

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
 Data File : VV023721.D
 Acq On : 26 Nov 2021 13:25
 Operator : SY/MD
 Sample : M4821-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4671

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\SFAMVTR112321WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV023721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	14	21	35	rVB2	259656	261730	42.26%	2.113%
2	1.172	36	41	48	rVB	20912	19594	3.16%	0.158%
3	1.214	49	54	70	rVB3	11110	13394	2.16%	0.108%
4	1.304	71	82	91	rBV3	171584	279144	45.07%	2.253%
5	1.352	93	97	103	rVB	22687	21170	3.42%	0.171%
6	1.394	103	110	111	rBV2	23212	22565	3.64%	0.182%
7	1.410	111	115	125	rVB	46026	51846	8.37%	0.418%
8	1.542	144	156	158	rBV	42420	47756	7.71%	0.385%
9	1.561	158	162	174	rVV2	68488	88121	14.23%	0.711%
10	1.761	216	224	231	rBV	22751	30271	4.89%	0.244%
11	1.812	231	240	252	rVB3	26588	45354	7.32%	0.366%
12	1.896	258	266	274	rBV2	16390	21294	3.44%	0.172%
13	1.976	285	291	298	rVB3	19461	24656	3.98%	0.199%
14	2.027	298	307	316	rBV3	25143	41846	6.76%	0.338%
15	2.105	321	331	346	rVB	132175	191200	30.87%	1.543%
16	2.207	352	363	374	rBV6	7275	17449	2.82%	0.141%
17	2.288	379	388	401	rVB	25237	37864	6.11%	0.306%
18	2.471	425	445	451	rBV3	24873	57386	9.27%	0.463%
19	2.503	451	455	468	rVV2	19931	31185	5.04%	0.252%
20	2.757	521	534	552	rVB	21790	43965	7.10%	0.355%
21	2.957	579	596	611	rBV7	10225	29070	4.69%	0.235%
22	3.188	657	668	687	rVB	22101	51010	8.24%	0.412%
23	3.809	847	861	878	rBV2	20009	47456	7.66%	0.383%
24	3.912	878	893	938	rBV3	109107	349366	56.41%	2.820%
25	4.349	1013	1029	1055	rBV2	91047	247316	39.93%	1.996%
26	5.047	1231	1246	1257	rBV2	190291	454622	73.41%	3.669%
27	5.362	1317	1344	1362	rBV5	22965	69670	11.25%	0.562%
28	5.616	1412	1423	1454	rBV	147810	307558	49.66%	2.482%
29	5.944	1507	1525	1545	rBV	238622	472320	76.26%	3.812%
30	6.069	1545	1564	1592	rVB	102274	238379	38.49%	1.924%
31	6.989	1836	1850	1868	rBV2	51588	99377	16.05%	0.802%
32	7.317	1940	1952	1965	rBV	231279	401824	64.88%	3.243%
33	7.387	1965	1974	1996	rVB	169037	301372	48.66%	2.432%
34	7.625	2037	2048	2066	rBV2	28538	56828	9.18%	0.459%
35	7.860	2112	2121	2135	rBV5	15339	28152	4.55%	0.227%
36	8.095	2182	2194	2218	rBV	160595	305289	49.29%	2.464%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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\SFAMVTR112321WMA.M
 Title : TRACE VOA SFAM1.0

37	8.243	2230	2240	2264	rVB4	32244	62784	10.14%	0.507%
38	8.715	2376	2387	2399	rBV3	14510	26337	4.25%	0.213%
39	8.853	2413	2430	2456	rVB	222447	393586	63.55%	3.177%
40	9.011	2468	2479	2503	rBV	144548	240151	38.78%	1.938%
41	9.136	2505	2518	2537	rVV	255114	418454	67.57%	3.377%
42	9.542	2631	2644	2667	rVV	226749	357139	57.67%	2.883%
43	9.680	2676	2687	2696	rBV8	7915	14319	2.31%	0.116%
44	9.931	2755	2765	2780	rBV6	11068	19706	3.18%	0.159%
45	10.014	2780	2791	2804	rBV	192191	295553	47.72%	2.386%
46	10.217	2840	2854	2865	rBV2	75624	125046	20.19%	1.009%
47	10.358	2885	2898	2904	rBV2	9424	17577	2.84%	0.142%
48	10.448	2918	2926	2942	rVB	20270	43314	6.99%	0.350%
49	10.542	2942	2955	2964	rBV2	21274	33965	5.48%	0.274%
50	10.696	2989	3003	3010	rBV	26830	45598	7.36%	0.368%
51	10.738	3010	3016	3027	rVB	20276	32769	5.29%	0.264%
52	10.914	3061	3071	3082	rBV	42153	65344	10.55%	0.527%
53	11.249	3164	3175	3190	rBV	260538	401721	64.86%	3.242%
54	11.336	3192	3202	3215	rVB	74250	114800	18.54%	0.927%
55	11.529	3252	3262	3272	rBV3	33454	62780	10.14%	0.507%
56	11.574	3272	3276	3282	rVV2	13986	19545	3.16%	0.158%
57	11.625	3282	3292	3316	rVB	247538	421526	68.06%	3.402%
58	11.914	3373	3382	3387	rBV2	21275	37186	6.00%	0.300%
59	12.014	3403	3413	3422	rBV	31175	47925	7.74%	0.387%
60	12.114	3434	3444	3457	rBV3	12971	30773	4.97%	0.248%
61	12.313	3499	3506	3512	rBV2	12324	18746	3.03%	0.151%
62	12.413	3530	3537	3545	rVB	18124	24897	4.02%	0.201%
63	12.464	3545	3553	3562	rBV	29239	43148	6.97%	0.348%
64	12.831	3658	3667	3674	rBV3	27926	43813	7.07%	0.354%
65	12.882	3675	3683	3699	rVB5	35223	62611	10.11%	0.505%
66	13.046	3725	3734	3746	rVB2	32152	50982	8.23%	0.411%
67	13.275	3795	3805	3811	rBV3	18352	34351	5.55%	0.277%
68	13.503	3865	3876	3885	rBV	75824	116884	18.87%	0.943%
69	13.612	3900	3910	3921	rBV	48257	79070	12.77%	0.638%
70	13.705	3929	3939	3951	rBV	59706	99160	16.01%	0.800%
71	13.908	3992	4002	4013	rBV2	22011	35667	5.76%	0.288%
72	14.091	4048	4059	4061	rBV2	30962	44770	7.23%	0.361%
73	14.229	4093	4102	4111	rBV4	19861	33662	5.44%	0.272%
74	14.294	4112	4122	4136	rVB5	38332	72725	11.74%	0.587%
75	14.429	4153	4164	4179	rBV2	99661	166668	26.91%	1.345%
76	14.631	4201	4227	4237	rBV3	115289	294618	47.57%	2.378%

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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	14.686	4237	4244	4256	rVB2	52653	94225	15.21%	0.761%
78	14.763	4260	4268	4274	rBV3	17172	25166	4.06%	0.203%
79	14.815	4274	4284	4296	rVV	269558	414711	66.96%	3.347%
80	14.879	4296	4304	4311	rVV3	44235	76482	12.35%	0.617%
81	14.914	4312	4315	4329	rVB5	24317	36530	5.90%	0.295%
82	15.001	4331	4342	4352	rBV5	27874	54605	8.82%	0.441%
83	15.178	4384	4397	4405	rVB4	15434	29554	4.77%	0.239%
84	15.361	4427	4454	4465	rVV2	198204	463700	74.87%	3.743%
85	15.422	4465	4473	4489	rVB4	23343	44371	7.16%	0.358%
86	15.557	4505	4515	4519	rBV3	37906	62284	10.06%	0.503%
87	15.586	4519	4524	4534	rVB2	43060	64197	10.37%	0.518%
88	15.667	4536	4549	4560	rBV	378906	619323	100.00%	4.999%
89	15.811	4584	4594	4602	rBV	277066	433438	69.99%	3.498%
90	15.847	4602	4605	4623	rVB2	67054	96543	15.59%	0.779%
91	16.033	4647	4663	4678	rBV2	106019	232178	37.49%	1.874%
92	16.181	4694	4709	4719	rBV2	45095	73391	11.85%	0.592%
93	16.287	4733	4742	4754	rBV	36311	60335	9.74%	0.487%
94	16.387	4766	4773	4783	rVB4	18951	29054	4.69%	0.235%
95	16.519	4807	4814	4825	rVB2	21756	31943	5.16%	0.258%
96	16.718	4871	4876	4883	rVB3	15779	20912	3.38%	0.169%
97	16.766	4884	4891	4901	rVB4	11977	18610	3.00%	0.150%
98	16.911	4929	4936	4945	rVB3	12888	18246	2.95%	0.147%
99	16.972	4947	4955	4964	rBV4	10653	17953	2.90%	0.145%
100	17.107	4985	4997	5004	rBV4	6931	14726	2.38%	0.119%

Sum of corrected areas: 12389546

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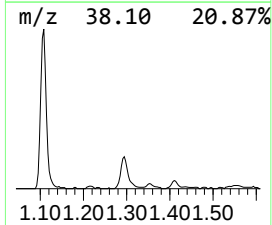
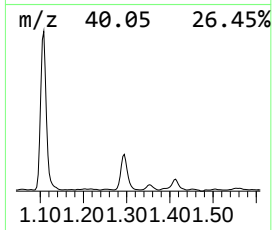
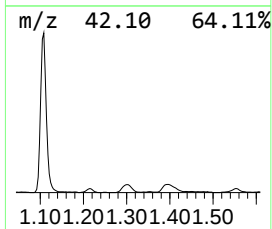
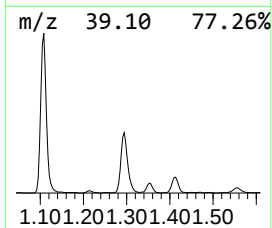
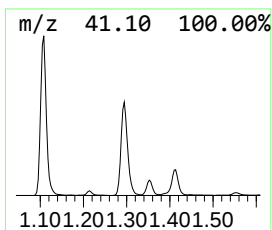
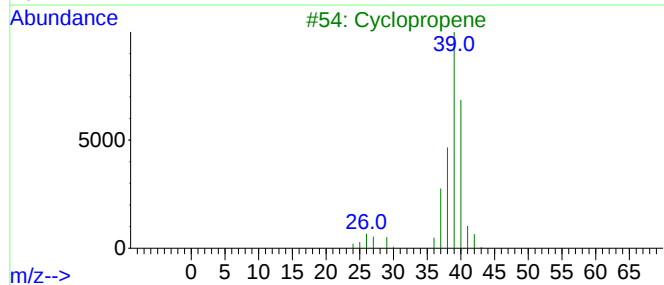
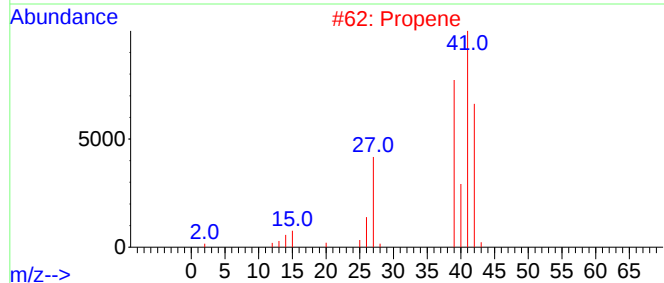
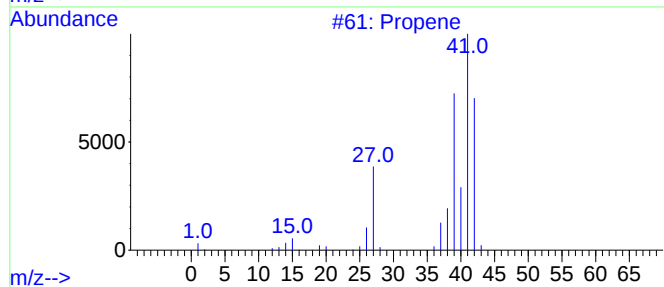
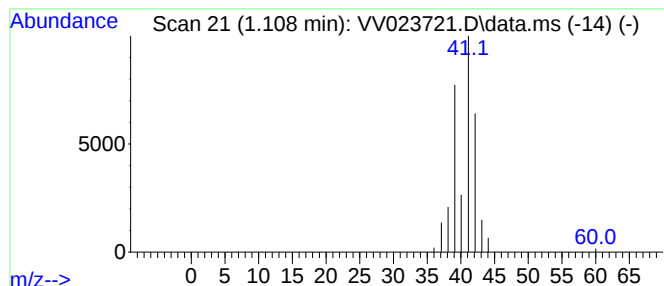
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	4.25 ug/L	261730	1,4-Difluorobenzene	5.616

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	45
3		Cyclopropene	40	C3H4	002781-85-3	10
4		Cyclopropane	42	C3H6	000075-19-4	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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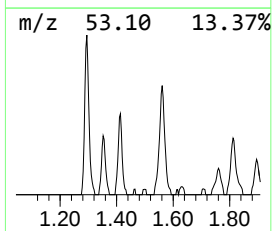
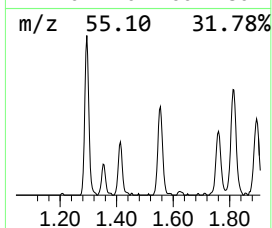
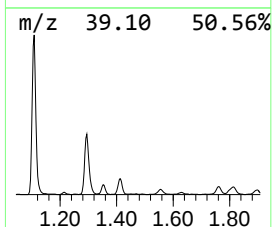
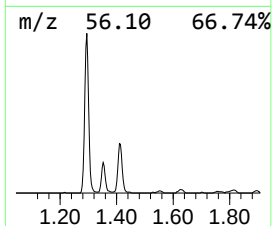
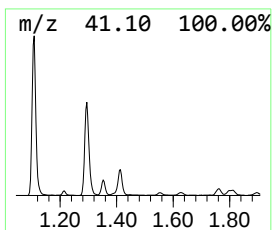
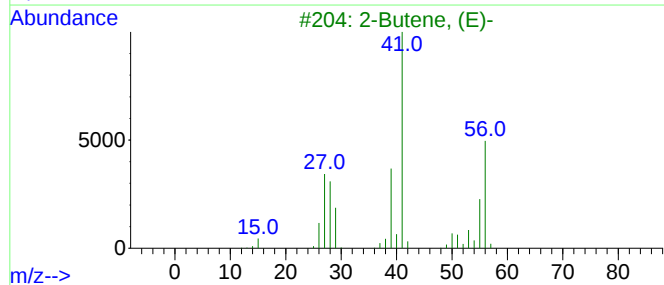
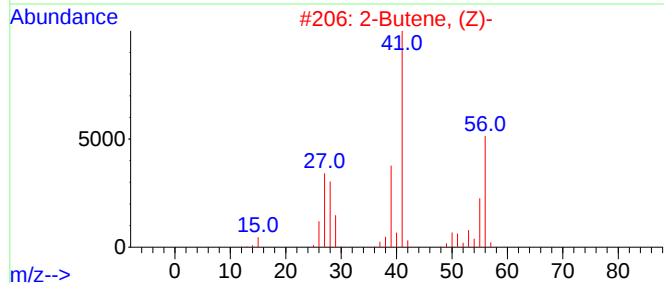
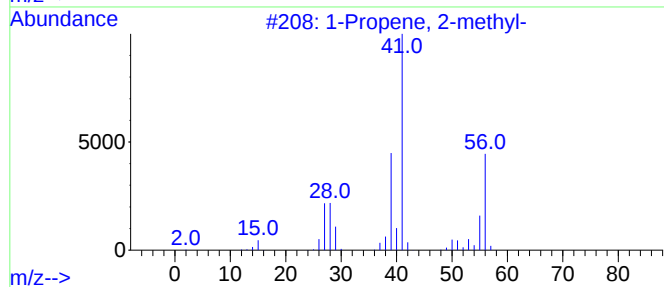
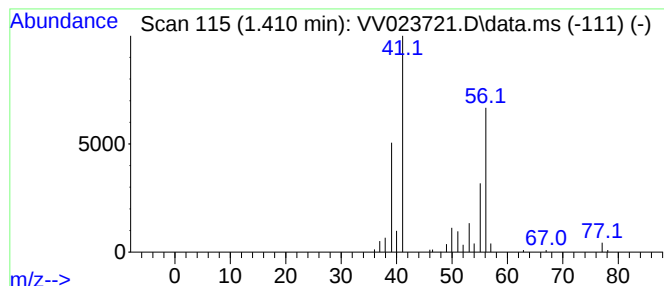
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.410	0.84 ug/L	51846	1,4-Difluorobenzene	5.616

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-		56	C4H8	000115-11-7	72
2	2-Butene, (Z)-		56	C4H8	000590-18-1	64
3	2-Butene, (E)-		56	C4H8	000624-64-6	64
4	1-Propene, 2-methyl-		56	C4H8	000115-11-7	59
5	2-Butene		56	C4H8	000107-01-7	58



