

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV030364.D
 Acq On : 30 Mar 2023 17:08
 Operator : SY/MD
 Sample : 02122-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB9A0

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\SFAMVTR032323WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV030364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	11	15	17	rBV	18580	15891	3.14%	0.225%
2	1.114	17	23	43	rVB	254960	313588	61.87%	4.438%
3	1.278	66	74	86	rVB2	71804	113606	22.41%	1.608%
4	1.388	101	108	119	rVB	67658	78240	15.44%	1.107%
5	1.439	120	124	133	rVB	9072	11455	2.26%	0.162%
6	1.536	148	154	167	rVB	51344	65087	12.84%	0.921%
7	1.600	171	174	182	rVB8	5161	5175	1.02%	0.073%
8	1.773	223	228	236	rVB7	5457	7214	1.42%	0.102%
9	1.909	266	270	283	rVB3	10069	15326	3.02%	0.217%
10	2.063	309	318	332	rBV	96912	140115	27.64%	1.983%
11	2.706	506	518	531	rVB10	4539	11689	2.31%	0.165%
12	3.217	662	677	695	rBV2	119328	285089	56.24%	4.035%
13	3.822	849	865	903	rBV2	66046	282771	55.79%	4.002%
14	4.259	984	1001	1023	rBV2	91154	243935	48.12%	3.452%
15	4.593	1092	1105	1119	rVB2	8138	20443	4.03%	0.289%
16	4.966	1205	1221	1247	rBV2	178163	480613	94.82%	6.802%
17	5.542	1388	1400	1419	rBV	142141	296859	58.57%	4.201%
18	5.998	1525	1542	1559	rBV	114221	250705	49.46%	3.548%
19	6.921	1818	1829	1846	rBV2	48381	97203	19.18%	1.376%
