

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018691.D
 Acq On : 20 Apr 2021 15:12
 Operator : SY/VA
 Sample : M2065-12
 Misc : 3.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

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: VW018691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	49	rBV	11120	26717	2.16%	0.204%
2	2.361	65	75	85	rBV	59299	126544	10.22%	0.968%
3	2.507	93	99	104	rBV3	5017	11486	0.93%	0.088%
4	2.898	155	163	176	rVB	46464	114630	9.25%	0.877%
5	3.032	180	185	190	rBV8	2454	4500	0.36%	0.034%
6	3.391	235	244	249	rBV6	2804	6514	0.53%	0.050%
7	4.019	336	347	358	rBV	72070	229694	18.54%	1.758%
8	4.129	359	365	376	rVV2	27015	81490	6.58%	0.624%
9	4.202	376	377	390	rVB5	3404	7206	0.58%	0.055%
10	4.422	398	413	435	rBV5	14737	80667	6.51%	0.617%
11	4.928	483	496	513	rBV	35620	132655	10.71%	1.015%
12	5.440	572	580	583	rBV5	1304	3167	0.26%	0.024%
13	5.793	627	638	647	rBV7	3325	10966	0.89%	0.084%
14	5.946	651	663	675	rBV3	17126	54282	4.38%	0.415%
15	6.879	809	816	817	rBV5	1348	2735	0.22%	0.021%
16	6.994	829	835	841	rVB7	1267	2987	0.24%	0.023%
17	7.080	841	849	854	rBV	53530	144557	11.67%	1.106%
18	7.141	854	859	875	rVB3	55398	183657	14.83%	1.405%