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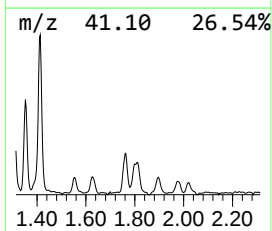
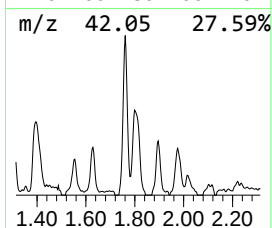
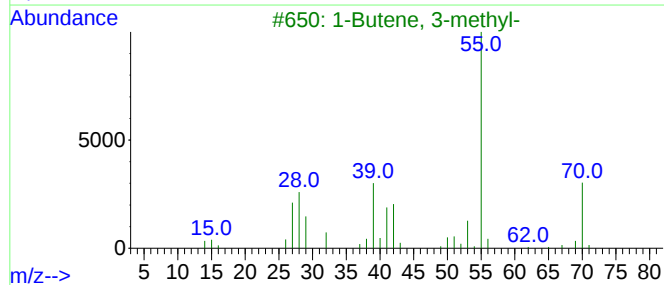
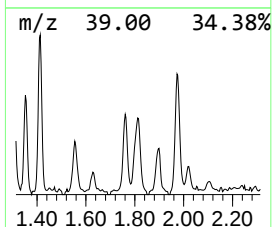
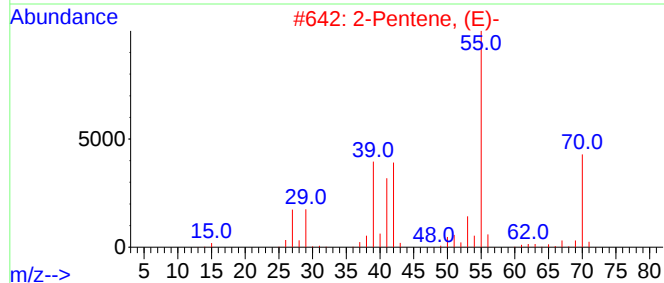
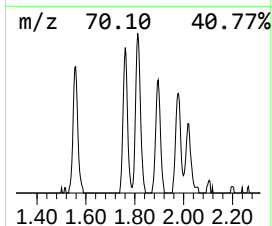
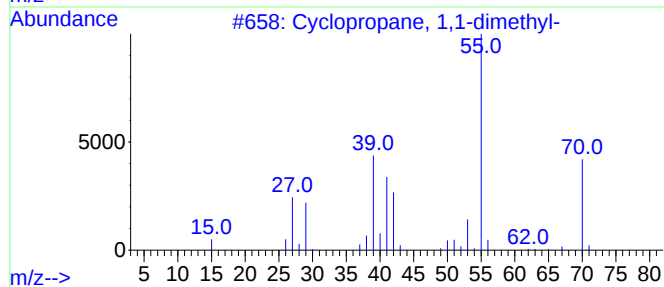
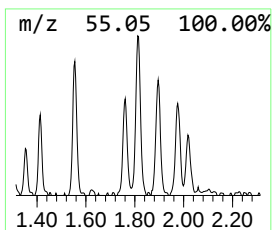
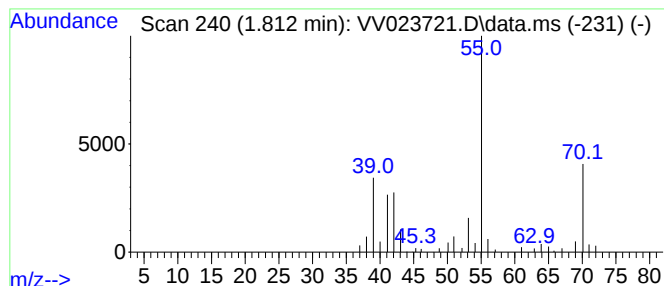
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic1.812 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.812	0.74 ug/L	45354	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
2			2-Pentene, (E)-	70	C5H10	000646-04-8	83
3			1-Butene, 3-methyl-	70	C5H10	000563-45-1	83
4			2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5			1-Butene, 3-methyl-	70	C5H10	000563-45-1	80



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Instrument :
MSVOA_V
ClientSampleId :
H4671

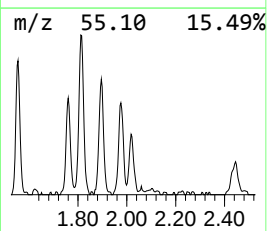
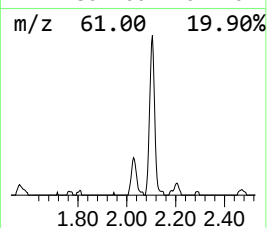
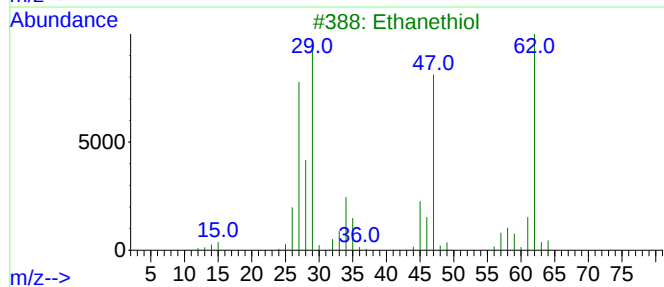
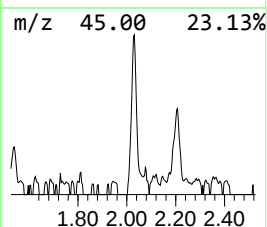
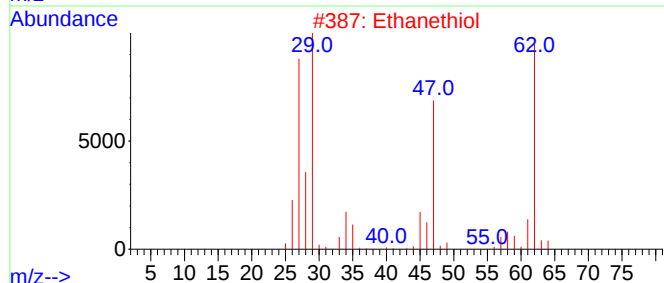
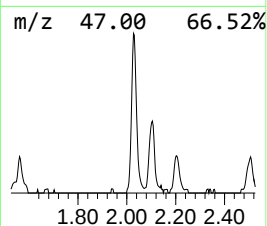
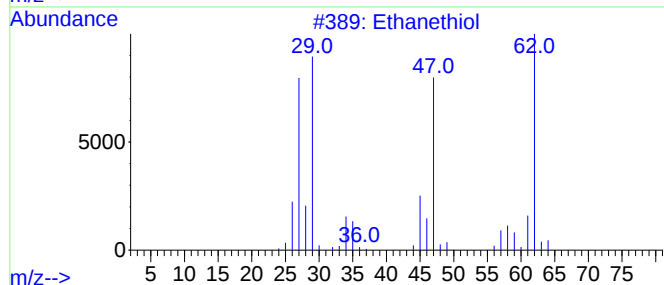
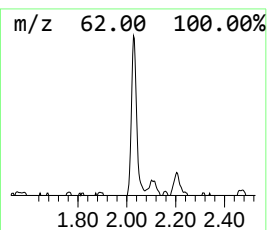
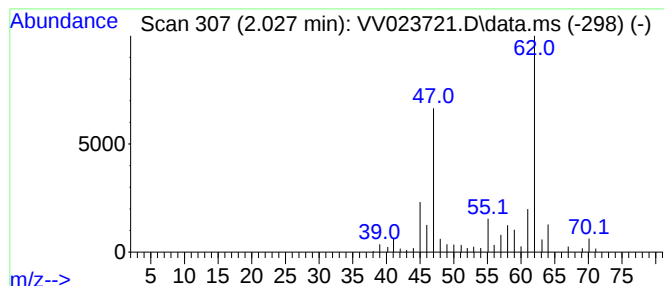
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Ethanethiol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.027	0.68 ug/L	41846	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol			62	C2H6S	000075-08-1	91
2	Ethanethiol			62	C2H6S	000075-08-1	91
3	Ethanethiol			62	C2H6S	000075-08-1	86
4	Ethanethiol			62	C2H6S	000075-08-1	86
5	Ethanethiol			62	C2H6S	000075-08-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

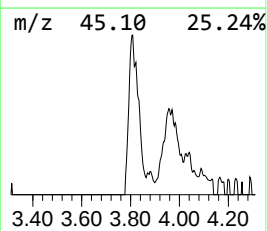
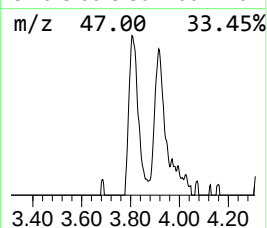
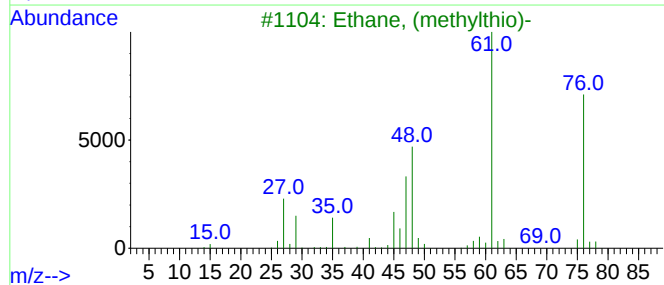
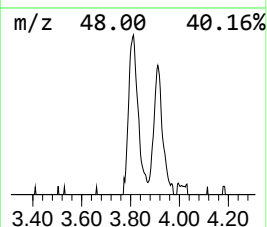
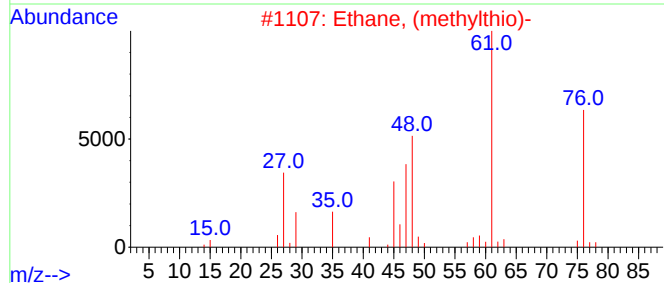
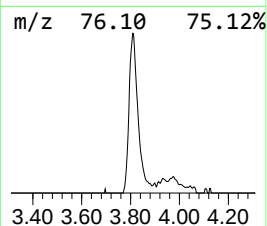
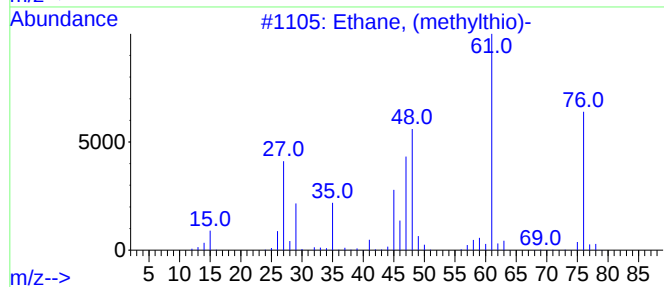
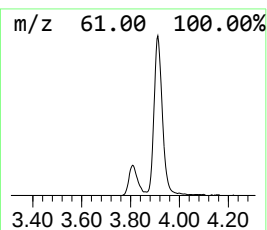
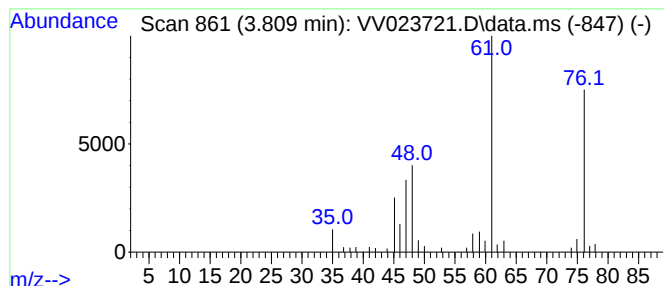
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Ethane, (methylthio)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.809	0.77 ug/L	47456	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2			Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
3			Ethane, (methylthio)-	76	C3H8S	000624-89-5	94
4			Ethane, (methylthio)-	76	C3H8S	000624-89-5	94
5			Trimethylphosphine	76	C3H9P	000594-09-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

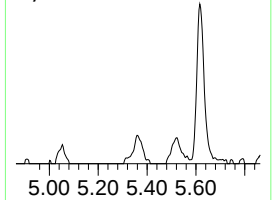
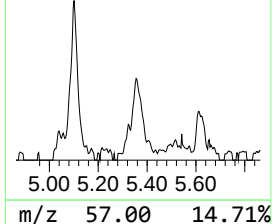
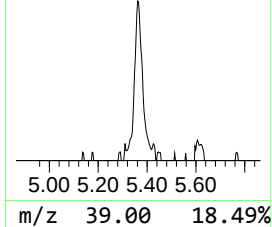
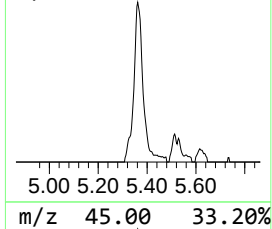
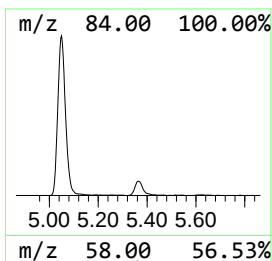
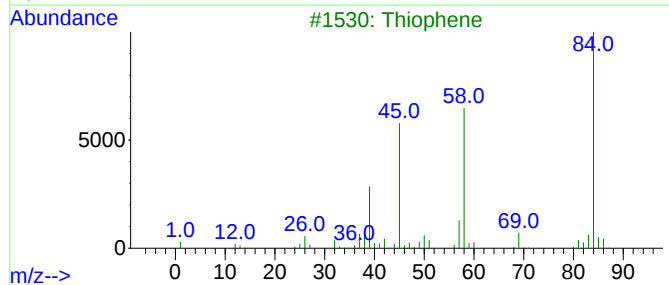
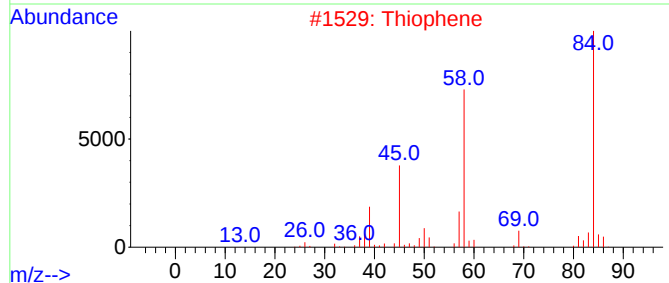
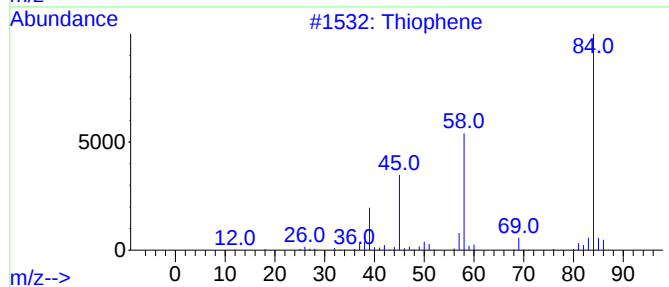
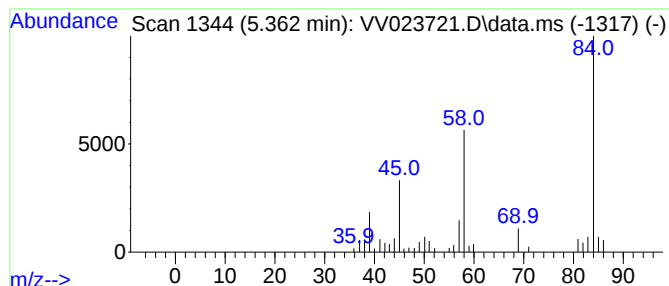
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.362	1.13 ug/L	69670	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	94
2			Thiophene	84	C4H4S	000110-02-1	93
3			Thiophene	84	C4H4S	000110-02-1	86
4			Thiophene	84	C4H4S	000110-02-1	83
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

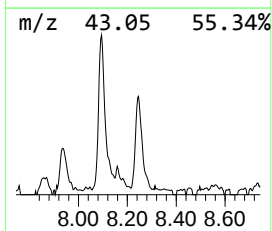
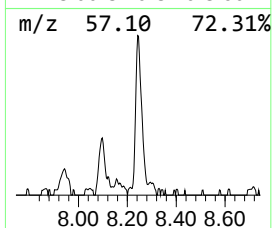
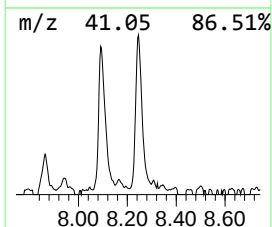
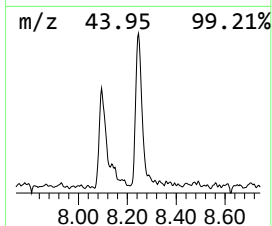
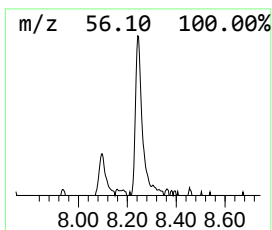
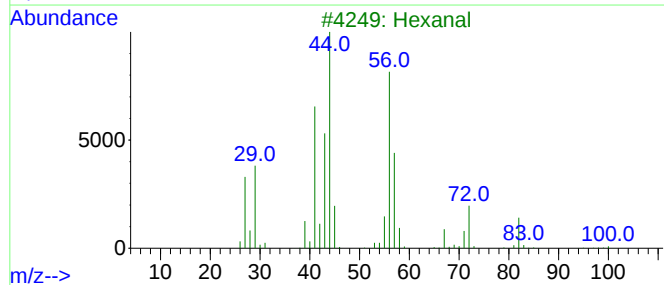
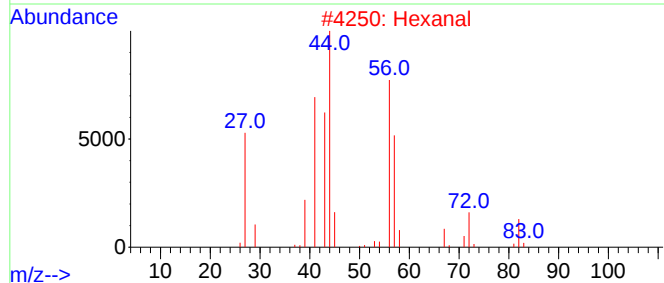
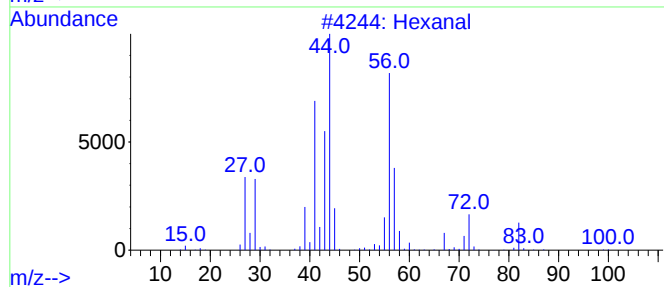
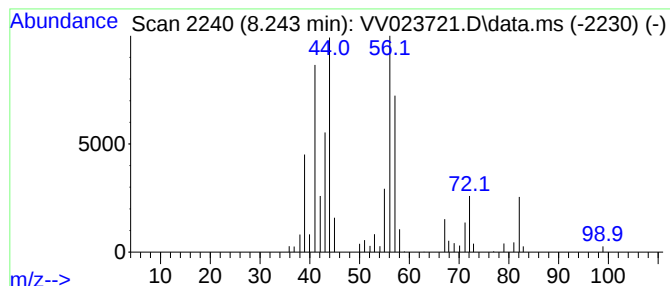
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Hexanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	0.80 ug/L	62784	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	64
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	59
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