20	7.252	1920	1932	1950	rBV	193892	352366	69.52%	4.987%
21	7.564	2019	2029	2044	rBV2	30209	57294	11.30%	0.811%
22	7.876	2115	2126	2144	rBV3	11904	24018	4.74%	0.340%
23	8.034	2165	2175	2206	rBV	236264	491392	96.94%	6.954%
24	8.172	2209	2218	2244	rVB8	17392	55166	10.88%	0.781%
25	8.793	2399	2411	2416	rBV	229591	371699	73.33%	5.260%
26	9.011	2471	2479	2485	rBV3	5813	9436	1.86%	0.134%
27	9.079	2485	2500	2513	rVB7	22591	48151	9.50%	0.681%
28	9.410	2588	2603	2607	rBV7	6145	13100	2.58%	0.185%
29	9.487	2619	2627	2642	rVB2	15507	27880	5.50%	0.395%
30	9.747	2699	2708	2712	rBV9	6018	9561	1.89%	0.135%
31	9.876	2737	2748	2760	rBV	58026	96092	18.96%	1.360%
32	9.953	2765	2772	2778	rVB	3812	6454	1.27%	0.091%
33	10.085	2803	2813	2818	rBV10	10489	18997	3.75%	0.269%
34	10.127	2818	2826	2830	rVV2	28883	46386	9.15%	0.656%
35	10.162	2830	2837	2850	rVB	96668	147529	29.10%	2.088%
36	10.300	2872	2880	2885	rBV	3754	5809	1.15%	0.082%

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Stop Thrs : 0

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 Title : TRACE VOA SFAM1.0

37	10.339	2885	2892	2900	rVV5	9371	15320	3.02%	0.217%
38	10.391	2904	2908	2913	rBV6	4983	5241	1.03%	0.074%
39	10.509	2931	2945	2958	rVB6	15402	41311	8.15%	0.585%
40	10.683	2991	2999	3006	rBV2	19610	32396	6.39%	0.458%
41	10.809	3023	3038	3047	rBV2	24331	43647	8.61%	0.618%
42	11.001	3091	3098	3102	rVV	12458	18621	3.67%	0.264%
