

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
 Data File : VV026426.D
 Acq On : 18 Jun 2022 16:36
 Operator : SY/MD
 Sample : N3256-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK3

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\SFAMVTR061522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV026426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.236	54	61	63	rBV	17537	18182	1.43%	0.121%
2	1.326	82	89	112	rVB	210063	239060	18.85%	1.590%
3	1.555	137	160	163	rBV2	51657	154871	12.21%	1.030%
4	1.584	164	169	182	rVV	137282	212591	16.76%	1.414%
5	1.651	183	190	208	rVB	113869	172287	13.58%	1.146%
6	1.822	237	243	258	rVB2	48612	71154	5.61%	0.473%
7	1.918	266	273	284	rVB	54722	73978	5.83%	0.492%
8	1.998	292	298	304	rVV	17444	23535	1.86%	0.157%
9	2.040	305	311	325	rVV	29320	47778	3.77%	0.318%
10	2.124	328	337	353	rVB	235149	347874	27.42%	2.314%
11	2.310	386	395	409	rBV	9009	14739	1.16%	0.098%
12	2.542	446	467	476	rBV5	11134	35352	2.79%	0.235%
13	2.593	476	483	500	rVB3	10111	20632	1.63%	0.137%
14	2.773	528	539	554	rVB3	7205	14634	1.15%	0.097%
15	3.056	614	627	641	rVB2	5770	12939	1.02%	0.086%
16	3.776	834	851	864	rBV5	8458	20696	1.63%	0.138%
17	3.931	884	899	937	rBV	40835	181743	14.33%	1.209%
18	4.117	947	957	981	rVB3	6646	21920	1.73%	0.146%
19	4.362	1016	1033	1061	rBV2	171290	515880	40.67%	3.432%
20	5.053	1230	1248	1282	rBV2	355258	873415	68.85%	5.810%
21	5.236	1294	1305	1322	rVB4	6615	18240	1.44%	0.121%
22	5.622	1412	1425	1454	rBV	307967	634526	50.02%	4.221%
23	6.072	1552	1565	1593	rBV	181994	393293	31.00%	2.616%
24	6.989	1838	1850	1869	rBV	70085	134534	10.61%	0.895%
25	7.317	1941	1952	1967	rBV	451054	779710	61.47%	5.187%
26	7.394	1967	1976	1997	rVB	46478	91264	7.19%	0.607%
27	7.625	2036	2048	2065	rBV	35605	65418	5.16%	0.435%
28	7.940	2131	2146	2157	rBV2	7617	14218	1.12%	0.095%
29	8.091	2183	2193	2223	rBV	233782	480179	37.85%	3.194%
30	8.850	2417	2429	2456	rBV	445044	728790	57.45%	4.848%
31	9.011	2468	2479	2503	rBV	104447	176067	13.88%	1.171%
32	9.136	2506	2518	2538	rBV	352805	587262	46.29%	3.907%
33	9.542	2627	2644	2662	rBV	143474	239321	18.87%	1.592%
34	10.214	2842	2853	2871	rBV	116235	186097	14.67%	1.238%
35	10.358	2886	2898	2899	rBV2	22383	26658	2.10%	0.177%
36	10.377	2900	2904	2915	rVV	33862	51925	4.09%	0.345%

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 Title : TRACE VOA SFAM1.0

37	10.445	2915	2925	2944	rVV	94318	207050	16.32%	1.377%
38	10.538	2944	2954	2972	rVB	57932	94846	7.48%	0.631%
39	10.738	3006	3016	3035	rVB	47125	74480	5.87%	0.495%
40	10.911	3057	3070	3089	rBV	274321	429725	33.88%	2.859%
41	11.246	3163	3174	3192	rBV	465697	710875	56.04%	4.729%
42	11.332	3192	3201	3218	rVB	90565	144796	11.41%	0.963%
43	11.525	3250	3261	3271	rBV	69555	130819	10.31%	0.870%
44	11.574	3271	3276	3282	rVV	27184	40836	3.22%	0.272%
45	11.622	3282	3291	3311	rVB2	413169	711233	56.07%	4.731%
46	11.818	3344	3352	3363	rVB	11864	18766	1.48%	0.125%
47	11.908	3370	3380	3385	rBV	34847	50832	4.01%	0.338%
48	11.940	3385	3390	3400	rVV	30727	44983	3.55%	0.299%
49	12.014	3401	3413	3435	rVB	56286	97954	7.72%	0.652%
50	12.114	3435	3444	3467	rBV4	21063	43945	3.46%	0.292%
51	12.313	3495	3506	3514	rBV	17977	27050	2.13%	0.180%
52	12.410	3526	3536	3545	rBV	56673	84473	6.66%	0.562%
53	12.464	3545	3553	3569	rVB	90163	135418	10.68%	0.901%
54	12.725	3624	3634	3646	rVB	63422	97319	7.67%	0.647%
55	12.879	3662	3682	3697	rVV2	144109	264738	20.87%	1.761%
56	12.947	3699	3703	3711	rVB4	13976	18430	1.45%	0.123%
57	12.998	3712	3719	3726	rVV	13796	18499	1.46%	0.123%
58	13.049	3726	3735	3745	rVB4	14397	26114	2.06%	0.174%
59	13.165	3760	3771	3777	rBV3	13185	20439	1.61%	0.136%
60	13.213	3777	3786	3794	rVB3	17246	27853	2.20%	0.185%
61	13.268	3794	3803	3809	rBV4	38385	60035	4.73%	0.399%
62	13.365	3827	3833	3839	rBV2	11452	13302	1.05%	0.088%
63	13.400	3839	3844	3853	rVB2	15175	21411	1.69%	0.142%
64	13.500	3857	3875	3899	rBV	577975	908142	71.59%	6.041%
65	13.622	3899	3913	3931	rVB	15582	38087	3.00%	0.253%
66	13.712	3931	3941	3950	rBV6	16084	33222	2.62%	0.221%
67	13.766	3951	3958	3967	rVB4	16236	26309	2.07%	0.175%
68	13.908	3992	4002	4016	rVB2	45617	68885	5.43%	0.458%
69	14.085	4048	4057	4071	rBV2	37365	76654	6.04%	0.510%
70	14.229	4093	4102	4113	rBV2	26199	44768	3.53%	0.298%
71	14.291	4113	4121	4134	rVB4	29839	57107	4.50%	0.380%
72	14.438	4153	4167	4175	rBV10	8046	19675	1.55%	0.131%
73	14.628	4214	4226	4245	rVV	838857	1268532	100.00%	8.439%
74	14.760	4255	4267	4273	rBV6	6544	13579	1.07%	0.090%
75	14.811	4273	4283	4296	rVV	382565	595856	46.97%	3.964%
76	14.876	4298	4303	4315	rVB9	8637	13629	1.07%	0.091%

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Title : TRACE VOA SFAM1.0

77	15.335	4439	4446	4450	rBV4	10754	14737	1.16%	0.098%
78	15.551	4503	4513	4520	rBV	38357	61432	4.84%	0.409%
79	15.663	4538	4548	4570	rBV2	91387	161360	12.72%	1.073%
80	15.808	4582	4593	4600	rBV	102082	159021	12.54%	1.058%
81	15.847	4600	4605	4621	rVB2	50758	76479	6.03%	0.509%
82	16.033	4647	4663	4680	rVB3	25897	60191	4.74%	0.400%
83	16.181	4699	4709	4721	rVB2	14743	22505	1.77%	0.150%
84	16.483	4796	4803	4810	rBV4	9658	14813	1.17%	0.099%

