

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044278.D
 Acq On : 01 Jul 2021 11:55
 Operator : SY/MD
 Sample : M2905-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK33

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_U\Method\SFAMUTR062121WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU044278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.591	69	78	99	rBV3	174472	328058	2.22%	0.314%
2	2.568	365	382	402	rBV2	130158	320389	2.17%	0.306%
3	3.591	681	700	740	rBV	157302	436479	2.96%	0.417%
4	4.459	951	970	1014	rBV	1150762	3176205	21.52%	3.035%
5	4.649	1019	1029	1073	rVB	70828	262510	1.78%	0.251%
6	5.073	1146	1161	1176	rBV	92531	203915	1.38%	0.195%
7	5.735	1344	1367	1374	rBV2	181520	465056	3.15%	0.444%
8	5.784	1374	1382	1399	rVB	220178	449960	3.05%	0.430%
9	6.256	1516	1529	1541	rBV	171815	325944	2.21%	0.311%
10	6.700	1655	1667	1679	rVV	111369	208930	1.42%	0.200%
11	7.906	2031	2042	2058	rVB	224348	388819	2.63%	0.372%
12	8.195	2120	2132	2148	rBV3	104093	257855	1.75%	0.246%
13	8.639	2254	2270	2313	rBV	830390	1516476	10.27%	1.449%
14	8.886	2335	2347	2364	rVB	115206	189254	1.28%	0.181%
15	9.423	2506	2514	2519	rBV	236729	371806	2.52%	0.355%
16	9.603	2556	2570	2579	rBV	189925	297125	2.01%	0.284%
17	9.690	2579	2597	2609	rBV7	507052	1288319	8.73%	1.231%
18	10.488	2832	2845	2862	rBV	98572	176832	1.20%	0.169%
19	10.709	2902	2914	2925	rBV	941229	1514583	10.26%	1.447%
20	10.912	2970	2977	2986	rVV	134118	216698	1.47%	0.207%
21	10.967	2986	2994	3008	rVV3	129430	221625	1.50%	0.212%
22	11.098	3027	3035	3044	rVV	281054	439669	2.98%	0.420%
23	11.729	3221	3231	3239	rBV	476905	755340	5.12%	0.722%
24	11.848	3251	3268	3286	rVB	8855492	14382782	97.45%	13.745%
25	11.947	3289	3299	3305	rBV	364408	579950	3.93%	0.554%
26	12.047	3320	3330	3340	rBV	1921026	2963719	20.08%	2.832%
27	12.102	3340	3347	3358	rVB2	667969	1056562	7.16%	1.010%
28	12.195	3367	3376	3384	rBV2	335170	605381	4.10%	0.579%
29	12.259	3390	3396	3406	rVB	562364	888259	6.02%	0.849%
30	12.311	3406	3412	3417	rBV3	115364	148837	1.01%	0.142%
31	12.385	3428	3435	3448	rVB4	231441	400665	2.71%	0.383%
32	12.484	3449	3466	3474	rBV2	450853	1005308	6.81%	0.961%
33	12.581	3487	3496	3506	rVB2	760300	1160290	7.86%	1.109%
34	12.655	3512	3519	3532	rVB7	95386	171443	1.16%	0.164%
35	12.732	3533	3543	3561	rVB2	776953	1724366	11.68%	1.648%
36	12.835	3561	3575	3584	rBV3	1074734	2199626	14.90%	2.102%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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_U\Method\SFAMUTR062121WMA.M
 Title : TRACE VOA SFAM1.0

37	12.947	3598	3610	3617	rBV3	474604	830315	5.63%	0.793%
38	13.018	3617	3632	3644	rVB	4616458	7583228	51.38%	7.247%
39	13.111	3646	3661	3674	rBV	4479637	7014740	47.53%	6.704%
40	13.182	3675	3683	3691	rVB2	205458	298217	2.02%	0.285%
41	13.262	3693	3708	3725	rVB3	370172	1017609	6.89%	0.972%
42	13.352	3726	3736	3741	rBV4	287363	520015	3.52%	0.497%
43	13.462	3762	3770	3773	rBV3	318927	437631	2.97%	0.418%
44	13.494	3773	3780	3789	rVV	1167989	1788346	12.12%	1.709%
45	13.542	3789	3795	3803	rVB	230137	322759	2.19%	0.308%
46	13.671	3826	3835	3847	rBV4	491371	911435	6.18%	0.871%
47	13.738	3847	3856	3874	rVB2	1648638	3091889	20.95%	2.955%
48	13.828	3874	3884	3894	rBV2	902508	1411533	9.56%	1.349%
49	13.876	3894	3899	3910	rVB4	133476	207820	1.41%	0.199%
50	13.976	3915	3930	3952	rBV	8431583	14759089	100.00%	14.104%
51	14.195	3982	3998	4010	rBV6	473900	1378838	9.34%	1.318%
52	14.327	4030	4039	4047	rBV	574104	903755	6.12%	0.864%
53	14.381	4047	4056	4062	rBV3	581324	1006728	6.82%	0.962%
54	14.442	4070	4075	4085	rVB	552857	769741	5.22%	0.736%
55	14.536	4095	4104	4111	rBV4	367219	596889	4.04%	0.570%
56	14.587	4111	4120	4134	rVB	1407608	2020616	13.69%	1.931%
57	14.658	4135	4142	4162	rVB5	286288	656223	4.45%	0.627%
58	14.761	4162	4174	4182	rBV	1940200	3109188	21.07%	2.971%
59	14.851	4195	4202	4210	rVV3	162012	220443	1.49%	0.211%
60	14.899	4210	4217	4227	rVB2	176457	275685	1.87%	0.263%
61	14.973	4231	4240	4249	rBV3	93788	161411	1.09%	0.154%
62	15.105	4275	4281	4285	rVV3	128447	183023	1.24%	0.175%
63	15.134	4286	4290	4297	rVV2	183970	275831	1.87%	0.264%
64	15.188	4297	4307	4318	rVB	2878795	4402167	29.83%	4.207%
65	15.272	4326	4333	4343	rVB3	238638	384774	2.61%	0.368%
66	15.368	4349	4363	4370	rBV5	802212	1656991	11.23%	1.583%
67	15.410	4370	4376	4384	rVB	655678	1004299	6.80%	0.960%
68	15.542	4408	4417	4420	rBV3	135285	198839	1.35%	0.190%
69	15.658	4441	4453	4472	rVB	666493	1381255	9.36%	1.320%
70	15.754	4475	4483	4491	rBV2	127334	194989	1.32%	0.186%
71	15.809	4492	4500	4513	rBV3	182448	322524	2.19%	0.308%
72	15.995	4550	4558	4571	rVB6	86545	162723	1.10%	0.156%
73	16.072	4574	4582	4588	rBV	106833	169197	1.15%	0.162%
74	16.204	4614	4623	4644	rVB5	224059	512113	3.47%	0.489%
75	16.394	4672	4682	4699	rBV5	184613	386415	2.62%	0.369%
76	16.835	4807	4819	4838	rVB4	198100	381350	2.58%	0.364%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