43	11.037	3102	3109	3117	rVB3	24138	36788	7.26%	0.521%
44	11.133	3126	3139	3147	rBV6	14457	29001	5.72%	0.410%
45	11.194	3147	3158	3179	rVB	259041	455769	89.92%	6.450%
46	11.284	3180	3186	3193	rVB5	4390	6394	1.26%	0.090%
47	11.352	3194	3207	3215	rBV10	17207	37235	7.35%	0.527%
48	11.400	3215	3222	3230	rVV	23429	32936	6.50%	0.466%
49	11.474	3234	3245	3261	rVV	286320	506887	100.00%	7.174%
50	11.571	3264	3275	3291	rVB	259776	437812	86.37%	6.196%
51	11.693	3304	3313	3321	rBV3	26824	40314	7.95%	0.571%
52	11.963	3389	3397	3403	rBV	34259	51867	10.23%	0.734%
53	12.062	3414	3428	3437	rBV2	42737	77547	15.30%	1.097%
54	12.243	3478	3484	3494	rVB3	12102	16654	3.29%	0.236%
55	12.361	3514	3521	3529	rVB	54733	78521	15.49%	1.111%
56	12.413	3531	3537	3548	rBV	6784	12863	2.54%	0.182%
57	12.497	3558	3563	3571	rVB	8912	11759	2.32%	0.166%
58	12.616	3588	3600	3610	rBV10	20078	42677	8.42%	0.604%
59	12.670	3611	3617	3628	rVB	19487	29786	5.88%	0.422%
60	12.828	3653	3666	3677	rBV2	67487	116088	22.90%	1.643%
61	12.998	3710	3719	3728	rBV2	7569	15982	3.15%	0.226%
62	13.059	3731	3738	3743	rBV10	5753	8007	1.58%	0.113%
63	13.165	3764	3771	3777	rVB4	10532	15789	3.11%	0.223%
64	13.217	3780	3787	3795	rBV7	11072	17620	3.48%	0.249%
65	13.281	3800	3807	3813	rVV8	6536	10014	1.98%	0.142%
66	13.448	3848	3859	3866	rBV	20450	36939	7.29%	0.523%