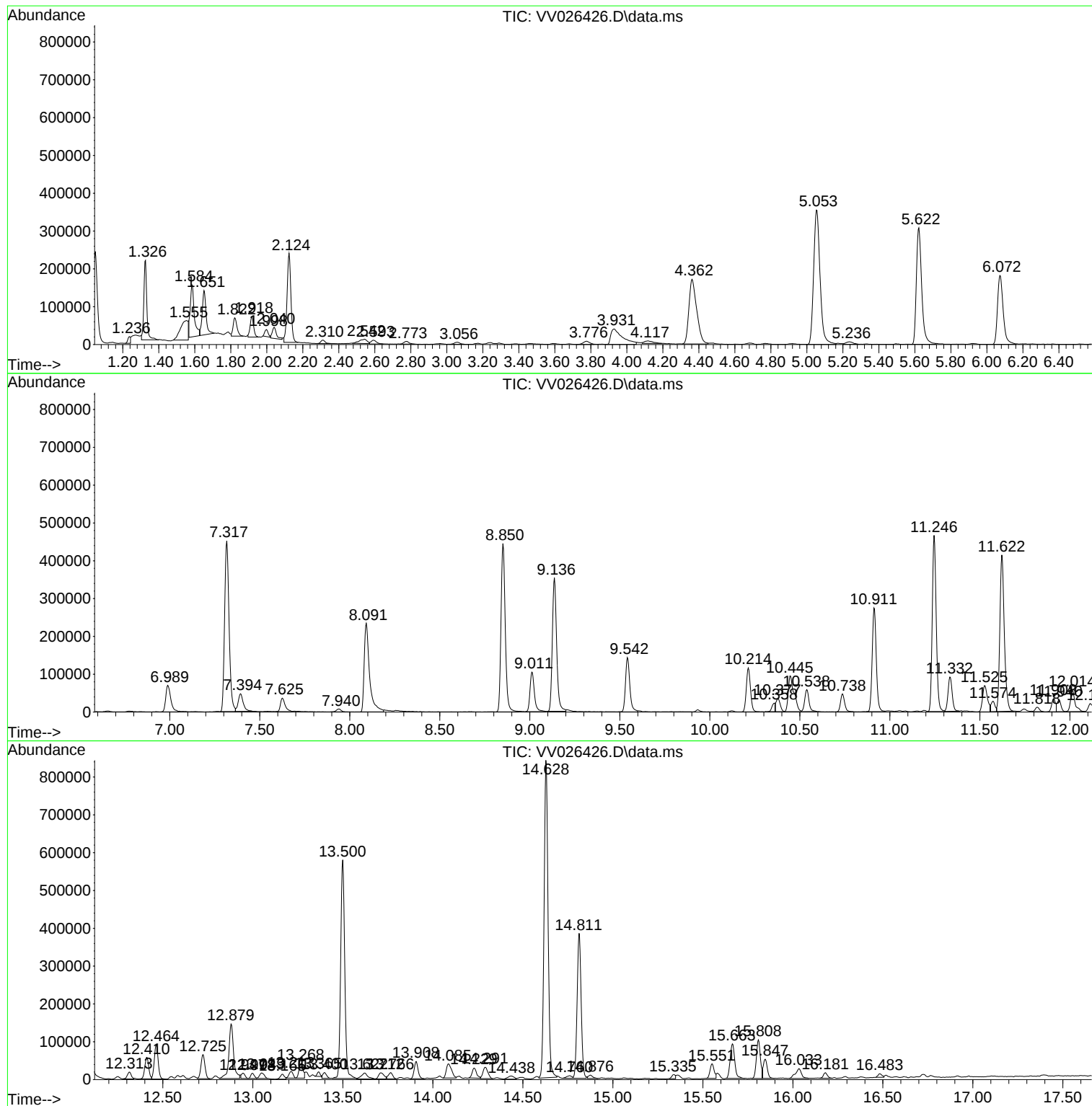
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
MSVOA_V
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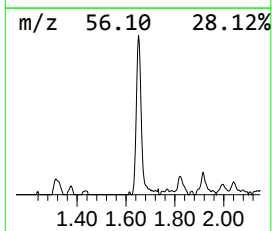
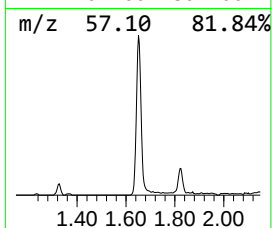
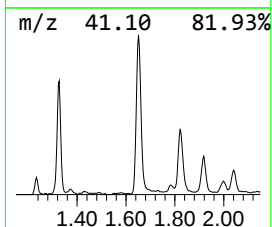
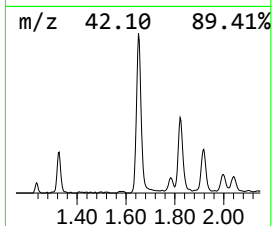
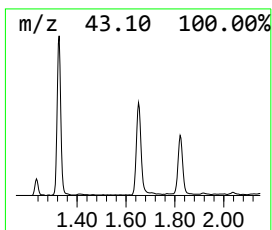
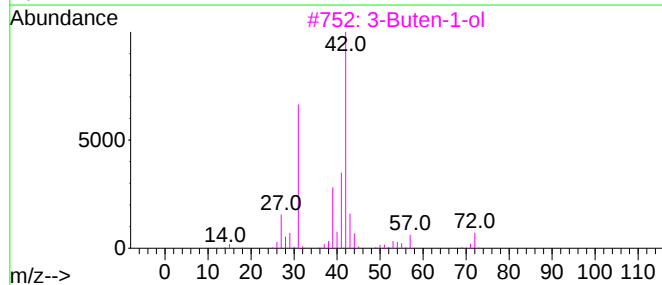
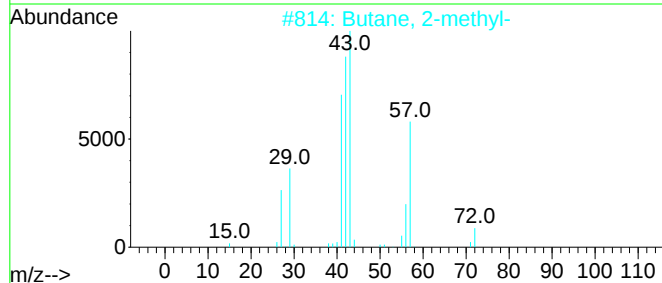
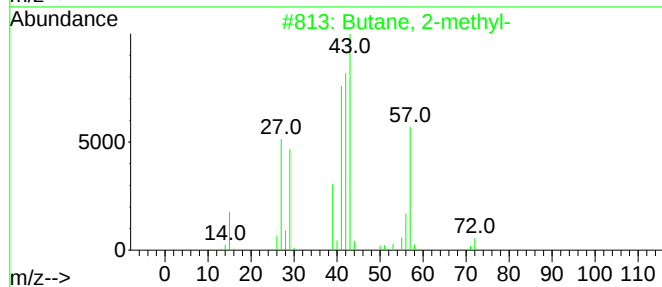
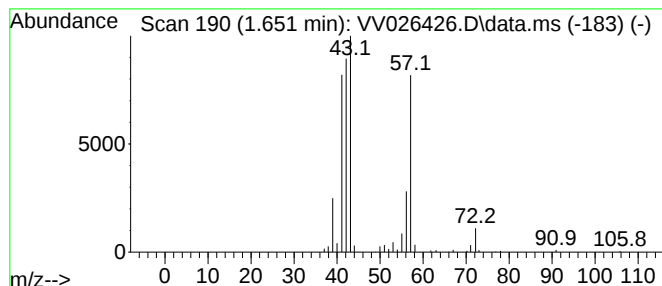
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.651	1.36 ug/L	172287	1,4-Difluorobenzene	5.622

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			Butane, 2-methyl-	72	C5H12	000078-78-4	72
3			3-Buten-1-ol	72	C4H8O	000627-27-0	47
4			Isobutylene epoxide	72	C4H8O	000558-30-5	40
5			Pentane	72	C5H12	000109-66-0	37



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Instrument :
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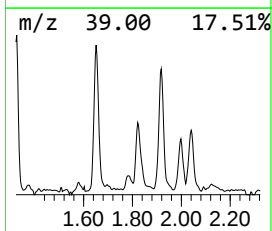
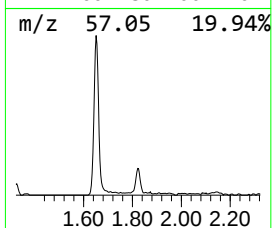
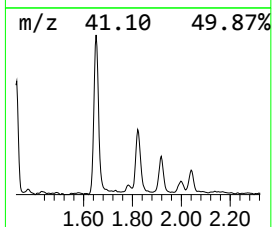
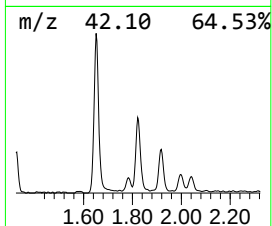
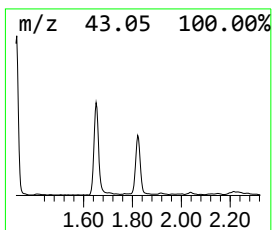
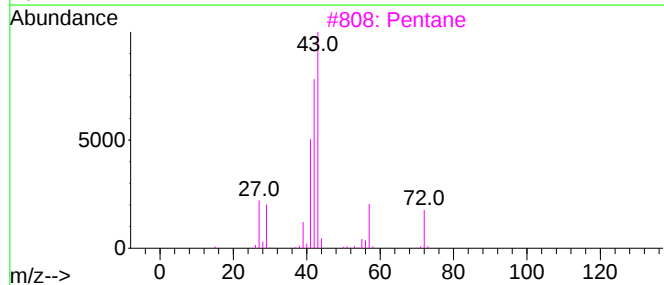
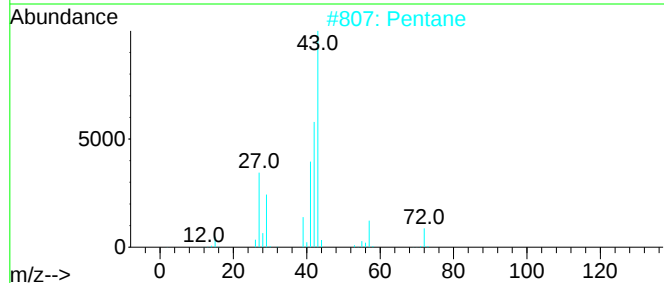
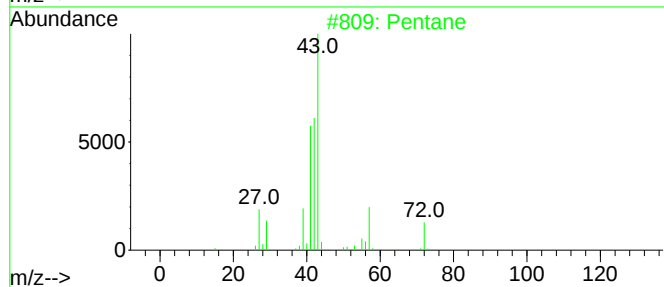
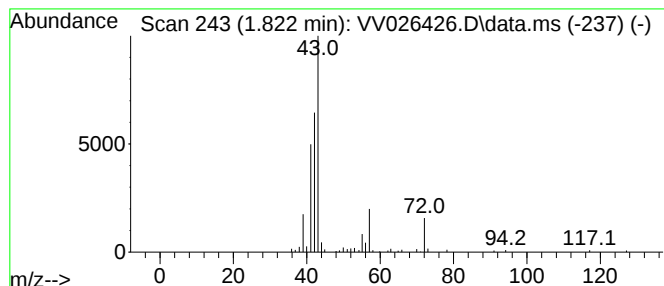
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.822	0.56 ug/L	71154	1,4-Difluorobenzene	5.622

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	86



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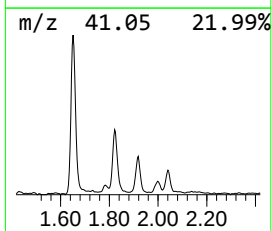
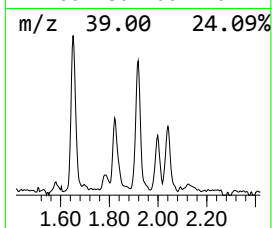
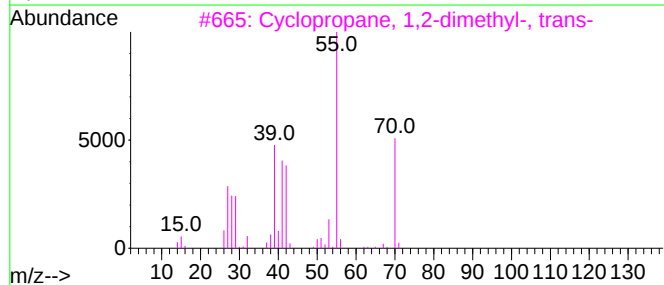
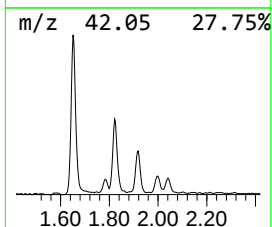
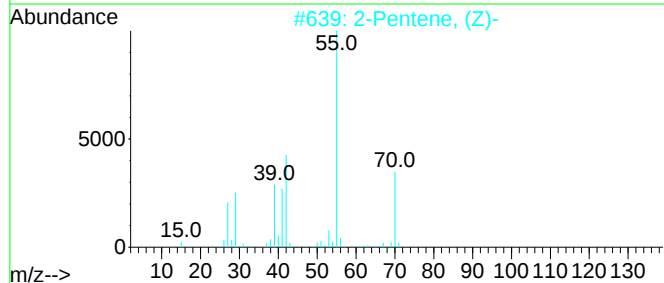
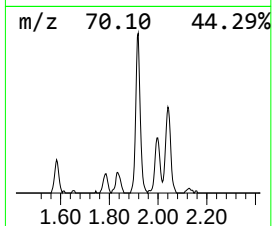
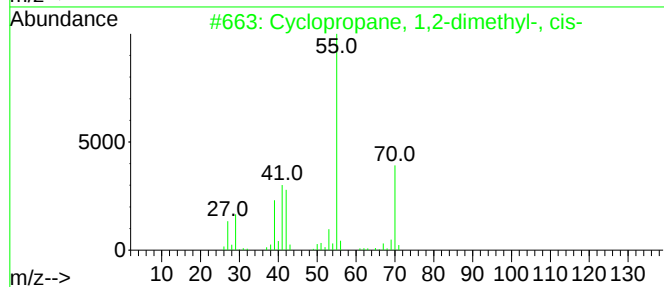
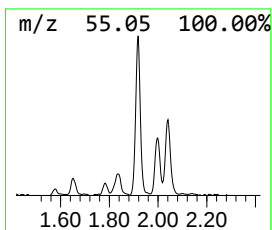
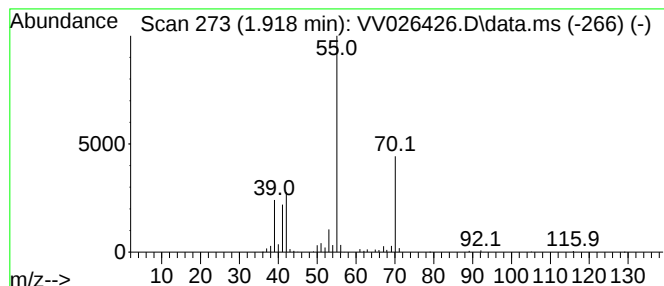
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic1.918 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.918	0.58 ug/L	73978	1,4-Difluorobenzene	5.622

