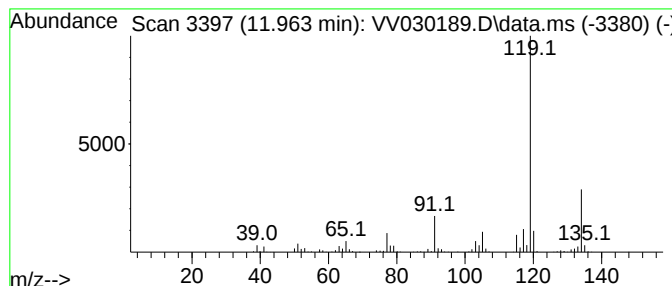
Instrument :
MSVOA_V
ClientSampleId :
CB908DL

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.963	4.07 ug/L	483510	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	95
4	o-Cymene		134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

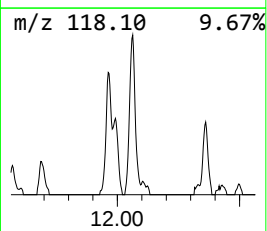
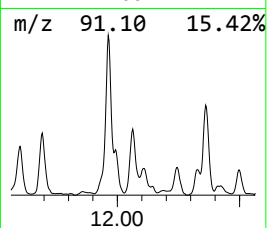
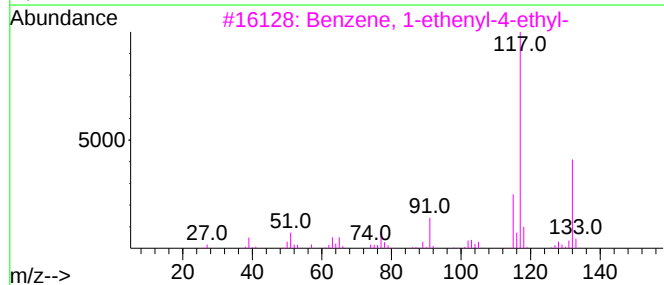
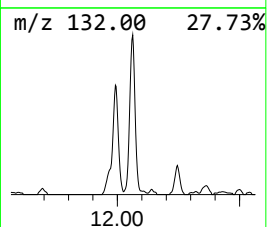
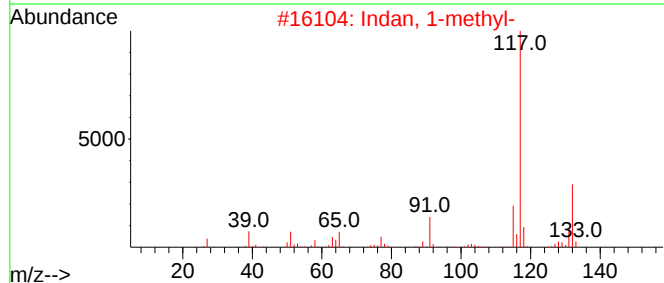
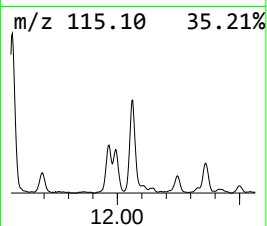
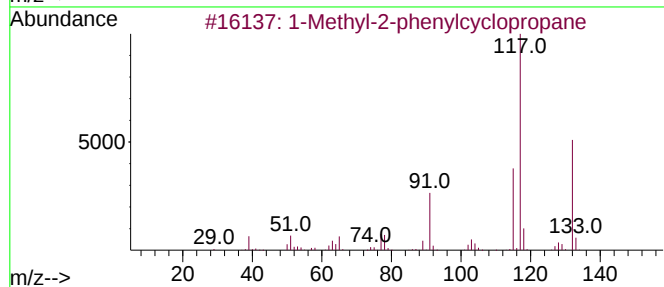
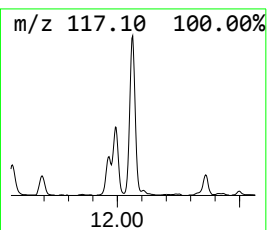
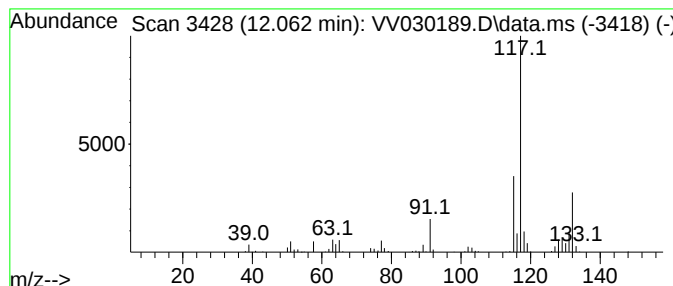
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 1-Methyl-2-phenylcyclopropane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.08 ug/L	247523	1,4-Dichlorobenzene-d4	11.194