19	7.653	933	943	955	rBV	168492	417394	33.70%	3.194%
20	7.964	985	994	1000	rVV5	4011	10659	0.86%	0.082%
21	8.037	1000	1006	1016	rVB4	2947	7802	0.63%	0.060%
22	8.275	1032	1045	1062	rVV3	344108	1238659	100.00%	9.479%
23	8.415	1064	1068	1070	rVV4	1810	3140	0.25%	0.024%
24	8.482	1070	1079	1089	rVV	15839	44585	3.60%	0.341%
25	8.701	1109	1115	1124	rBV6	2135	5319	0.43%	0.041%
26	8.842	1128	1138	1154	rBV	379329	759676	61.33%	5.814%
27	9.073	1168	1176	1183	rBV2	13824	30949	2.50%	0.237%
28	9.122	1183	1184	1194	rVB5	1347	2620	0.21%	0.020%
29	9.274	1200	1209	1225	rBV	222796	488676	39.45%	3.740%
30	9.463	1237	1240	1247	rVB5	1513	2774	0.22%	0.021%
31	9.585	1254	1260	1262	rBV5	1742	3652	0.29%	0.028%
32	9.610	1262	1264	1268	rVB4	1968	2518	0.20%	0.019%
33	9.677	1270	1275	1278	rVB6	1627	3028	0.24%	0.023%
34	9.762	1282	1289	1296	rVB3	18553	36118	2.92%	0.276%
35	9.896	1299	1311	1317	rBV2	29509	61618	4.97%	0.472%
36	9.957	1319	1321	1325	rVV3	2735	3445	0.28%	0.026%

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 Title : SFAM01.0

37	10.037	1328	1334	1347	rVB	53262	98066	7.92%	0.750%
38	10.146	1347	1352	1356	rVB7	1523	2973	0.24%	0.023%
39	10.219	1357	1364	1365	rBV4	8429	15248	1.23%	0.117%