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
2			2-Pentene, (Z)-	70	C5H10	000627-20-3	86
3			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4			2-Methyl-1-butene	70	C5H10	000563-46-2	80
5			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	72



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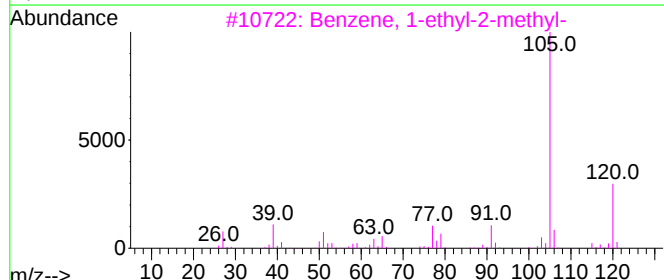
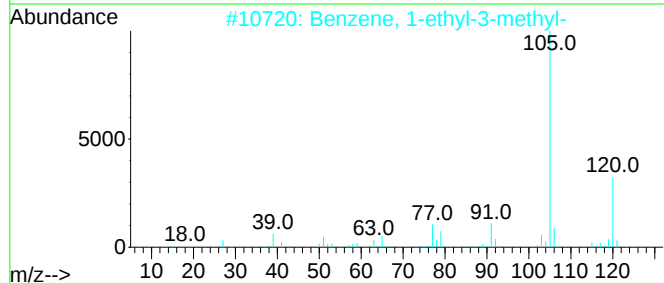
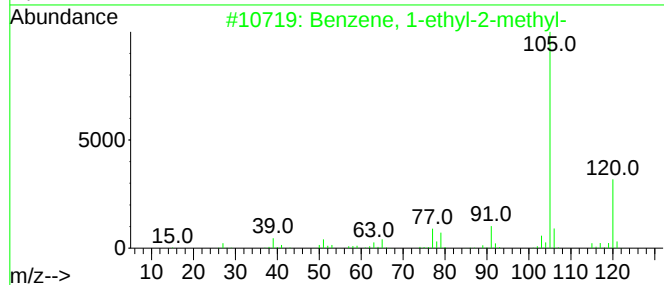
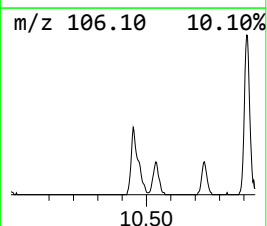
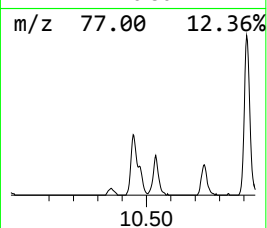
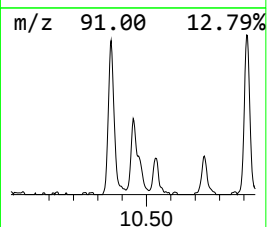
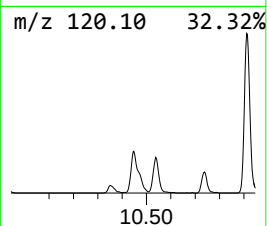
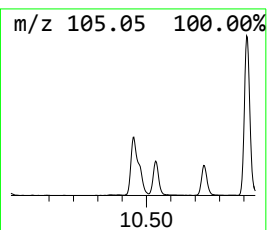
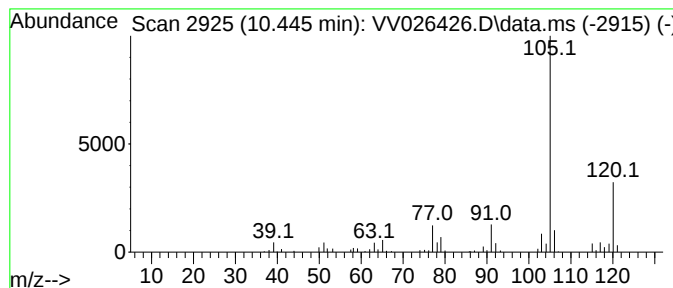
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	1.46 ug/L	207050	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

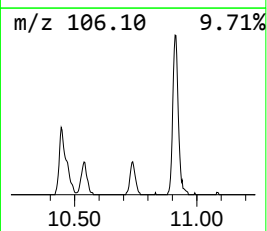
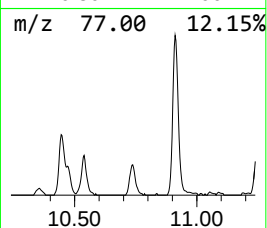
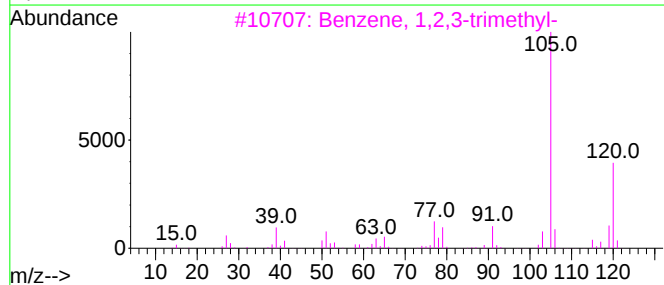
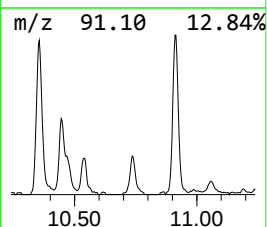
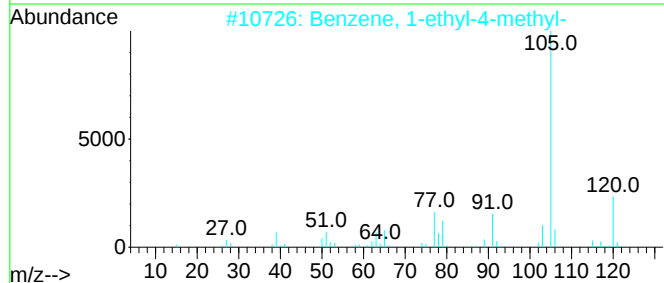
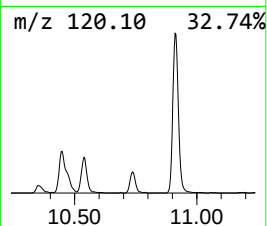
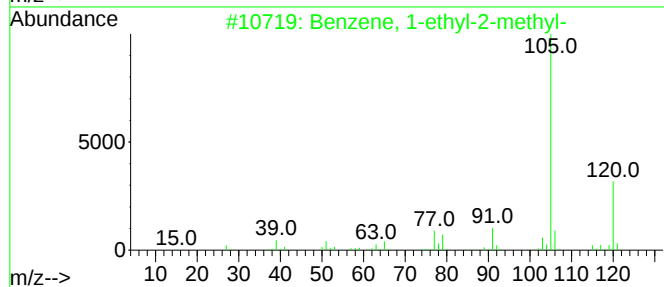
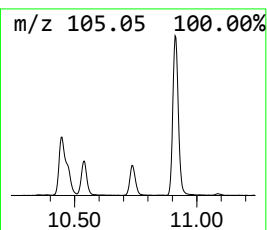
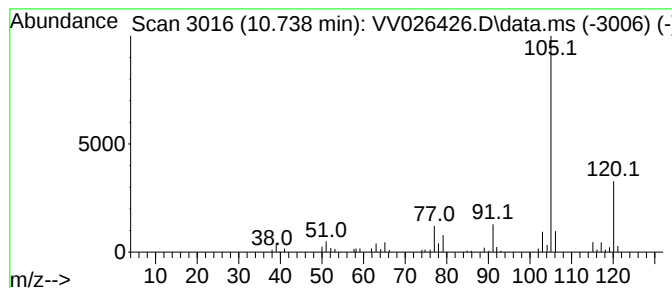
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	0.52 ug/L	74480	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