67	13.490	3867	3872	3884	rVB6	10101	16156	3.19%	0.229%
68	13.615	3903	3911	3916	rBV3	11552	19216	3.79%	0.272%
69	13.712	3936	3941	3950	rVB10	8402	12929	2.55%	0.183%
70	13.863	3978	3988	3998	rBV10	9385	19005	3.75%	0.269%
71	14.040	4035	4043	4045	rBV7	7939	10831	2.14%	0.153%
72	14.178	4079	4086	4091	rBV9	5189	6922	1.37%	0.098%
73	14.239	4099	4105	4114	rVB8	8158	11600	2.29%	0.164%
74	14.381	4140	4149	4159	rBV8	6357	12757	2.52%	0.181%
75	14.519	4185	4192	4199	rVB8	7087	10768	2.12%	0.152%
76	14.628	4221	4226	4235	rVB10	9235	14743	2.91%	0.209%

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Integrator: RTE
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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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Title : TRACE VOA SFAM1.0

77	14.763	4260	4268	4278	rBV7	13371	25243	4.98%	0.357%
78	15.287	4424	4431	4438	rBV7	3545	5692	1.12%	0.081%
79	15.619	4525	4534	4541	rBV7	6752	12057	2.38%	0.171%
80	15.757	4571	4577	4585	rBV7	8373	12073	2.38%	0.171%
81	16.127	4687	4692	4698	rBV7	4230	6133	1.21%	0.087%
82	16.262	4730	4734	4743	rVB3	7706	10645	2.10%	0.151%
83	16.403	4766	4778	4781	rBV2	15012	23824	4.70%	0.337%
84	16.432	4781	4787	4796	rVB	24155	37337	7.37%	0.528%

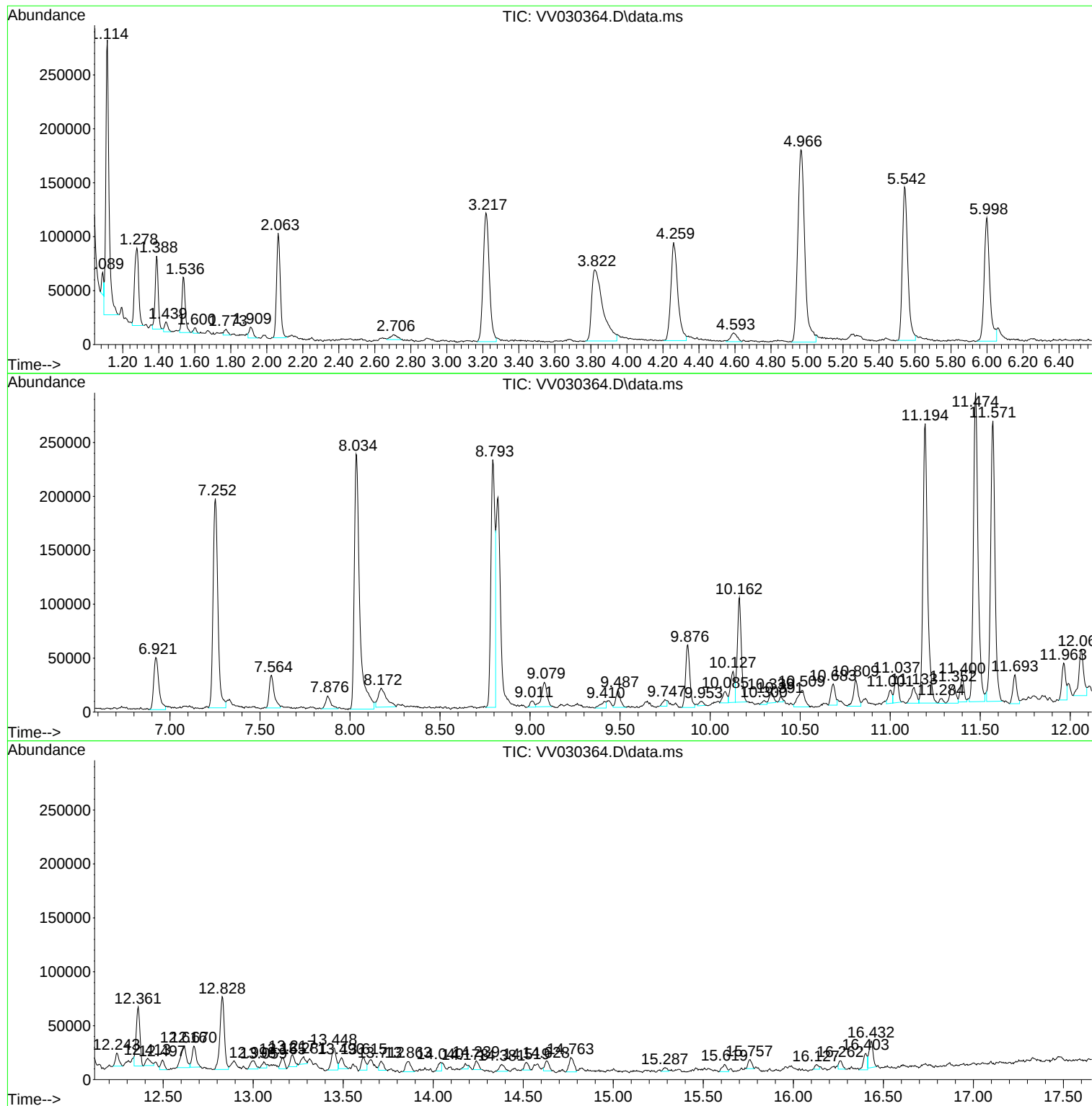
Sum of corrected areas: 7066050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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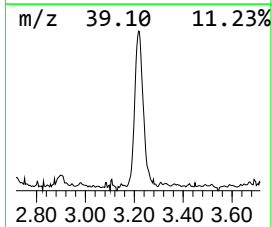
