

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018689.D
 Acq On : 20 Apr 2021 14:24
 Operator : SY/VA
 Sample : M2065-10
 Misc : 2.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG563

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	12	14	29	rVB2	13505	29645	3.49%	0.440%
2	2.166	37	43	48	rBV	9478	21325	2.51%	0.316%
3	2.355	67	74	81	rBV	51259	88322	10.38%	1.310%
4	2.568	107	109	112	rBV4	1245	1567	0.18%	0.023%
5	2.599	112	114	115	rBV2	1403	943	0.11%	0.014%
6	2.629	115	119	125	rVB8	4336	8085	0.95%	0.120%
7	2.892	155	162	172	rVB	36119	85516	10.05%	1.268%
8	3.251	219	221	224	rVB3	670	581	0.07%	0.009%
9	3.288	224	227	228	rBV	462	451	0.05%	0.007%
10	3.385	239	243	244	rVV3	905	1021	0.12%	0.015%
11	3.404	244	246	251	rVV3	968	1126	0.13%	0.017%
12	3.477	257	258	261	rVB	414	375	0.04%	0.006%
13	3.526	261	266	268	rBV4	1207	2009	0.24%	0.030%
14	3.544	268	269	272	rVV2	1055	666	0.08%	0.010%
15	3.593	275	277	278	rBV	564	342	0.04%	0.005%
16	3.635	282	284	286	rVB3	551	540	0.06%	0.008%
17	3.666	286	289	291	rBV2	549	583	0.07%	0.009%
18	3.684	291	292	294	rVB2	552	392	0.05%	0.006%
19	3.733	299	300	302	rBV	667	487	0.06%	0.007%
20	3.818	312	314	316	rBV2	296	347	0.04%	0.005%
21	3.897	325	327	329	rVB3	404	389	0.05%	0.006%
22	3.928	329	332	334	rBV2	291	349	0.04%	0.005%
23	3.952	334	336	337	rBV	519	502	0.06%	0.007%