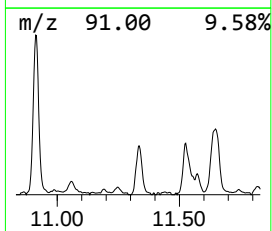
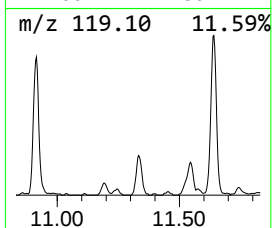
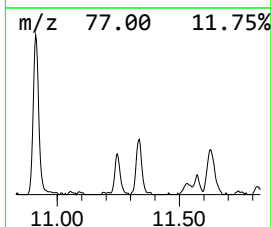
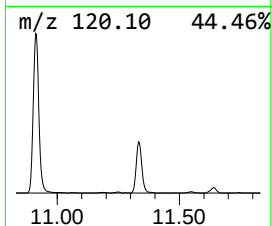
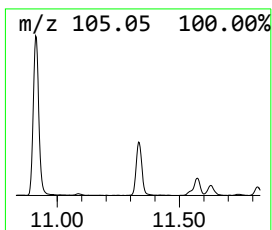
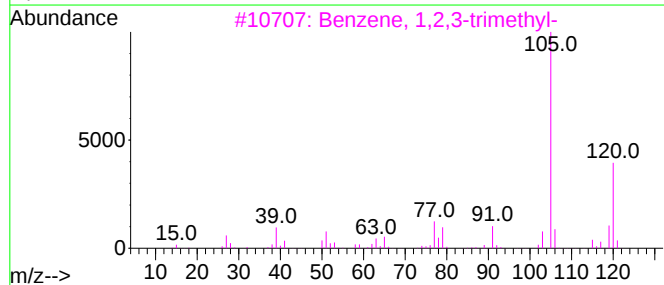
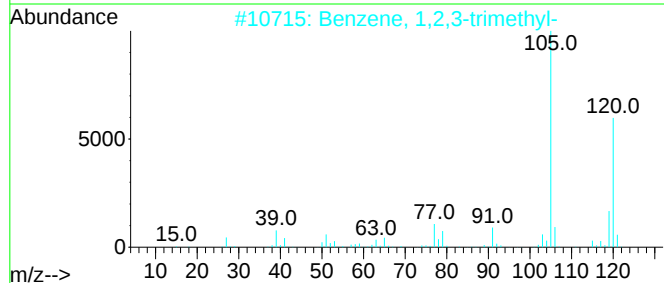
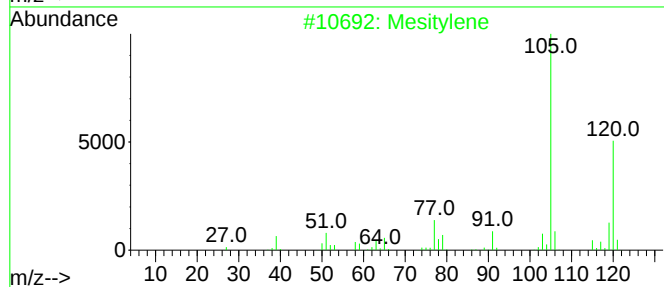
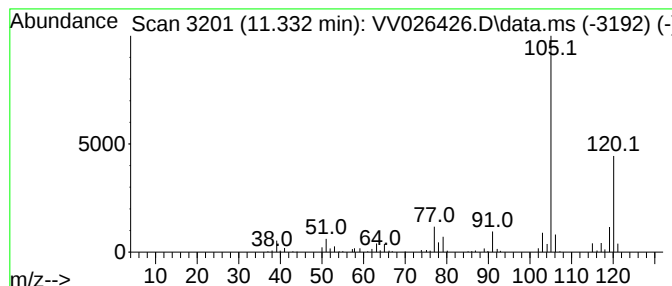
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.332	1.02 ug/L	144796	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

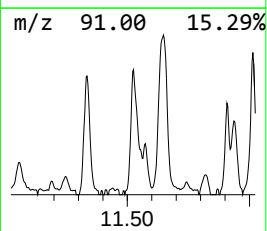
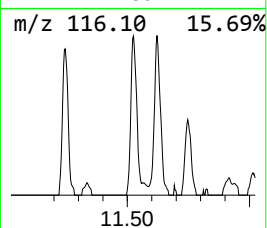
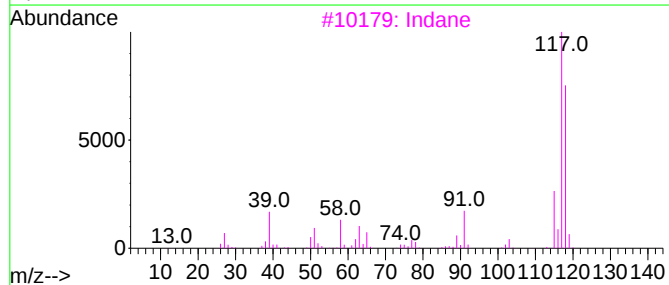
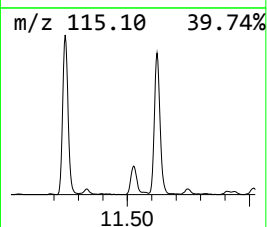
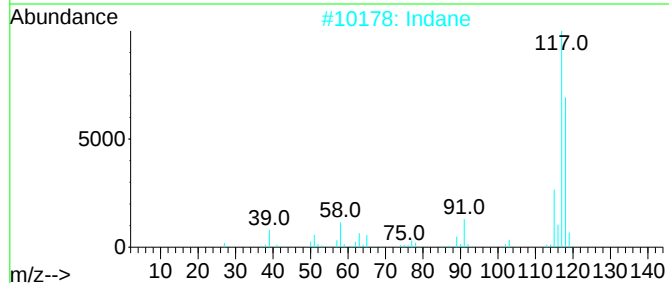
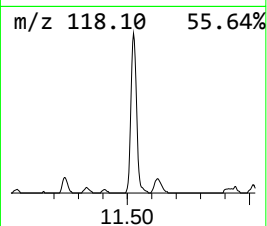
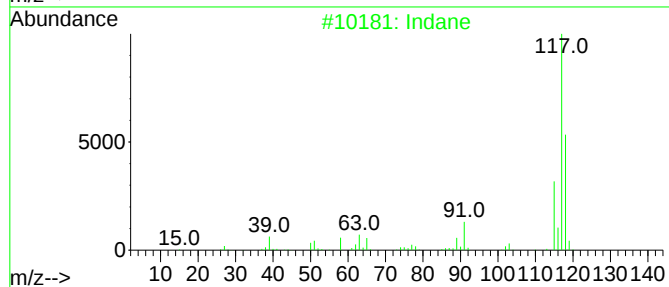
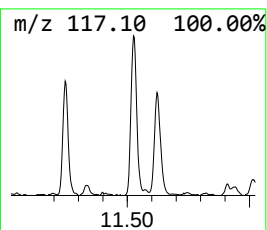
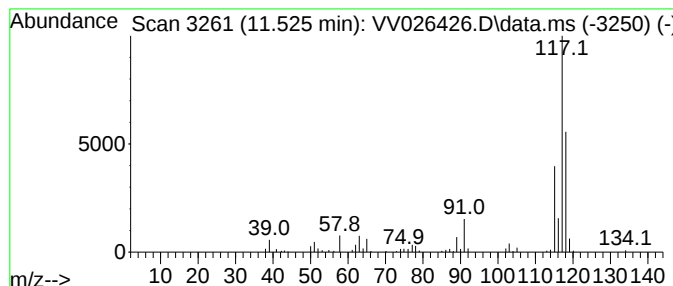
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	0.92 ug/L	130819	1,4-Dichlorobenzene-d4	11.246

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	76
4	Benzene, cyclopropyl-			118	C9H10	000873-49-4	70
5	7-Methylenecycloocta-1,3,5-triene			118	C9H10	002570-13-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

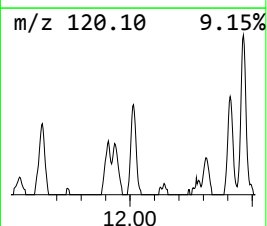
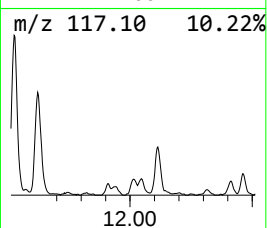
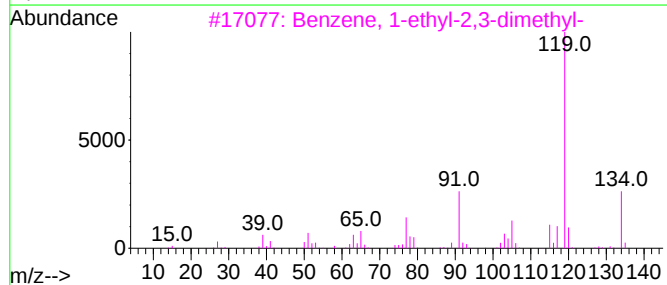
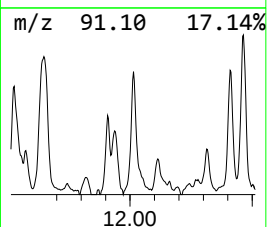
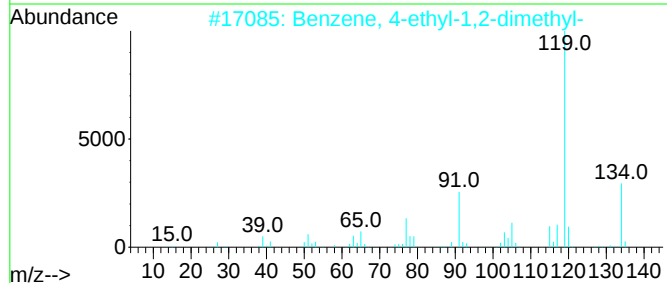
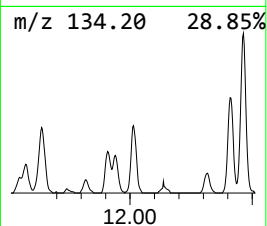
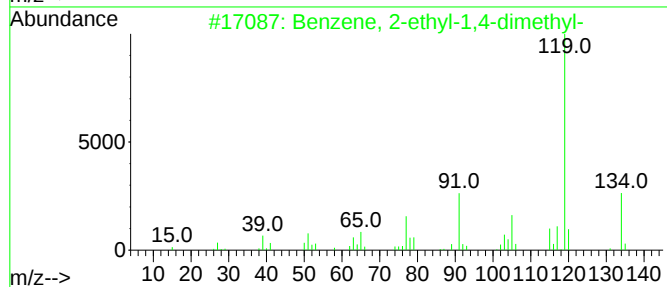
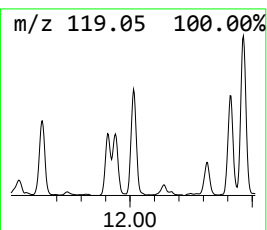
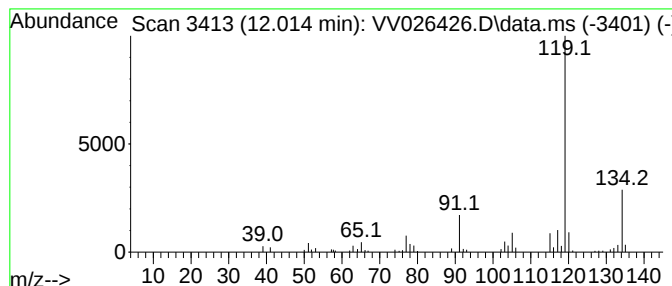
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	0.69 ug/L	97954	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