77	17.021	4867	4877	4893	rBV	406205	632592	4.29%	0.605%
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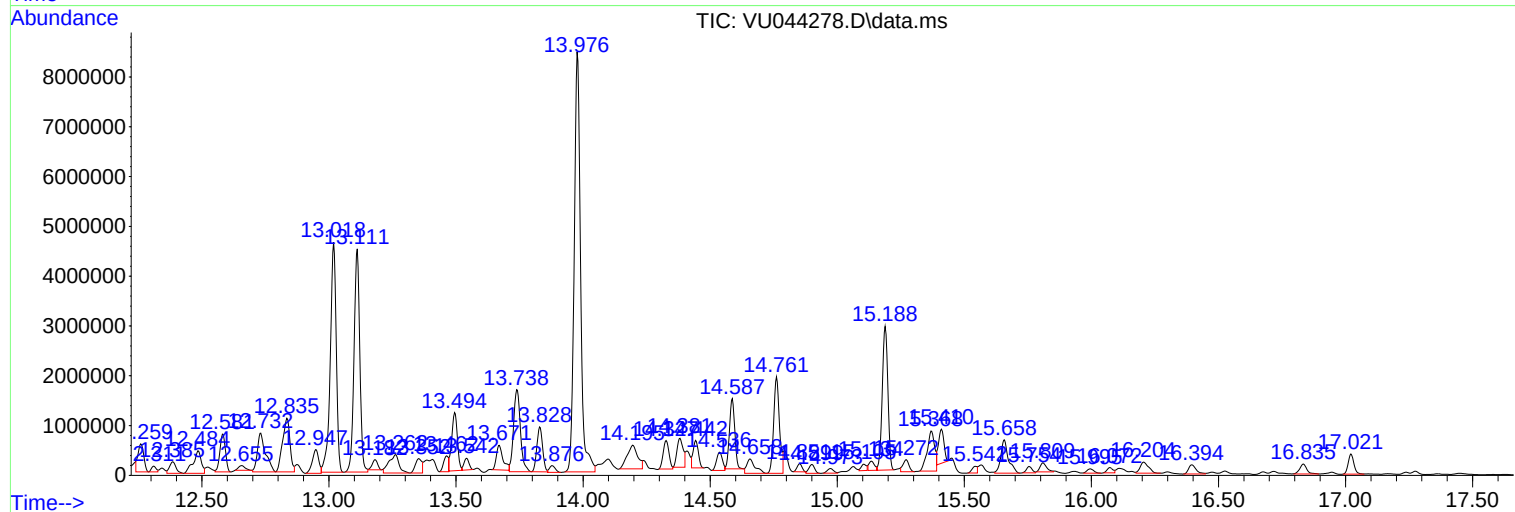
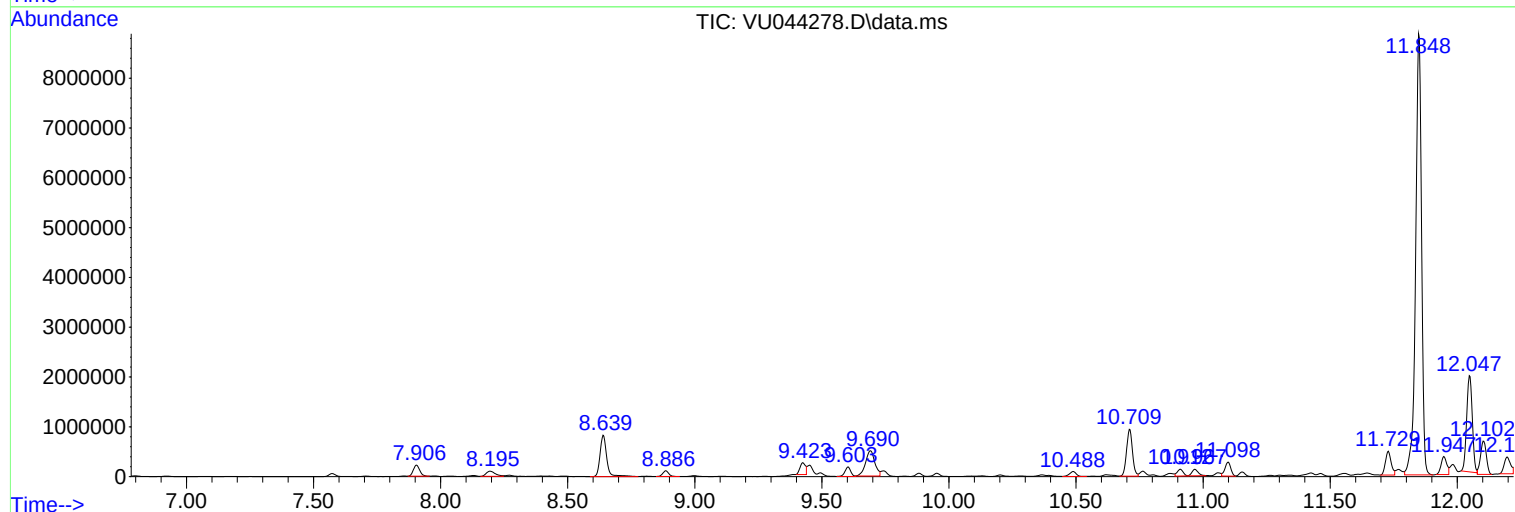
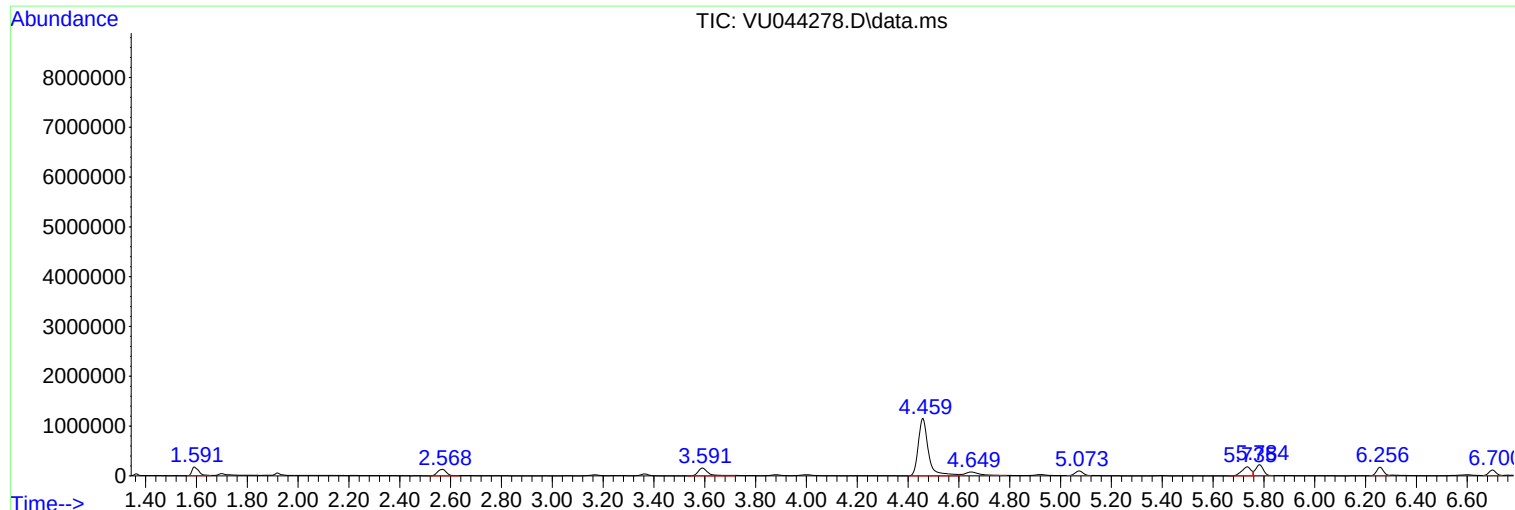
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
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Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

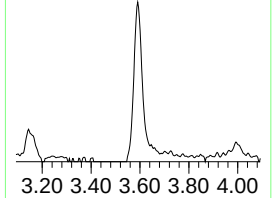
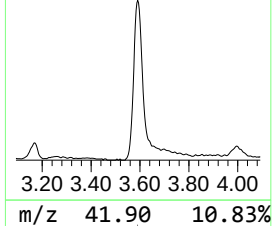
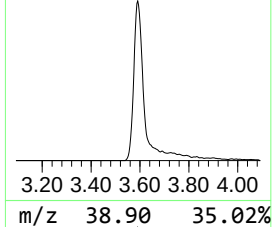
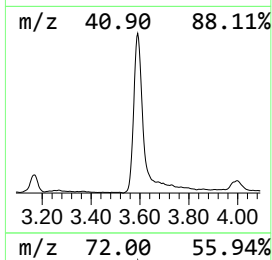
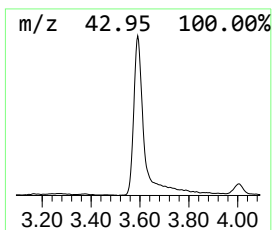
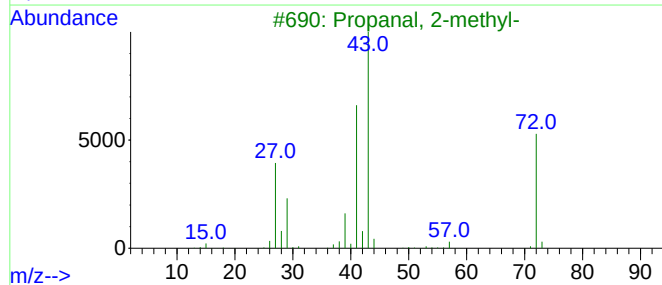
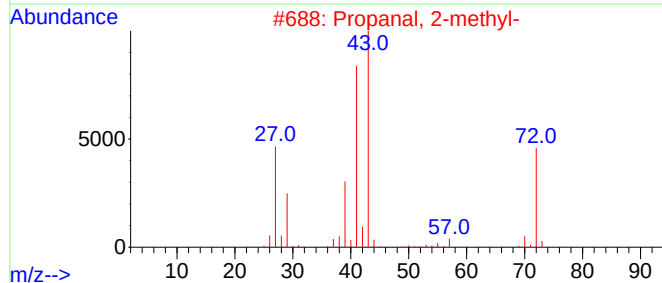
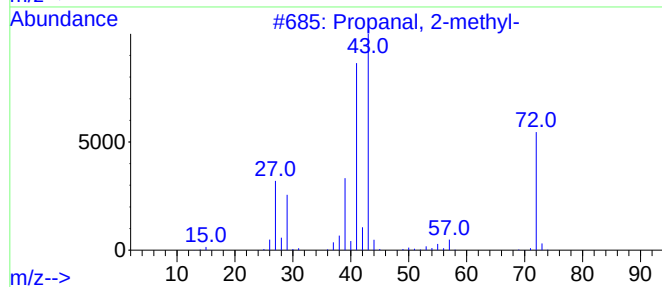
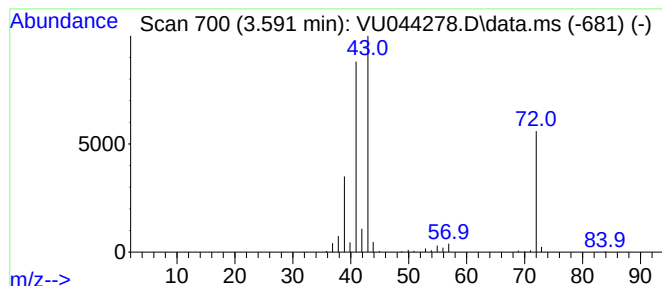
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propanal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.591	6.70 ug/L	436479	1,4-Difluorobenzene	6.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-		72	C4H8O	000078-84-2	91	
2	Propanal, 2-methyl-		72	C4H8O	000078-84-2	91	
3	Propanal, 2-methyl-		72	C4H8O	000078-84-2	78	
4	Isobutylene epoxide		72	C4H8O	000558-30-5	53	
5	Propanal, 2-methyl-		72	C4H8O	000078-84-2	43	



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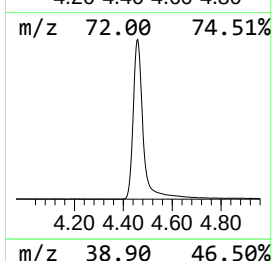
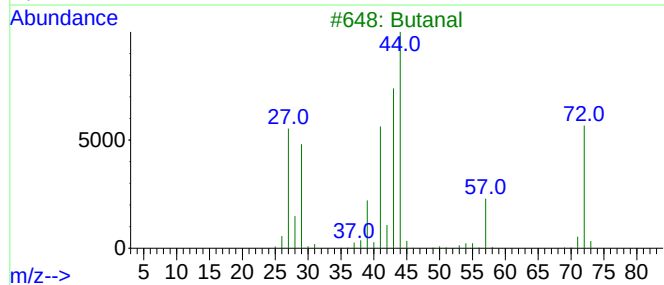
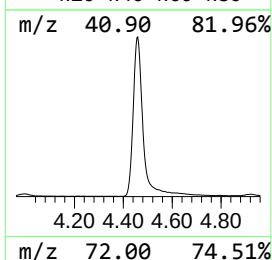
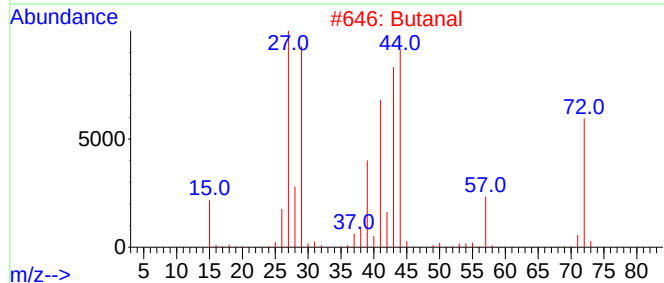
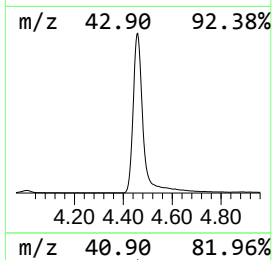
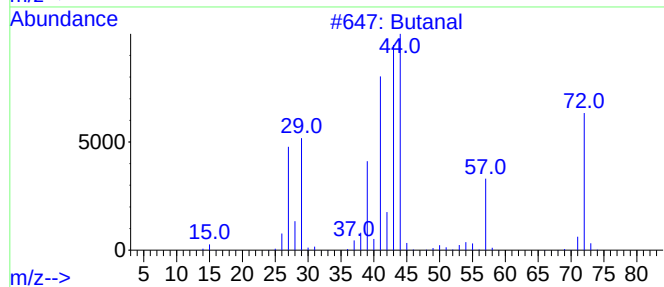
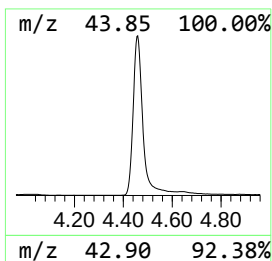
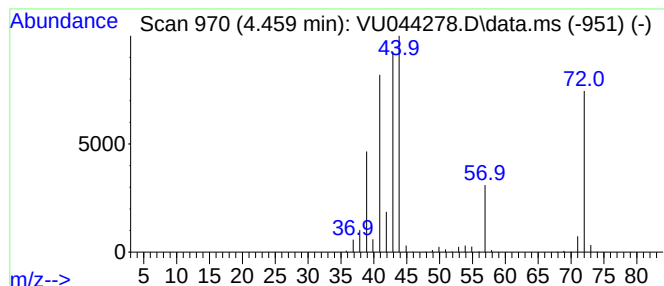
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.459	48.72 ug/L	3176210	1,4-Difluorobenzene	6.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal	72	C4H8O	000123-72-8	94
2			Butanal	72	C4H8O	000123-72-8	91
3			Butanal	72	C4H8O	000123-72-8	72
4			Butanal	72	C4H8O	000123-72-8	53
5			Ethene, ethoxy-	72	C4H8O	000109-92-2	52