24	4.019	337	347	357	rBV	68001	181697	21.36%	2.694%
25	4.129	357	365	372	rVV2	7451	21891	2.57%	0.325%
26	4.208	372	378	389	rVB3	13847	38578	4.54%	0.572%
27	4.385	395	407	418	rBV3	15121	46903	5.51%	0.695%
28	4.458	418	419	425	rVB4	891	962	0.11%	0.014%
29	4.507	425	427	429	rBV	321	366	0.04%	0.005%
30	4.550	432	434	435	rVB2	511	332	0.04%	0.005%
31	4.605	438	443	446	rBV4	656	1287	0.15%	0.019%
32	4.800	472	475	478	rBV2	292	434	0.05%	0.006%
33	4.916	482	494	507	rBV3	21488	70705	8.31%	1.048%
34	5.013	509	510	512	rVB2	468	330	0.04%	0.005%
35	5.111	522	526	528	rBV	570	777	0.09%	0.012%
36	5.165	530	535	538	rBV6	701	1385	0.16%	0.021%

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37	5.324	560	561	565	rVB2	322	338	0.04%	0.005%
38	5.361	565	567	568	rVB	547	339	0.04%	0.005%
39	5.379	568	570	571	rBV	471	323	0.04%	0.005%
40	5.434	574	579	581	rBV5	530	916	0.11%	0.014%
41	5.525	591	594	595	rBV2	393	339	0.04%	0.005%
42	5.550	595	598	599	rVB2	400	385	0.05%	0.006%
43	5.586	602	604	606	rVB2	365	326	0.04%	0.005%
44	5.604	606	607	610	rVB2	434	371	0.04%	0.006%
45	5.739	626	629	630	rBV	534	536	0.06%	0.008%
46	5.775	633	635	637	rVV3	431	363	0.04%	0.005%
47	5.800	637	639	642	rVB3	748	911	0.11%	0.014%
48	5.842	642	646	647	rBV2	509	633	0.07%	0.009%
49	5.885	651	653	654	rBV2	432	398	0.05%	0.006%
50	5.946	654	663	673	rVV3	8179	25085	2.95%	0.372%