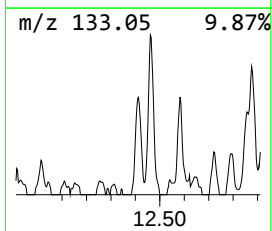
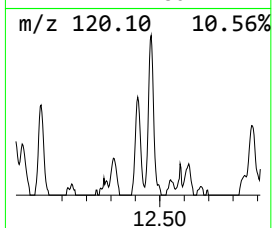
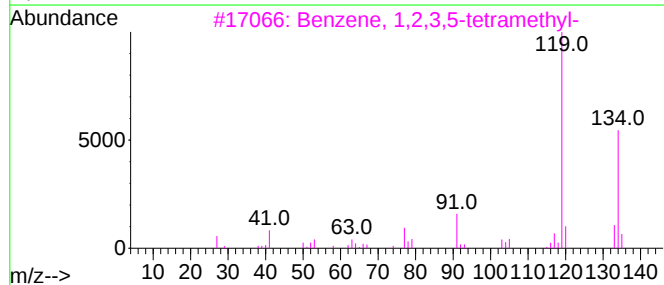
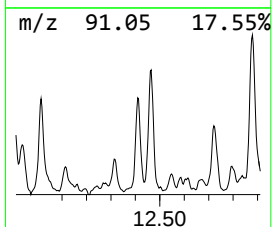
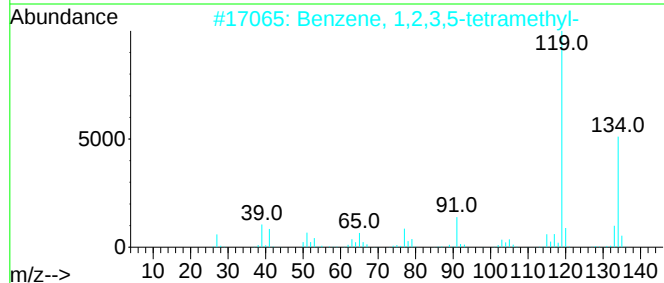
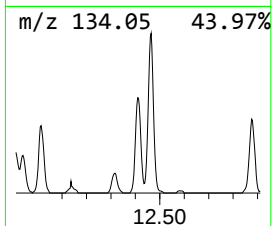
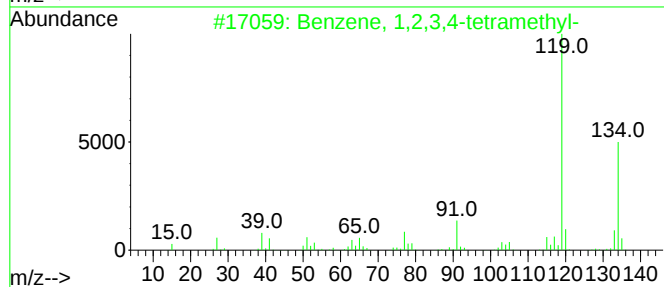
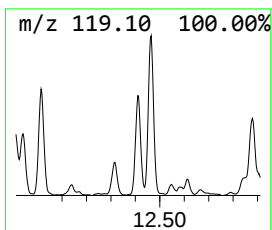
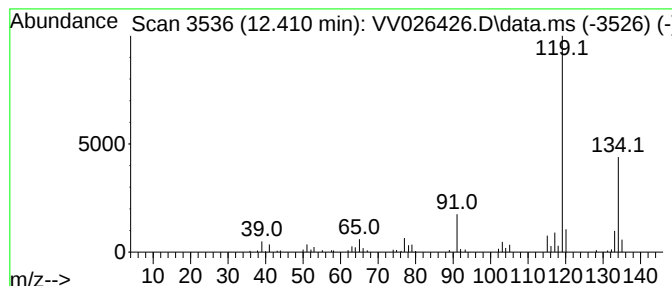
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	0.59 ug/L	84473	1,4-Dichlorobenzene-d4	11.246

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

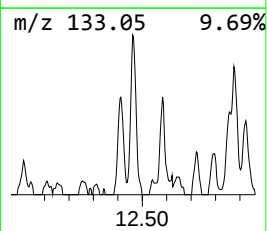
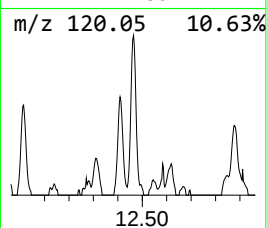
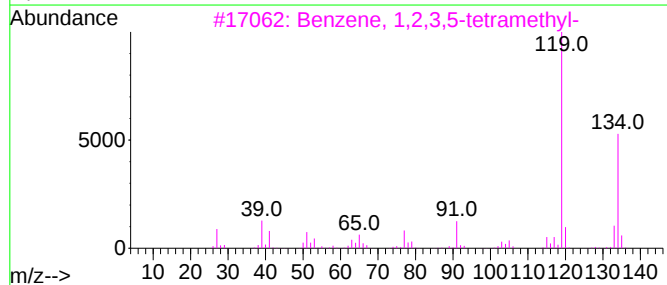
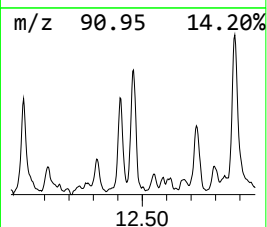
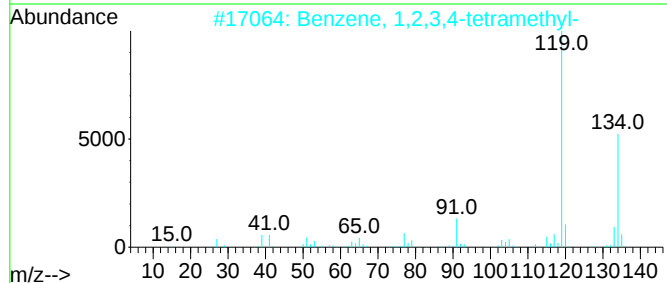
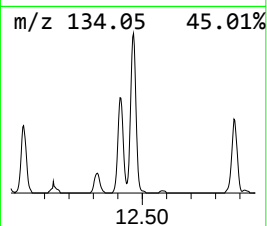
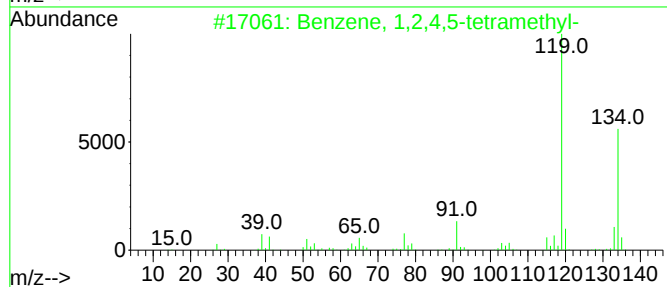
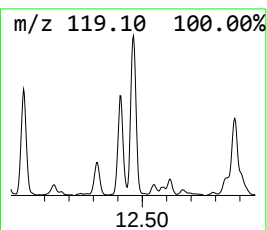
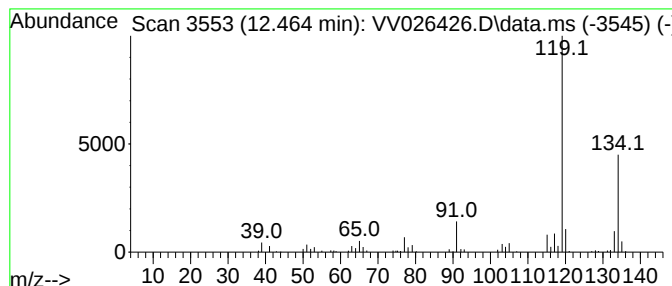
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	0.95 ug/L	135418	1,4-Dichlorobenzene-d4	11.246

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

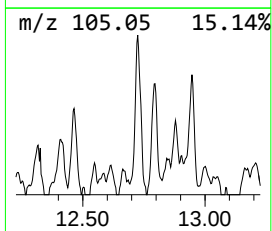
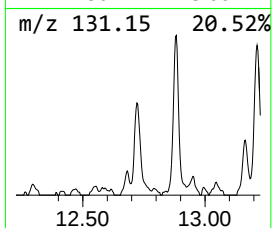
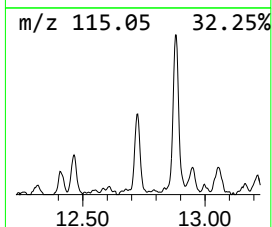
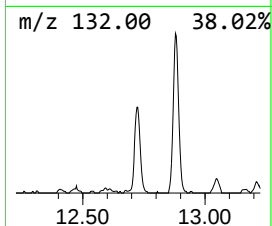
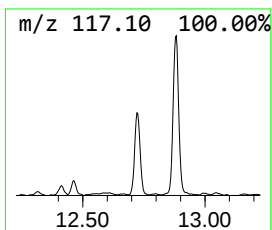
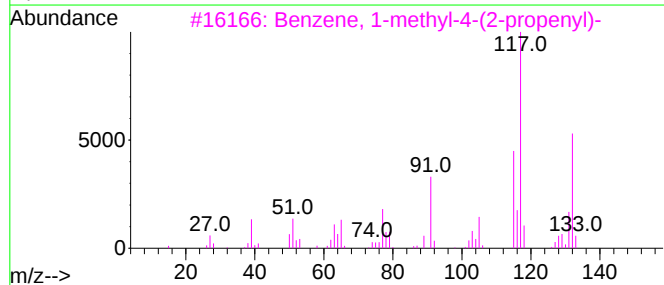
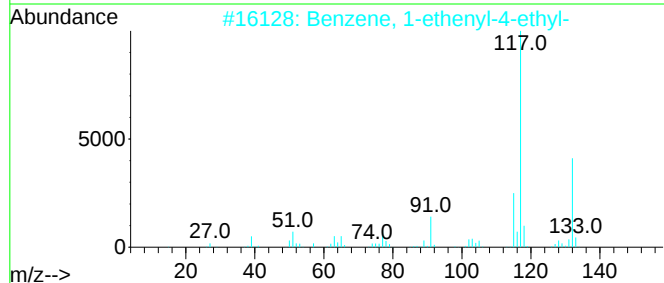
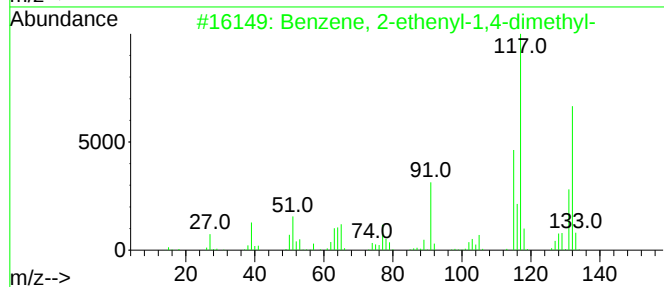
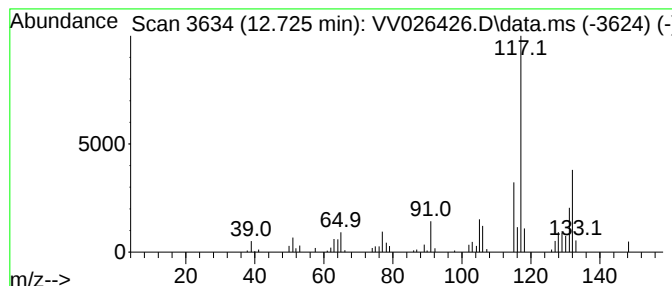
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	0.68 ug/L	97319	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