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
2		Indan, 1-methyl-	132	C10H12	000767-58-8	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
5		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

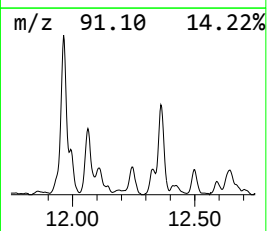
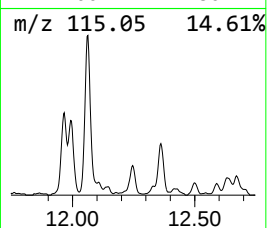
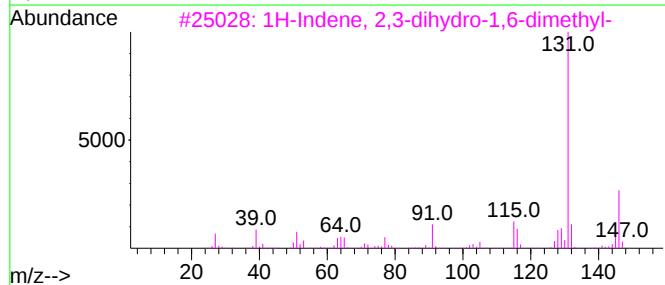
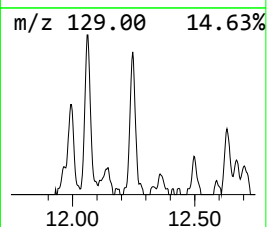
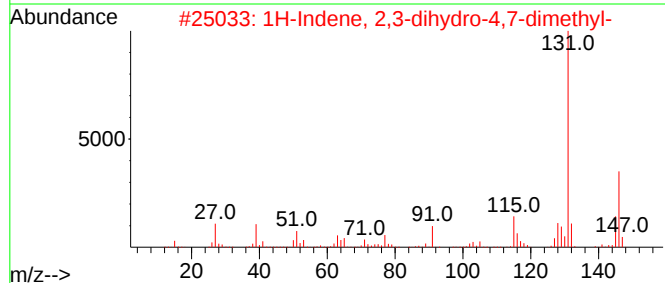
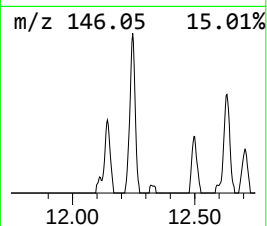
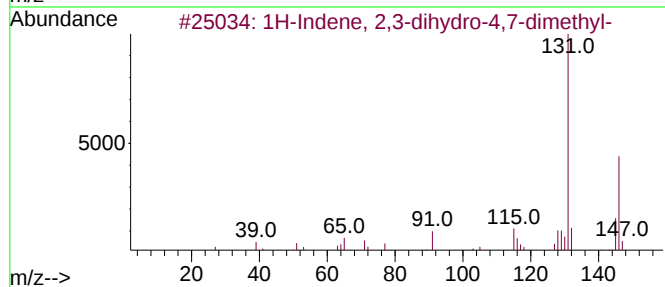
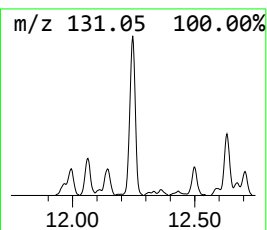
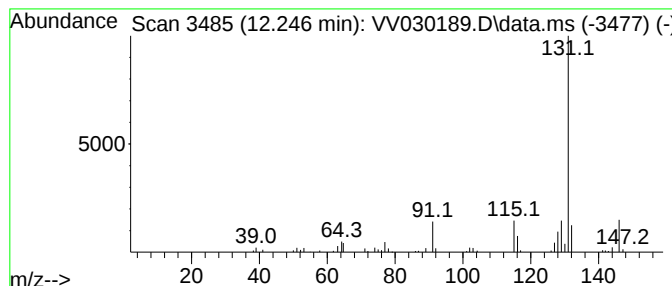
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	0.71 ug/L	83803	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	91
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