51	6.092	686	687	692	rVB4	335	387	0.05%	0.006%
52	6.409	736	739	741	rBV2	386	440	0.05%	0.007%
53	6.440	743	744	746	rBV2	468	355	0.04%	0.005%
54	6.470	746	749	752	rBV4	447	411	0.05%	0.006%
55	6.525	756	758	760	rVB2	523	357	0.04%	0.005%
56	6.598	764	770	773	rBV4	758	1232	0.14%	0.018%
57	6.684	782	784	786	rBV	711	579	0.07%	0.009%
58	6.714	786	789	792	rBV4	584	643	0.08%	0.010%
59	6.769	796	798	801	rBV3	601	549	0.06%	0.008%
60	6.873	810	815	818	rBV5	617	943	0.11%	0.014%
61	6.909	818	821	824	rBV4	1129	1663	0.20%	0.025%
62	6.958	827	829	832	rVB4	803	863	0.10%	0.013%
63	7.013	835	838	840	rBV3	578	684	0.08%	0.010%
64	7.080	840	849	853	rBV	23185	60459	7.11%	0.896%
65	7.141	853	859	874	rVV	35071	111784	13.14%	1.657%
66	7.244	874	876	878	rVV3	858	1142	0.13%	0.017%
67	7.263	878	879	880	rVV	1215	704	0.08%	0.010%
68	7.281	880	882	885	rVV4	1117	1172	0.14%	0.017%
69	7.305	885	886	889	rVB3	694	599	0.07%	0.009%
70	7.415	902	904	906	rBV3	522	532	0.06%	0.008%
71	7.494	916	917	920	rBV3	1185	1243	0.15%	0.018%
72	7.537	922	924	926	rVV3	735	687	0.08%	0.010%
73	7.653	933	943	955	rBV	123641	304931	35.85%	4.521%
74	7.830	970	972	973	rVB2	784	366	0.04%	0.005%
75	7.848	973	975	977	rVB3	957	489	0.06%	0.007%
76	7.878	978	980	982	rBV3	740	529	0.06%	0.008%

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77	7.903	982	984	985	rBV2	630	426	0.05%	0.006%