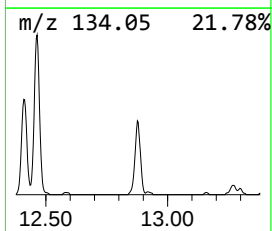
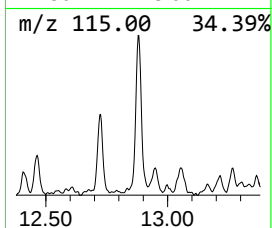
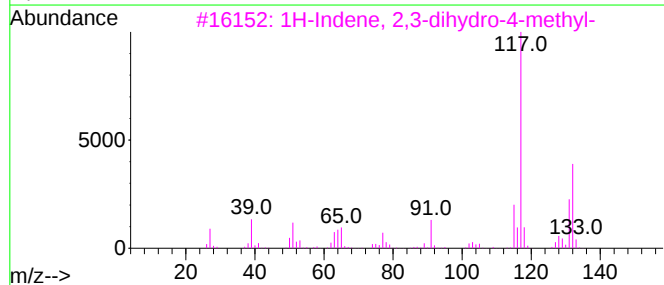
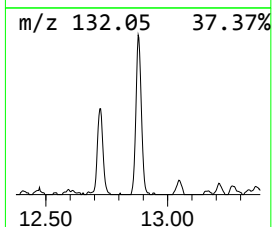
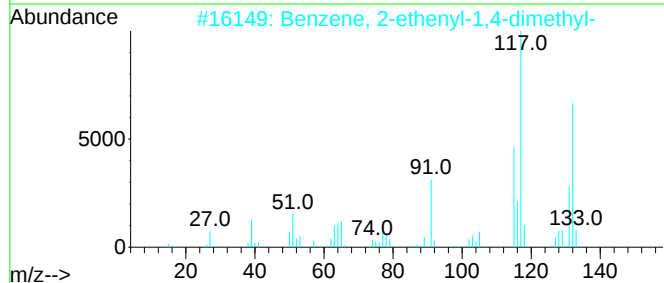
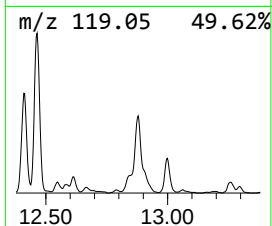
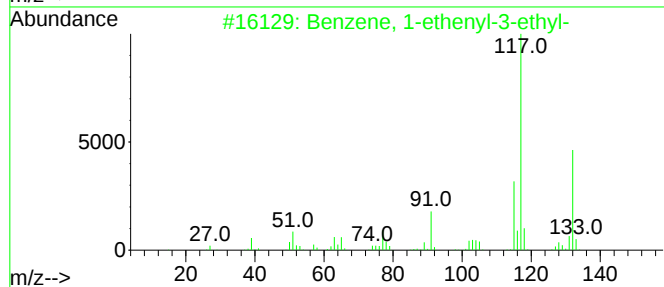
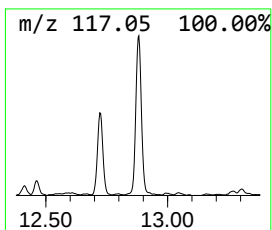
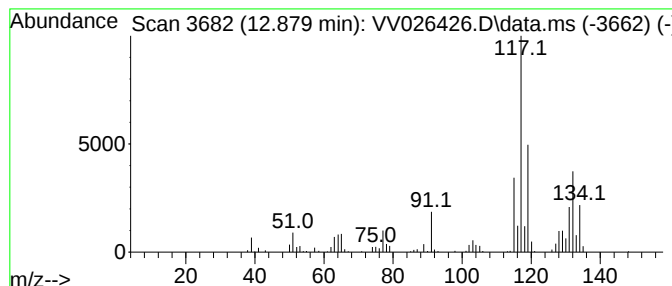
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	1.86 ug/L	264738	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

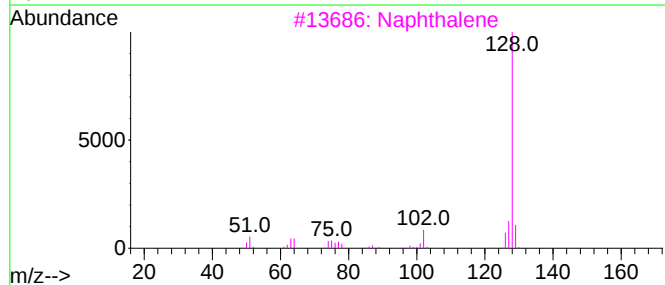
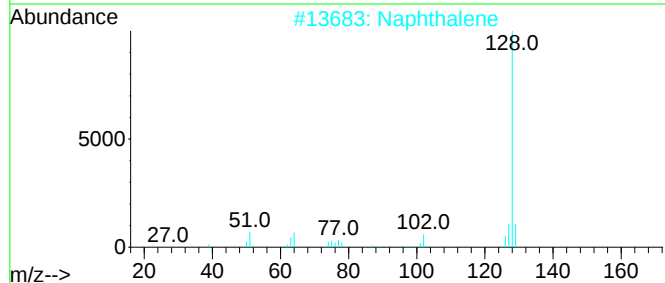
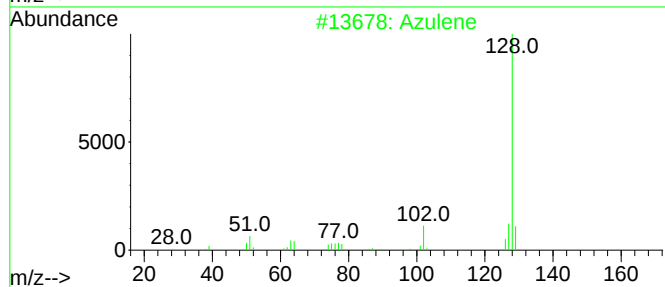
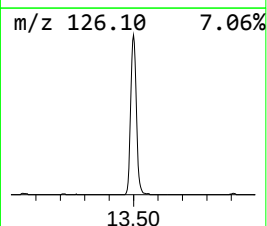
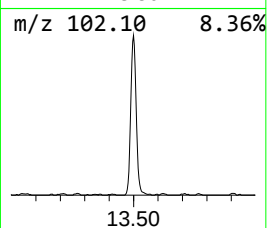
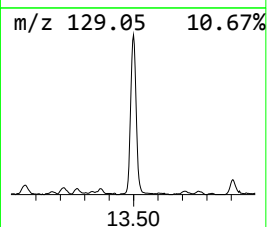
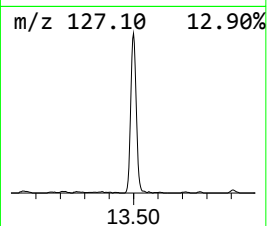
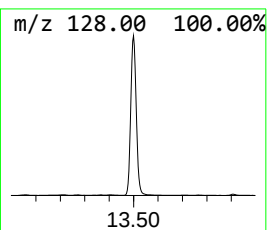
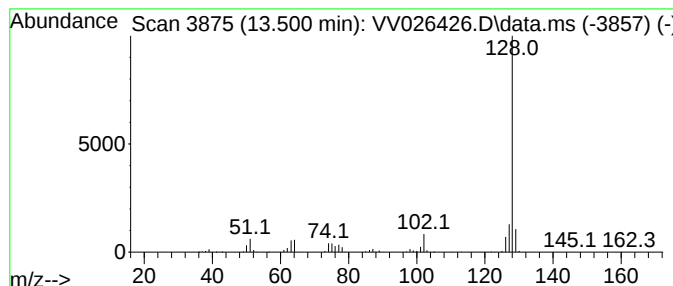
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.499	6.39 ug/L	908142	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Naphthalene	128	C10H8	000091-20-3	95
4			Naphthalene	128	C10H8	000091-20-3	94
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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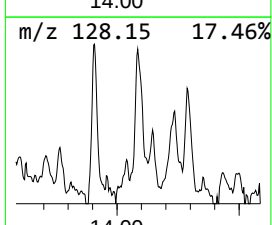
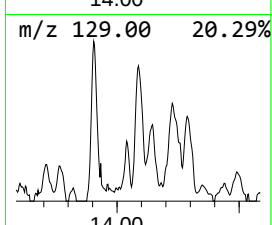
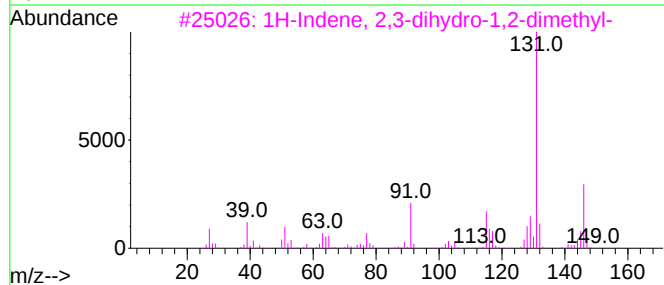
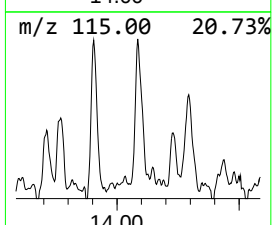
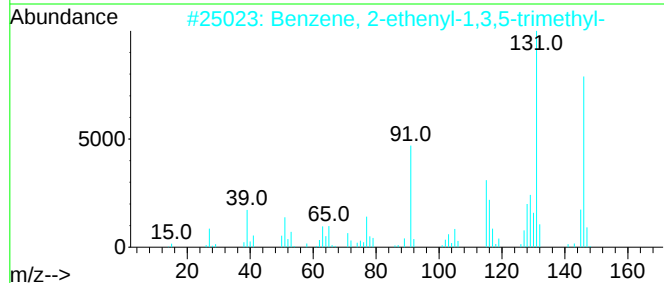
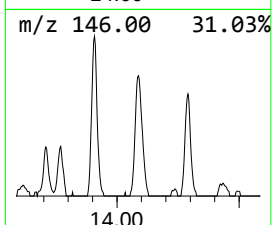
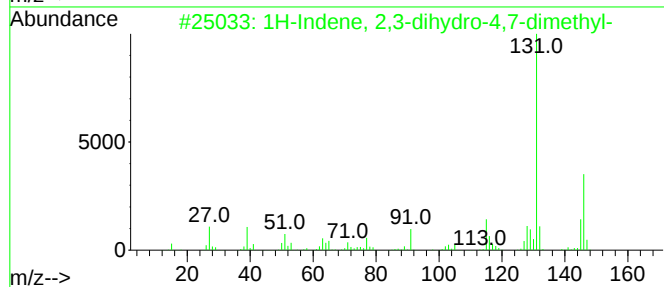
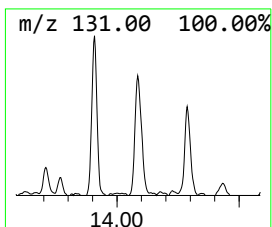
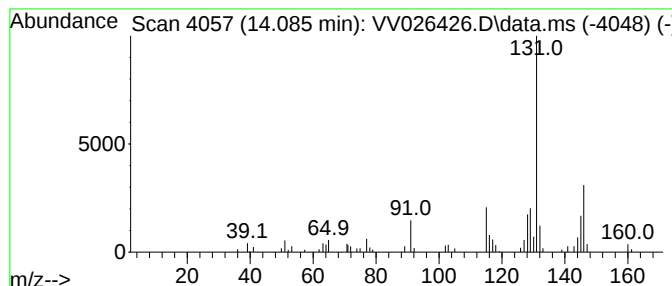
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	0.54 ug/L	76654	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