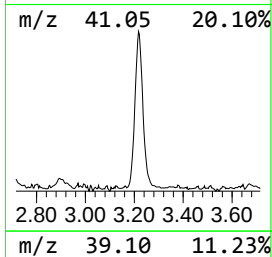
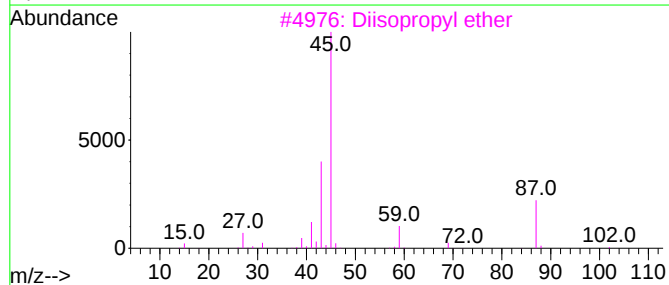
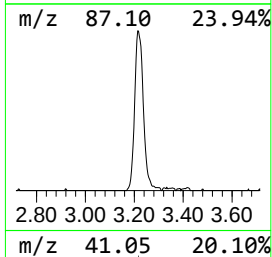
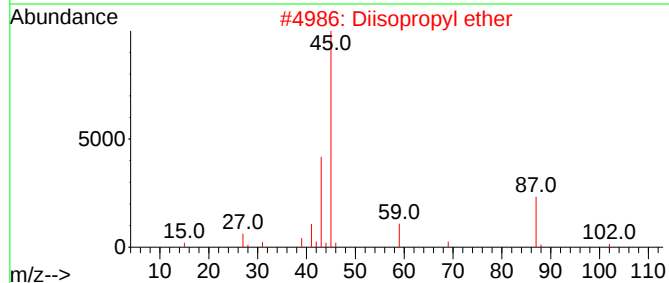
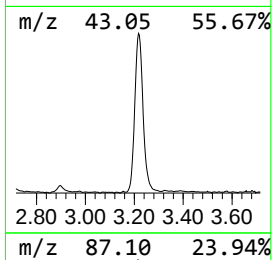
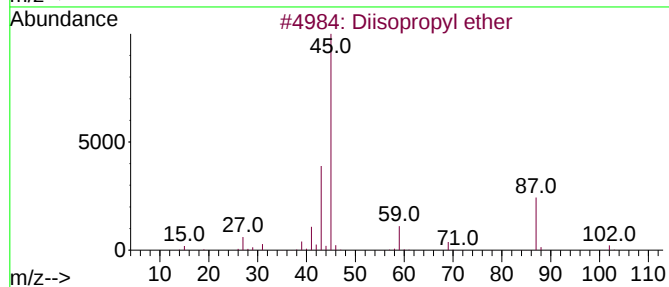
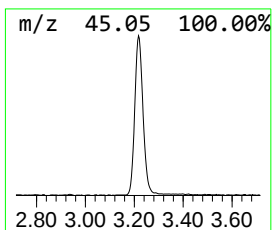
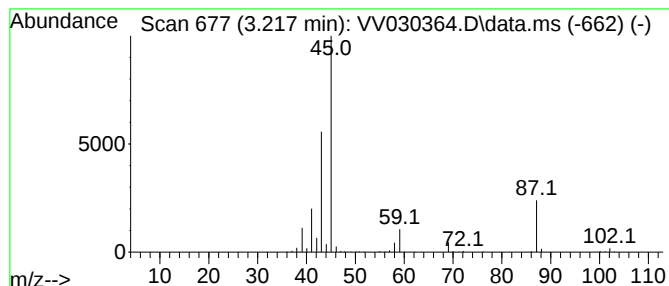
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	4.80 ug/L	285089	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	86
2			Diisopropyl ether	102	C6H14O	000108-20-3	86
3			Diisopropyl ether	102	C6H14O	000108-20-3	78
4			Diisopropyl ether	102	C6H14O	000108-20-3	78
5			Diisopropyl ether	102	C6H14O	000108-20-3	56



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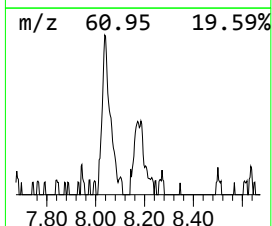
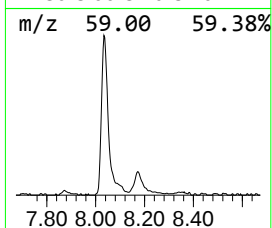
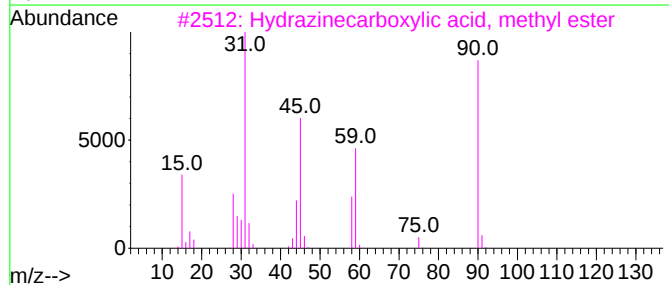
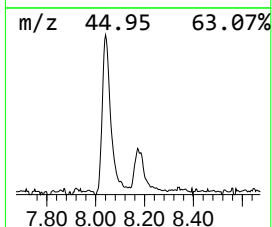
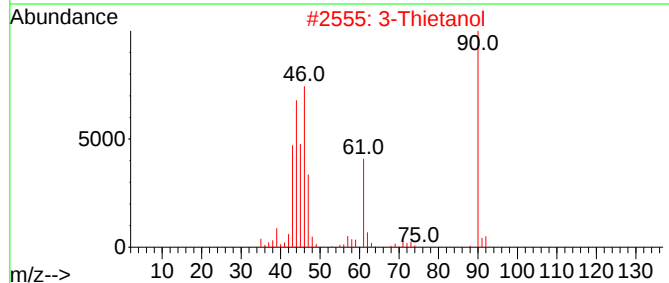
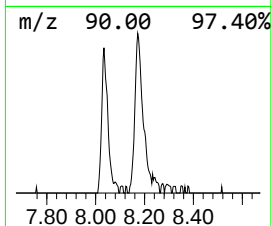
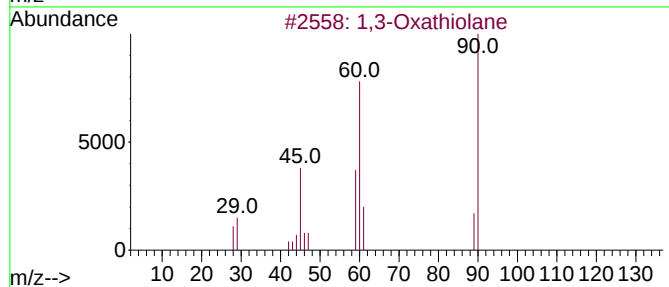
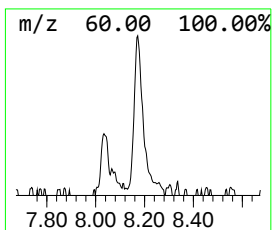
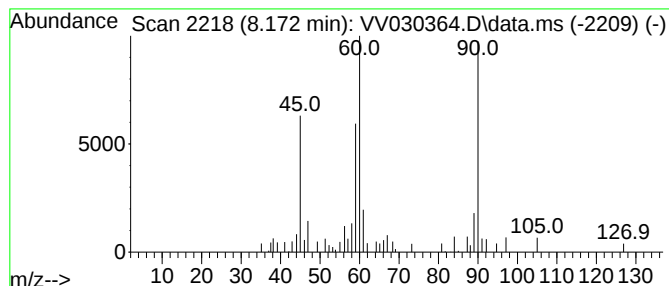
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 1,3-Oxathiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.172	0.74 ug/L	55166	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Oxathiolane	90	C3H6OS	002094-97-5	86