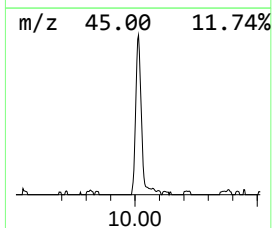
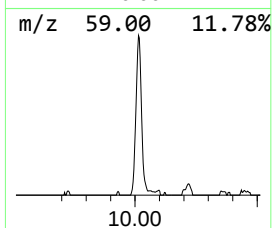
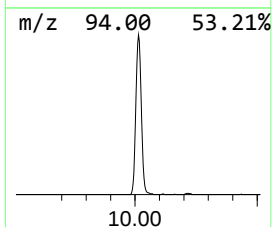
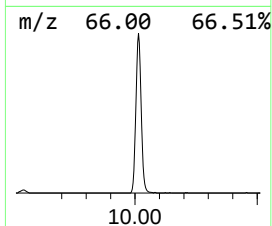
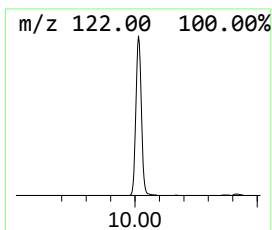
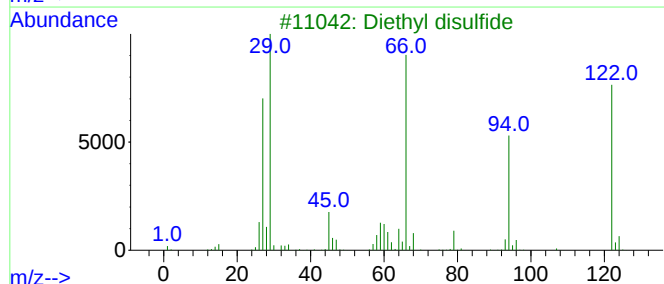
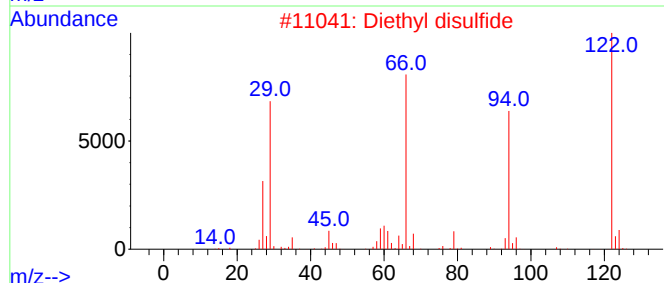
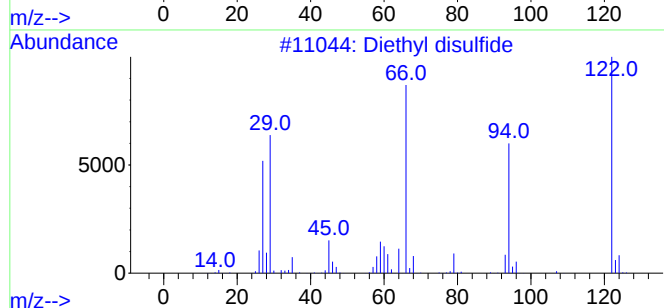
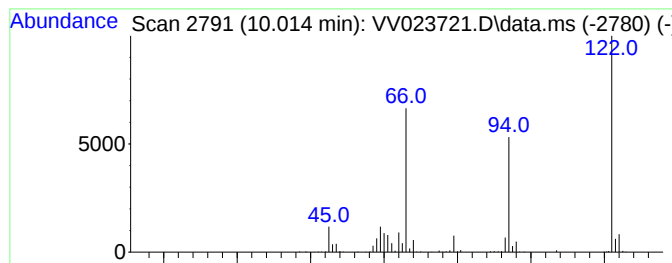
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Diethyl disulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.014	3.75 ug/L	295553	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyl disulfide	122	C4H10S2	000110-81-6	95
2			Diethyl disulfide	122	C4H10S2	000110-81-6	95
3			Diethyl disulfide	122	C4H10S2	000110-81-6	91
4			Benzene, ethoxy-	122	C8H10O	000103-73-1	45
5			Diethyl sulfone	122	C4H10O2S	000597-35-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

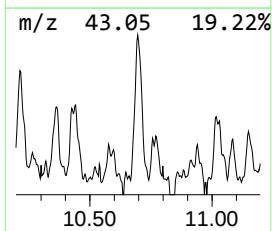
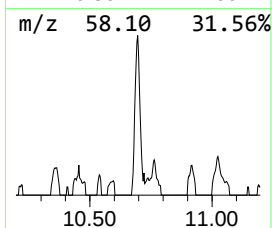
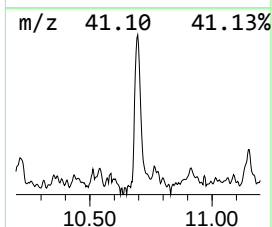
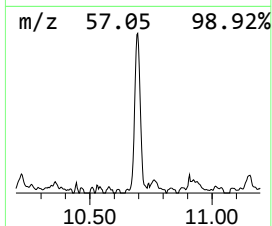
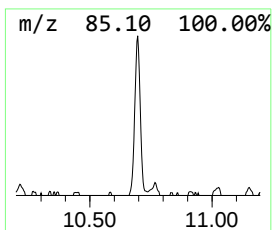
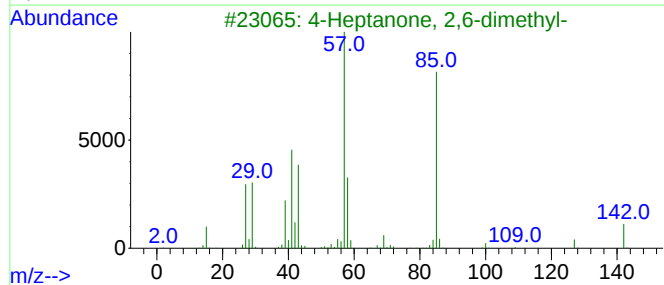
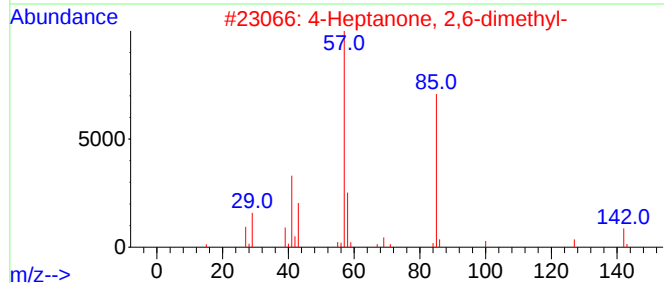
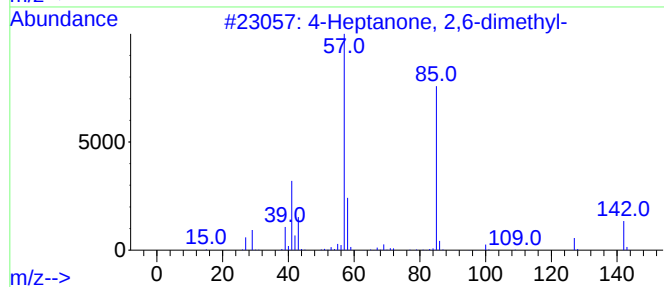
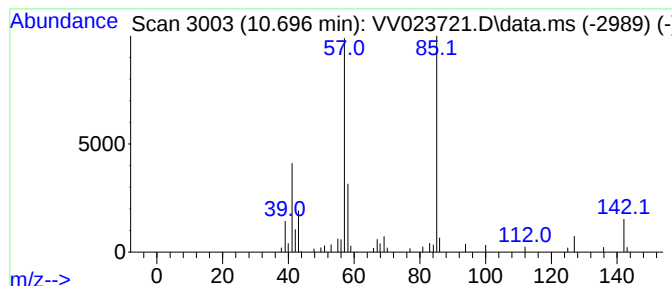
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	0.57 ug/L	45598	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
4			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
5			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

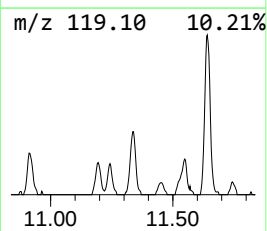
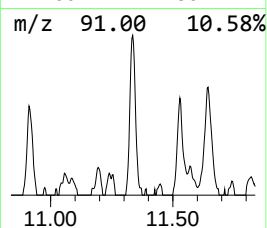
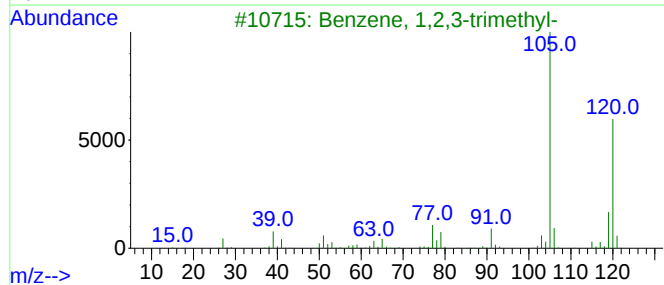
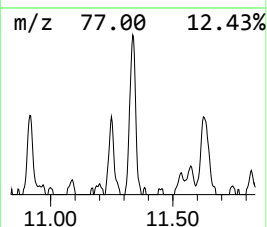
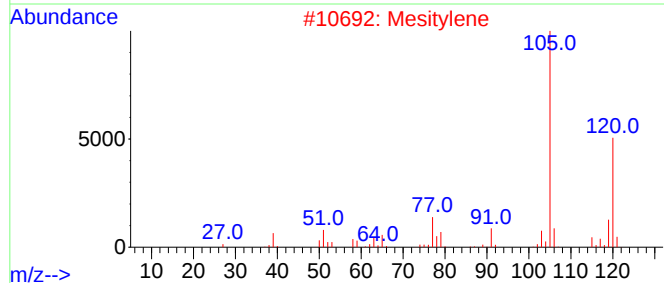
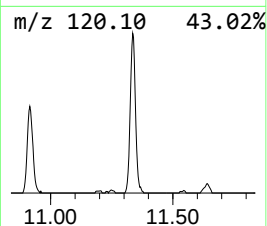
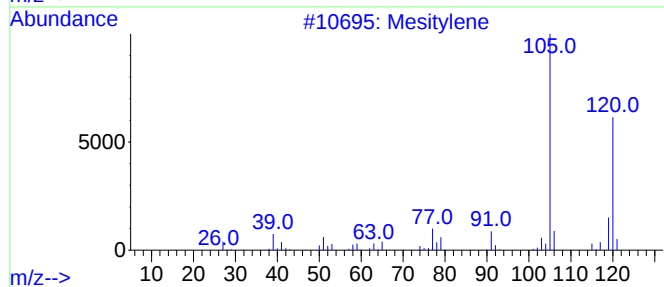
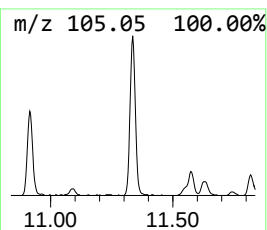
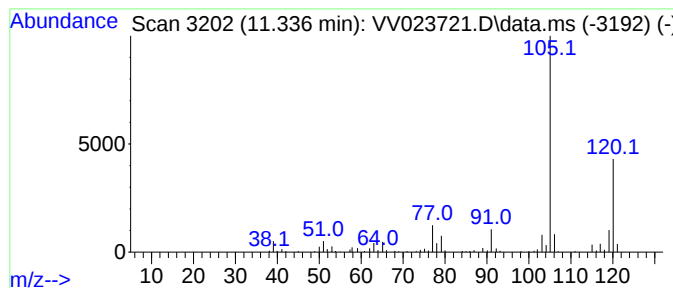
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	1.43 ug/L	114800	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Mesitylene	120	C9H12	000108-67-8	94
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

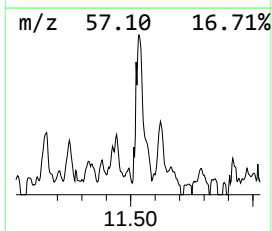
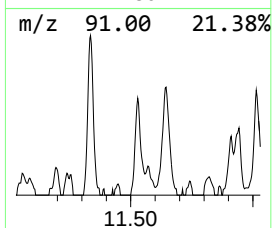
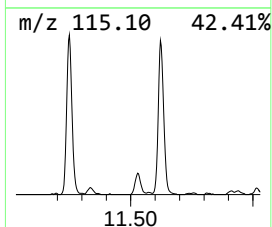
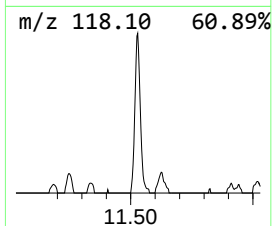
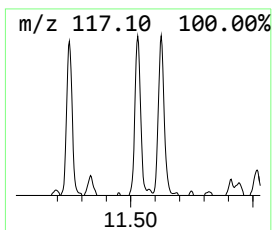
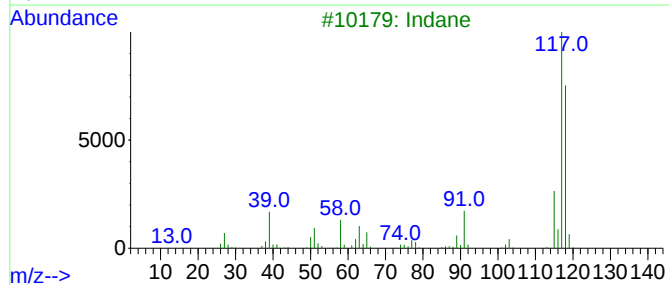
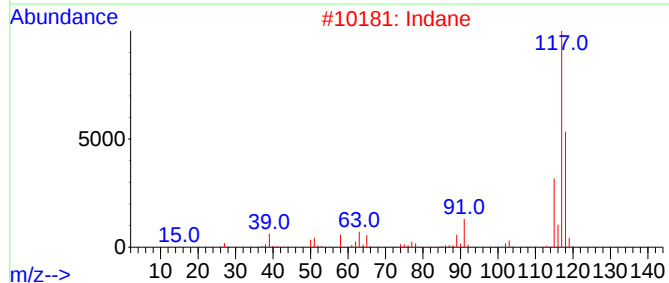
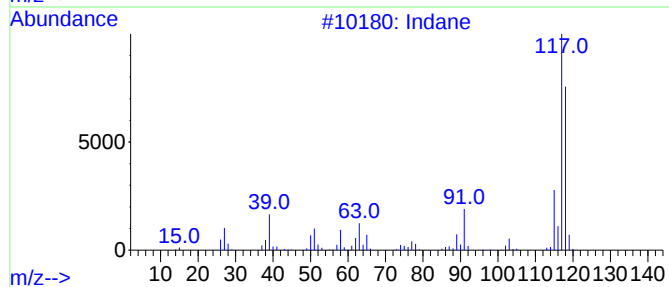
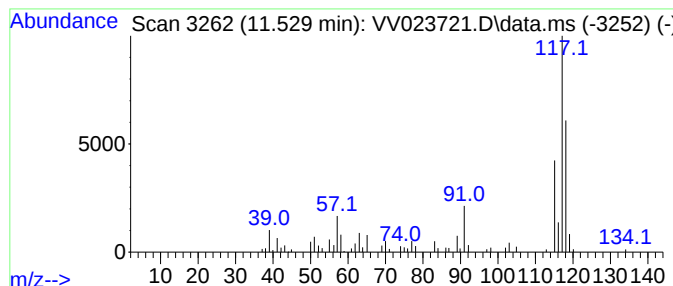
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Indane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	0.78 ug/L	62780	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Indane	118	C9H10	000496-11-7	93
3			Indane	118	C9H10	000496-11-7	89
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