40	10.250	1365	1369	1375	rVV	21566	38244	3.09%	0.293%
41	10.323	1375	1381	1389	rVV	283149	503966	40.69%	3.857%
42	10.390	1389	1392	1397	rVB	5947	9533	0.77%	0.073%
43	10.512	1404	1412	1417	rBV	3415	7498	0.61%	0.057%
44	10.579	1417	1423	1429	rBV	44437	75830	6.12%	0.580%
45	10.707	1436	1444	1451	rBV	93218	174550	14.09%	1.336%
46	10.774	1451	1455	1460	rVV5	3484	5285	0.43%	0.040%
47	10.847	1464	1467	1471	rVB6	3922	6148	0.50%	0.047%
48	10.927	1473	1480	1490	rBV	202026	351581	28.38%	2.691%
49	11.067	1497	1503	1508	rBV	39055	60271	4.87%	0.461%
50	11.109	1508	1510	1514	rVB4	4831	6752	0.55%	0.052%
51	11.183	1517	1522	1525	rBV4	7317	11776	0.95%	0.090%
52	11.231	1525	1530	1534	rVB3	6179	10388	0.84%	0.079%
53	11.286	1534	1539	1544	rBV6	6461	10276	0.83%	0.079%
54	11.329	1544	1546	1551	rVB5	3361	4405	0.36%	0.034%
55	11.439	1554	1564	1573	rVB2	82719	154523	12.48%	1.183%
56	11.524	1573	1578	1579	rBV5	3665	5388	0.43%	0.041%
57	11.542	1579	1581	1586	rVB6	3509	5789	0.47%	0.044%
58	11.634	1587	1596	1603	rBV	364704	649688	52.45%	4.972%
59	11.695	1603	1606	1610	rVB2	10000	14377	1.16%	0.110%
60	11.762	1615	1617	1621	rVB4	3465	4681	0.38%	0.036%
61	11.823	1621	1627	1632	rBV4	19128	42299	3.41%	0.324%