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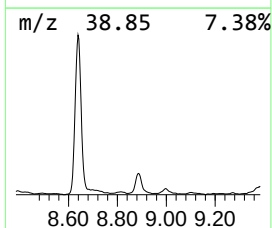
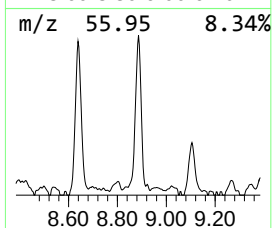
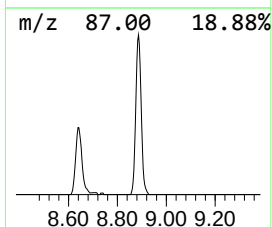
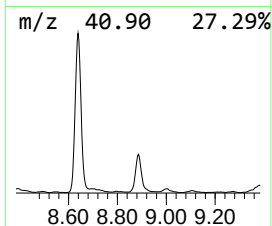
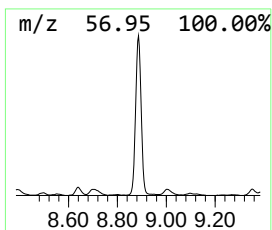
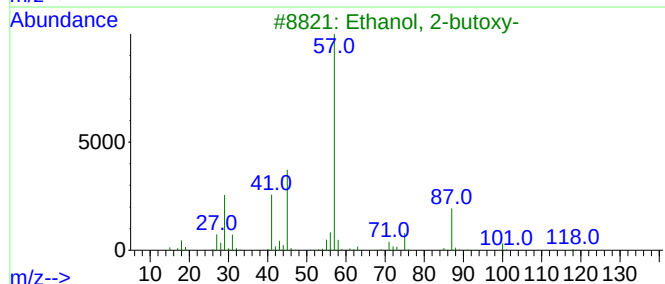
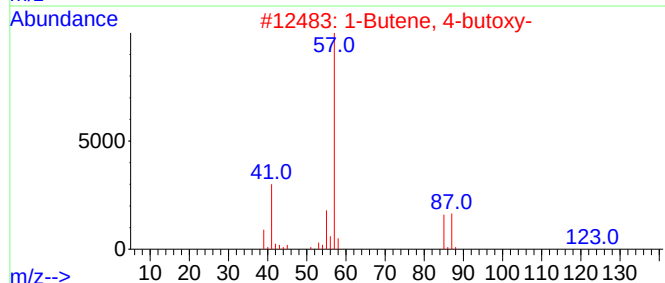
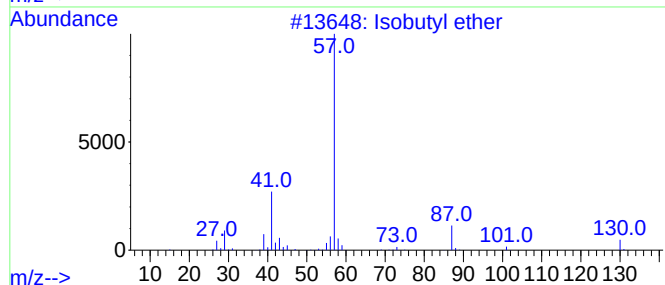
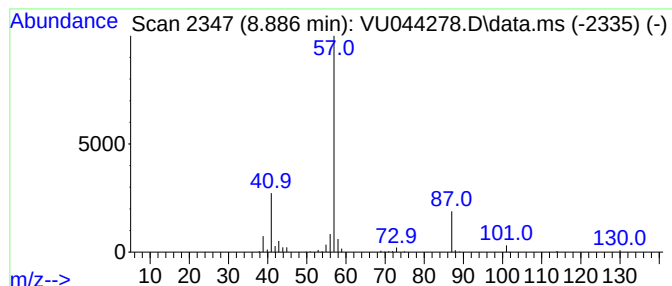
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Isobutyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	2.55 ug/L	189254	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl ether	130	C8H18O	000628-55-7	72
2			1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	53
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
4			n-Butyl ether	130	C8H18O	000142-96-1	50
5			n-Butyl ether	130	C8H18O	000142-96-1	50



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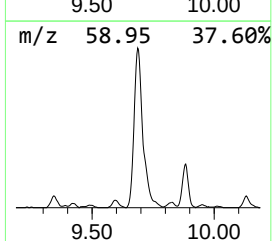
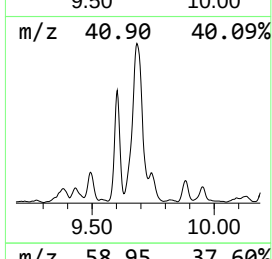
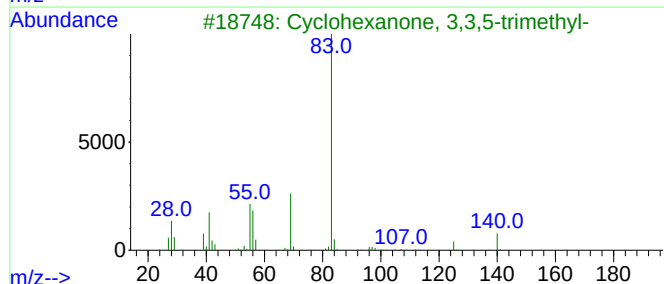
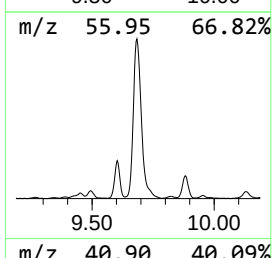
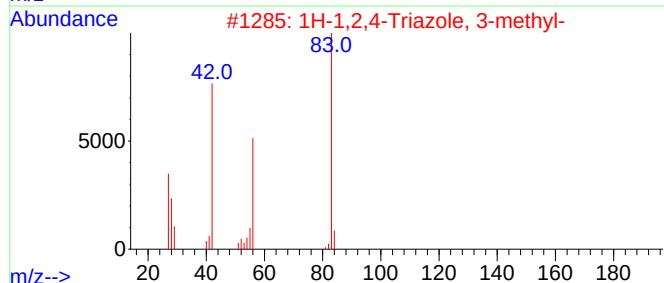
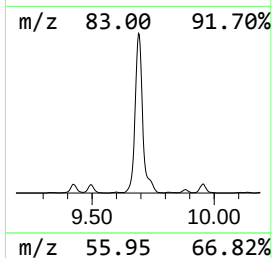
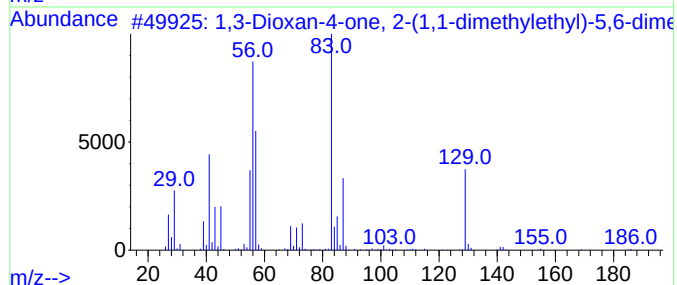
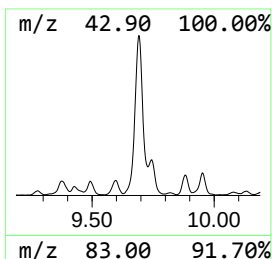
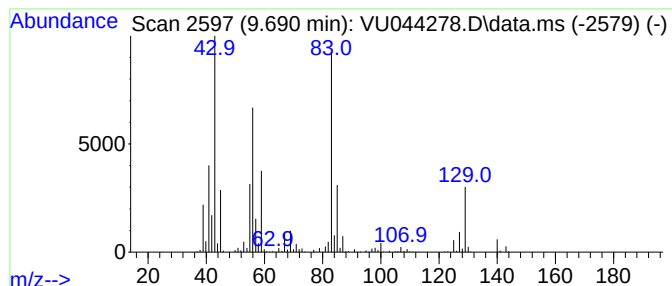
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.690	17.33 ug/L	1288320	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	107289-14-5	42
2			1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	38
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	35
4			Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	22
5			Cyclohexanamine, N-(2-hydroxypro...	171	C9H17NO2	160423-87-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