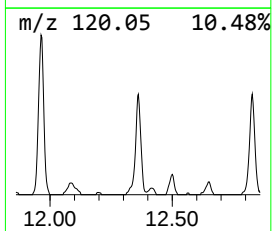
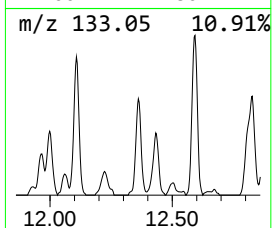
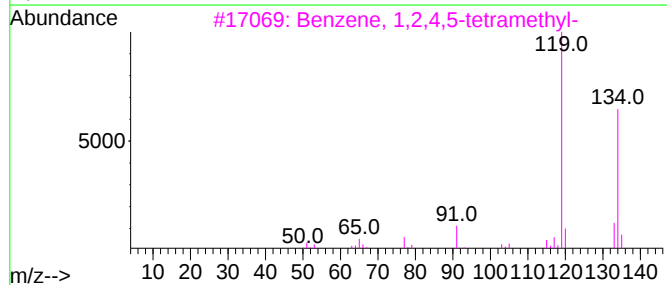
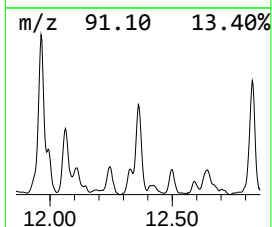
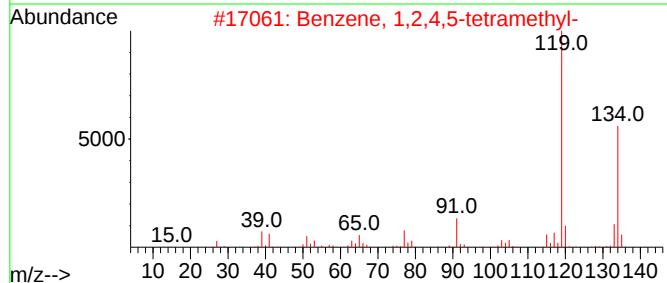
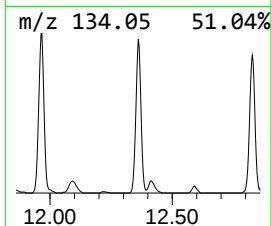
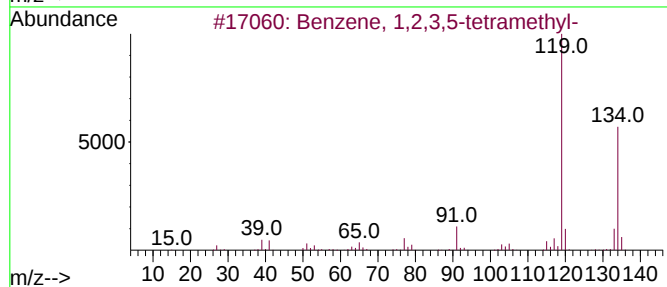
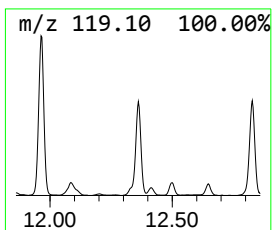
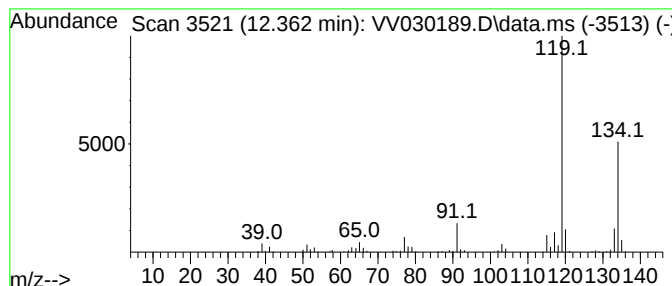
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	2.41 ug/L	286570	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