2			3-Thietanol	90	C3H6OS	010304-16-2	50
3			Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45
4			Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	40
5			1,3-Oxathiolane	90	C3H6OS	002094-97-5	38



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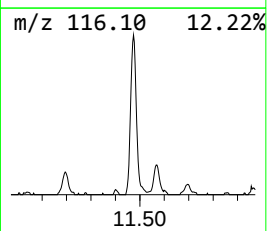
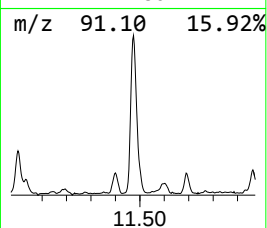
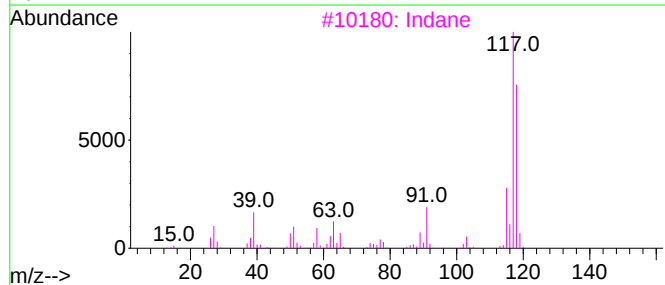
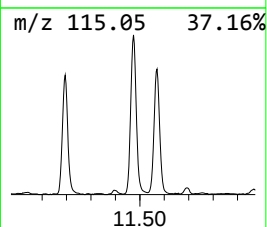
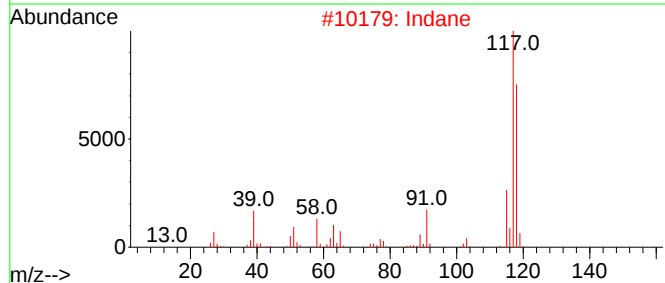
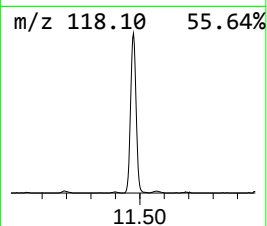
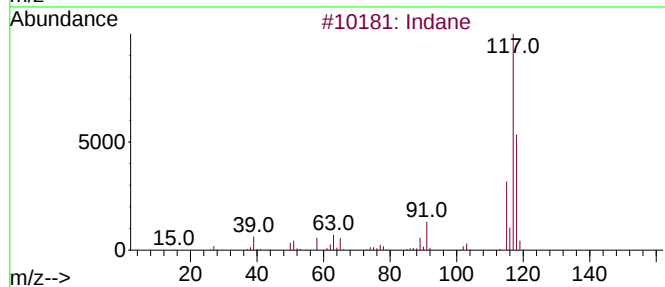
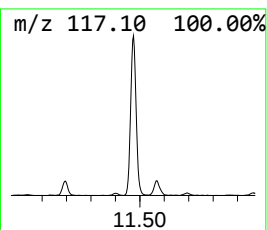
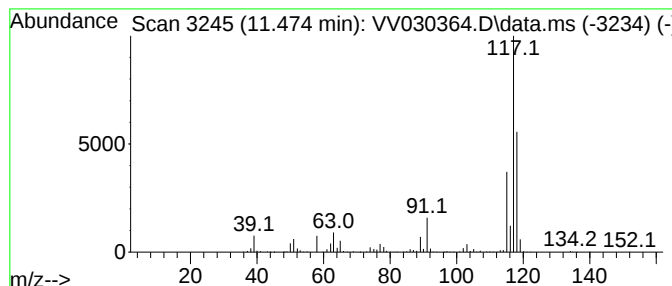
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.474	5.56 ug/L	506887	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	95
2	Indane			118	C9H10	000496-11-7	93
3	Indane			118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-4-methyl-			118	C9H10	000622-97-9	83
5	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	81



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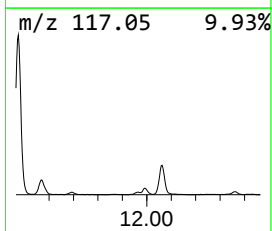
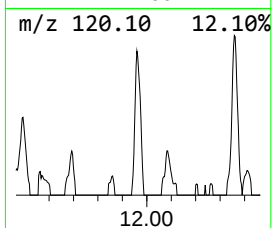
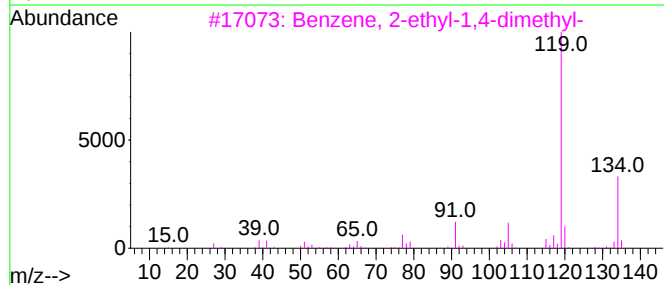
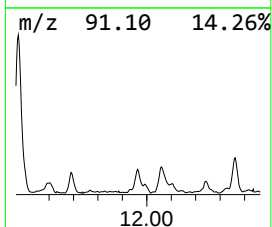
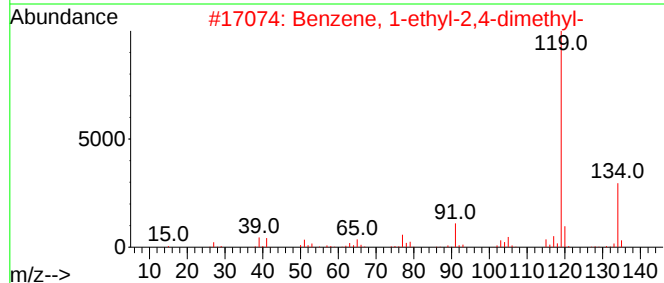
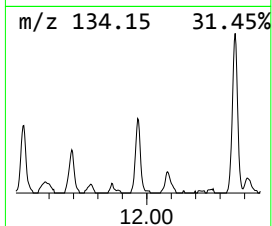
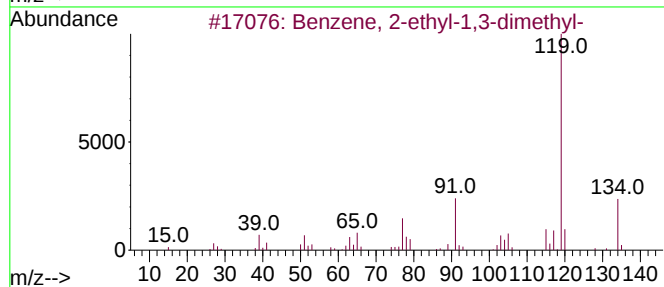
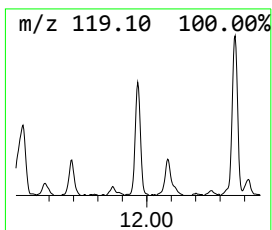