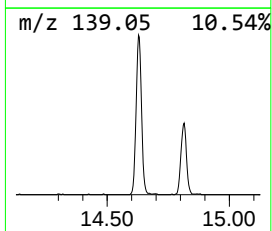
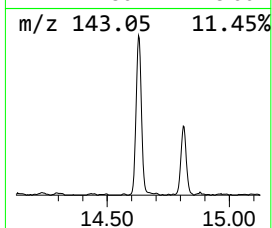
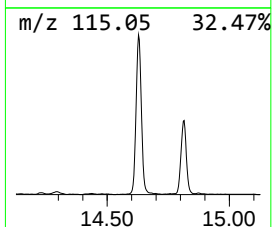
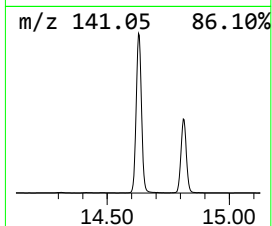
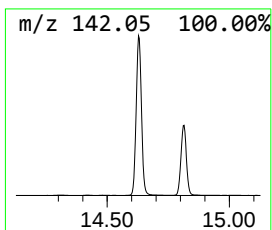
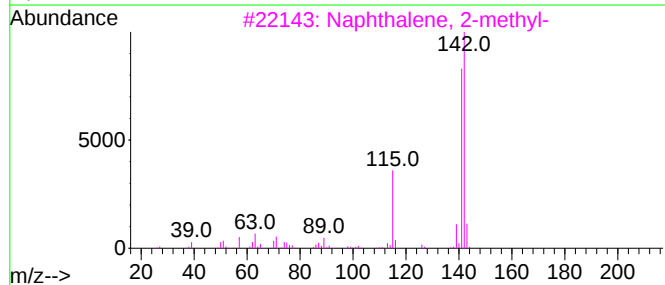
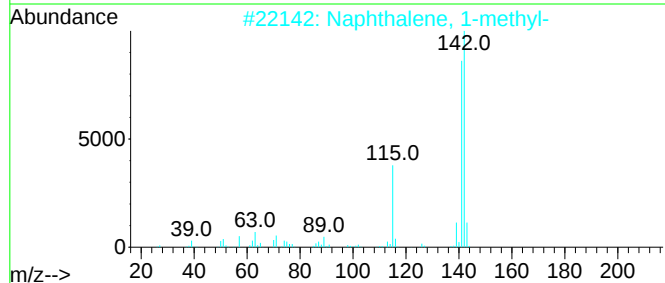
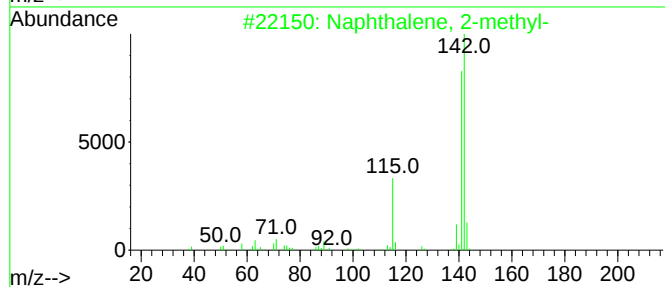
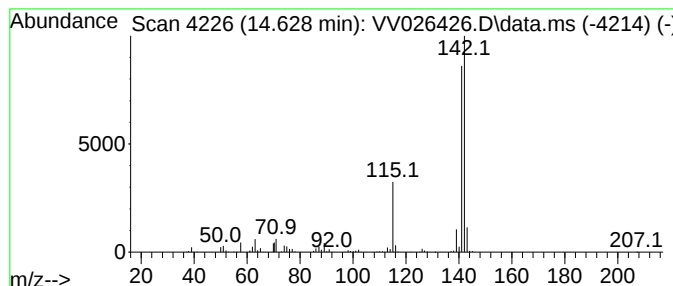
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	8.92 ug/L	1268530	1,4-Dichlorobenzene-d4	11.246

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

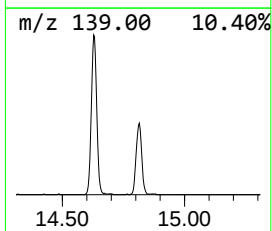
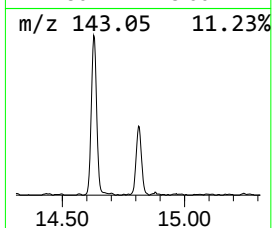
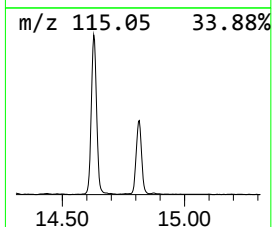
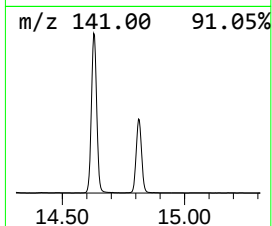
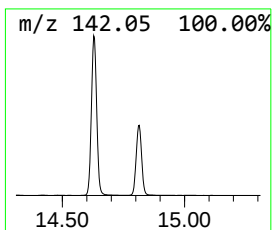
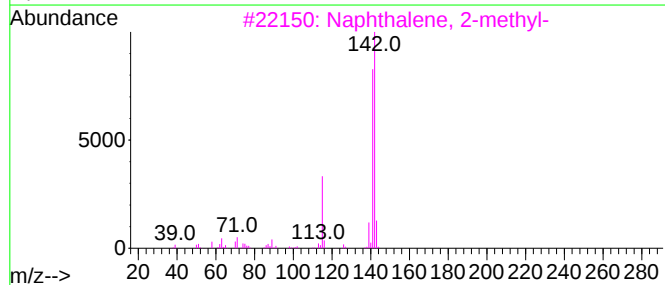
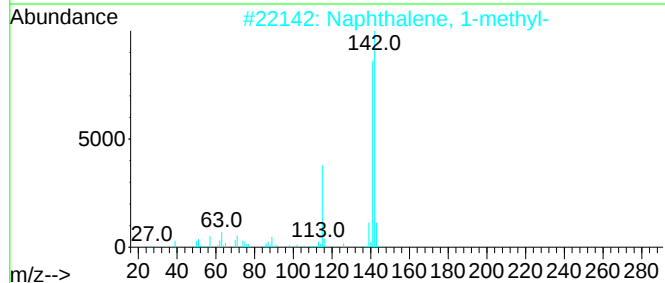
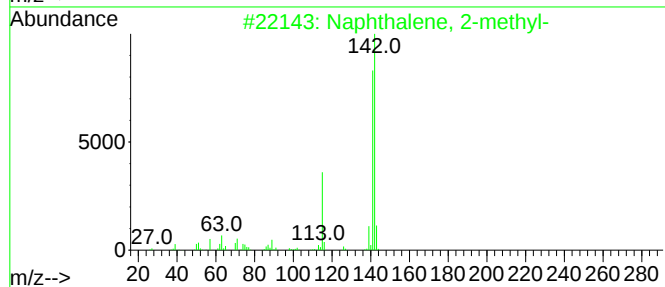
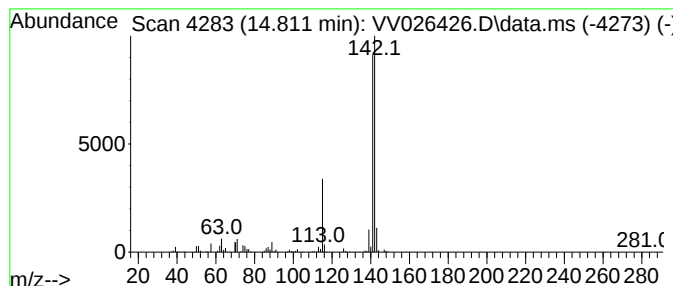
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.811	4.19 ug/L	595856	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

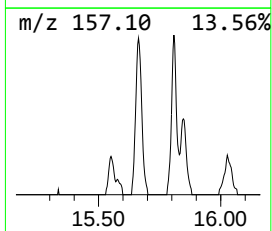
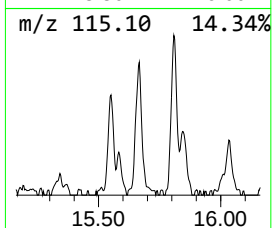
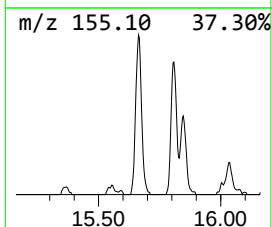
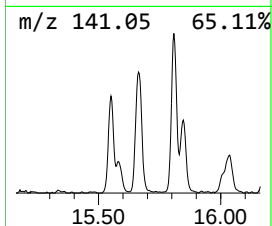
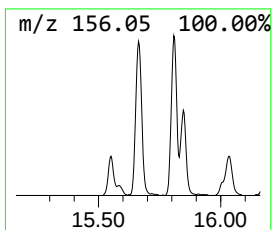
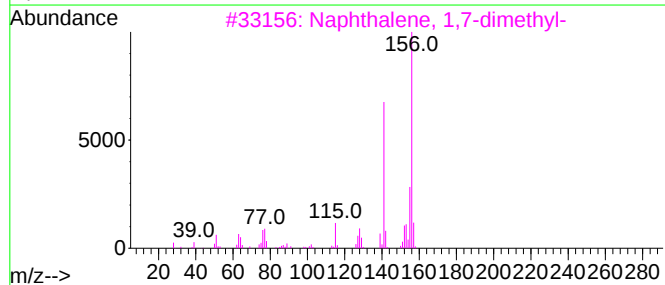
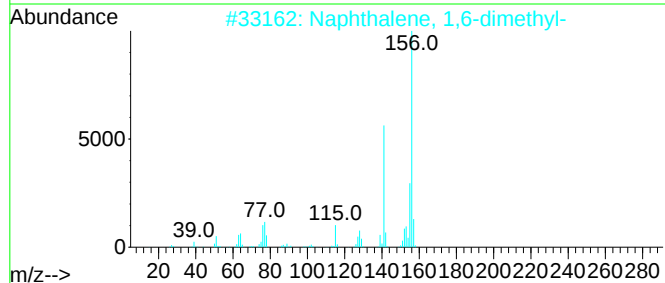
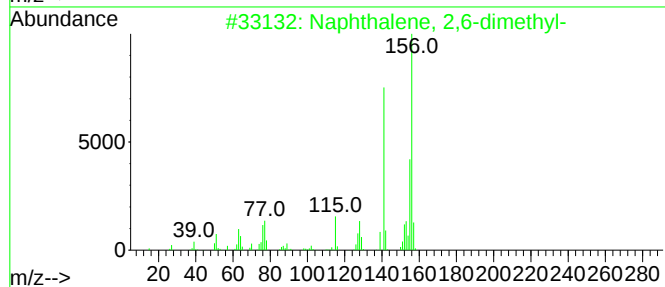
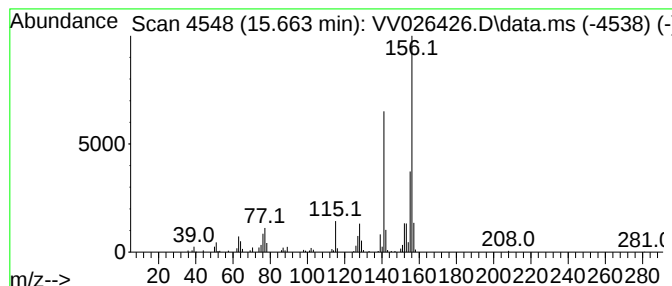
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	1.13 ug/L	161360	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