78	8.019	999	1003	1005	rBV5	1002	1472	0.17%	0.022%
79	8.098	1013	1016	1018	rBV4	1434	1481	0.17%	0.022%
80	8.275	1033	1045	1062	rBV3	250900	850526	100.00%	12.611%
81	8.458	1073	1075	1078	rBV4	1195	1310	0.15%	0.019%
82	8.512	1082	1084	1087	rBV4	1826	2324	0.27%	0.034%
83	8.842	1130	1138	1147	rBV	266258	543959	63.96%	8.065%
84	9.140	1185	1187	1189	rBV3	3232	2946	0.35%	0.044%
85	9.274	1202	1209	1218	rBV	160239	327690	38.53%	4.859%
86	10.037	1329	1334	1342	rBV	51797	95325	11.21%	1.413%
87	10.323	1375	1381	1388	rBV	262974	477846	56.18%	7.085%
88	10.579	1419	1423	1428	rVB	33405	57828	6.80%	0.857%
89	10.707	1439	1444	1451	rBV	64029	111932	13.16%	1.660%
90	10.927	1475	1480	1488	rBV	90833	155919	18.33%	2.312%
91	11.439	1560	1564	1569	rBV2	68017	153685	18.07%	2.279%
92	11.634	1591	1596	1602	rVB	343638	589009	69.25%	8.733%
93	12.615	1752	1757	1758	rBV3	85445	131425	15.45%	1.949%
94	12.689	1766	1769	1781	rVB2	213990	463494	54.49%	6.872%
95	13.554	1907	1911	1917	rBV	253505	416211	48.94%	6.171%
96	13.762	1938	1945	1955	rVB4	119402	397854	46.78%	5.899%
97	13.853	1955	1960	1965	rBV	193247	314685	37.00%	4.666%
98	14.755	2102	2108	2119	rVB2	95954	294453	34.62%	4.366%
99	15.158	2171	2174	2189	rVB2	77235	183038	21.52%	2.714%
100	16.285	2354	2359	2363	rBV4	17312	33368	3.92%	0.495%

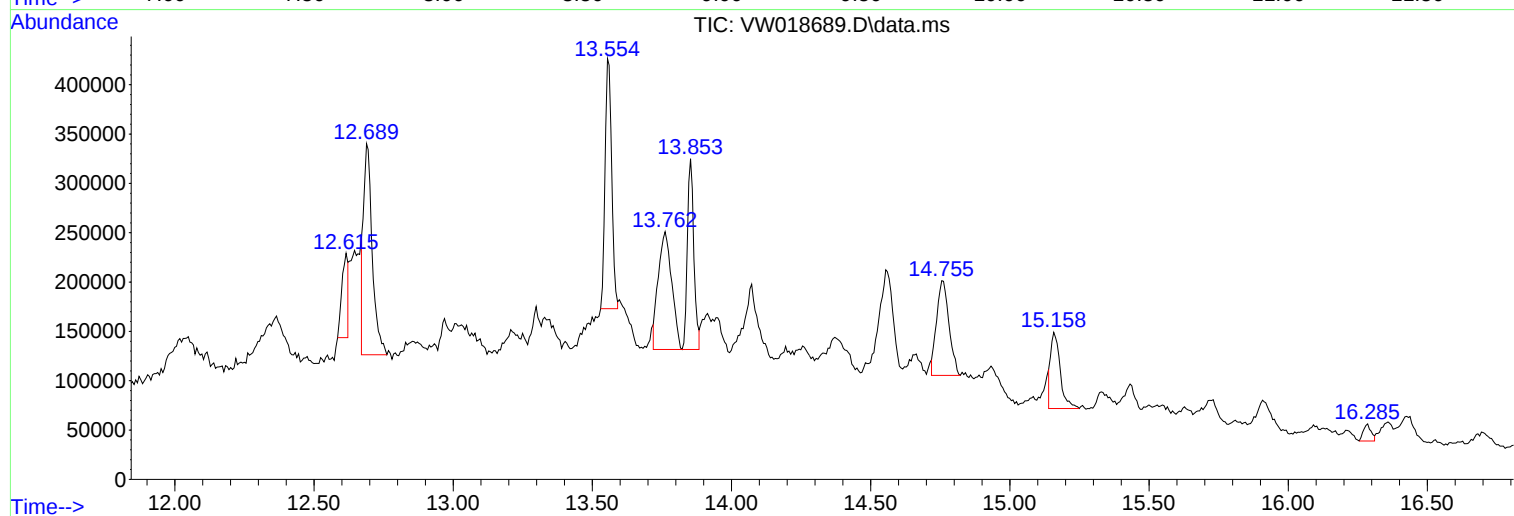