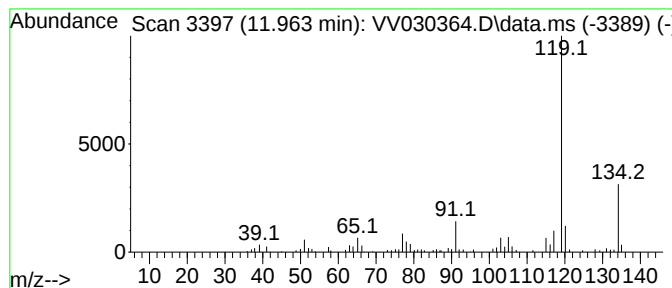
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	0.57 ug/L	51867	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030364.D
Acq On : 30 Mar 2023 17:08
Operator : SY/MD
Sample : 02122-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB9A0

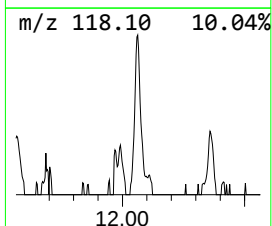
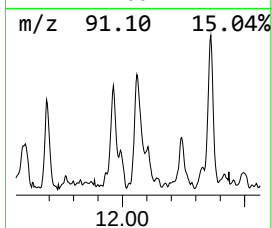
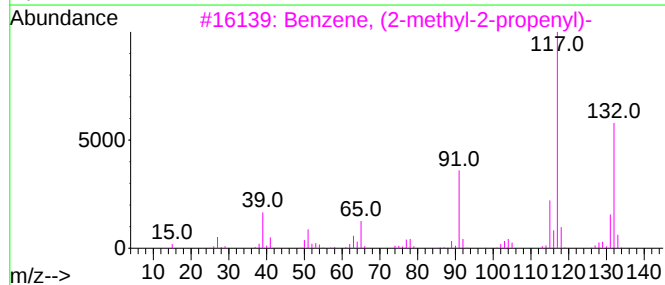
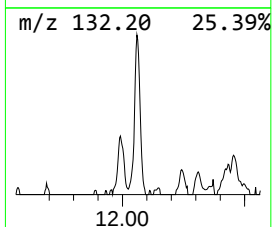
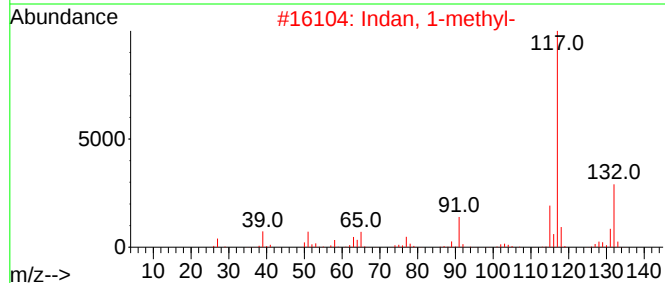
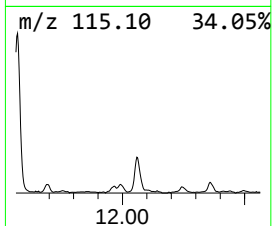
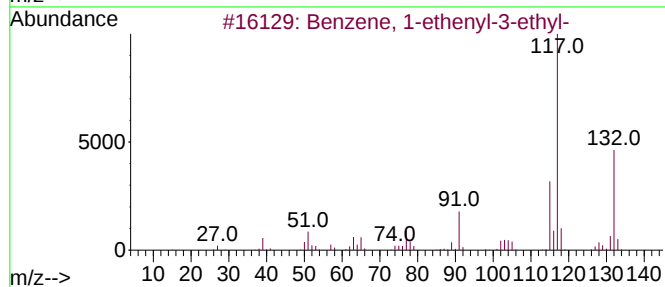
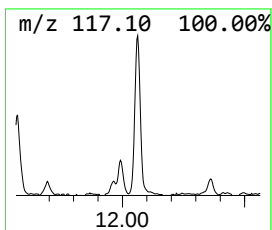
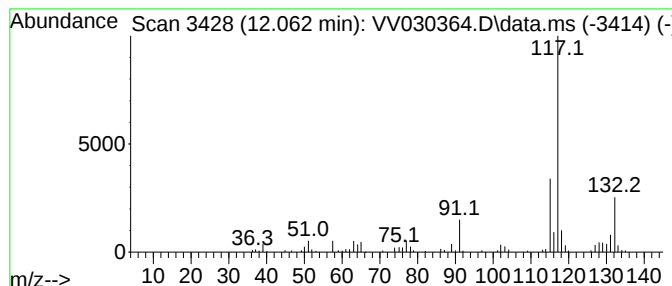
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	0.85 ug/L	77547	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030364.D
Acq On : 30 Mar 2023 17:08
Operator : SY/MD
Sample : 02122-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB9A0

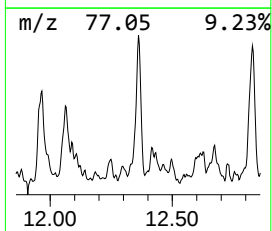
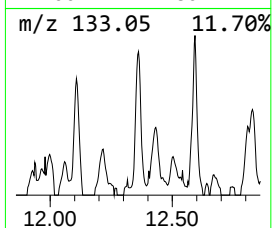
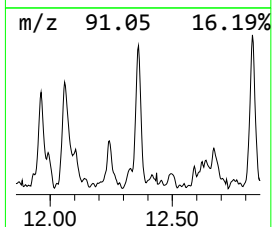
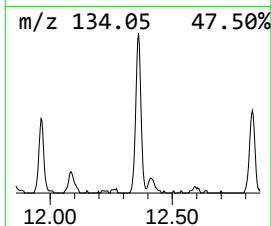
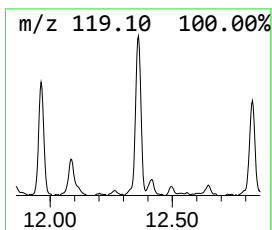
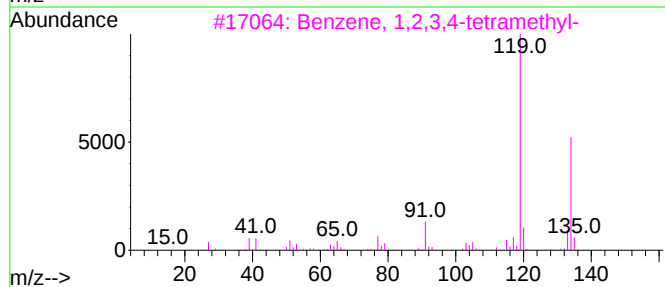
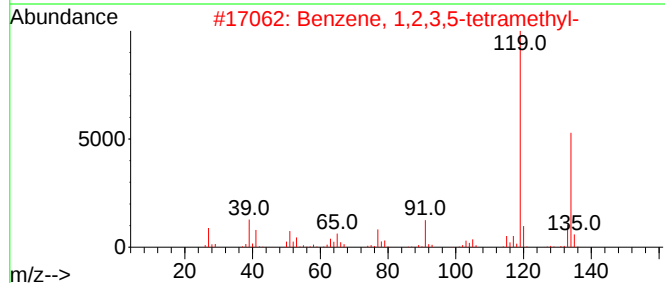
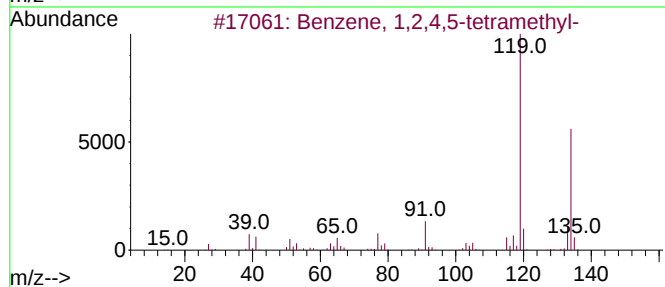
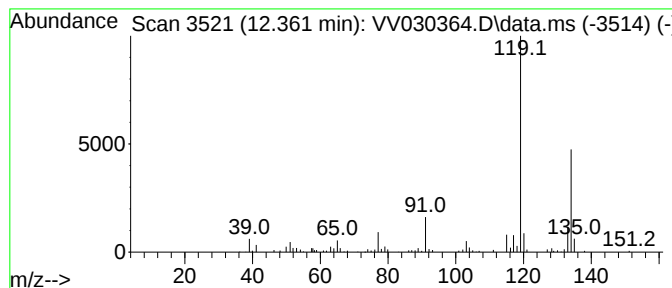