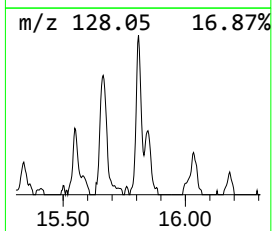
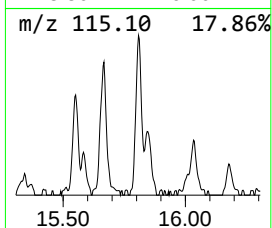
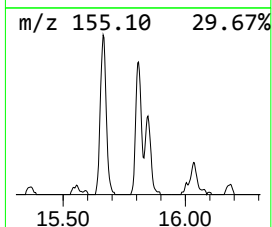
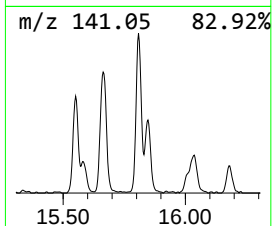
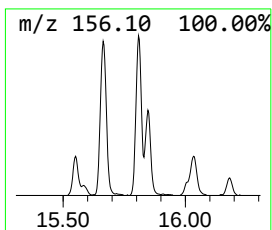
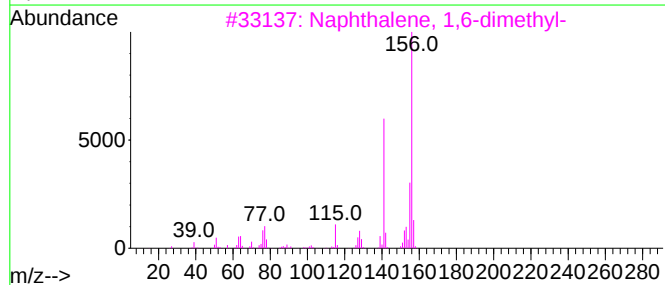
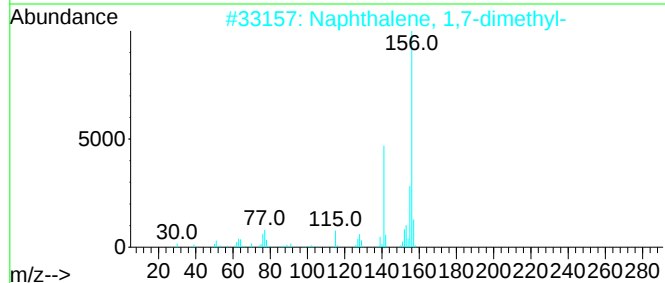
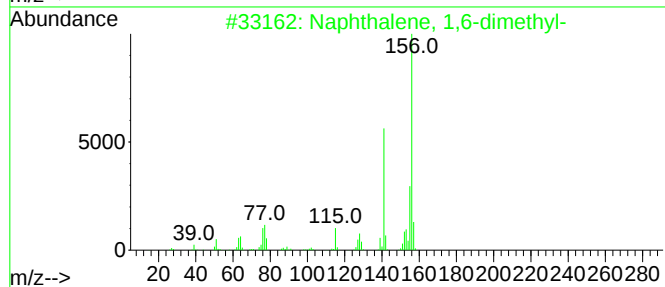
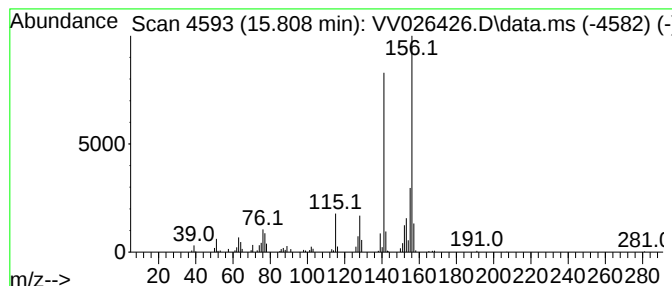
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	1.12 ug/L	159021	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026426.D
Acq On : 18 Jun 2022 16:36
Operator : SY/MD
Sample : N3256-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

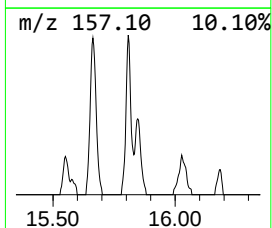
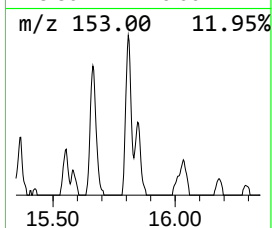
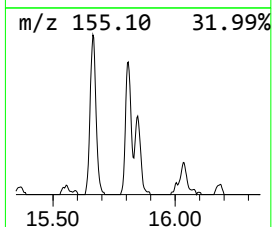
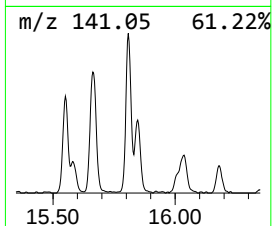
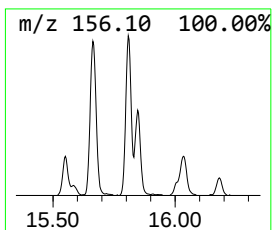
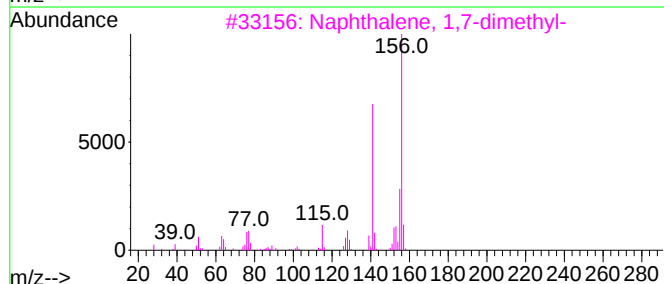
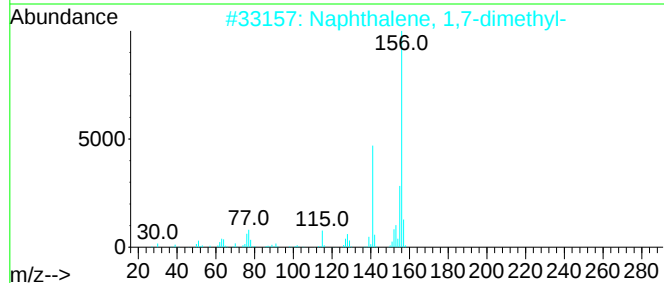
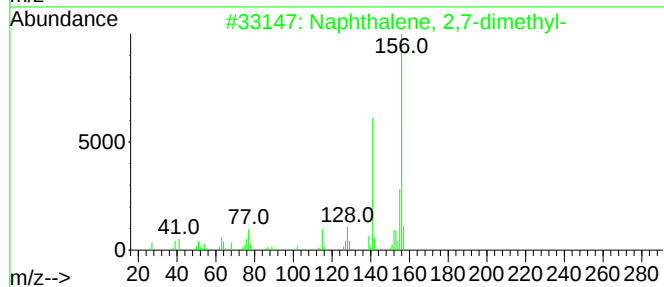
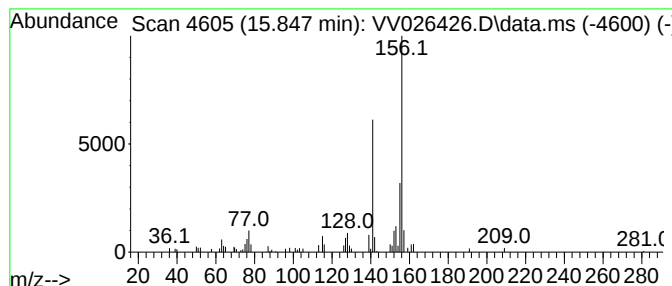
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.847	0.54 ug/L	76479	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
 Data File : VV026426.D
 Acq On : 18 Jun 2022 16:36
 Operator : SY/MD
 Sample : N3256-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.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...	1.651	1.4	ug/L	172287	1	5.622	634526	5.0
(DEL) Alkane: S...	1.822	0.6	ug/L	71154	1	5.622	634526	5.0
(DEL) Alkane: C...	1.918	0.6	ug/L	73978	1	5.622	634526	5.0
Benzene, 1-ethy...	10.445	1.5	ug/L	207050	3	11.246	710875	5.0
Benzene, 1-ethy...	10.738	0.5	ug/L	74480	3	11.246	710875	5.0
Benzene, 1,2,3-...	11.332	1.0	ug/L	144796	3	11.246	710875	5.0
Indane	11.525	0.9	ug/L	130819	3	11.246	710875	5.0
Benzene, 2-ethy...	12.014	0.7	ug/L	97954	3	11.246	710875	5.0
Benzene, 1,2,3,...	12.410	0.6	ug/L	84473	3	11.246	710875	5.0
Benzene, 1,2,4,...	12.464	0.9	ug/L	135418	3	11.246	710875	5.0
Benzene, 2-ethe...	12.725	0.7	ug/L	97319	3	11.246	710875	5.0
Benzene, 1-ethe...	12.879	1.9	ug/L	264738	3	11.246	710875	5.0
Azulene	13.499	6.4	ug/L	908142	3	11.246	710875	5.0
1H-Indene, 2,3-...	14.085	0.5	ug/L	76654	3	11.246	710875	5.0
Naphthalene, 2-...	14.628	8.9	ug/L	1268530	3	11.246	710875	5.0
Naphthalene, 1-...	14.811	4.2	ug/L	595856	3	11.246	710875	5.0
Naphthalene, 2,...	15.663	1.1	ug/L	161360	3	11.246	710875	5.0
Naphthalene, 1,...	15.808	1.1	ug/L	159021	3	11.246	710875	5.0
Naphthalene, 2,...	15.847	0.5	ug/L	76479	3	11.246	710875	5.0