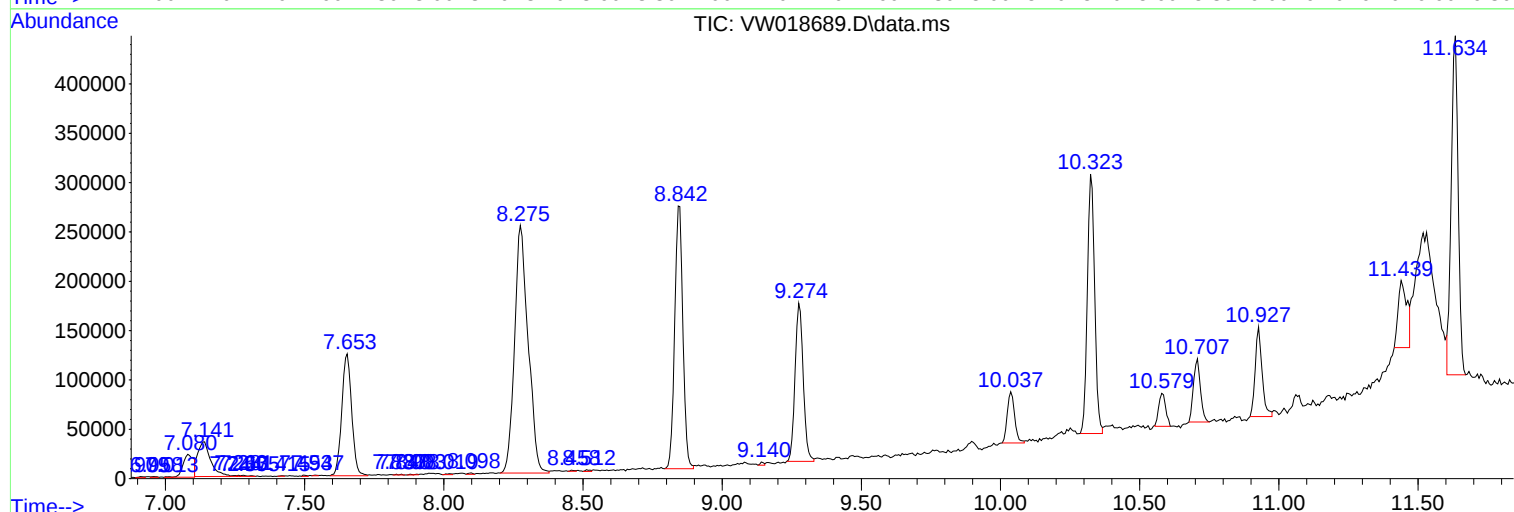
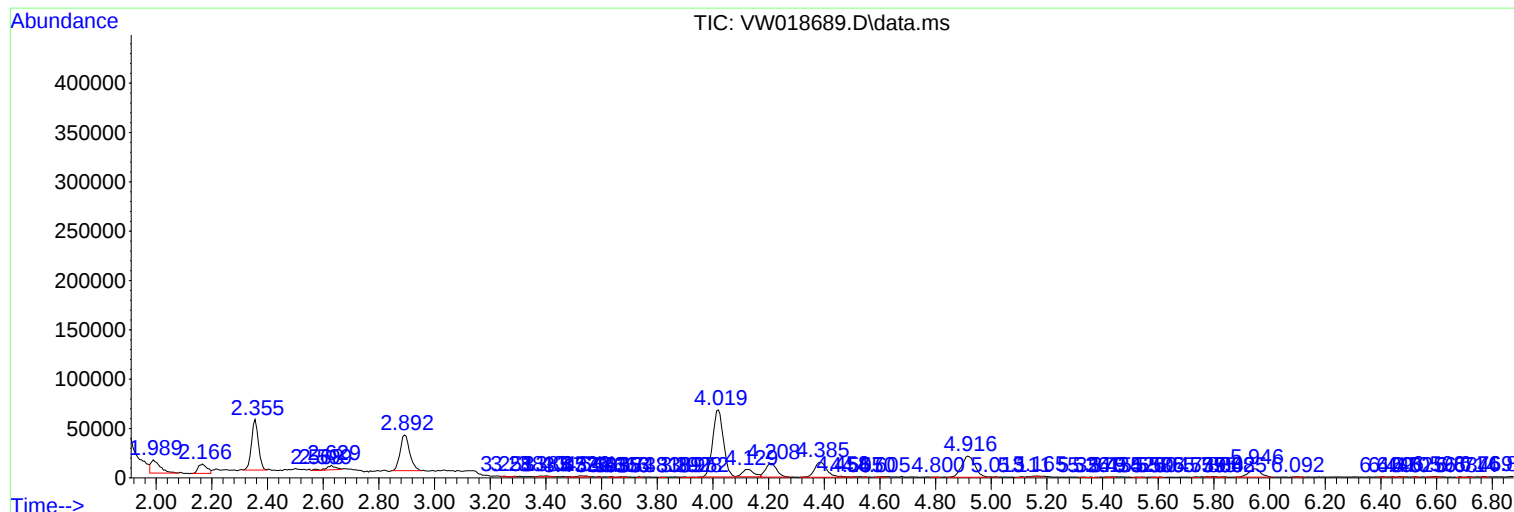
Sum of corrected areas: 6744422

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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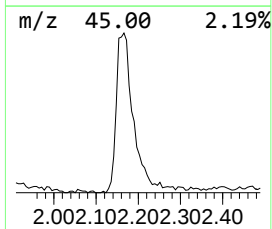
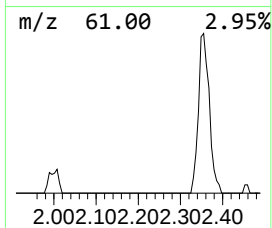
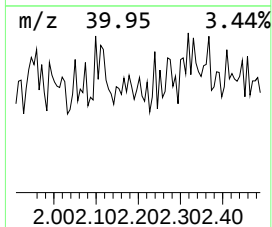
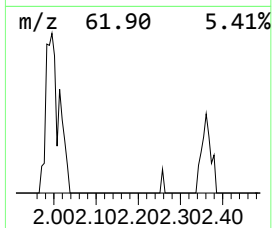
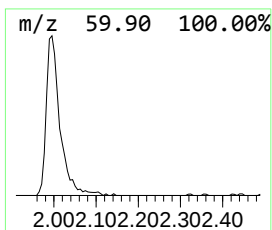
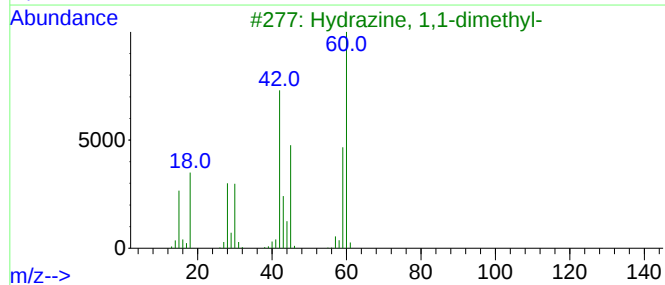
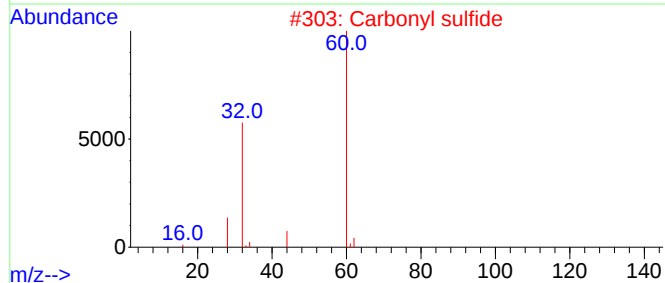
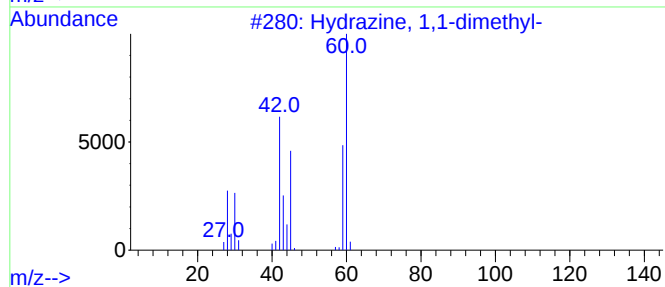
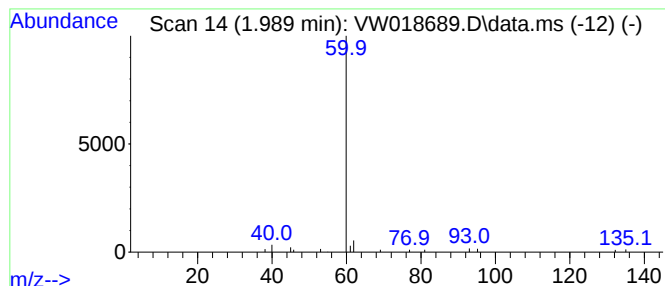
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	1.36 ug/L	29645	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7
2			Carbonyl sulfide	60	COS	000463-58-1	5
3			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5
4			Carbonyl sulfide	60	COS	000463-58-1	5
5			Urea	60	CH4N2O	000057-13-6	5



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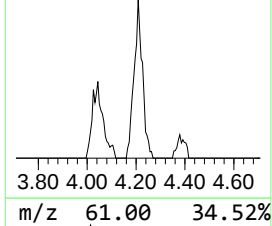
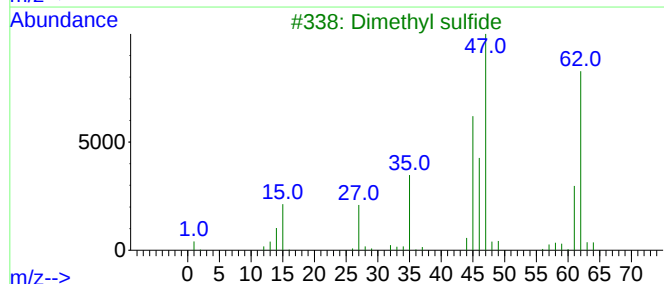
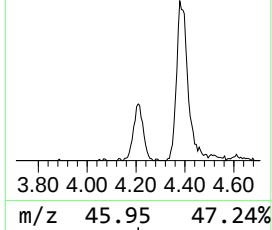
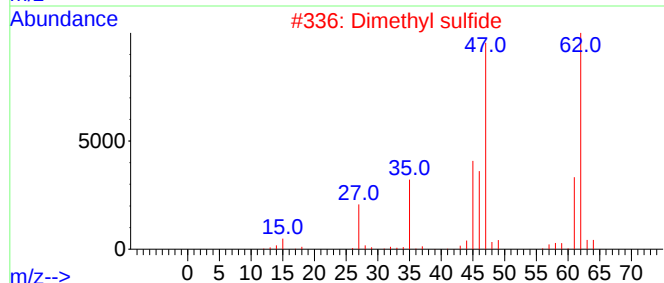
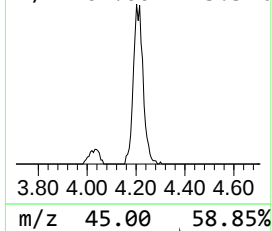
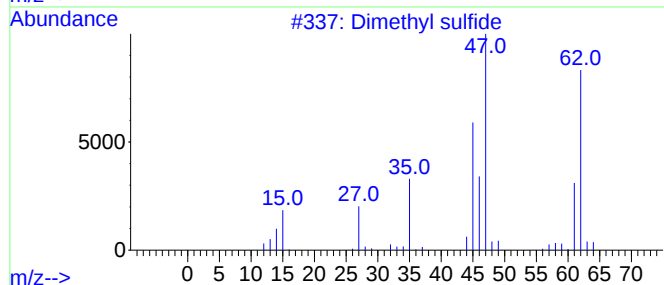
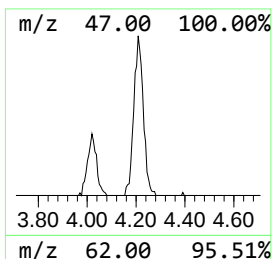
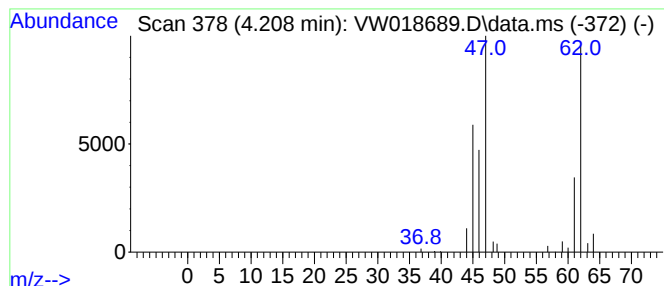