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	0.86 ug/L	78521	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	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030364.D
Acq On : 30 Mar 2023 17:08
Operator : SY/MD
Sample : 02122-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB9A0

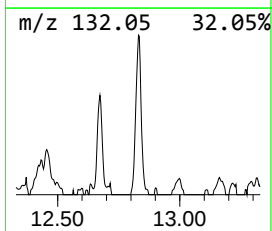
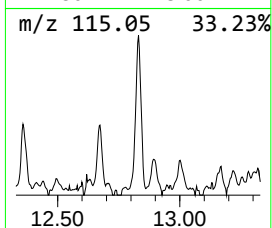
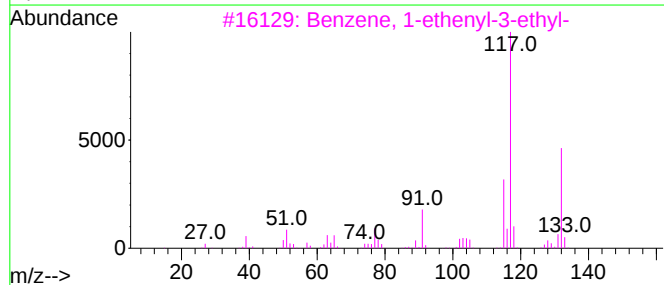
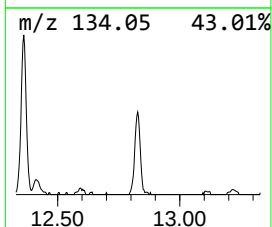
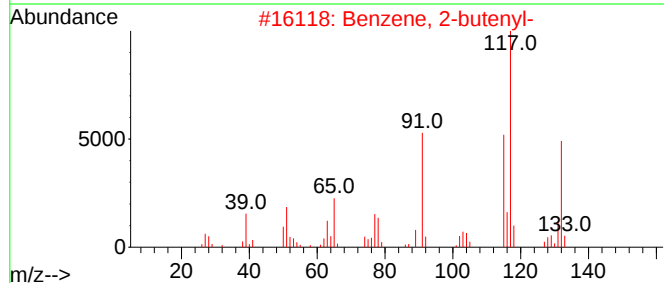
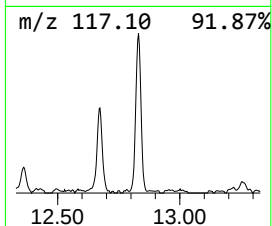
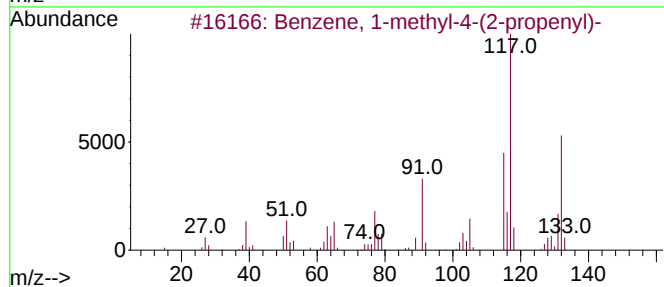
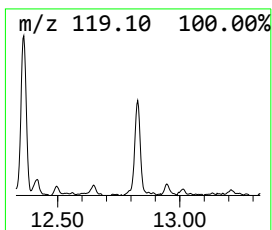
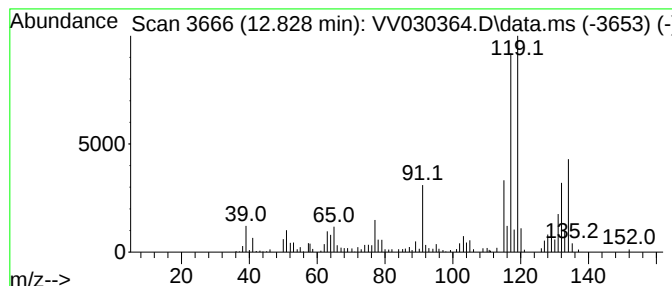
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	1.27 ug/L	116088	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030364.D
Acq On : 30 Mar 2023 17:08
Operator : SY/MD
Sample : 02122-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB9A0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.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
Diisopropyl ether	3.217	4.8	ug/L	285089	1	5.542	296859	5.0
1,3-Oxathiolane	8.172	0.7	ug/L	55166	2	8.793	371699	5.0
Indane	11.474	5.6	ug/L	506887	3	11.194	455769	5.0
Benzene, 2-ethy...	11.963	0.6	ug/L	51867	3	11.194	455769	5.0
Benzene, 1-ethe...	12.063	0.8	ug/L	77547	3	11.194	455769	5.0
Benzene, 1,2,4,...	12.361	0.9	ug/L	78521	3	11.194	455769	5.0
Benzene, 1-meth...	12.828	1.3	ug/L	116088	3	11.194	455769	5.0