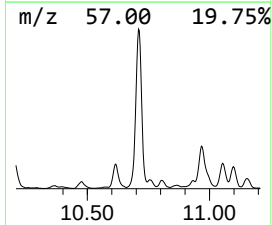
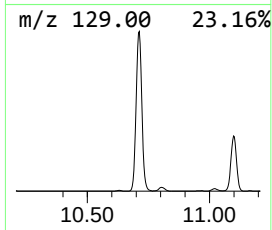
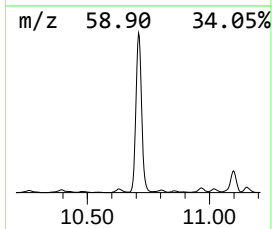
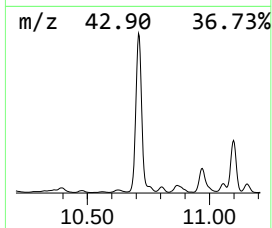
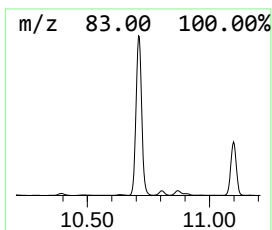
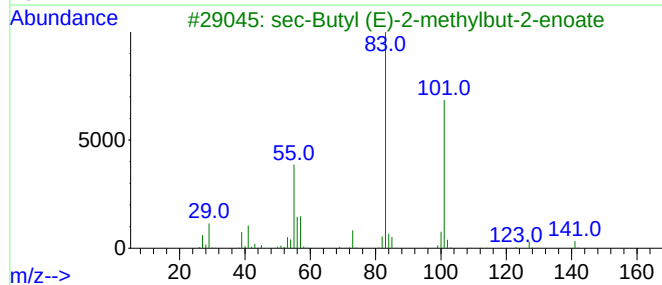
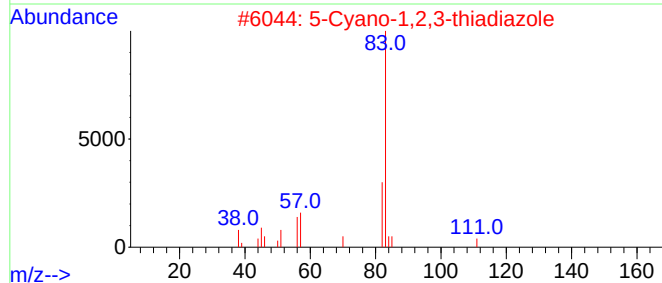
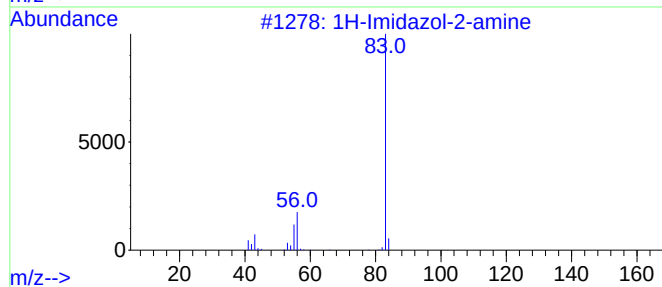
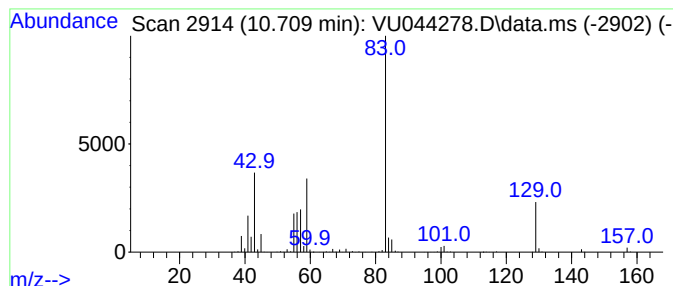
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.709	0.53 ug/L	1514580	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	47
2			5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	40
3			sec-Butyl (E)-2-methylbut-2-enoate	156	C9H16O2	1000373-72-7	33
4			1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
5			.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

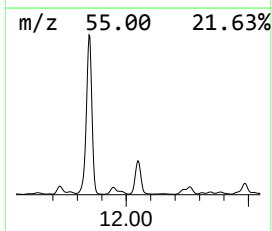
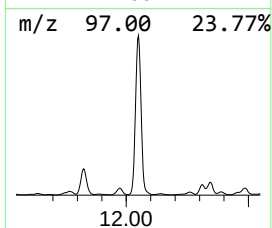
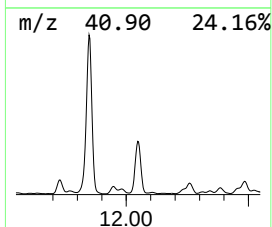
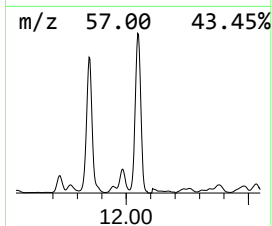
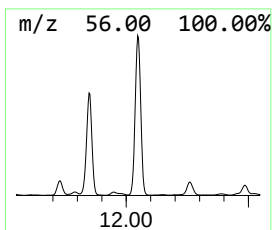
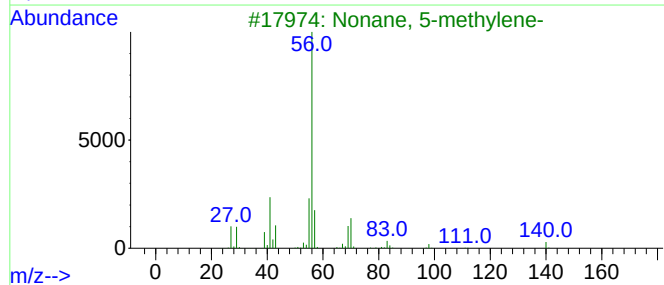
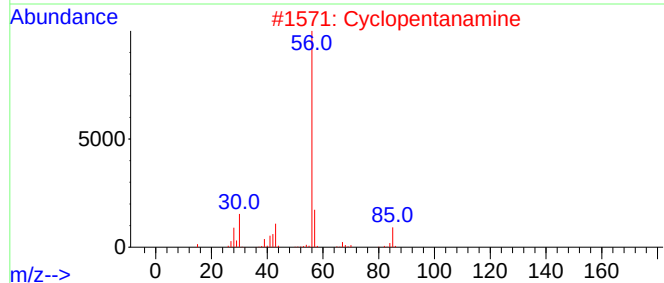
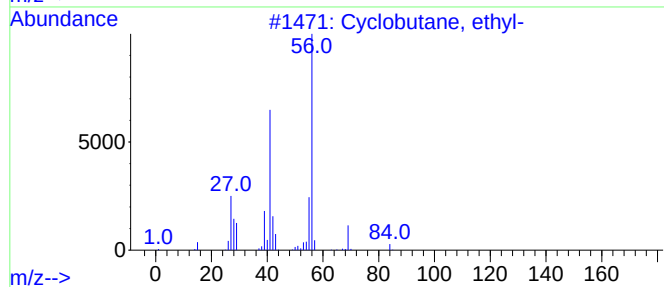
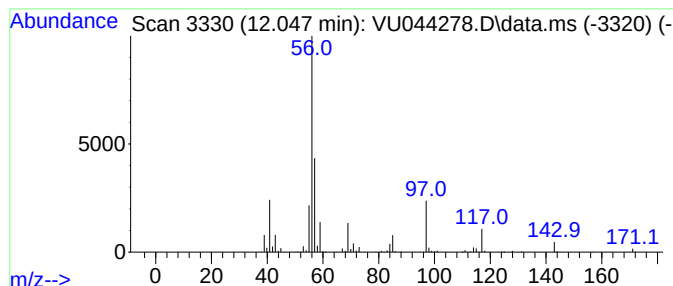
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic12.047 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.047	1.03 ug/L	2963720	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
2			Cyclopentanamine	85	C5H11N	001003-03-8	38
3			Nonane, 5-methylene-	140	C10H20	006795-79-5	33
4			1-Heptene, 2-methyl-	112	C8H16	015870-10-7	33
5			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

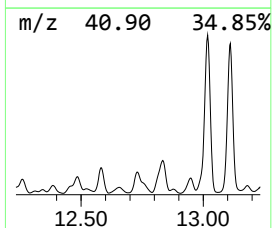
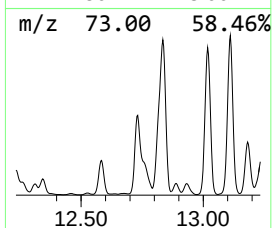
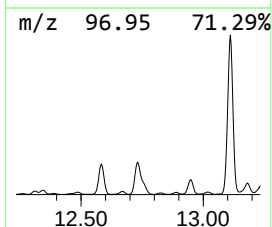
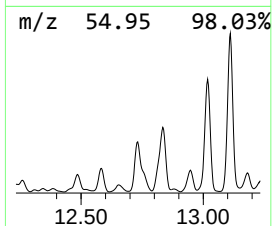
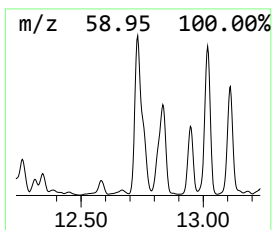
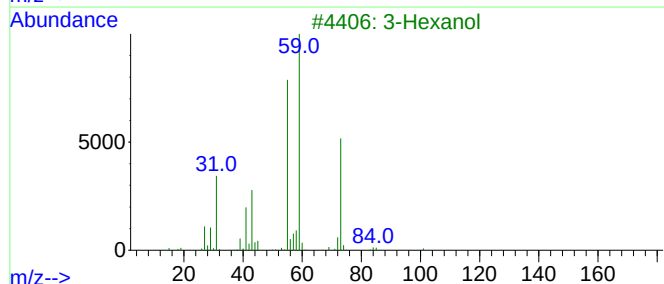
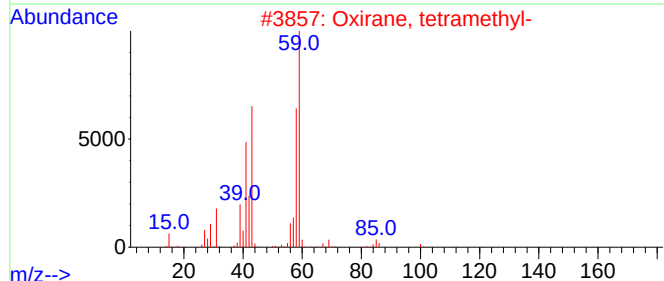
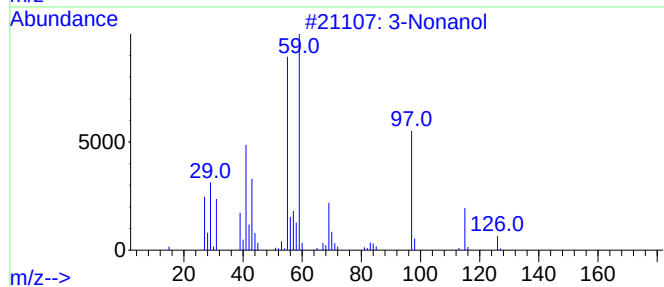
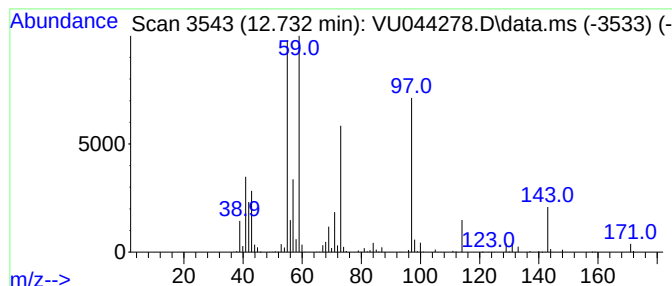
Instrument :
MSVOA_U
ClientSampleId :
DBK33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Nonanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.732	0.60 ug/L	1724370	1,4-Dichlorobenzene-d4	11.819	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol	144	C9H20O	000624-51-1	50
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	35
3	3-Hexanol	102	C6H14O	000623-37-0	32
4	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	25
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