62	11.878	1632	1636	1646	rVB4	19464	46736	3.77%	0.358%
63	11.975	1646	1652	1654	rBV3	13975	24088	1.94%	0.184%
64	12.067	1664	1667	1671	rVB3	6553	8437	0.68%	0.065%
65	12.128	1671	1677	1681	rBV4	24993	60615	4.89%	0.464%
66	12.164	1681	1683	1687	rVV	16981	21286	1.72%	0.163%
67	12.231	1689	1694	1701	rVB3	20890	49164	3.97%	0.376%
68	12.365	1701	1716	1721	rBV2	92896	241328	19.48%	1.847%
69	12.451	1722	1730	1736	rBV6	41789	105288	8.50%	0.806%
70	12.603	1746	1755	1762	rVB2	130491	315946	25.51%	2.418%
71	12.695	1762	1770	1775	rBV	255031	500016	40.37%	3.826%
72	12.749	1775	1779	1790	rVB3	66295	225844	18.23%	1.728%
73	12.865	1790	1798	1804	rBV7	69973	208909	16.87%	1.599%
74	12.969	1804	1815	1824	rBV6	99063	344742	27.83%	2.638%
75	13.060	1825	1830	1836	rBV2	96694	226767	18.31%	1.735%
76	13.127	1836	1841	1845	rVB	130982	189600	15.31%	1.451%

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 Title : SFAM01.0

77	13.194	1845	1852	1860	rBV2	141749	287746	23.23%	2.202%
78	13.262	1860	1863	1865	rBV4	26513	34360	2.77%	0.263%
79	13.298	1865	1869	1873	rBV2	106699	154705	12.49%	1.184%
80	13.408	1879	1887	1896	rBV2	242464	531027	42.87%	4.064%
81	13.481	1896	1899	1902	rBV	46572	58673	4.74%	0.449%