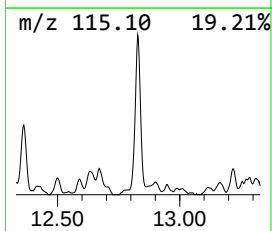
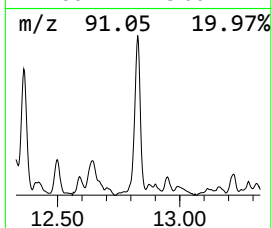
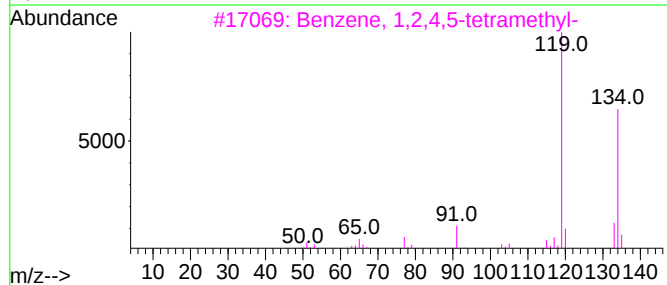
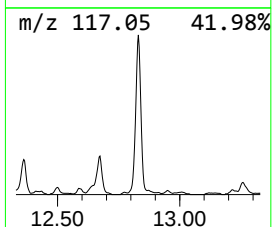
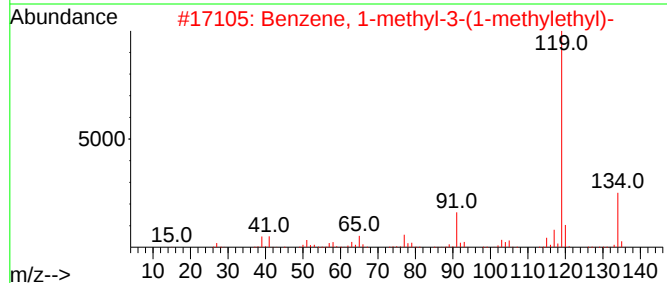
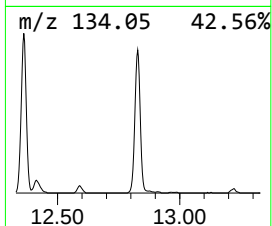
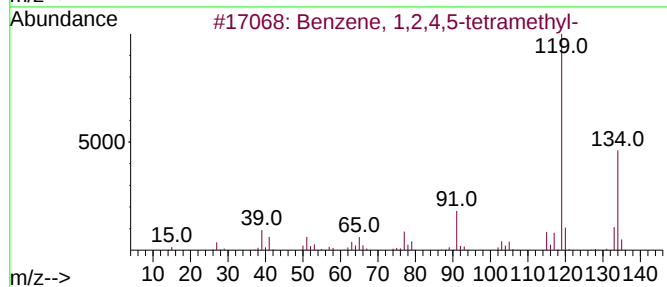
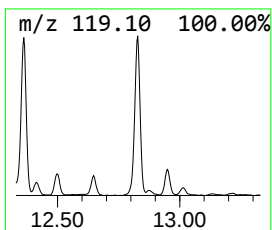
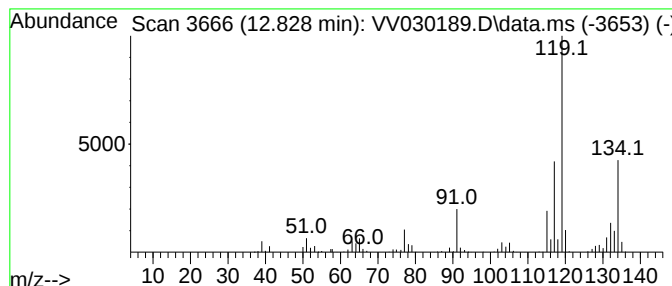
Instrument :
MSVOA_V
ClientSampleId :
CB908DL

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 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.828	3.26 ug/L	387867	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	91
2	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	64
3	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	64
4	p-Cymene		134	C10H14	000099-87-6	64
5	o-Cymene		134	C10H14	000527-84-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
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ALS Vial : 5 Sample Multiplier: 1