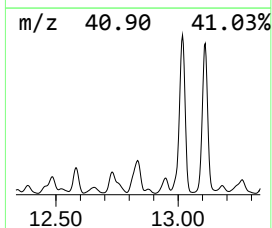
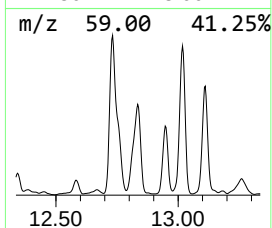
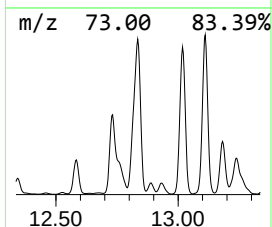
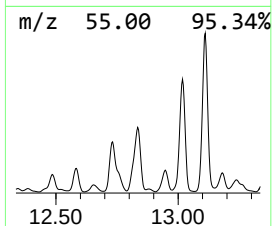
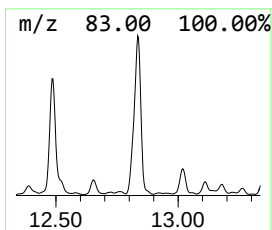
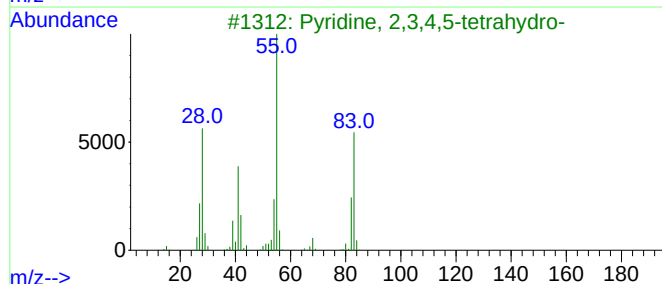
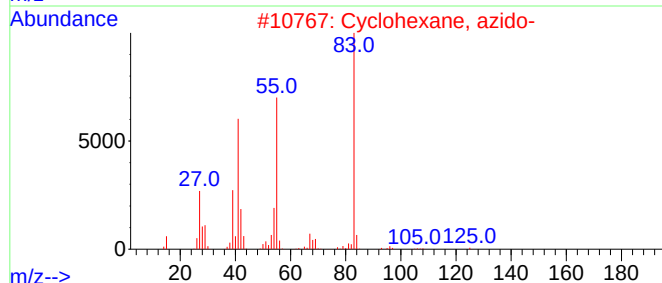
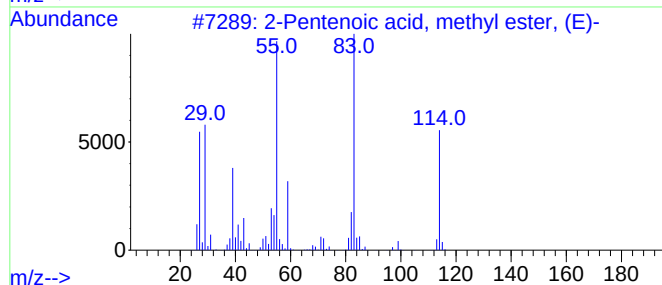
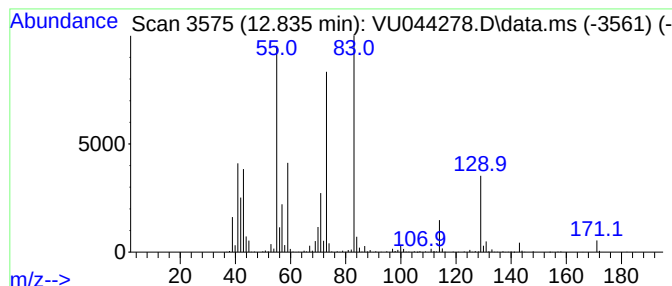
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.835	0.76 ug/L	2199630	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenoic acid, methyl ester, ...	114	C6H10O2	015790-88-2	47
2			Cyclohexane, azido-	125	C6H11N3	019573-22-9	38
3			Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	35
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	27
5			4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

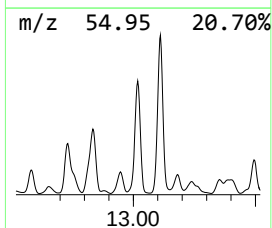
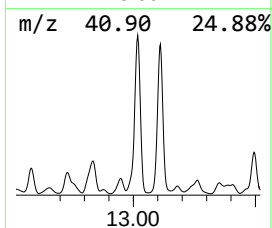
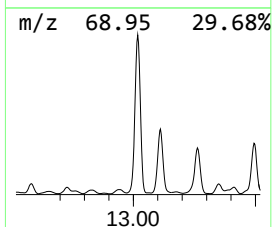
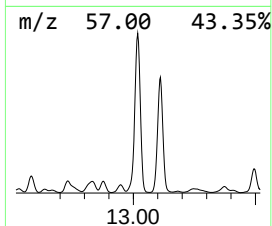
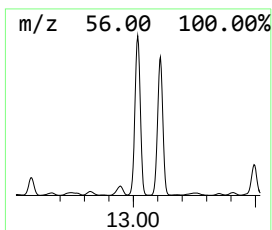
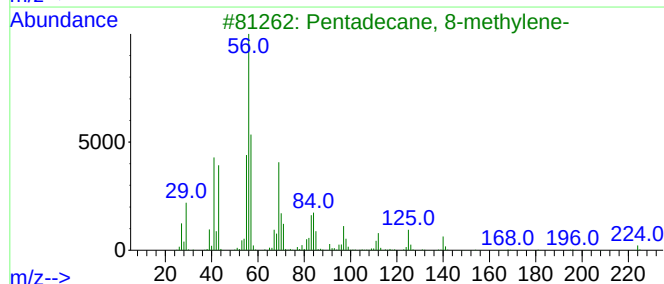
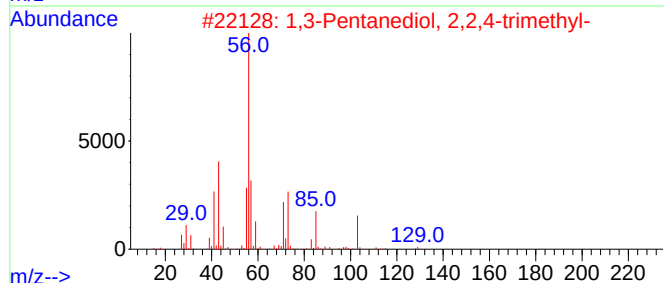
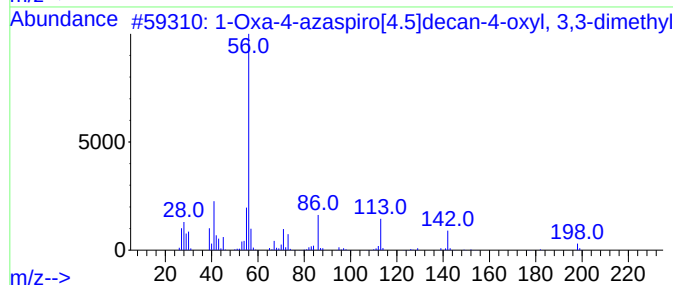
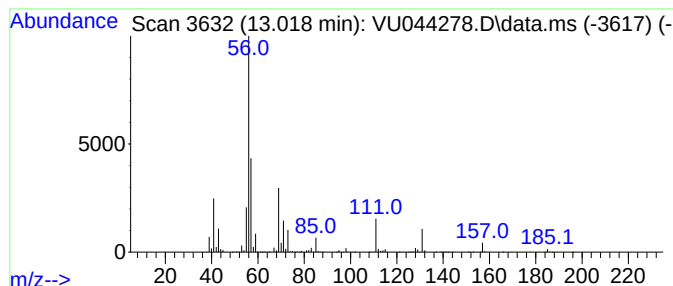
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.018	2.64 ug/L	7583230	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	45
2			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	42
3			Pentadecane, 8-methylene-	224	C16H32	055668-09-2	42
4			Cyclopentanamine	85	C5H11N	001003-03-8	40
5			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