82	13.560	1907	1912	1915	rVV	195834	350858	28.33%	2.685%
83	13.603	1915	1919	1928	rVB	213718	473358	38.22%	3.622%
84	13.694	1930	1934	1938	rVB5	52889	80759	6.52%	0.618%
85	13.768	1939	1946	1950	rVB5	79135	157271	12.70%	1.204%
86	13.853	1955	1960	1969	rBV3	143996	359889	29.05%	2.754%
87	13.981	1978	1981	1984	rBV5	27357	39849	3.22%	0.305%
88	14.066	1992	1995	2001	rBV5	47869	87907	7.10%	0.673%
89	14.194	2012	2016	2020	rBV2	51562	77339	6.24%	0.592%
90	14.261	2023	2027	2034	rVB5	79409	151044	12.19%	1.156%
91	14.383	2042	2047	2050	rBV3	84896	137948	11.14%	1.056%
92	14.499	2061	2066	2067	rBV4	78567	119094	9.61%	0.911%
93	14.658	2089	2092	2096	rBV3	34459	39877	3.22%	0.305%
94	14.792	2111	2114	2119	rBV4	36189	77780	6.28%	0.595%
95	14.847	2120	2123	2128	rVB4	67165	117270	9.47%	0.897%
96	15.243	2184	2188	2194	rVB6	49413	94290	7.61%	0.722%
97	15.328	2198	2202	2208	rVB4	59856	123231	9.95%	0.943%
98	15.395	2208	2213	2216	rBV5	54525	109911	8.87%	0.841%
99	15.566	2237	2241	2247	rBV4	38466	78532	6.34%	0.601%
100	15.731	2264	2268	2276	rVB7	64055	139120	11.23%	1.065%

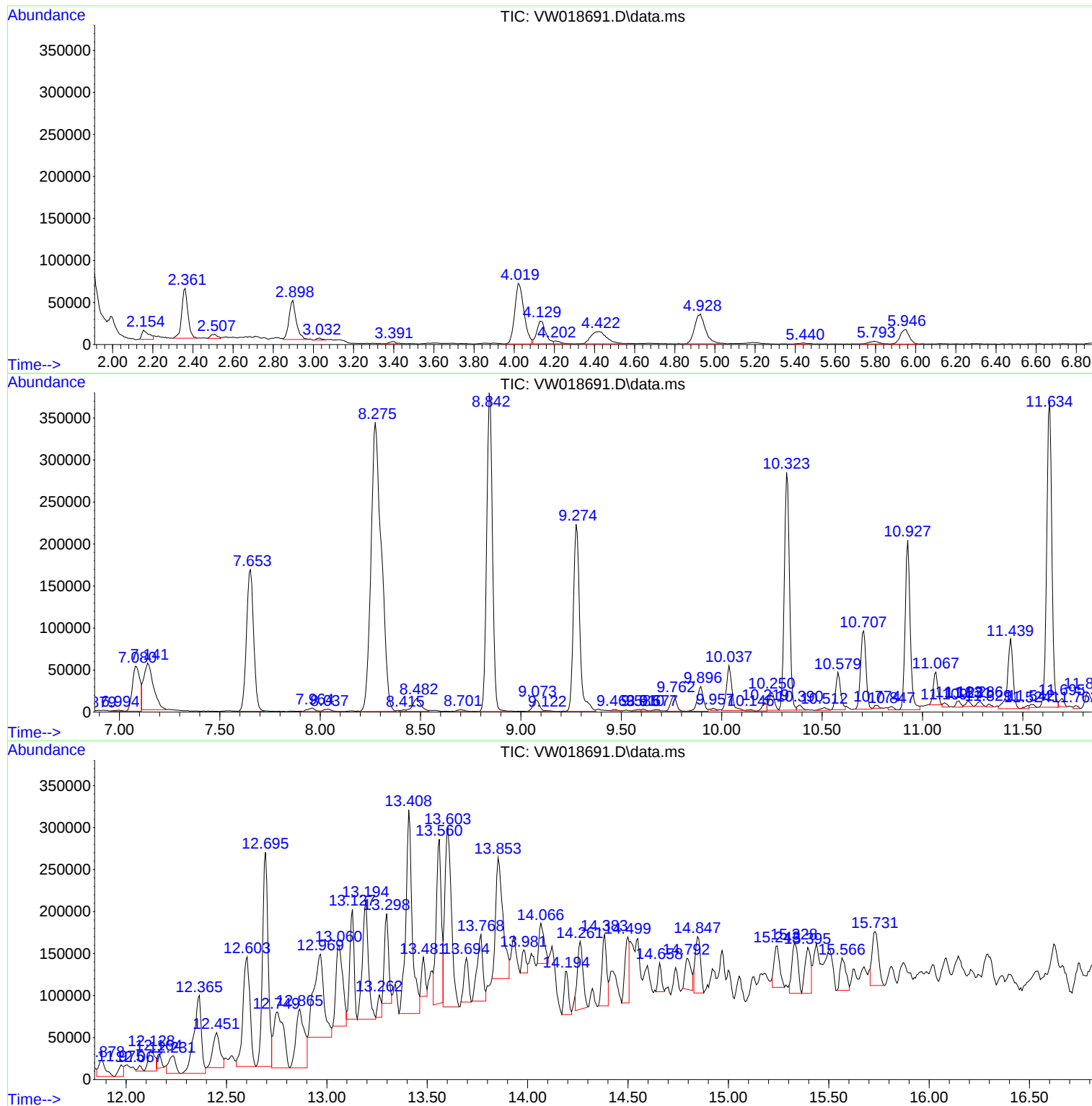
Sum of corrected areas: 13067225

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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