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	1.77 ug/L	38578	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	87
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	78



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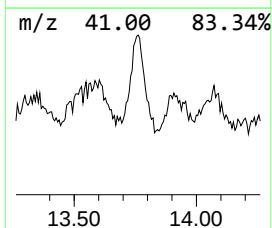
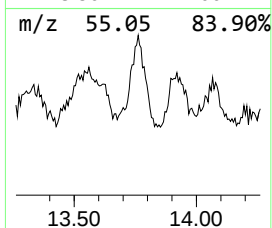
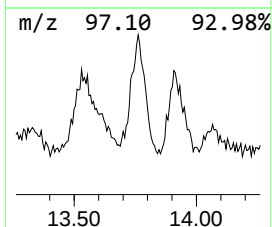
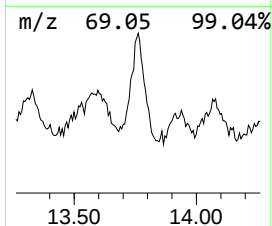
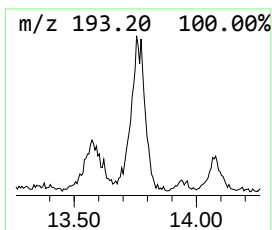
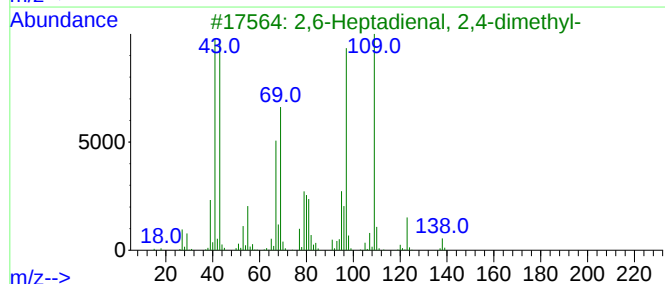
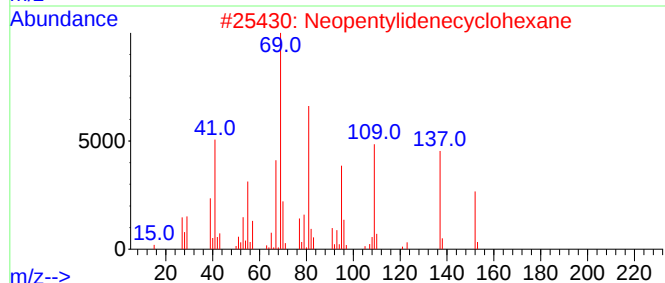
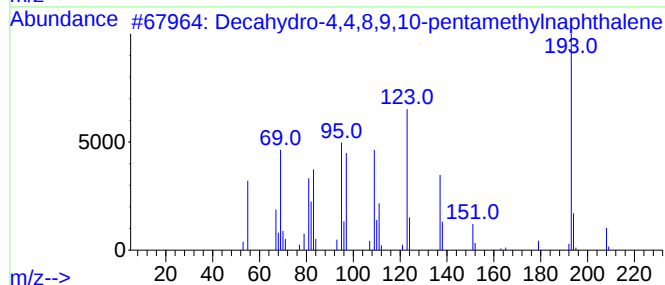
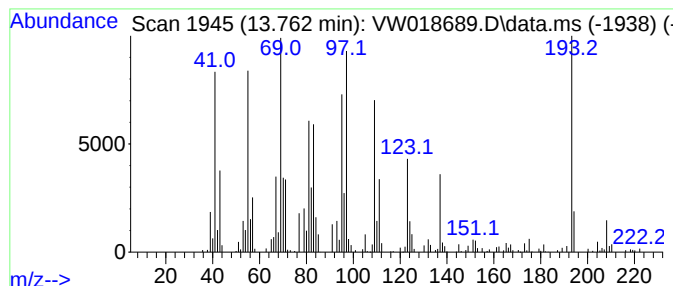
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	23.90 ug/L	397854	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	42
3			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
4			Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	27
5			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018689.D
Acq On : 20 Apr 2021 14:24
Operator : SY/VA
Sample : M2065-10
Misc : 2.26G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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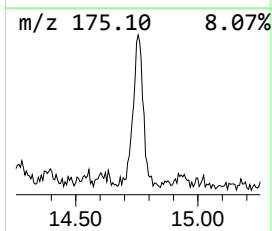
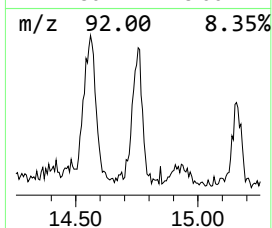
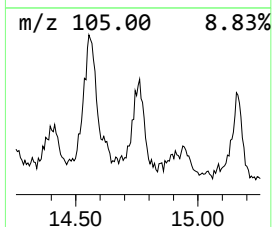
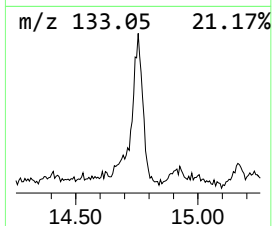
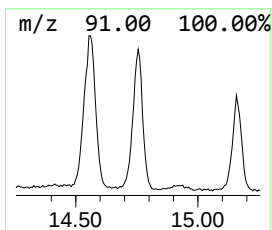
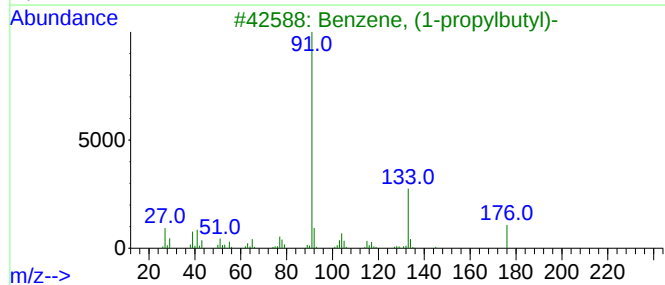