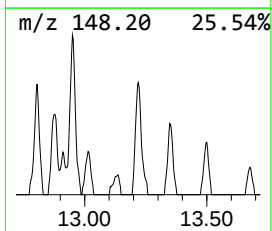
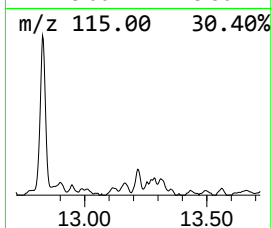
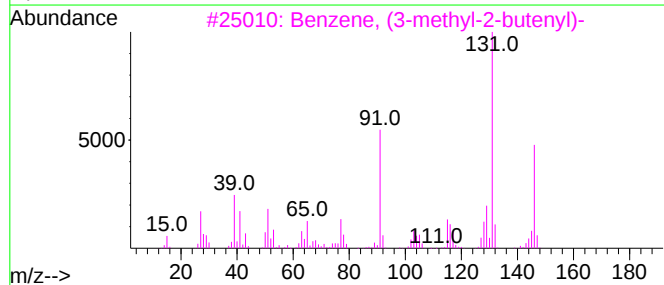
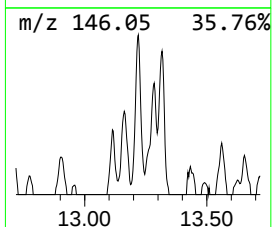
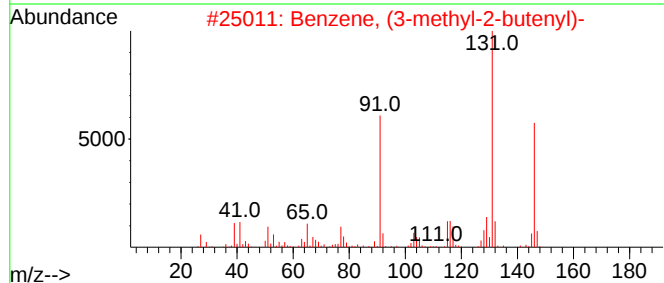
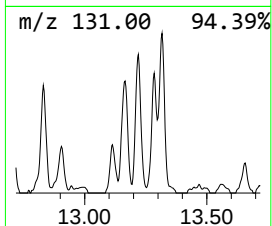
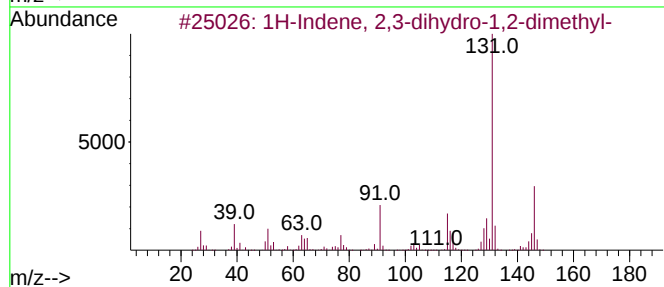
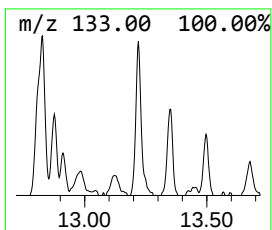
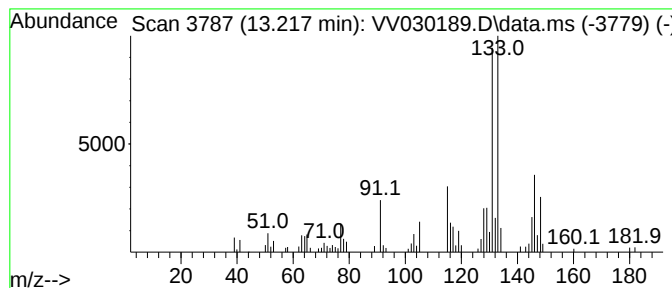
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MSVOA_V
ClientSampleId :
CB908DL

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 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.217	0.50 ug/L	59694	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...		146	C11H14	017057-82-8	55
2	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	50
3	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	49
4	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	45
5	6-Methyl-4-indanol		148	C10H12O	020294-32-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030189.D
Acq On : 14 Mar 2023 12:09
Operator : SY/MD
Sample : 01884-03DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB908DL

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...	9.098	0.5	ug/L	36823	2	8.793	362652	5.0
(DEL) Alkane: C...	9.423	1.3	ug/L	91937	2	8.793	362652	5.0
1H-Indene, octa...	9.648	0.8	ug/L	59143	2	8.793	362652	5.0
1-Octadecyne	9.744	0.8	ug/L	60820	2	8.793	362652	5.0
Benzene, propyl-	10.297	1.0	ug/L	115327	3	11.194	594316	5.0
Benzene, tert-b...	10.812	1.9	ug/L	230237	3	11.194	594316	5.0
Benzene, (2-met...	11.001	1.4	ug/L	167613	3	11.194	594316	5.0
Benzene, 1-meth...	11.034	1.5	ug/L	180539	3	11.194	594316	5.0
o-Cymene	11.400	0.8	ug/L	91287	3	11.194	594316	5.0
Benzene, 1-ethe...	11.487	5.2	ug/L	615260	3	11.194	594316	5.0
Benzene, 1,2-di...	11.693	1.3	ug/L	159849	3	11.194	594316	5.0
Benzene, 4-ethy...	11.963	4.1	ug/L	483510	3	11.194	594316	5.0
1-Methyl-2-phen...	12.063	2.1	ug/L	247523	3	11.194	594316	5.0
1H-Indene, 2,3-...	12.246	0.7	ug/L	83803	3	11.194	594316	5.0
Benzene, 1,2,3,...	12.361	2.4	ug/L	286570	3	11.194	594316	5.0
Benzene, 1,2,4,...	12.828	3.3	ug/L	387867	3	11.194	594316	5.0
1H-Indene, 2,3-...	13.217	0.5	ug/L	59694	3	11.194	594316	5.0