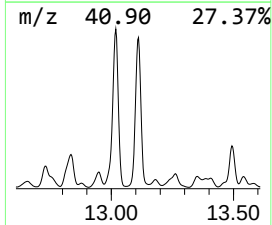
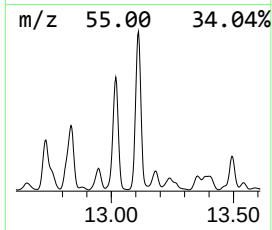
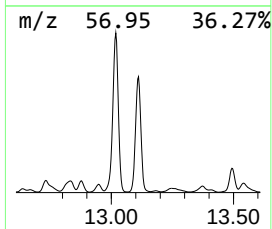
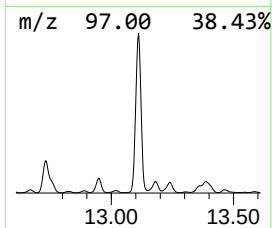
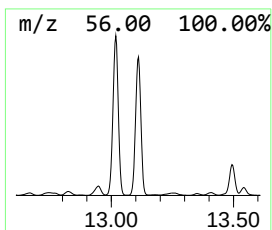
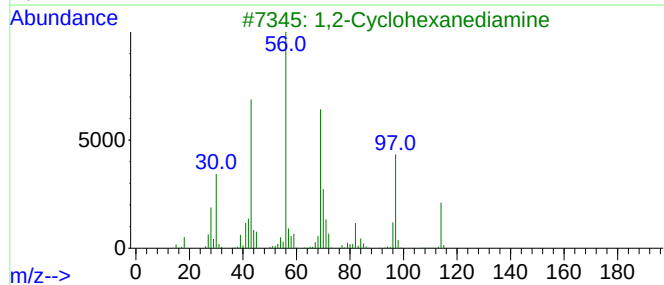
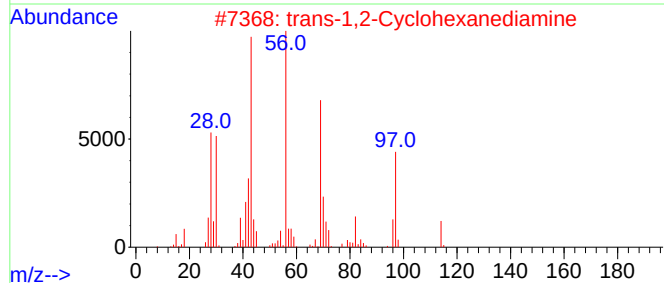
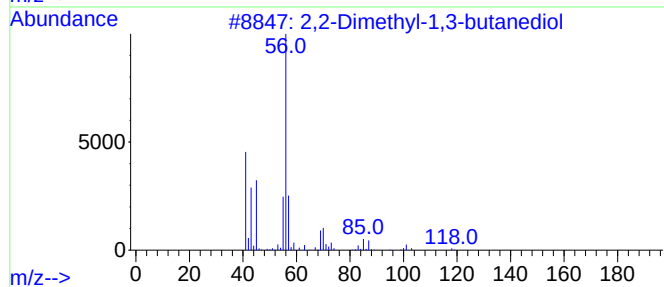
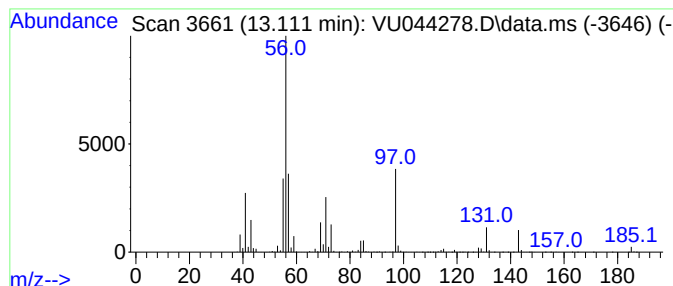
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	2.44 ug/L	7014740	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38
2			trans-1,2-Cyclohexanediamine	114	C6H14N2	001121-22-8	36
3			1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	36
4			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
5			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

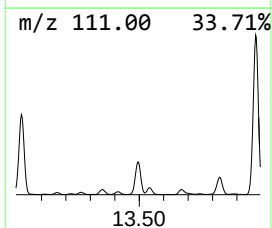
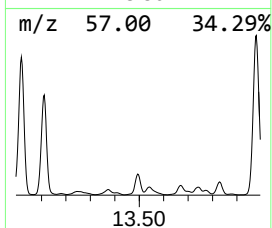
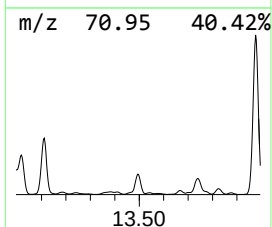
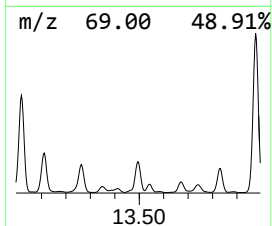
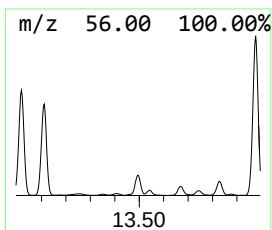
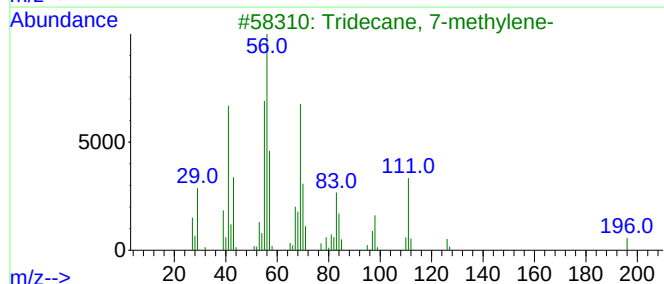
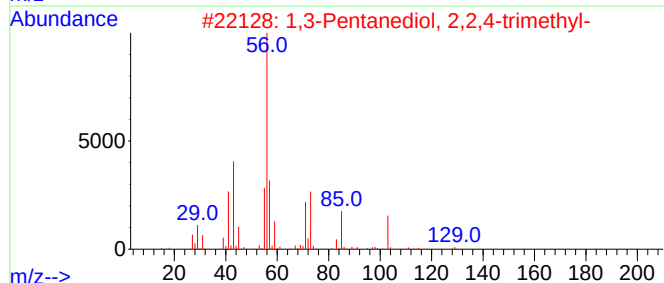
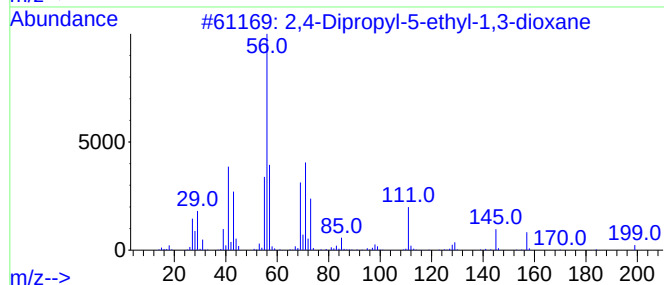
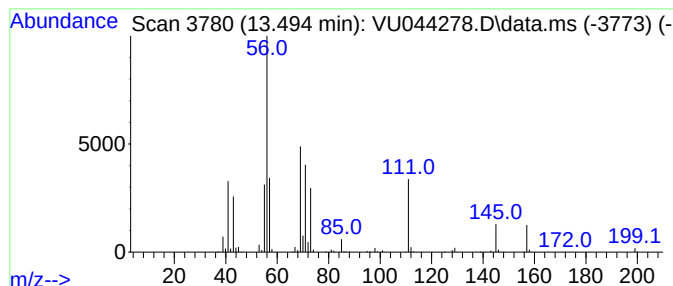
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.494	0.62 ug/L	1788350	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	74
2			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
3			Tridecane, 7-methylene-	196	C14H28	019780-80-4	28
4			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	17
5			1-Octene, 2-methyl-	126	C9H18	004588-18-5	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

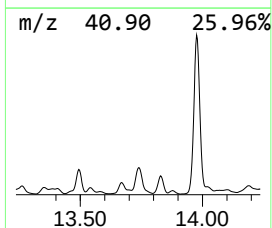
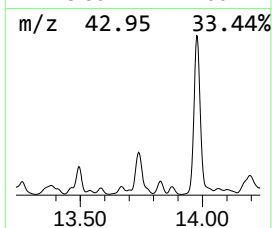
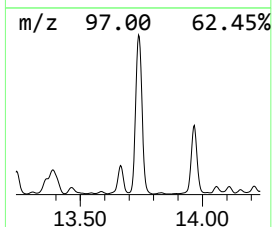
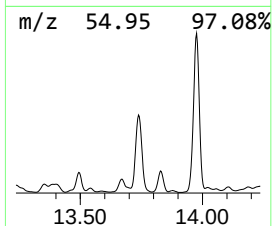
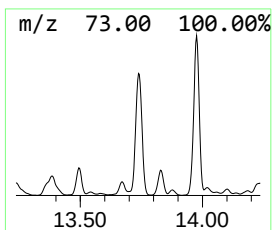
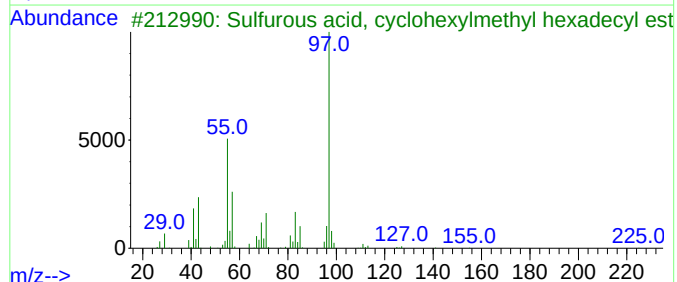
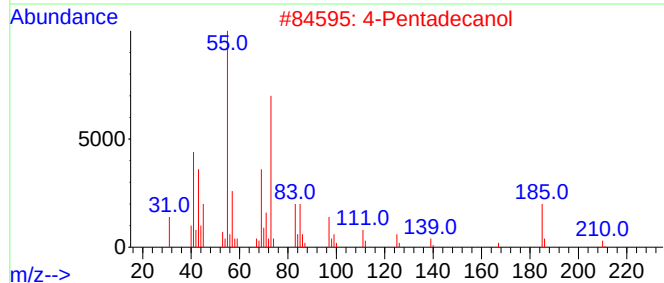
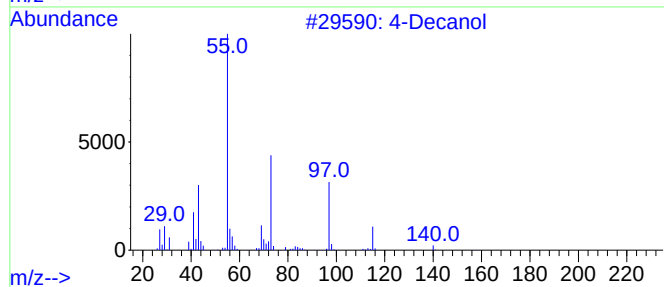
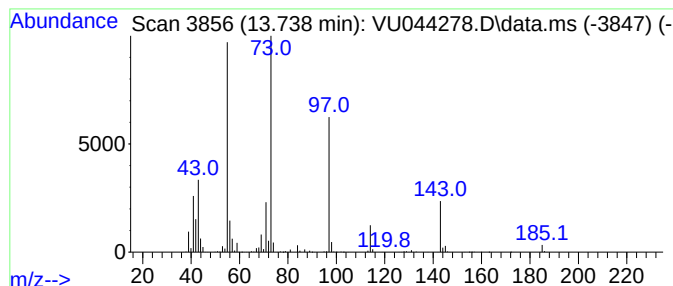
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	1.07 ug/L	3091890	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Decanol	158	C10H22O	002051-31-2	43
2			4-Pentadecanol	228	C15H32O	109212-91-1	37
3			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	32
4			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	25
5			4-Heptanol	116	C7H16O	000589-55-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