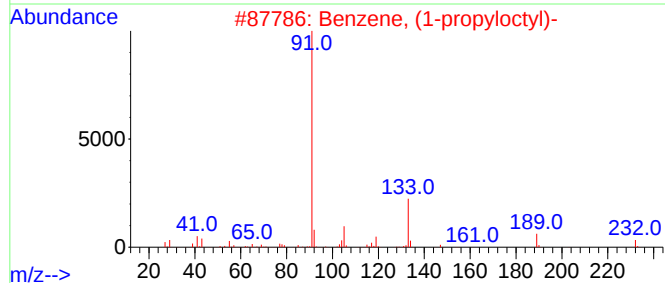
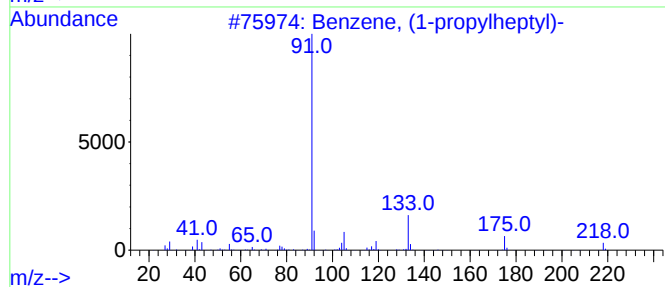
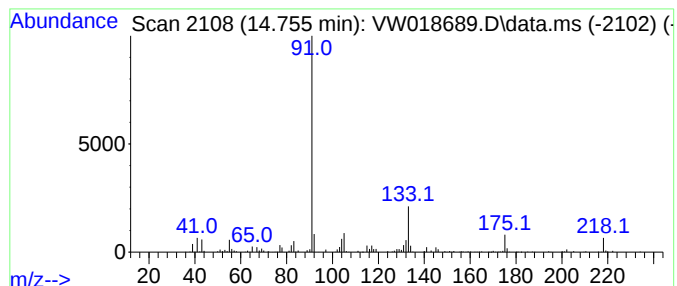
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, (1-propylheptyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.755	17.69 ug/L	294453	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	90
2			Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	50
3			Benzene, (1-propylbutyl)-	176	C13H20	002132-86-7	43
4			Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	40
5			Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018689.D
Acq On : 20 Apr 2021 14:24
Operator : SY/VA
Sample : M2065-10
Misc : 2.26G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG563

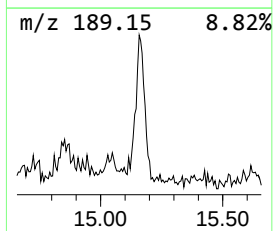
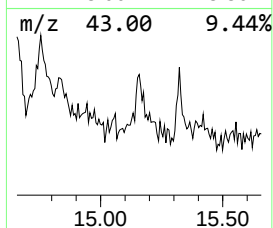
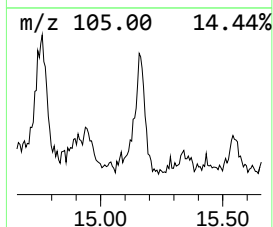
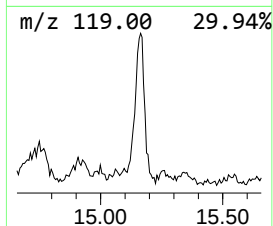
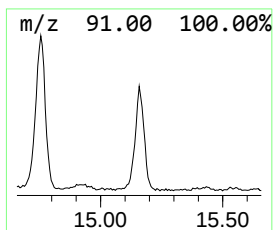
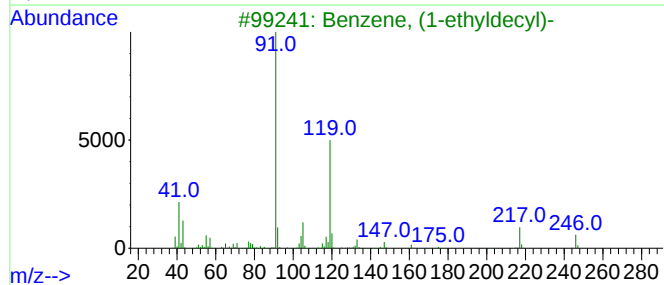
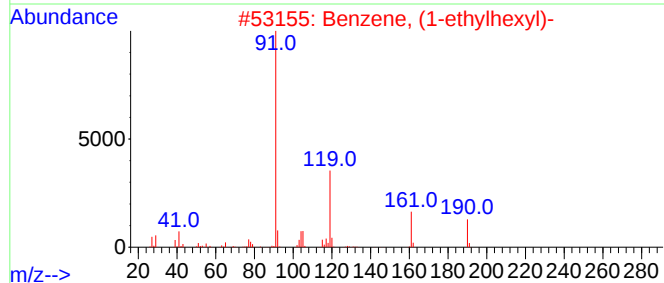
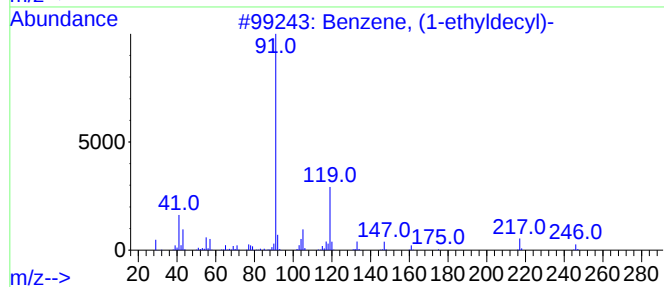
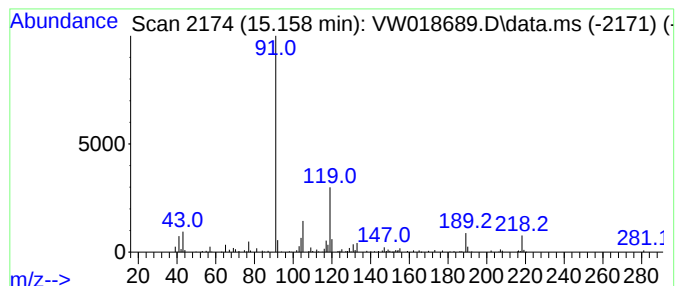
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, (1-ethyldecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.158	10.99 ug/L	183038	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	59
2		Benzene, (1-ethylhexyl)-	190	C14H22	018335-15-4	50