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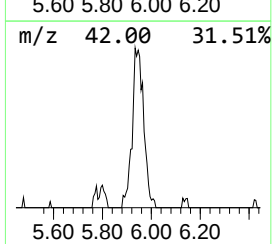
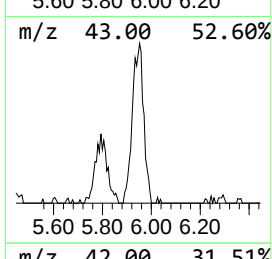
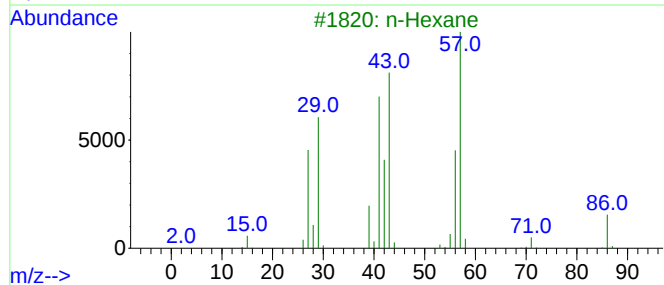
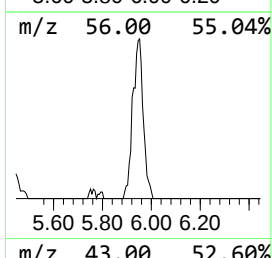
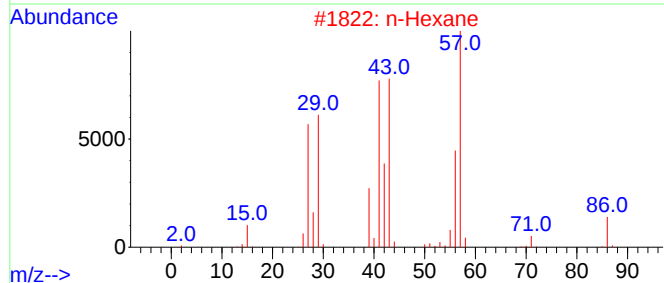
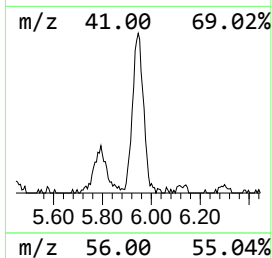
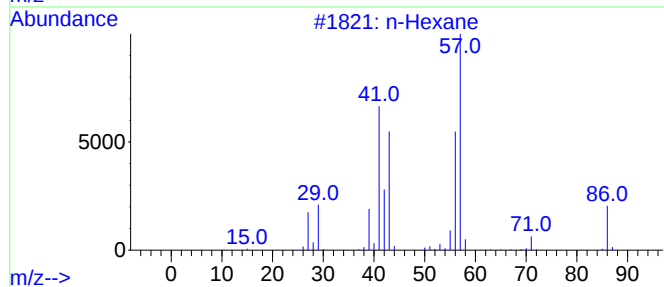
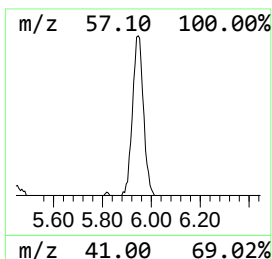
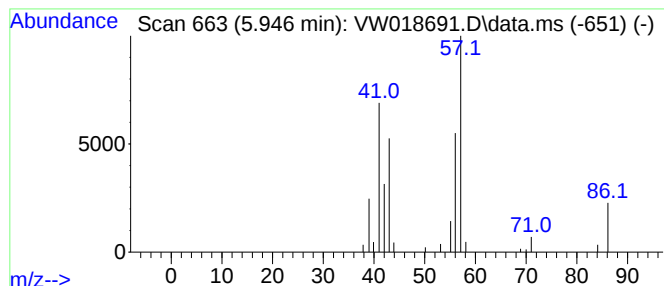
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	1.79 ug/L	54282	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	91
2	n-Hexane		86	C6H14	000110-54-3	72
3	n-Hexane		86	C6H14	000110-54-3	56
4	Pentane, 3-methyl-		86	C6H14	000096-14-0	38
5	1-Butanol		74	C4H10O	000071-36-3	38



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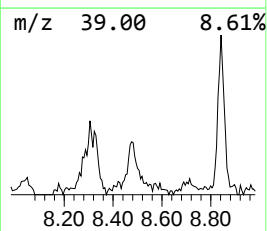
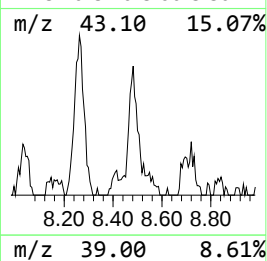
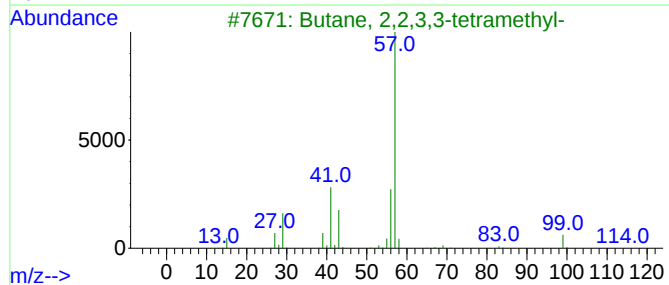
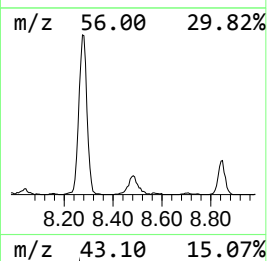
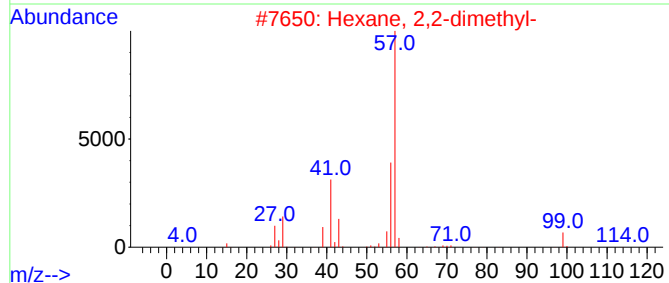
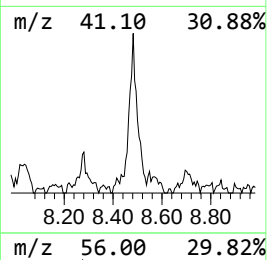
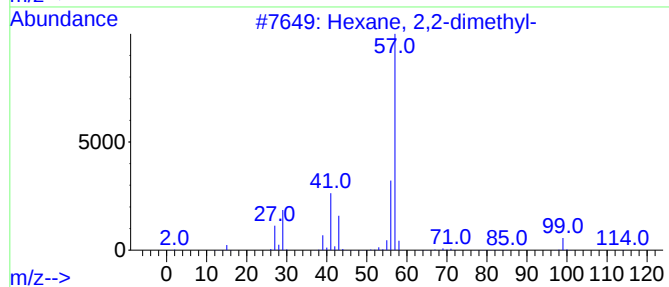
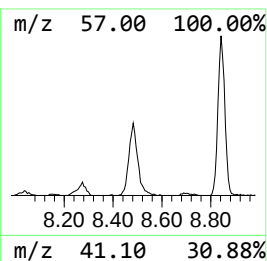
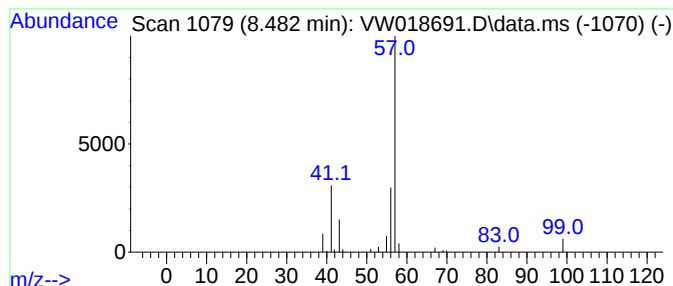