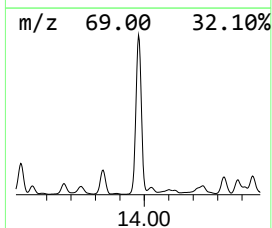
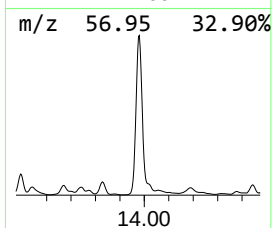
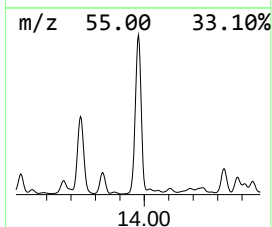
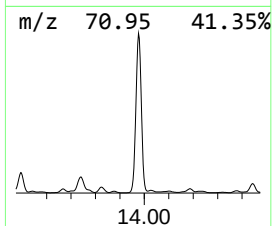
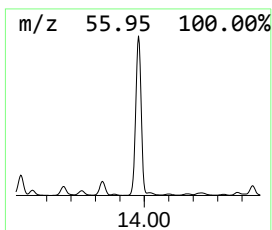
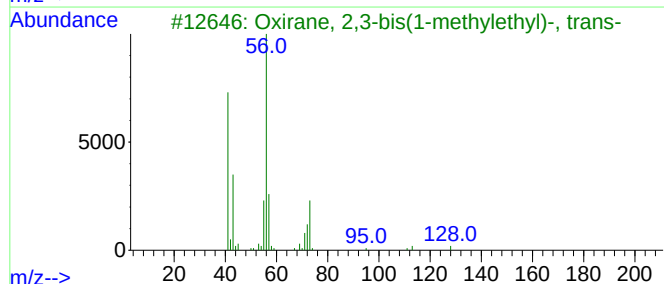
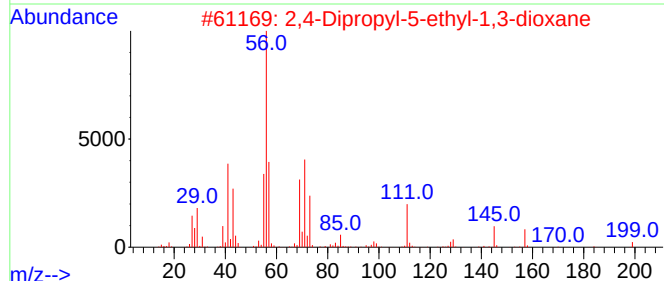
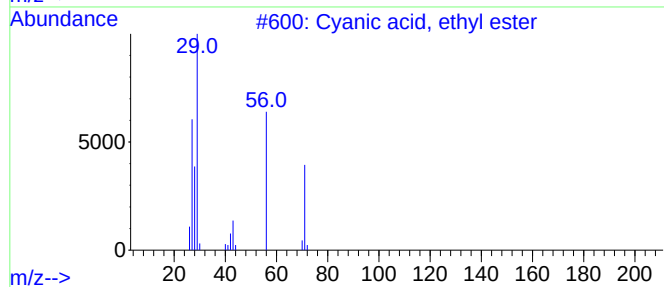
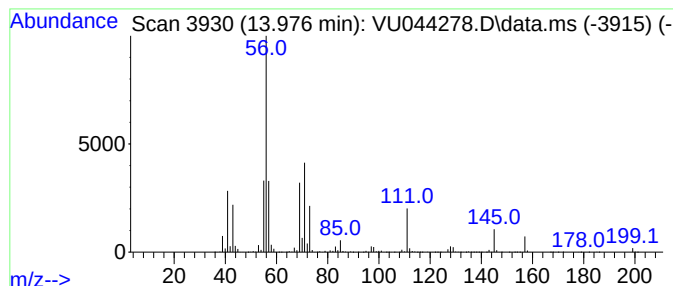
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyanic acid, ethyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	5.13 ug/L	14759100	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	52
2			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
3			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	33
5			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

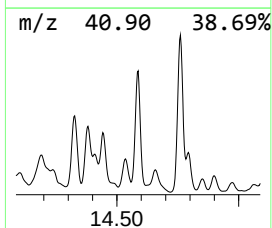
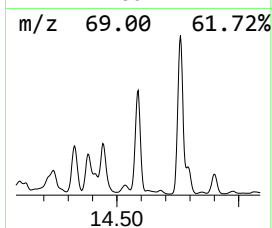
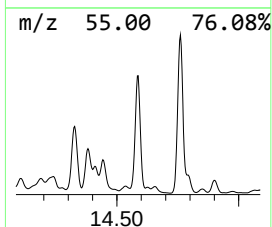
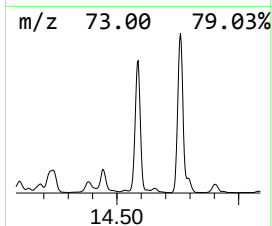
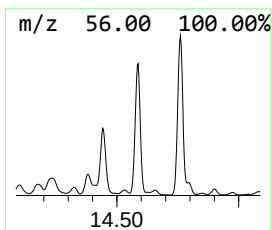
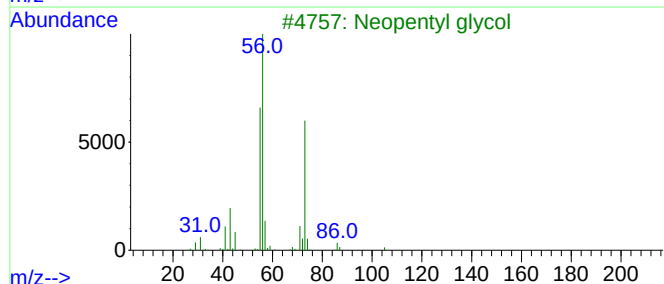
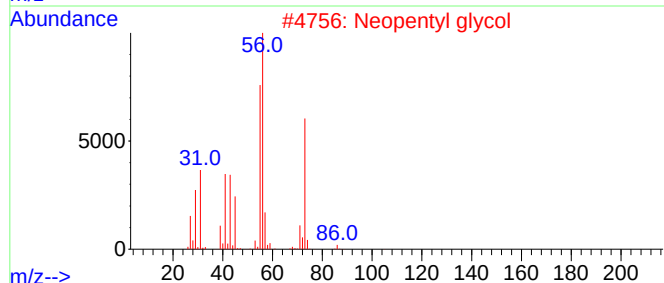
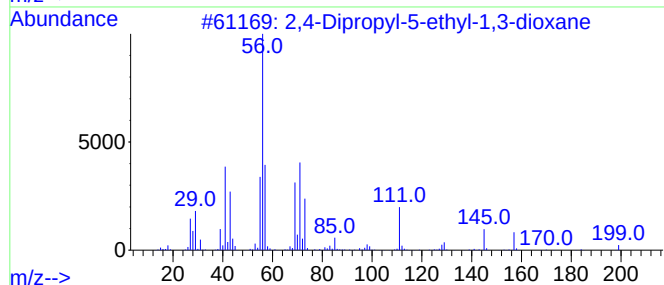
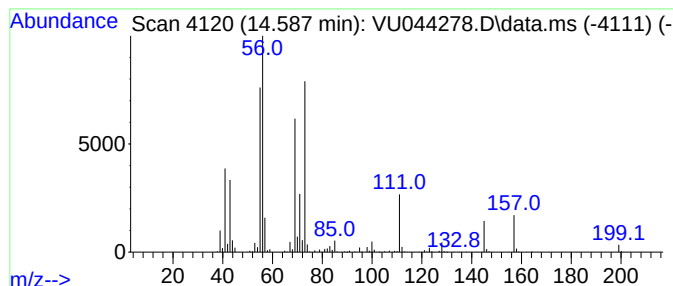
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.587	0.70 ug/L	2020620	1,4-Dichlorobenzene-d4	11.819

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	42
2		Neopentyl glycol	104	C5H12O2	000126-30-7	38
3		Neopentyl glycol	104	C5H12O2	000126-30-7	33
4		Tridecane, 7-methylene-	196	C14H28	019780-80-4	33
5		Neopentyl glycol	104	C5H12O2	000126-30-7	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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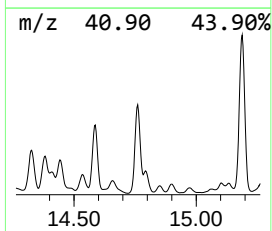
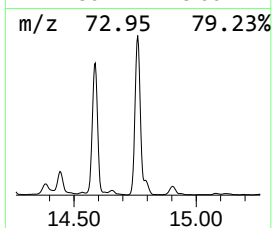
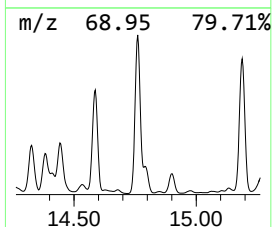
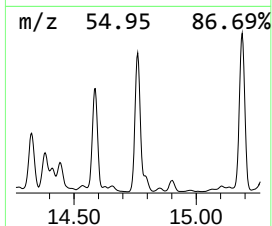
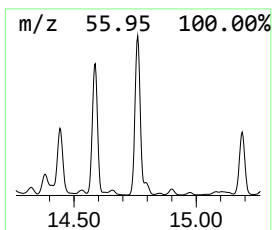
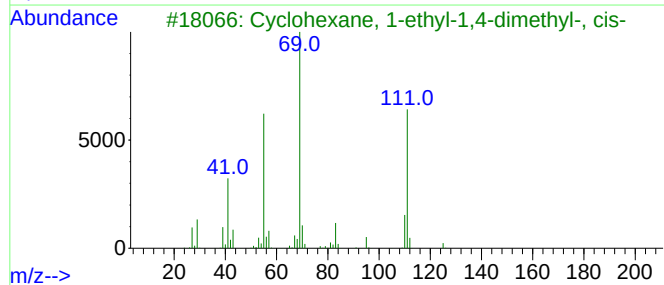
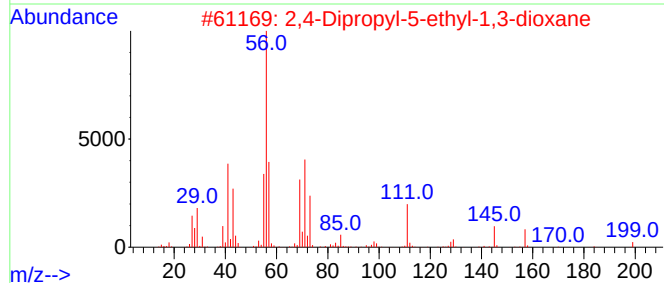
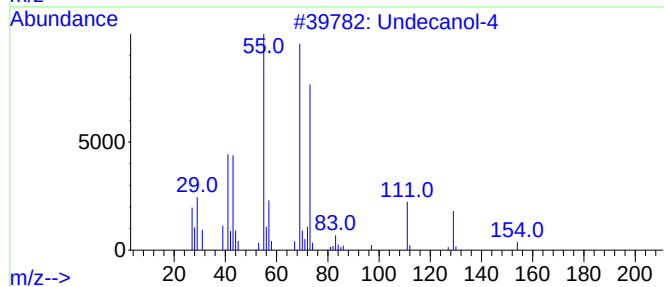
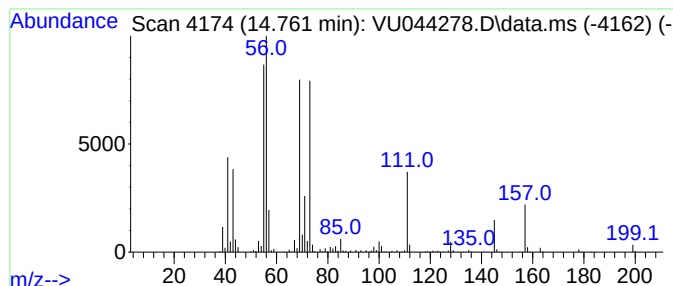
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	1.08 ug/L	3109190	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanol-4	172	C11H24O	004272-06-4	35
2			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
3			Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	25
4			Nonane, 4-methylene-	140	C10H20	033717-91-8	22
5			Neopentyl glycol	104	C5H12O2	000126-30-7	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