3		Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	47
4		Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	38
5		Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018689.D
Acq On : 20 Apr 2021 14:24
Operator : SY/VA
Sample : M2065-10
Misc : 2.26G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG563

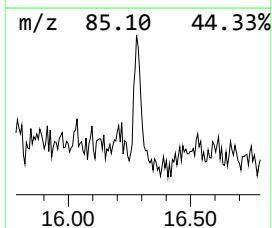
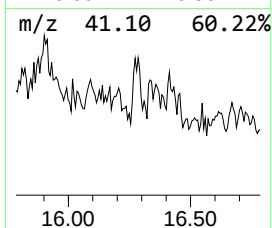
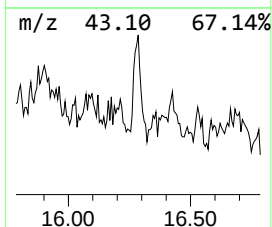
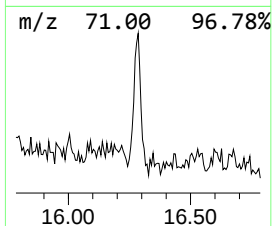
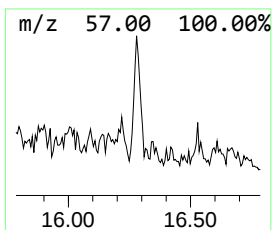
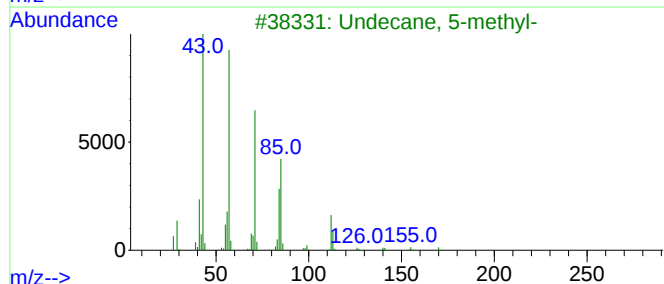
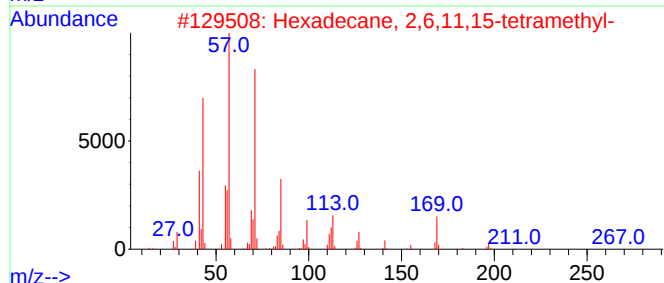
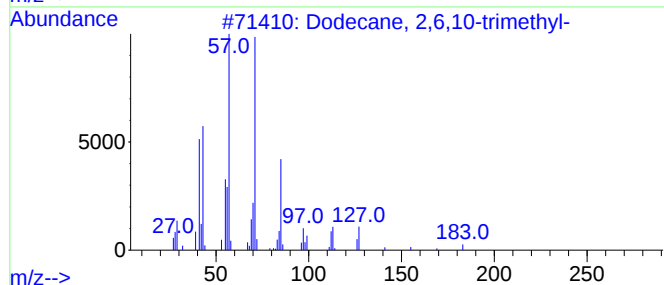
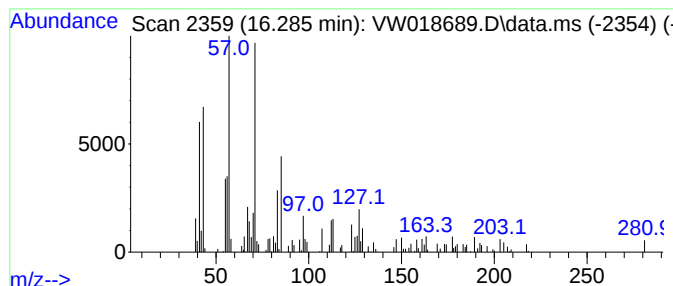
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.285	2.00 ug/L	33368	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018689.D
Acq On : 20 Apr 2021 14:24
Operator : SY/VA
Sample : M2065-10
Misc : 2.26G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG563

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.989	1.4	ug/L	29645	1	8.848	543959	25.0
Dimethyl sulfide	4.208	1.8	ug/L	38578	1	8.848	543959	25.0
unknown-02	13.762	23.9	ug/L	397854	3	13.554	416211	25.0
Benzene, (1-pro...	14.755	17.7	ug/L	294453	3	13.554	416211	25.0
Benzene, (1-eth...	15.158	11.0	ug/L	183038	3	13.554	416211	25.0
(DEL) Alkane: S...	16.285	2.0	ug/L	33368	3	13.554	416211	25.0