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	1.47 ug/L	44585	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4		Methane, isocyanato-	57	C2H3NO	000624-83-9	59
5		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56



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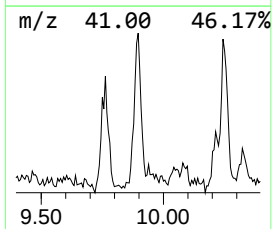
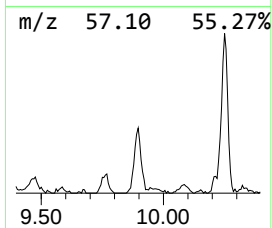
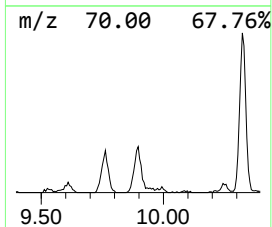
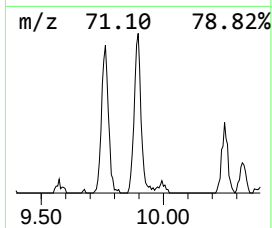
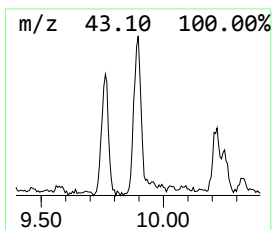
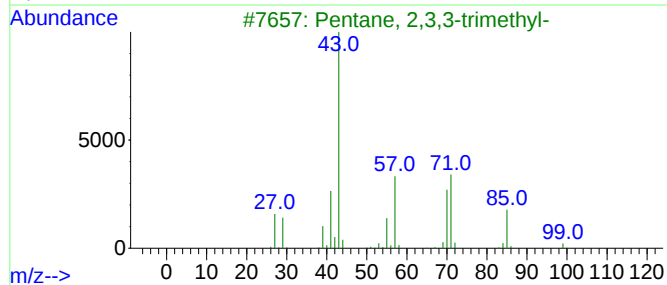
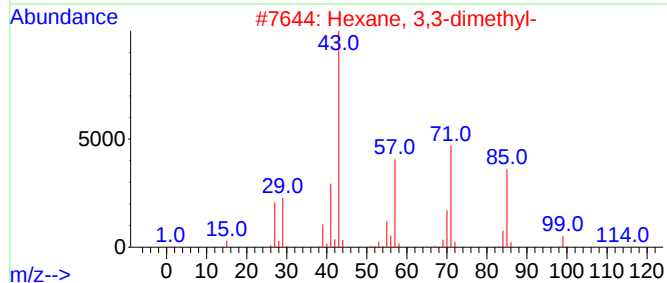
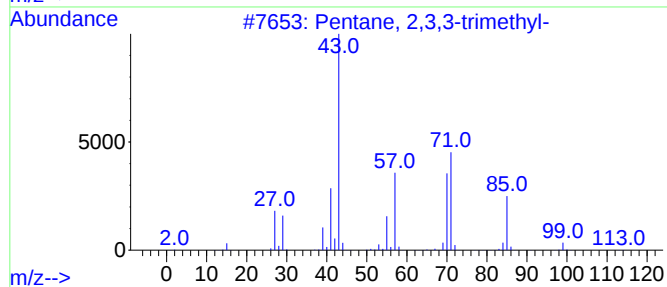
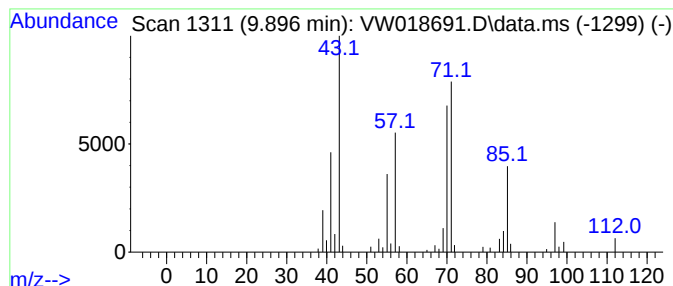
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.03 ug/L	61618	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

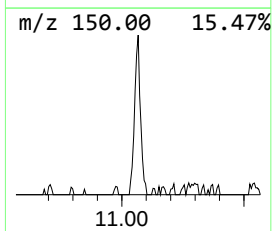
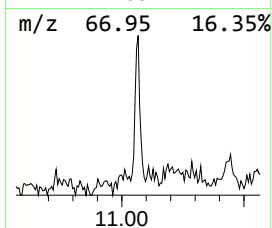
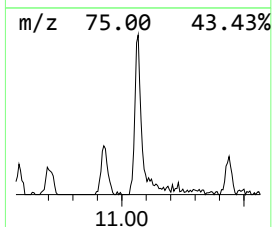
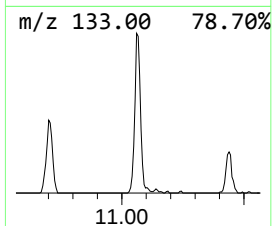
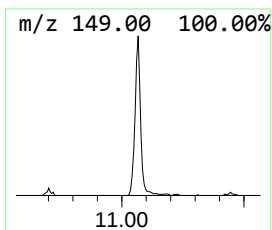
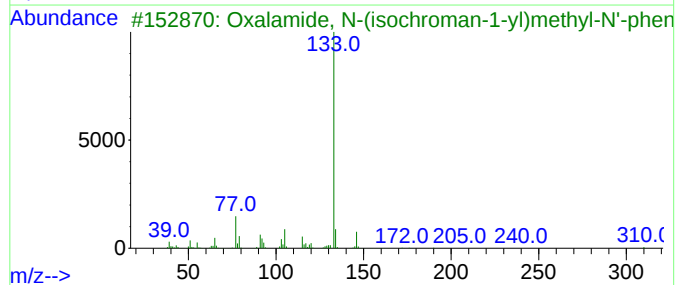
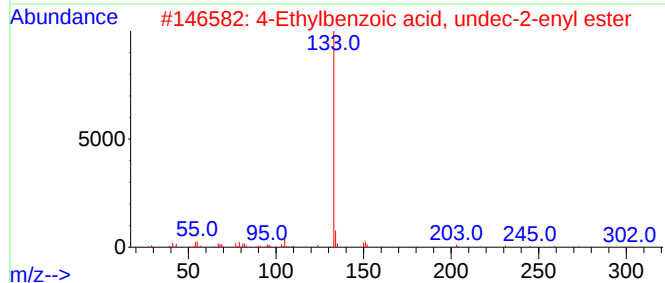
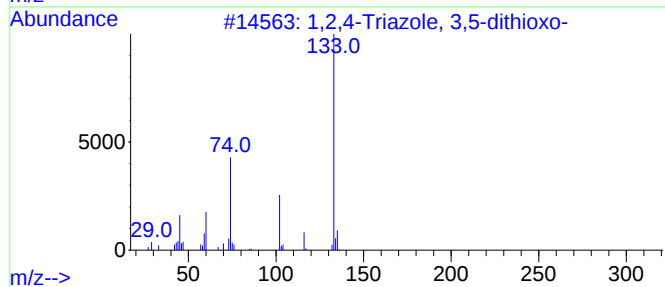
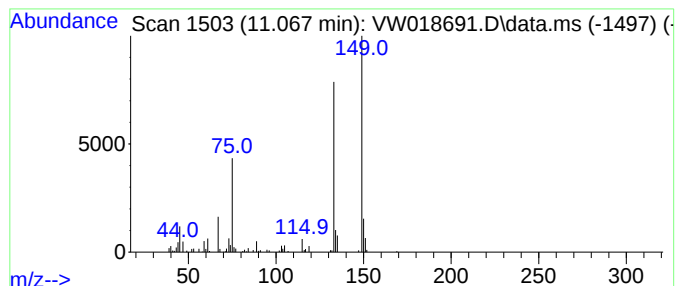
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	2.32 ug/L	60271	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	30