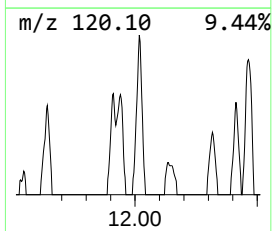
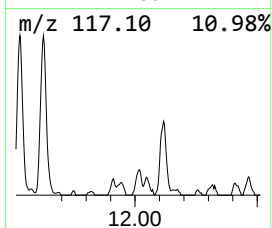
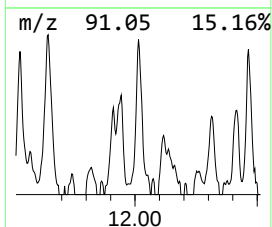
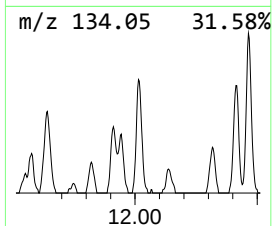
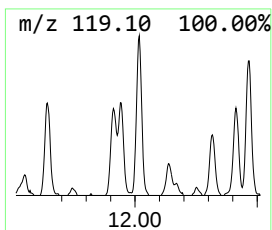
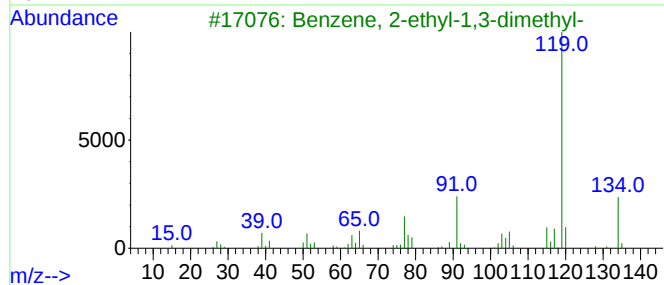
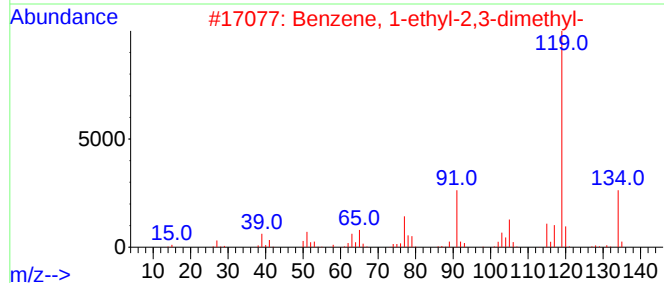
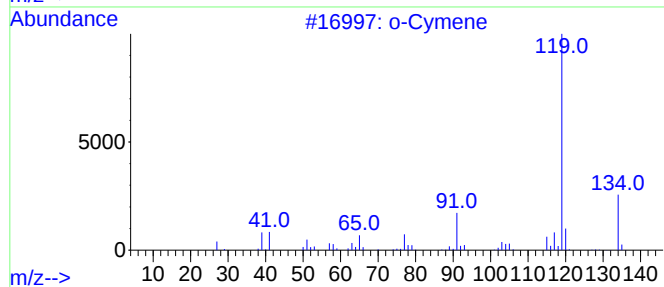
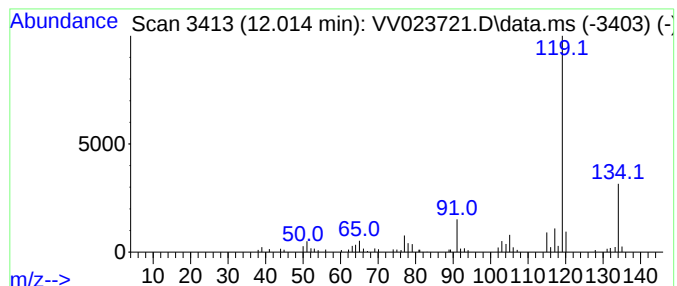
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 o-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	0.60 ug/L	47925	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	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	94
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

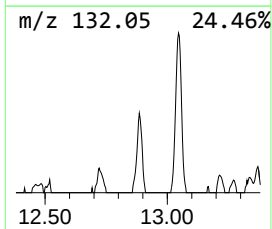
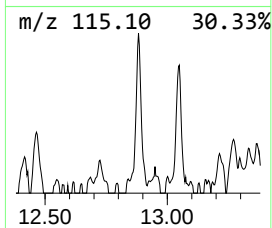
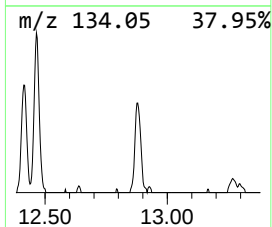
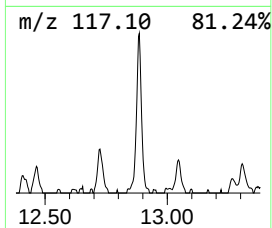
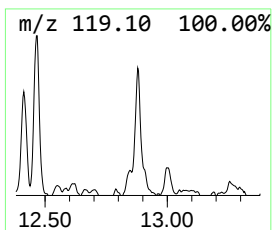
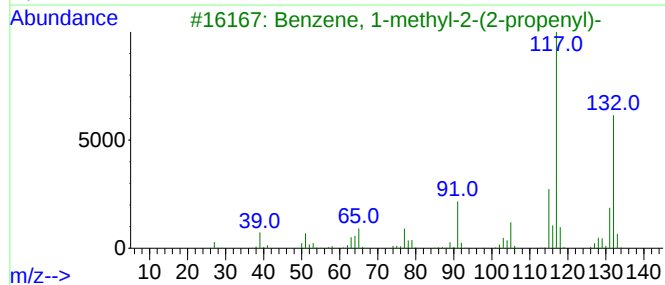
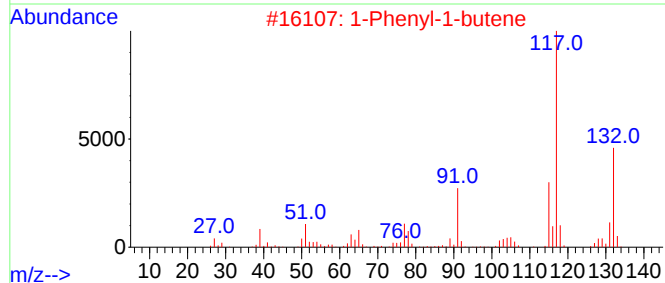
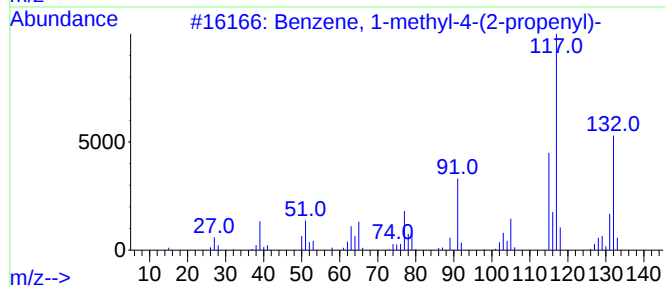
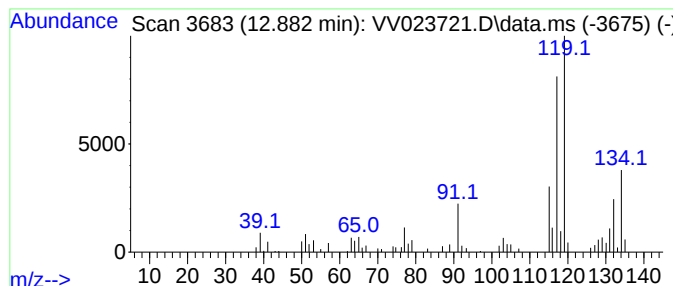
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Benzene, 1-methyl-4-(2-prop... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	0.78 ug/L	62611	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

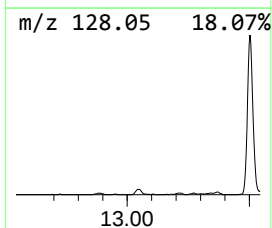
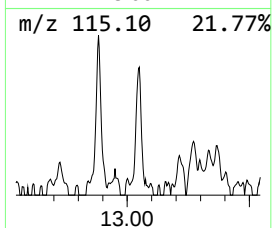
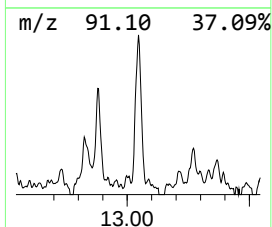
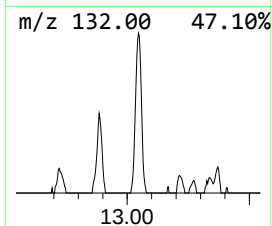
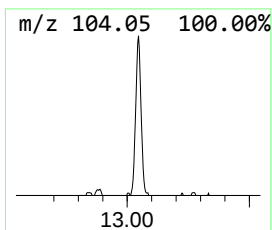
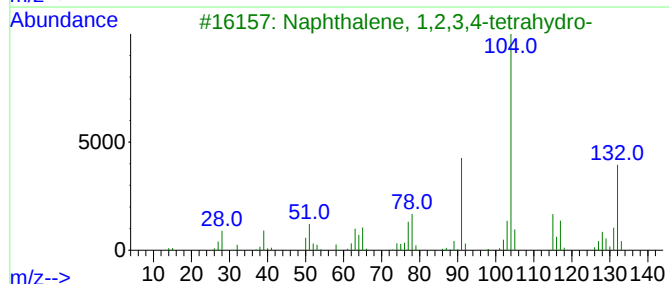
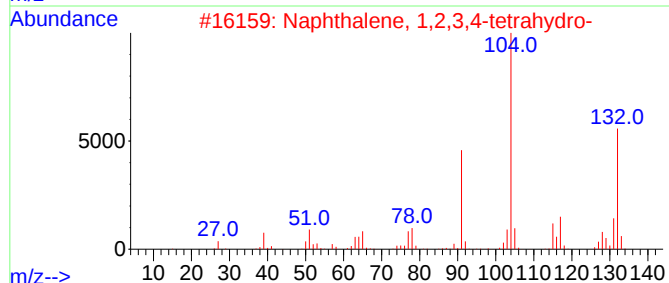
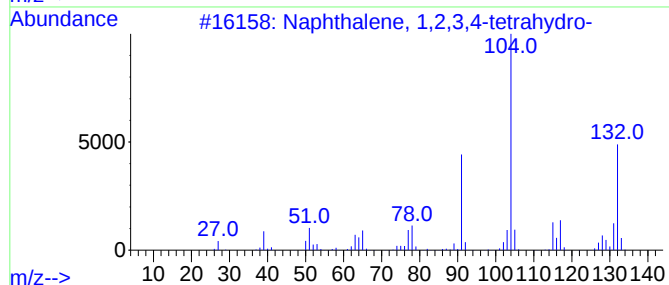
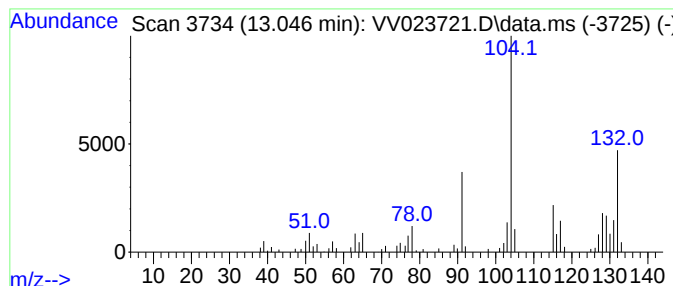
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	0.63 ug/L	50982	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

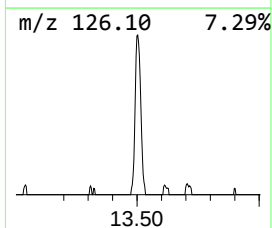
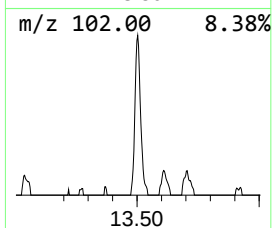
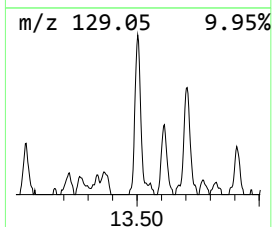
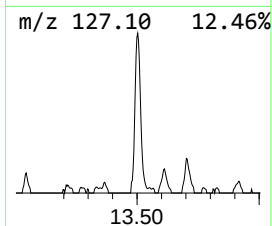
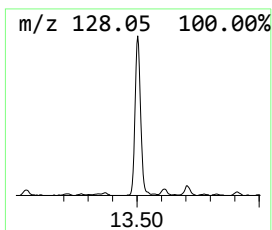
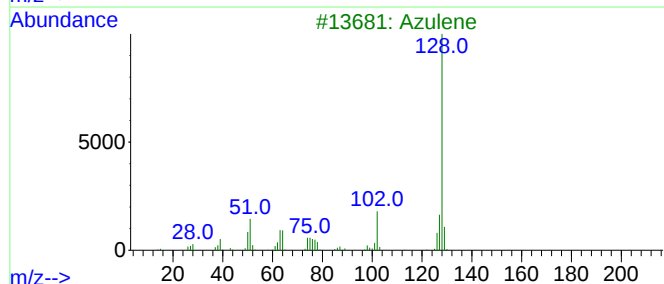
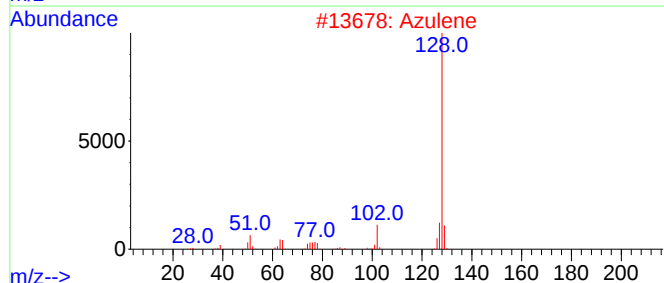
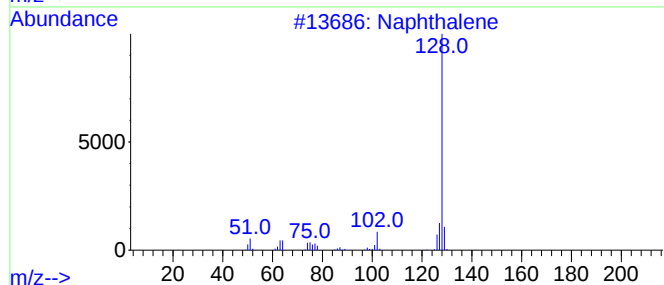
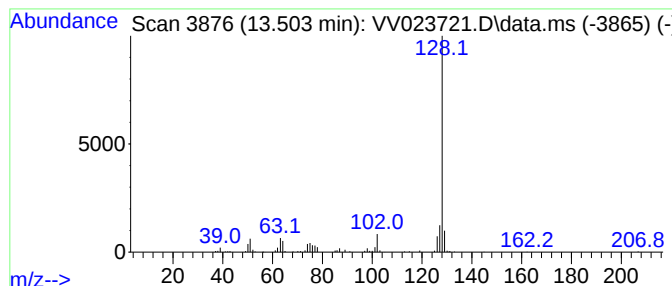
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	1.45 ug/L	116884	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	93
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	90
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

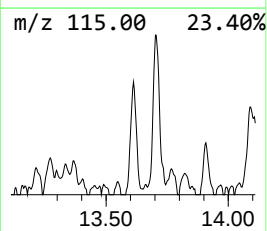
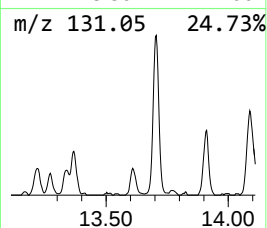
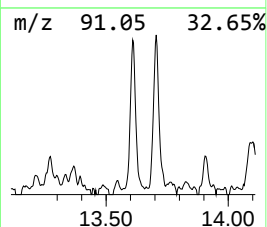
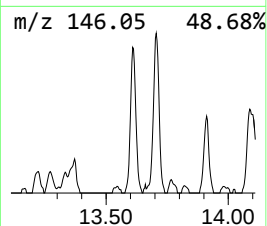
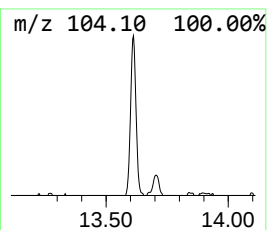
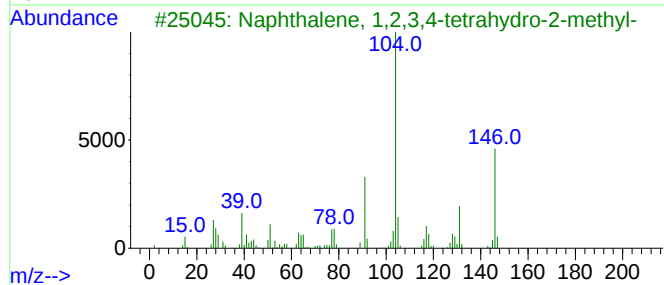
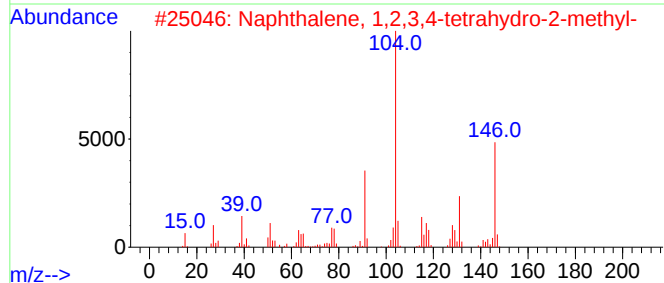
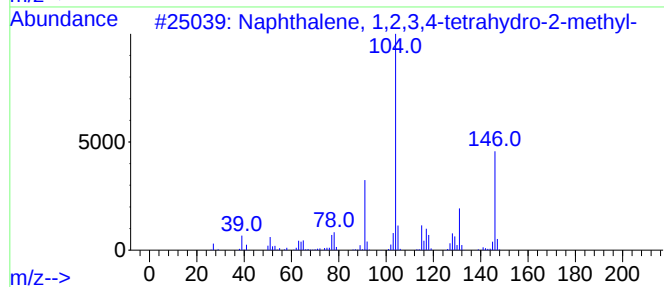
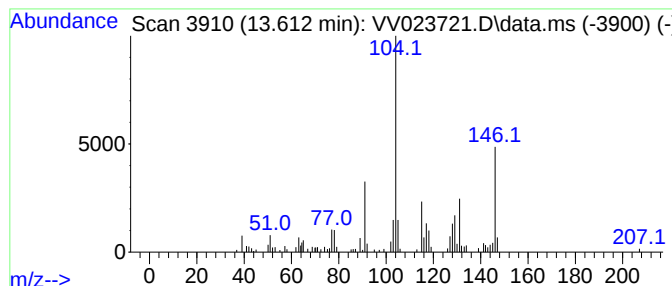
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	0.98 ug/L	79070	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
5			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