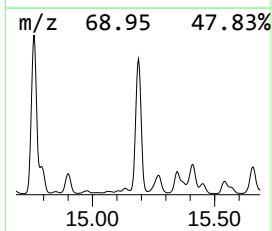
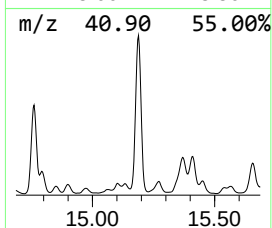
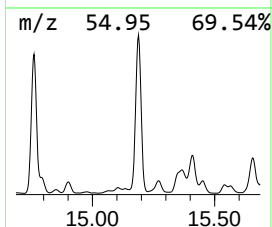
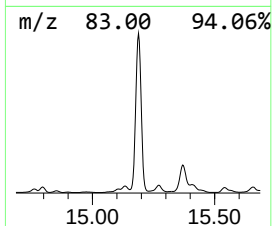
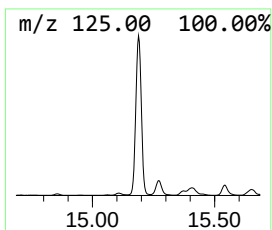
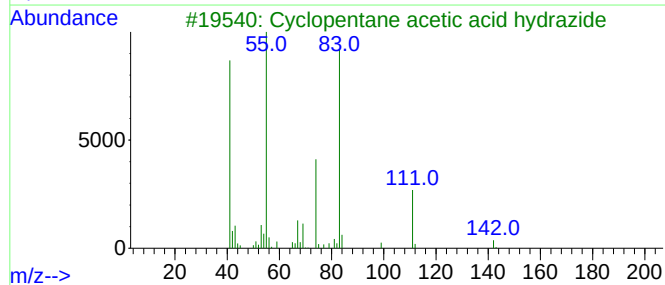
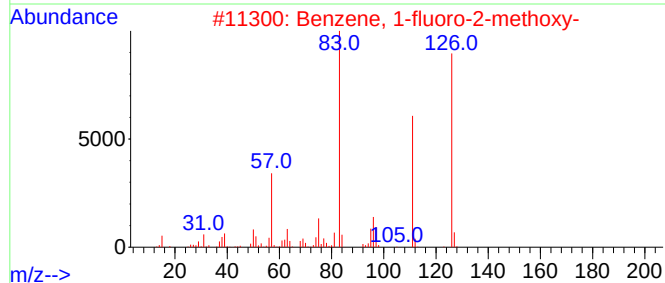
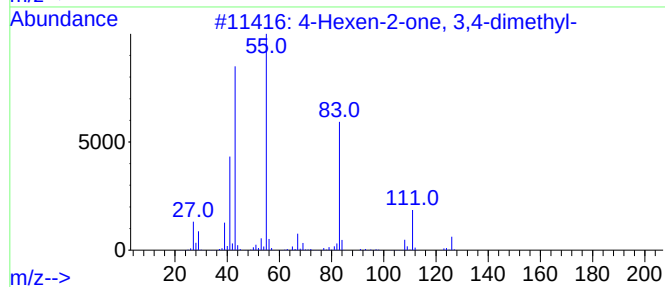
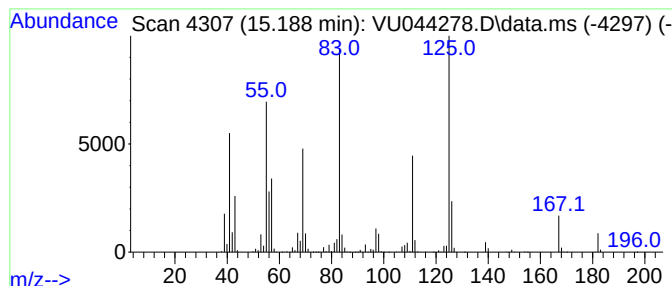
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.188	1.53 ug/L	4402170	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	43
2			Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	43
3			Cyclopentane acetic acid hydrazide	142	C7H14N2O	020287-25-6	35
4			3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	35
5			Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044278.D
Acq On : 01 Jul 2021 11:55
Operator : SY/MD
Sample : M2905-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK33

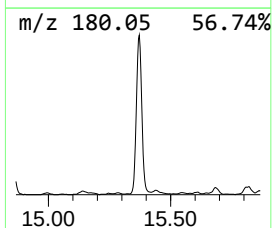
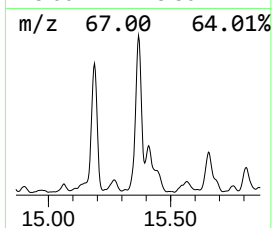
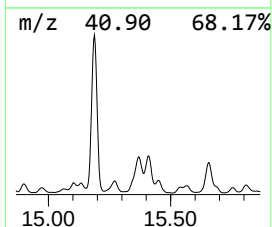
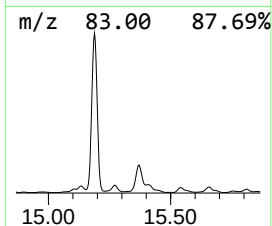
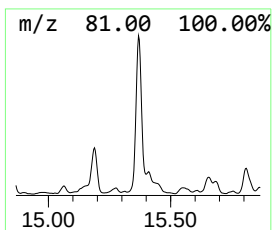
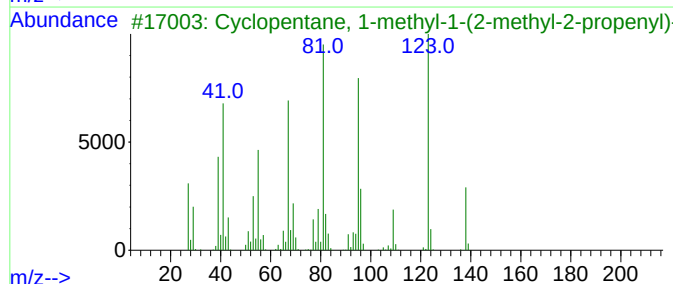
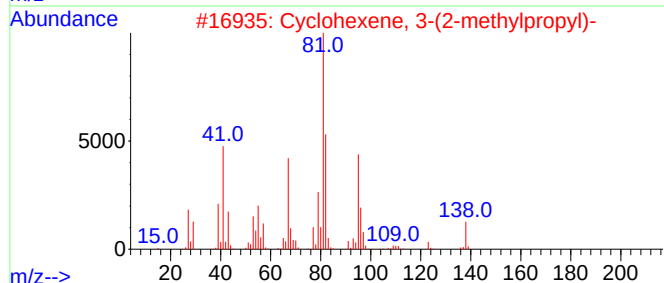
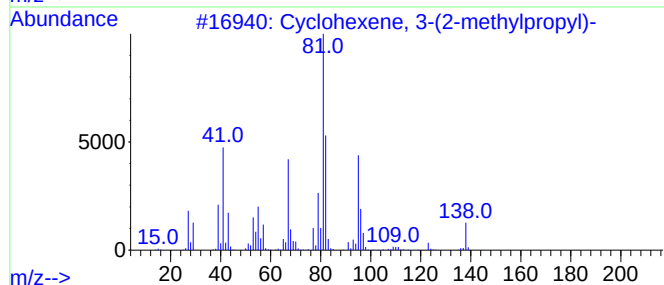
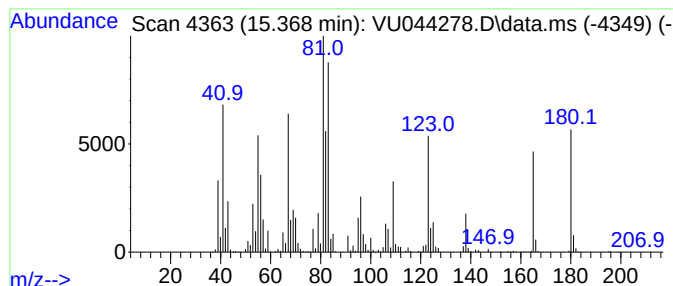
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	0.58 ug/L	1656990	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	46
2			Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	46
3			Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	45
4			Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	43
5			Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044278.D
 Acq On : 01 Jul 2021 11:55
 Operator : SY/MD
 Sample : M2905-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanal, 2-met...	3.591	6.7	ug/L	436479	1	6.256	325944	5.0
Butanal	4.459	48.7	ug/L	3176210	1	6.256	325944	5.0
Isobutyl ether	8.886	2.5	ug/L	189254	2	9.423	371806	5.0
unknown-01	9.690	17.3	ug/L	1288320	2	9.423	371806	5.0
unknown-02	10.709	0.5	ug/L	1514580	3	11.819	14382800	5.0
(DEL) Alkane: C...	12.047	1.0	ug/L	2963720	3	11.819	14382800	5.0
3-Nonanol	12.732	0.6	ug/L	1724370	3	11.819	14382800	5.0
unknown-03	12.835	0.8	ug/L	2199630	3	11.819	14382800	5.0
unknown-04	13.018	2.6	ug/L	7583230	3	11.819	14382800	5.0
unknown-05	13.111	2.4	ug/L	7014740	3	11.819	14382800	5.0
2,4-Dipropyl-5-...	13.494	0.6	ug/L	1788350	3	11.819	14382800	5.0
unknown-06	13.738	1.1	ug/L	3091890	3	11.819	14382800	5.0
Cyanic acid, et...	13.976	5.1	ug/L	14759100	3	11.819	14382800	5.0
unknown-07	14.587	0.7	ug/L	2020620	3	11.819	14382800	5.0
unknown-08	14.761	1.1	ug/L	3109190	3	11.819	14382800	5.0
unknown-09	15.188	1.5	ug/L	4402170	3	11.819	14382800	5.0
unknown-10	15.368	0.6	ug/L	1656990	3	11.819	14382800	5.0