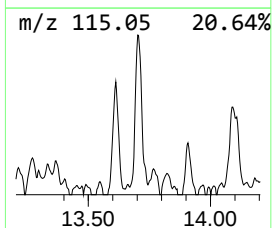
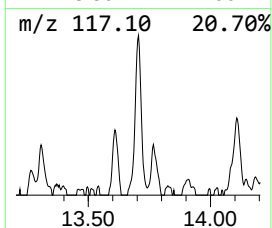
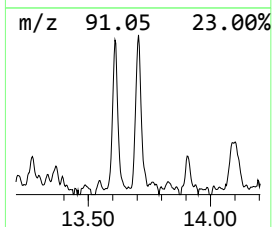
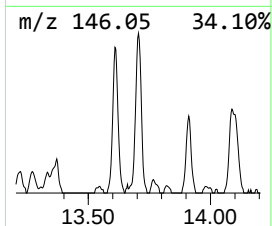
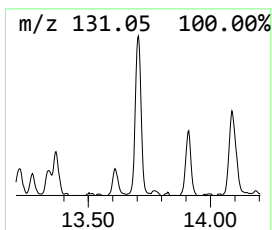
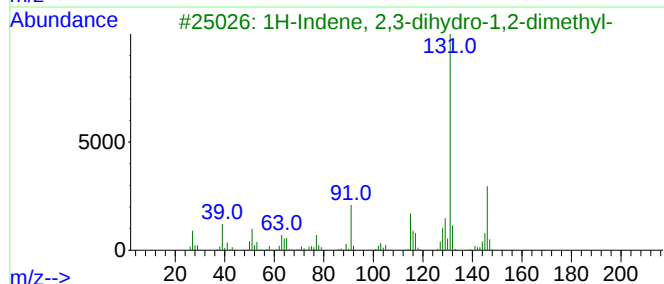
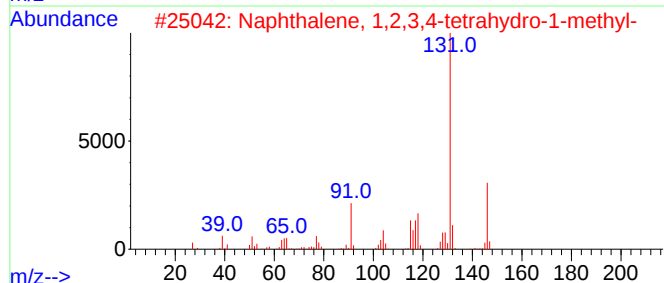
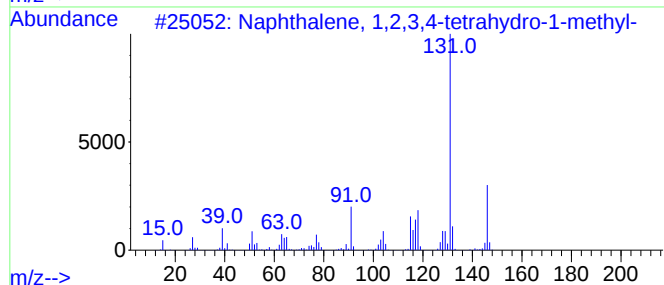
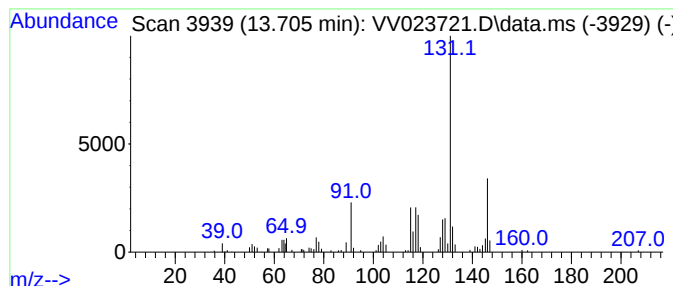
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.705	1.23 ug/L	99160	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

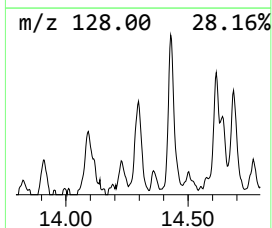
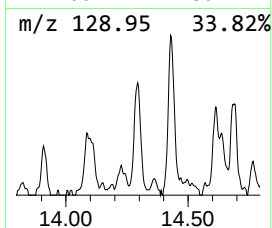
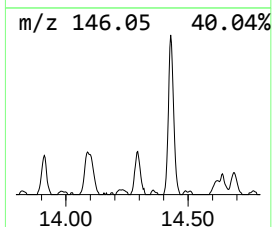
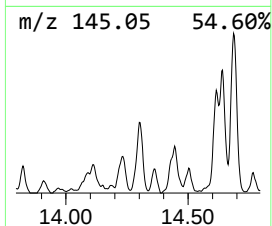
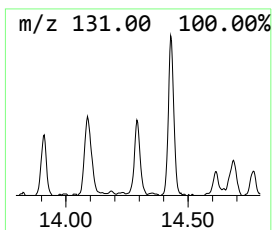
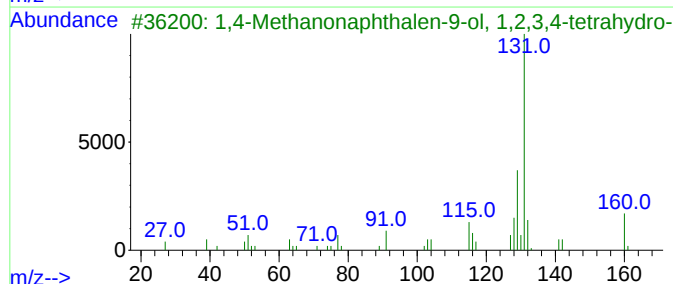
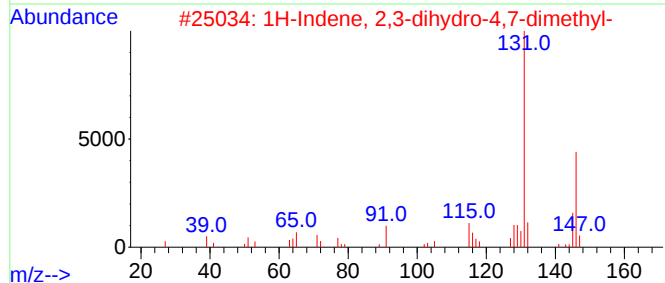
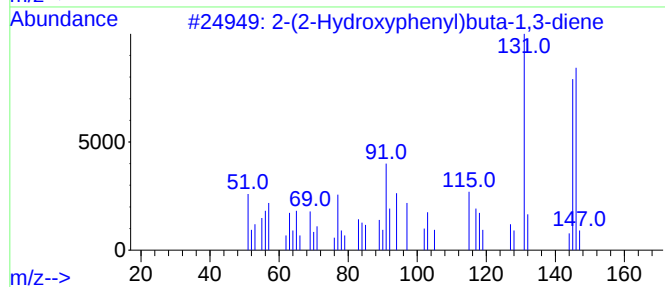
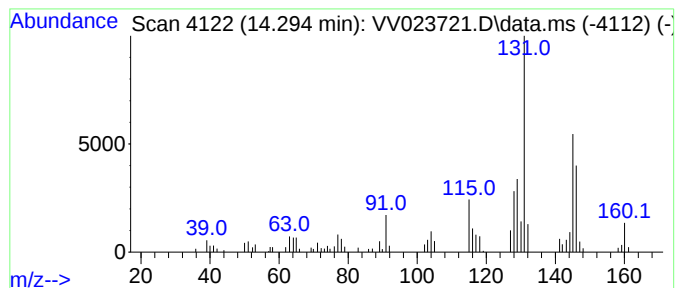
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	0.91 ug/L	72725	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	58
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
3			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	55
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

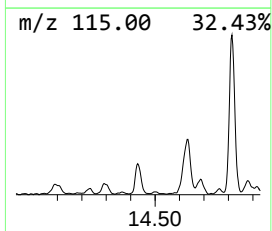
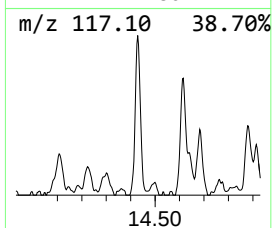
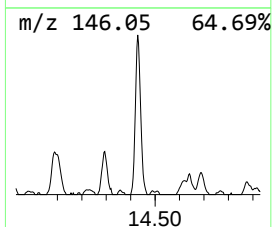
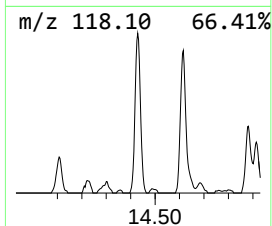
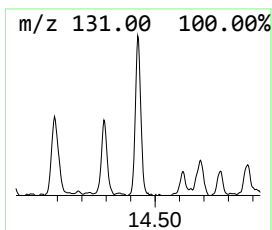
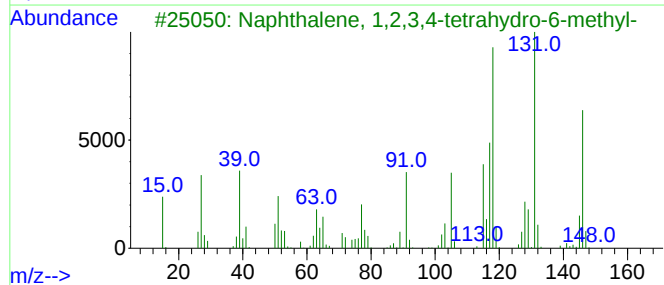
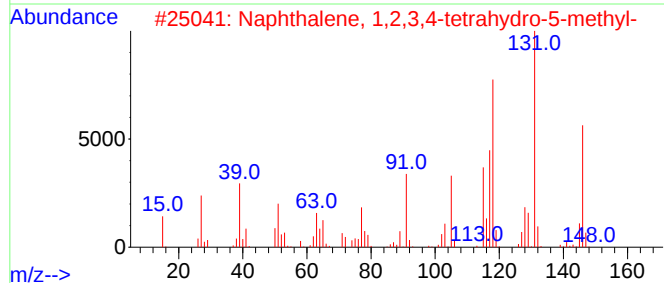
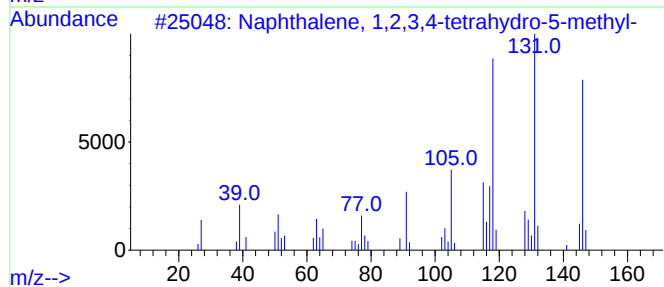
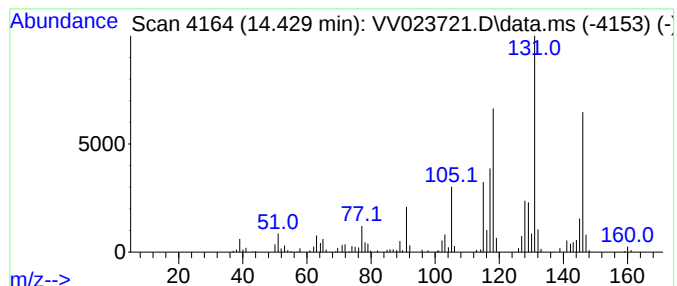
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.429	2.07 ug/L	166668	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

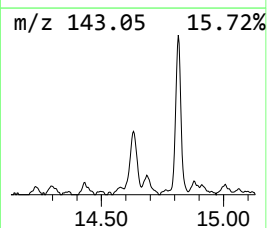
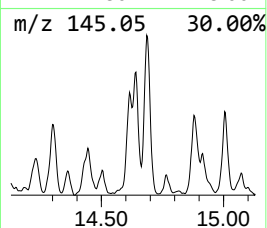
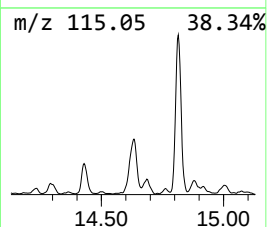
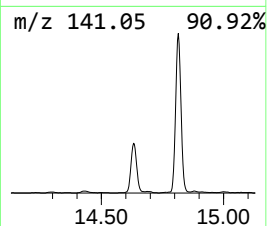
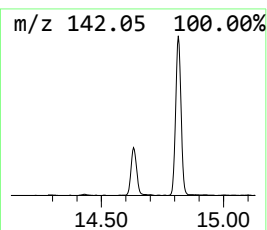
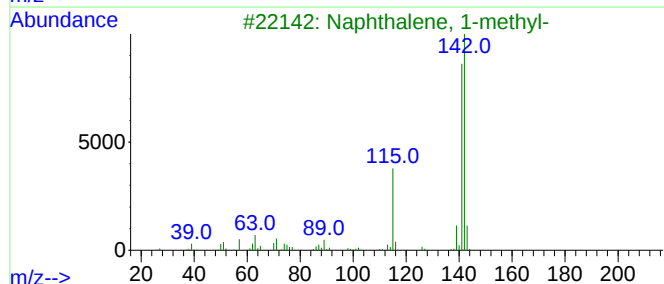
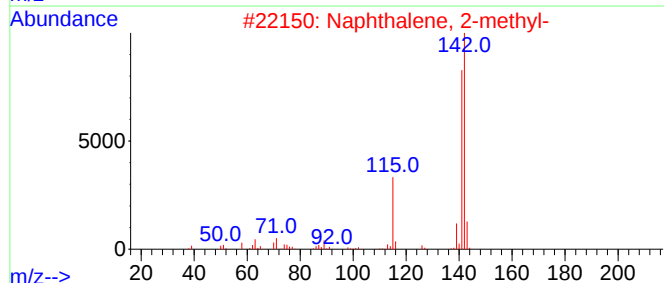
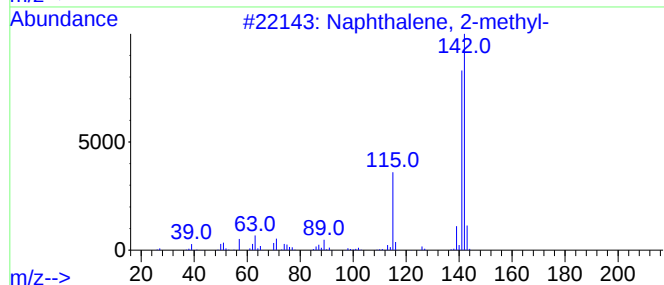
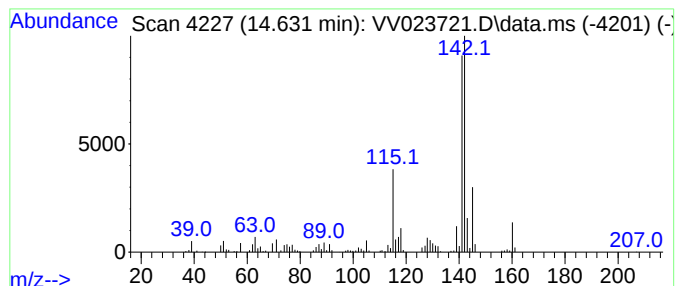
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.631	3.67 ug/L	294618	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

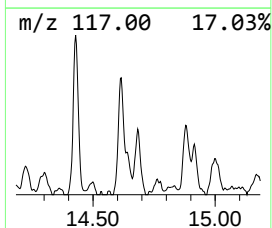
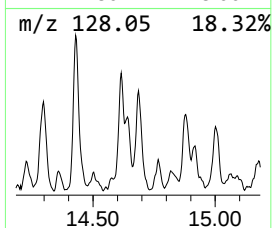
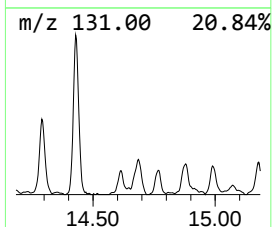
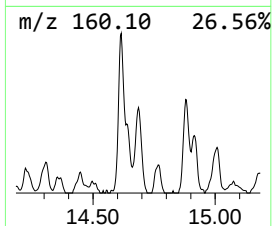
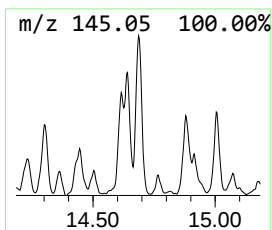
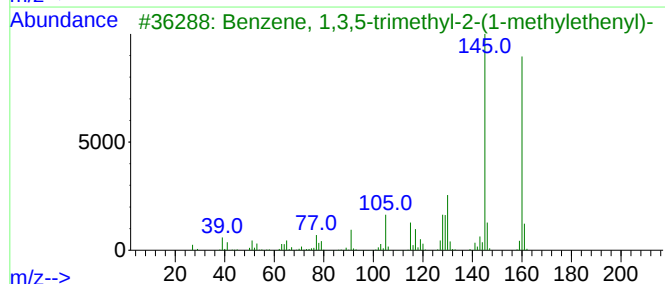
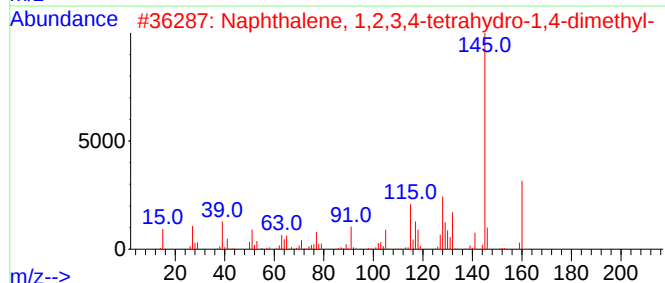
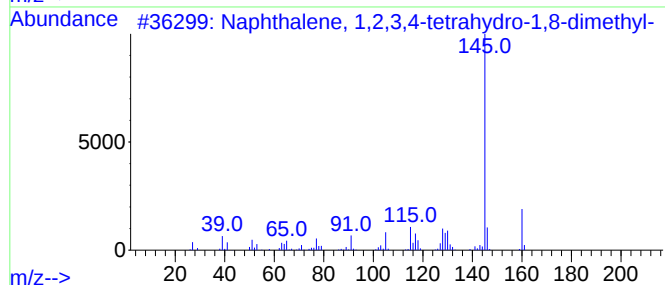
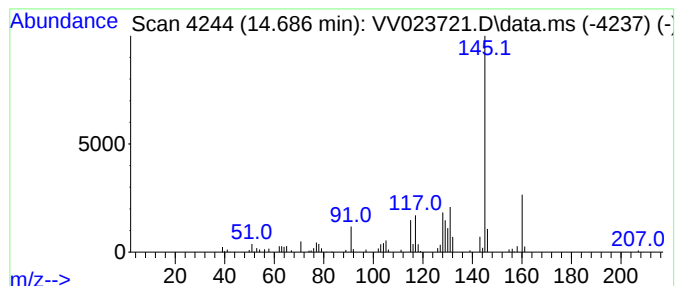
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	1.17 ug/L	94225	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	80
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	74
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	74
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

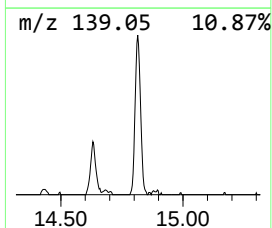
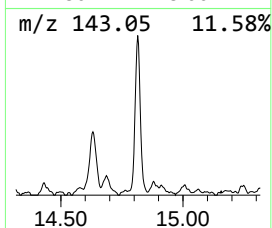
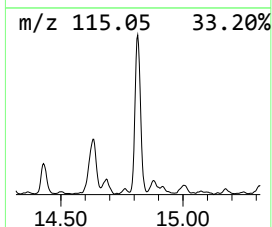
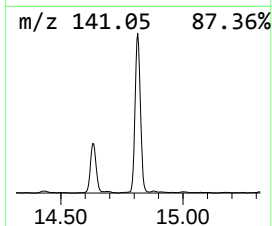
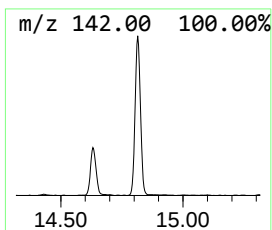
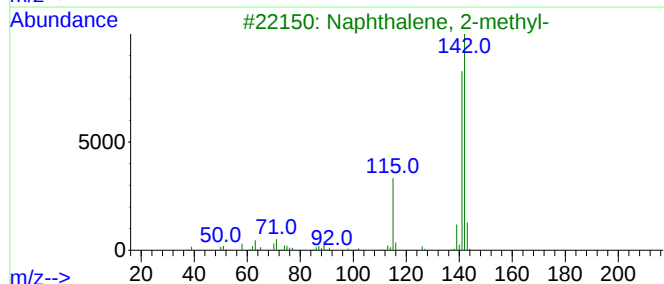
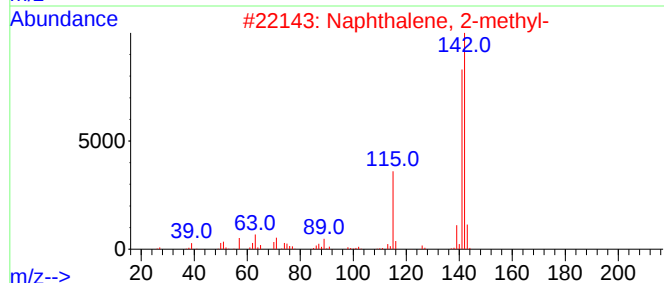
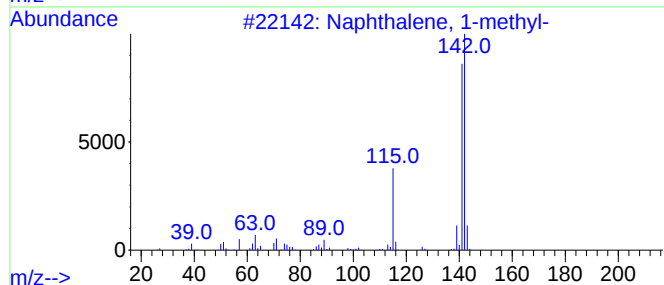
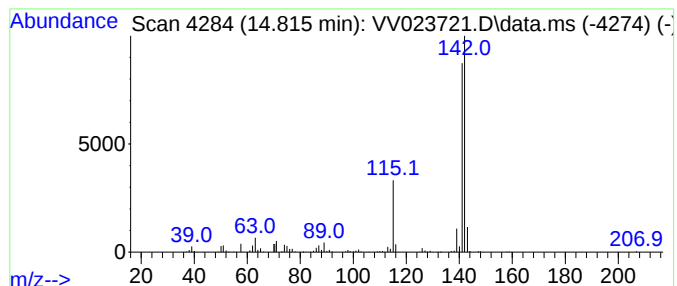
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	5.16 ug/L	414711	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

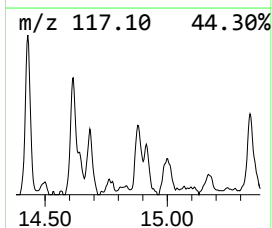
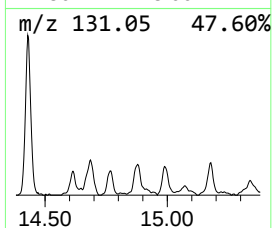
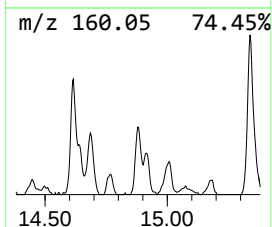
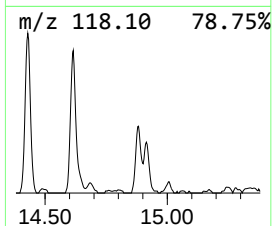
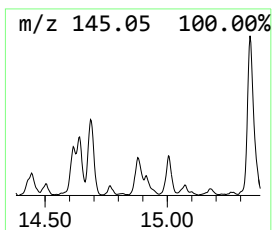
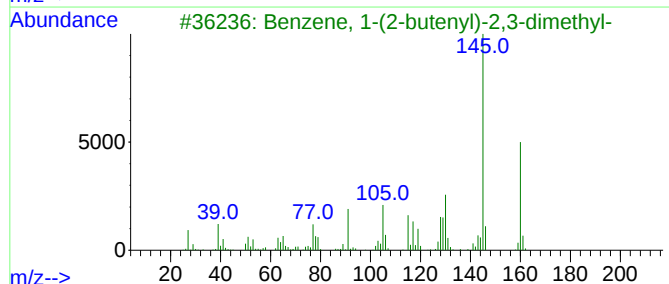
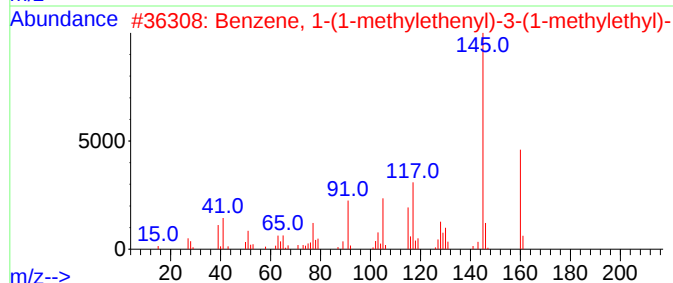
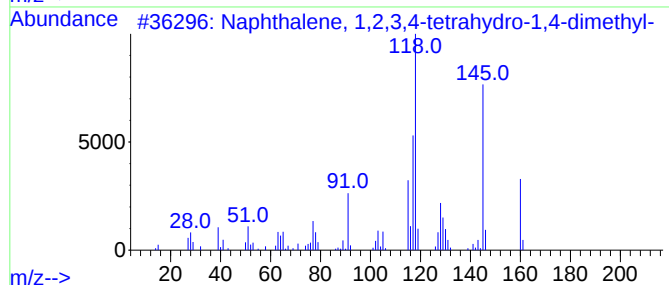
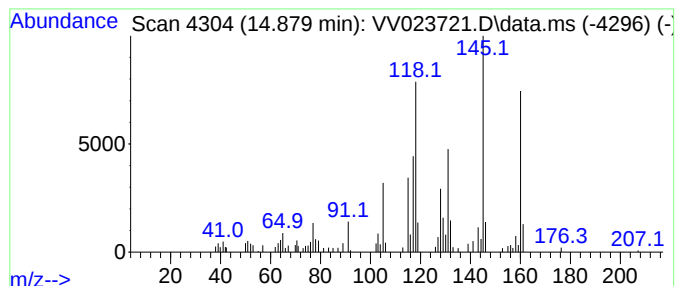
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 Benzene, 1-(1-methylethenyl)... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.879	0.95 ug/L	76482	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

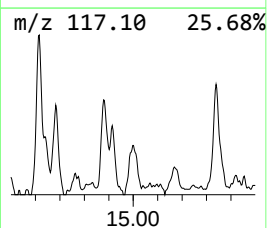
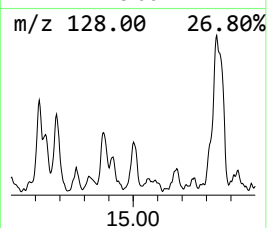
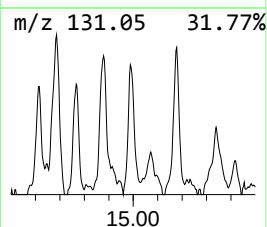
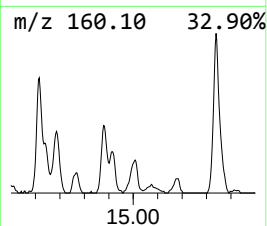
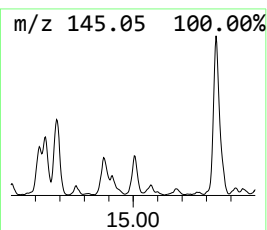
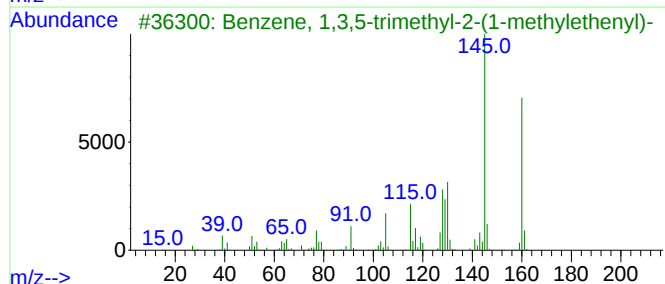
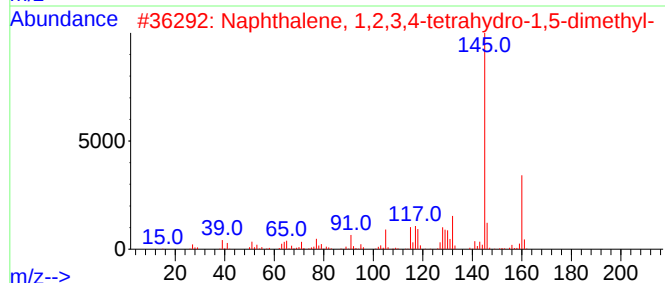
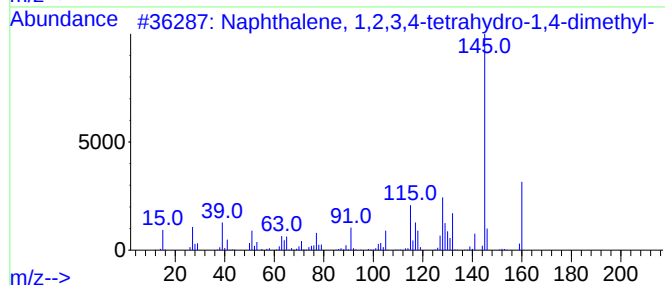
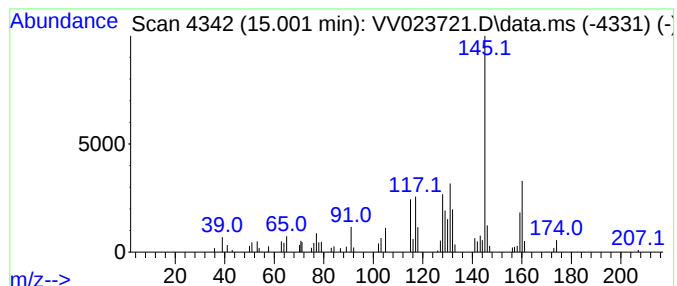
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.001	0.68 ug/L	54605	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
5			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

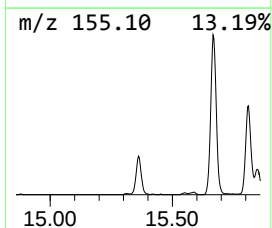
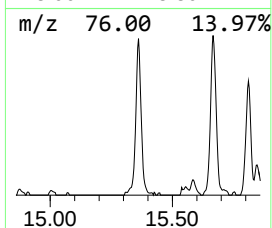
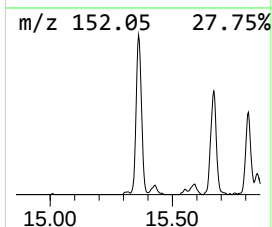
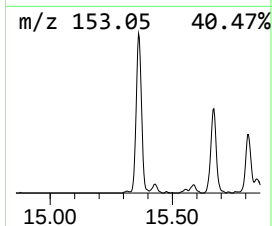
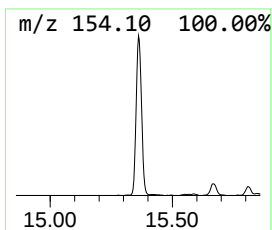
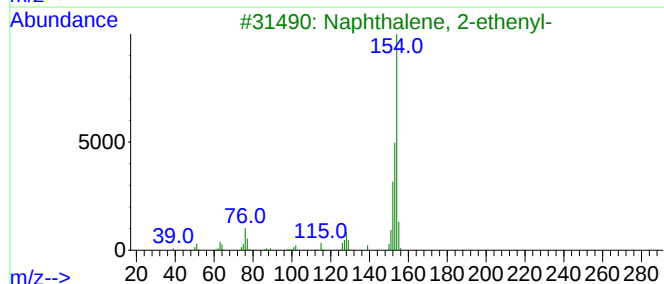
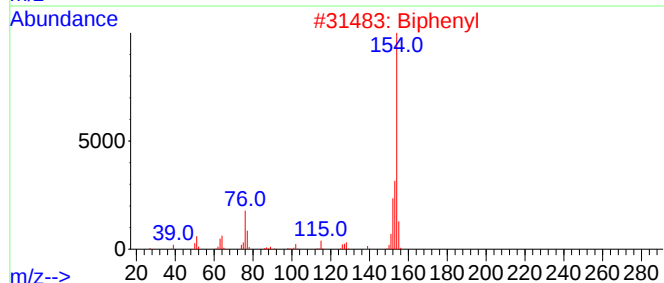
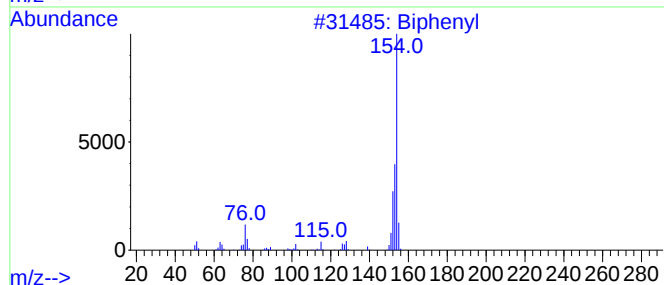
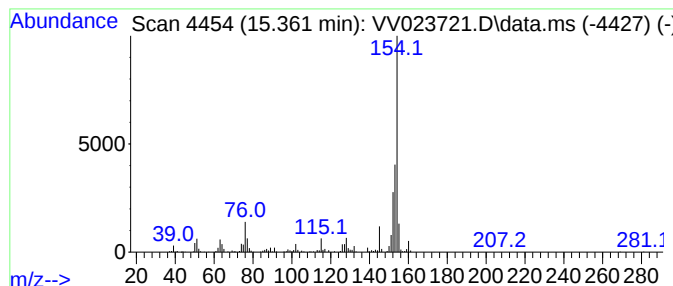
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 Biphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	5.77 ug/L	463700	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenyl	154	C12H10	000092-52-4	95
2		Biphenyl	154	C12H10	000092-52-4	94
3		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
4		Biphenyl	154	C12H10	000092-52-4	93
5		Biphenyl	154	C12H10	000092-52-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

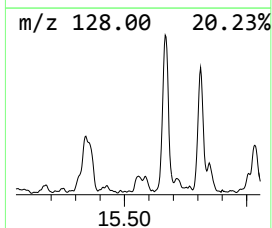
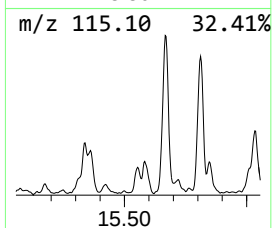
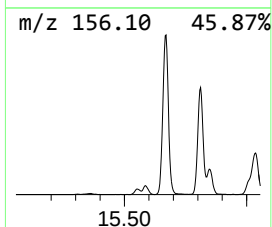
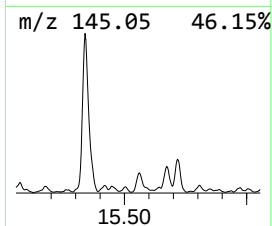
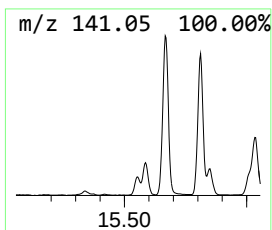
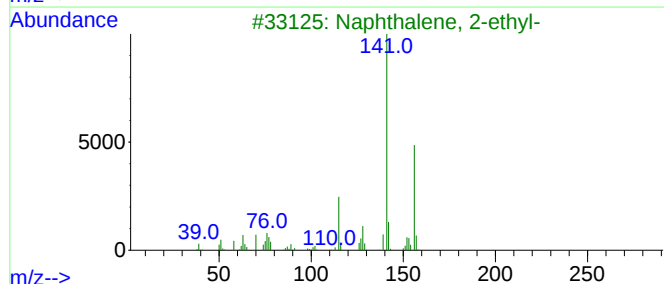
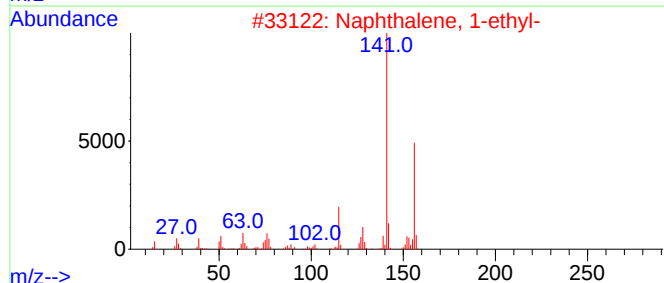
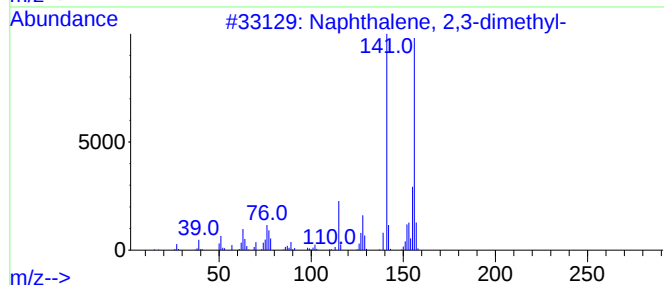
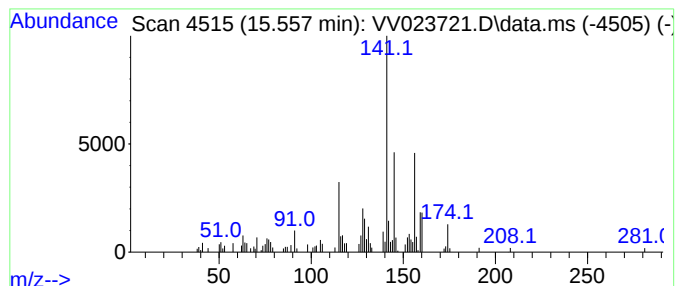
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	0.78 ug/L	62284	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

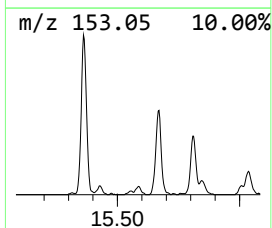
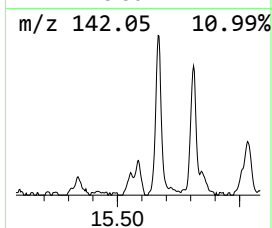
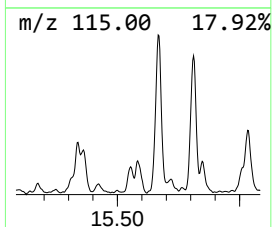
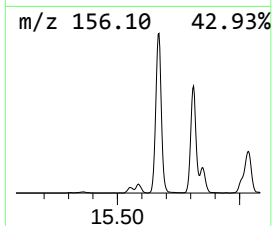
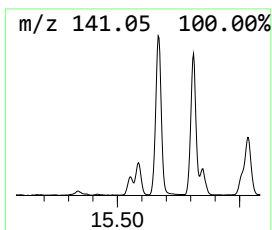
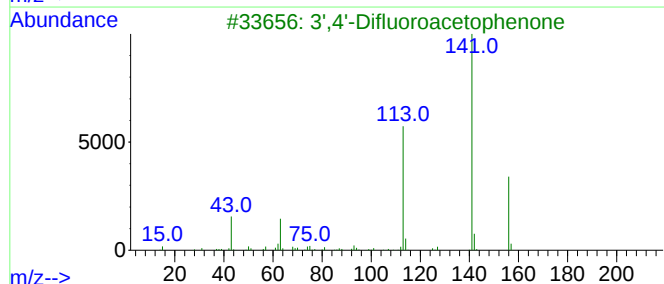
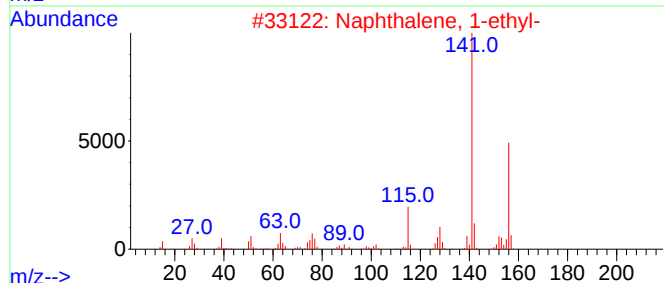
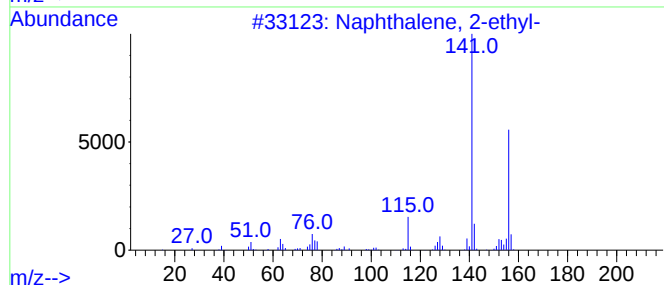
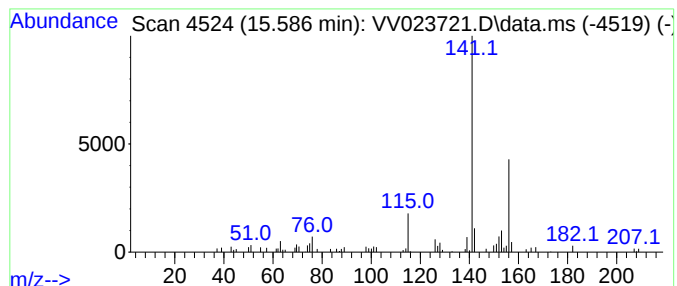
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 Naphthalene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	0.80 ug/L	64197	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	83
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	80
3			3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	72
4			Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	72
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

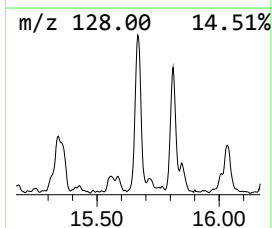
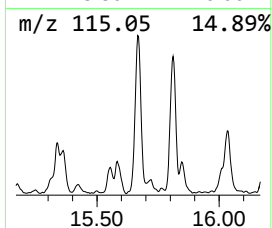
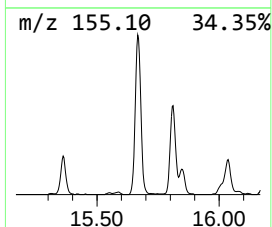
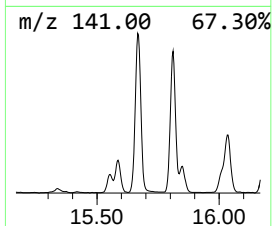
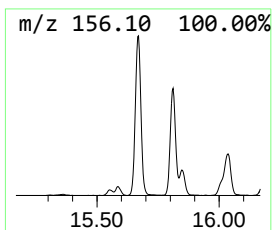
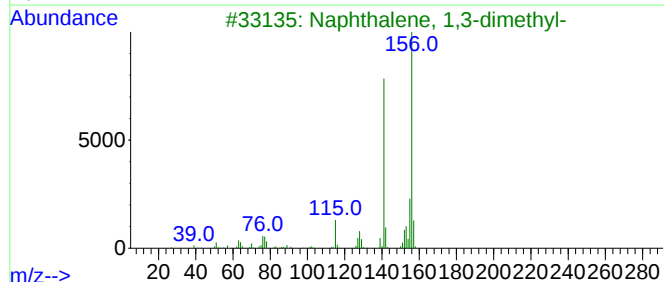
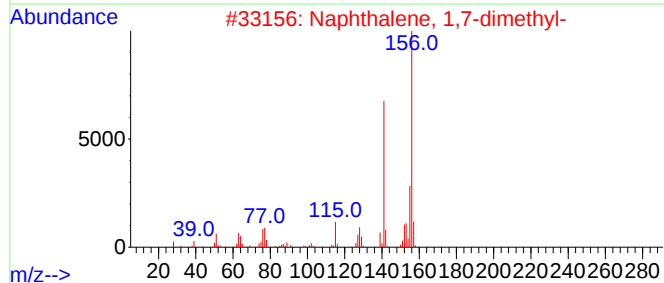
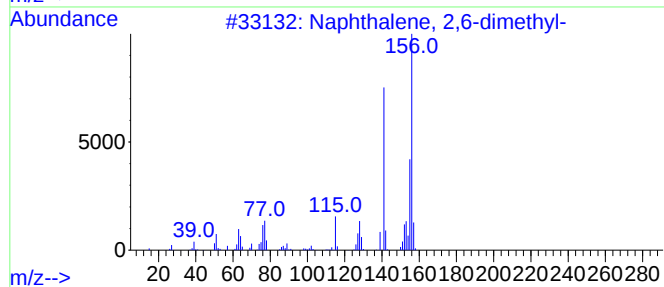
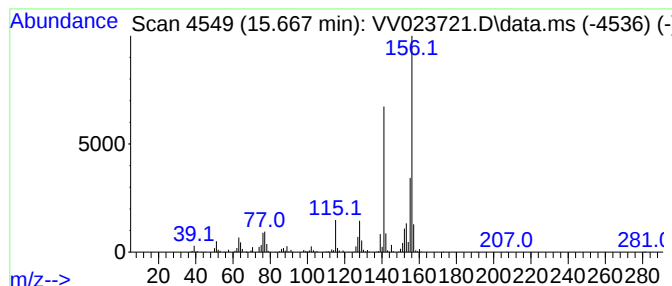
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	7.71 ug/L	619323	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

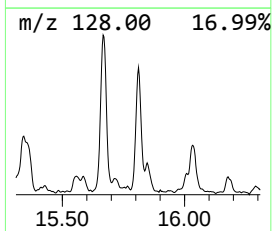
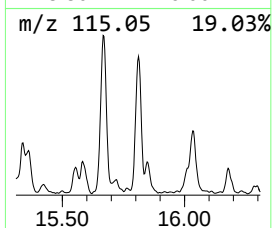
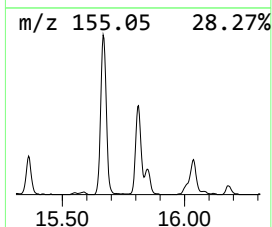
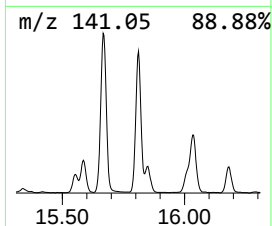
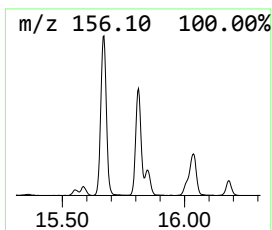
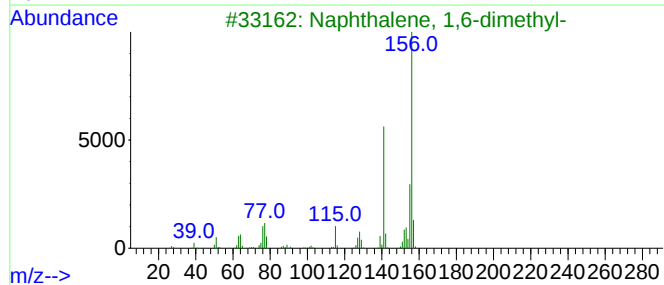
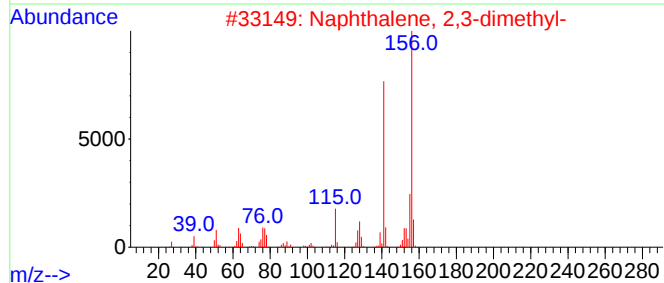
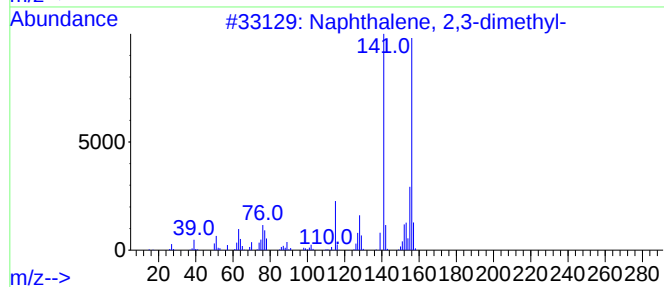
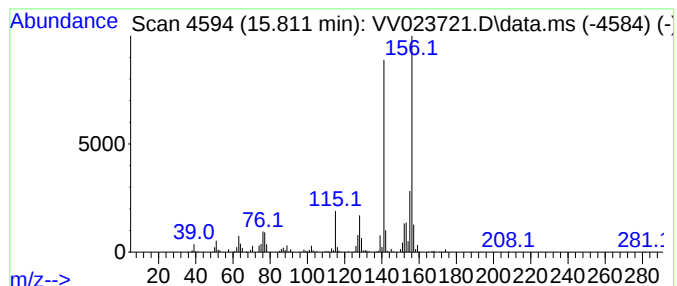
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	5.39 ug/L	433438	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

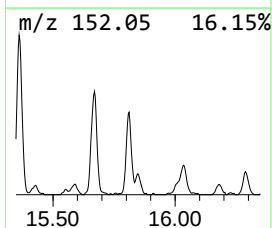
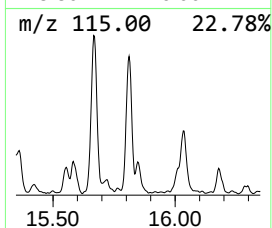
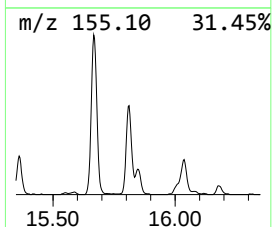
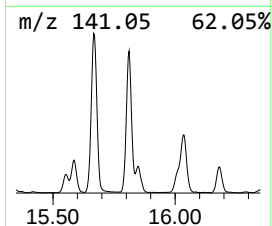
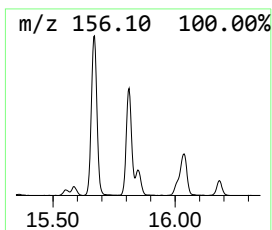
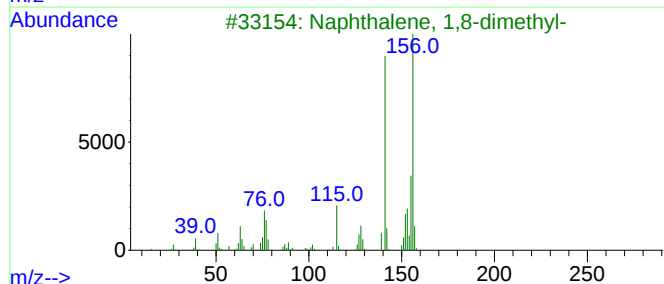
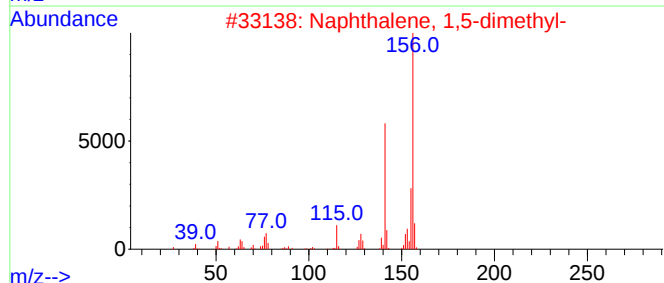
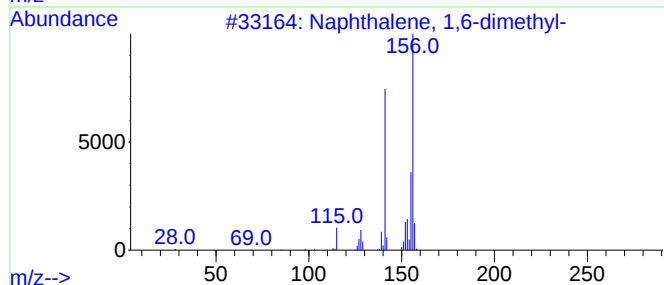
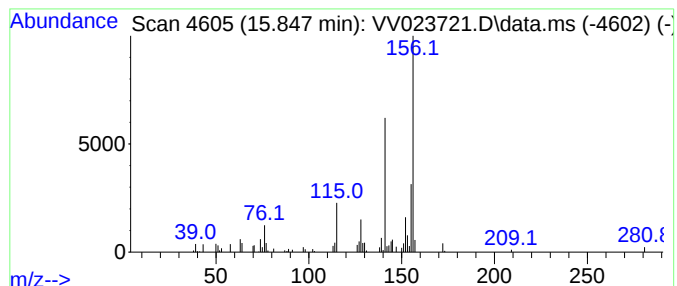
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.847	1.20 ug/L	96543	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	81
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

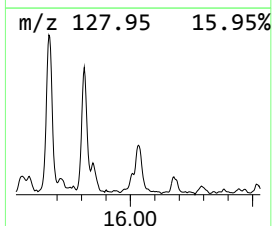
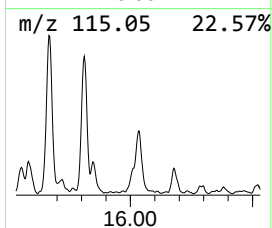
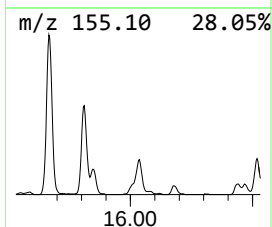
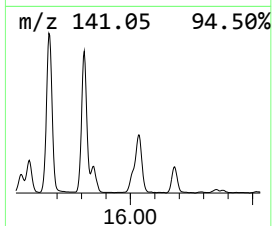
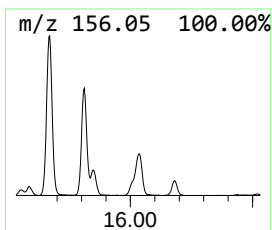
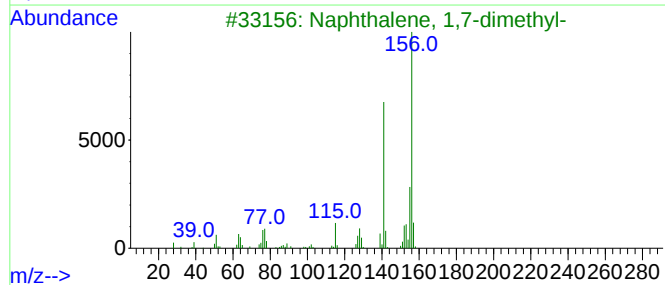
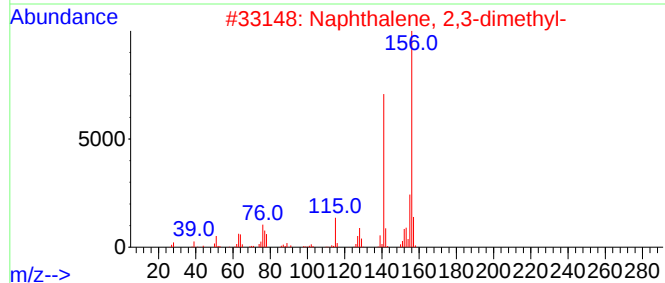
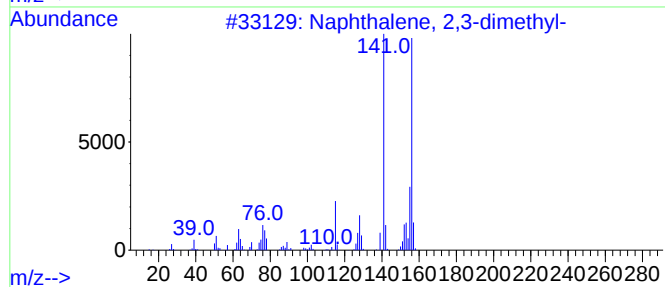
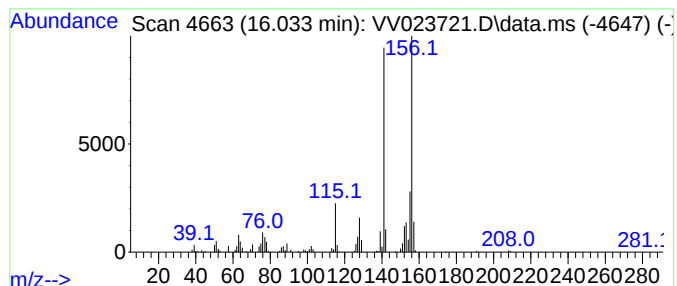
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 37 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	2.89 ug/L	232178	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

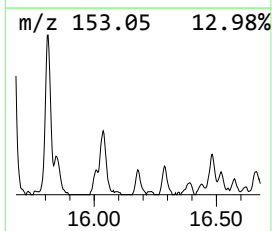
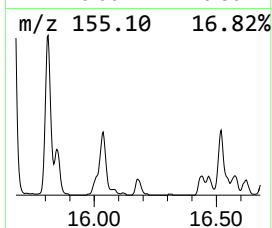
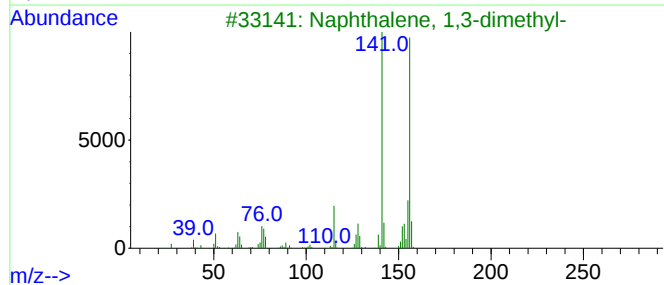
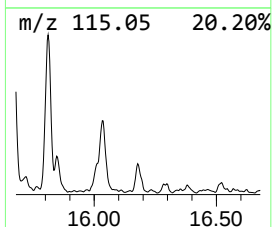
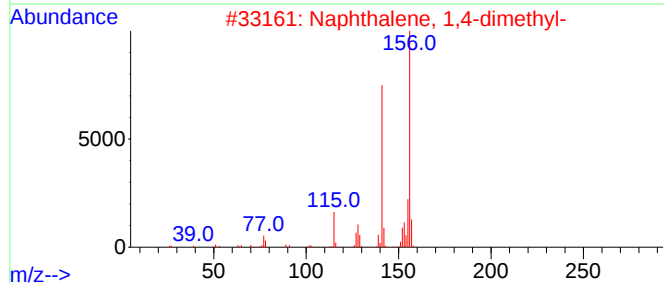
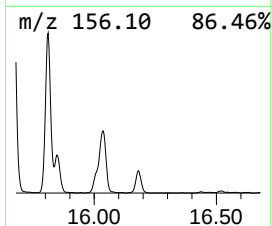
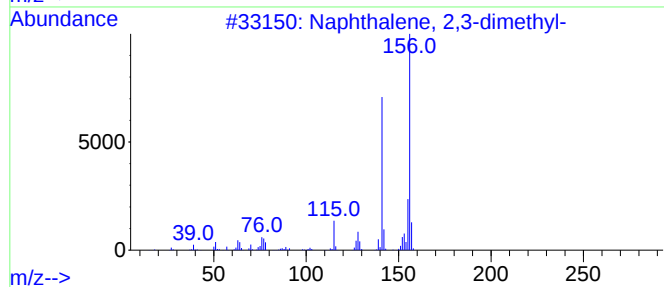
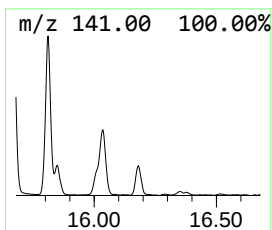
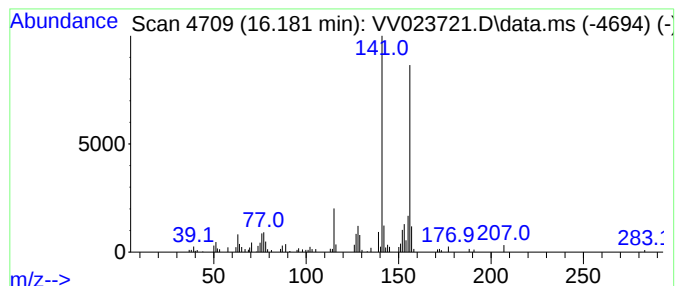
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 38 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	0.91 ug/L	73391	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023721.D
Acq On : 26 Nov 2021 13:25
Operator : SY/MD
Sample : M4821-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4671

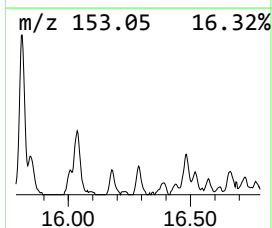
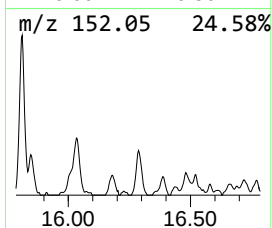
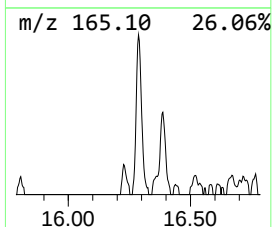
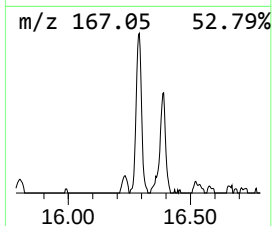
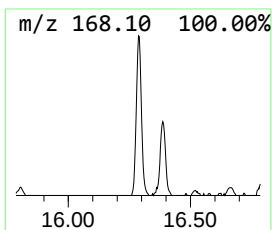
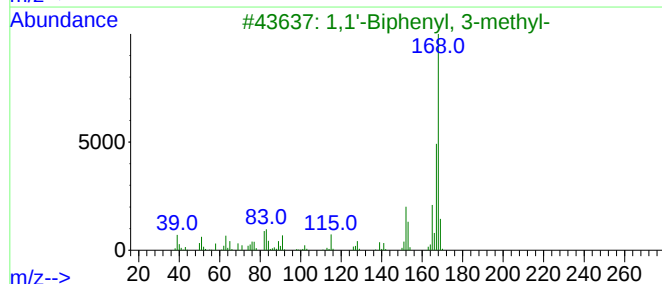
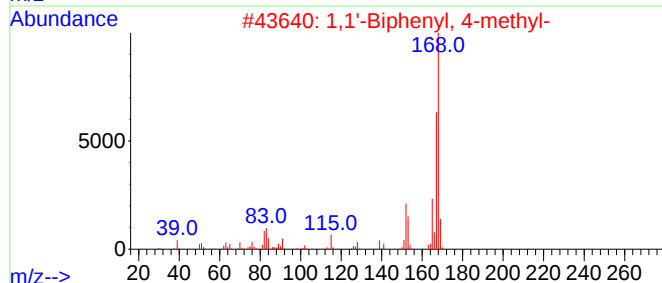
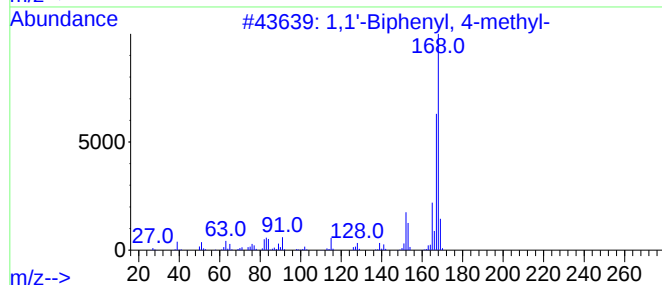
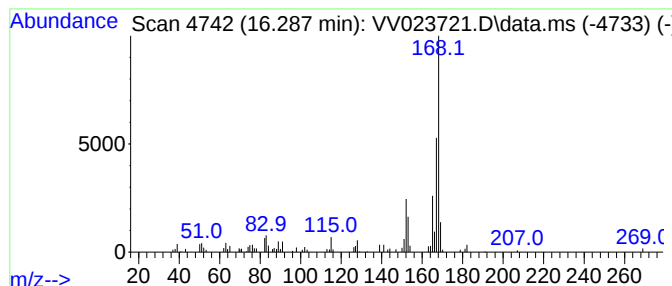
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 39 1,1'-Biphenyl, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	0.75 ug/L	60335	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-			168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 4-methyl-			168	C13H12	000644-08-6	93
3	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	91
4	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	91
5	1,1'-Biphenyl, 2-methyl-			168	C13H12	000643-58-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023721.D
 Acq On : 26 Nov 2021 13:25
 Operator : SY/MD
 Sample : M4821-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4671

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.108	4.3	ug/L	261730	1	5.616	307558	5.0
(DEL) Alkane: S...	1.410	0.8	ug/L	51846	1	5.616	307558	5.0
(DEL) Alkane: C...	1.812	0.7	ug/L	45354	1	5.616	307558	5.0
Ethanethiol	2.027	0.7	ug/L	41846	1	5.616	307558	5.0
Ethane, (methyl...	3.809	0.8	ug/L	47456	1	5.616	307558	5.0
Thiophene	5.362	1.1	ug/L	69670	1	5.616	307558	5.0
Hexanal	8.243	0.8	ug/L	62784	2	8.853	393586	5.0
Diethyl disulfide	10.014	3.8	ug/L	295553	2	8.853	393586	5.0
4-Heptanone, 2,...	10.696	0.6	ug/L	45598	3	11.249	401721	5.0
Benzene, 1,2,3-...	11.336	1.4	ug/L	114800	3	11.249	401721	5.0
Indane	11.529	0.8	ug/L	62780	3	11.249	401721	5.0
o-Cymene	12.014	0.6	ug/L	47925	3	11.249	401721	5.0
Benzene, 1-meth...	12.882	0.8	ug/L	62611	3	11.249	401721	5.0
Naphthalene, 1,...	13.046	0.6	ug/L	50982	3	11.249	401721	5.0
Azulene	13.503	1.5	ug/L	116884	3	11.249	401721	5.0
Naphthalene, 1,...	13.612	1.0	ug/L	79070	3	11.249	401721	5.0
Naphthalene, 1,...	13.705	1.2	ug/L	99160	3	11.249	401721	5.0
2-(2-Hydroxyphe...	14.294	0.9	ug/L	72725	3	11.249	401721	5.0
Naphthalene, 1,...	14.429	2.1	ug/L	166668	3	11.249	401721	5.0
Naphthalene, 2-...	14.631	3.7	ug/L	294618	3	11.249	401721	5.0
Naphthalene, 1,...	14.686	1.2	ug/L	94225	3	11.249	401721	5.0
Naphthalene, 1-...	14.815	5.2	ug/L	414711	3	11.249	401721	5.0
Benzene, 1-(1-m...	14.879	0.9	ug/L	76482	3	11.249	401721	5.0
Benzene, 1,3,5-...	15.001	0.7	ug/L	54605	3	11.249	401721	5.0
Biphenyl	15.361	5.8	ug/L	463700	3	11.249	401721	5.0
Naphthalene, 2,...	15.557	0.8	ug/L	62284	3	11.249	401721	5.0
Naphthalene, 2-...	15.586	0.8	ug/L	64197	3	11.249	401721	5.0
Naphthalene, 2,...	15.667	7.7	ug/L	619323	3	11.249	401721	5.0
Naphthalene, 1,...	15.811	5.4	ug/L	433438	3	11.249	401721	5.0
Naphthalene, 1,...	15.847	1.2	ug/L	96543	3	11.249	401721	5.0
Naphthalene, 1,...	16.033	2.9	ug/L	232178	3	11.249	401721	5.0
Naphthalene, 1,...	16.181	0.9	ug/L	73391	3	11.249	401721	5.0
1,1'-Biphenyl, ...	16.287	0.8	ug/L	60335	3	11.249	401721	5.0