2			4-Ethylbenzoic acid, undec-2-eny...	302	C20H30O2	1000292-54-8	27
3			Oxalamide, N-(isochroman-1-yl)me...	310	C18H18N2O3	1000304-26-0	22
4			7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	16
5			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

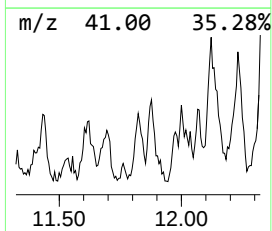
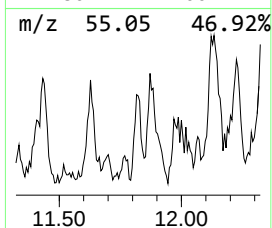
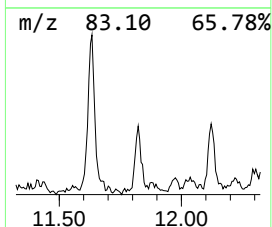
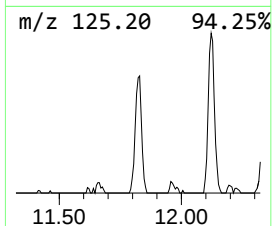
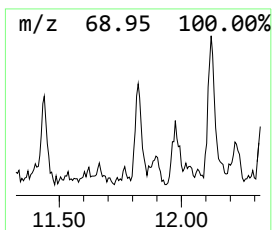
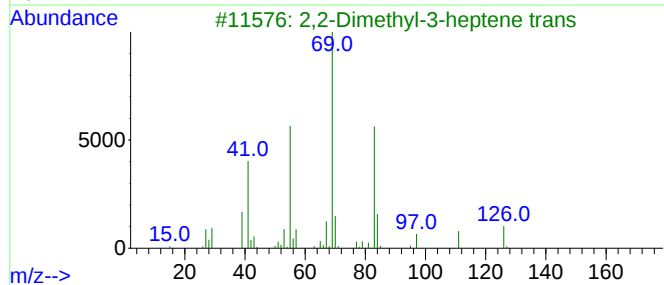
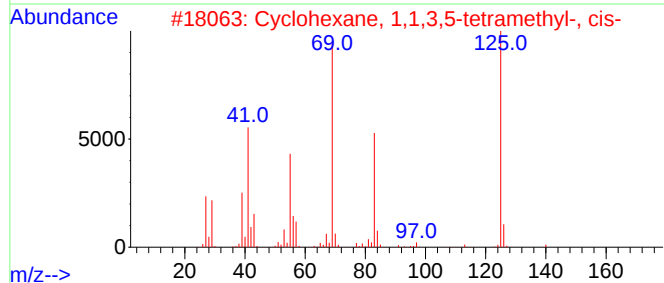
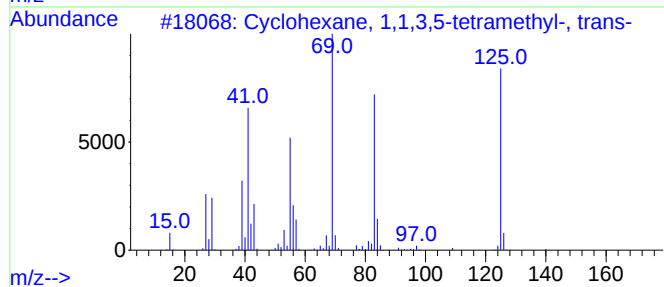
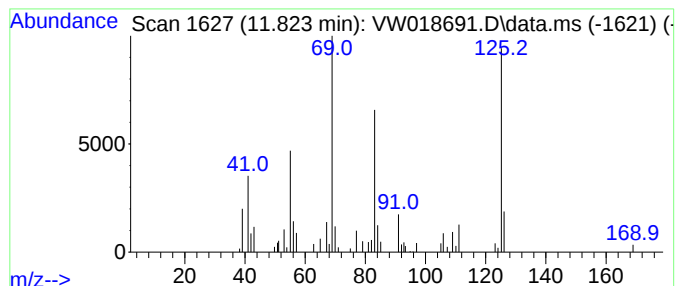
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.823 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.823	1.63 ug/L	42299	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	72
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	72
3			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49
4			Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	38
5			trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

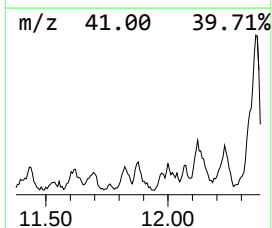
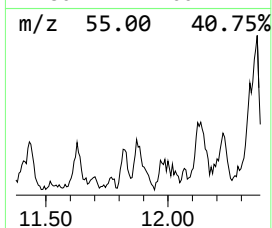
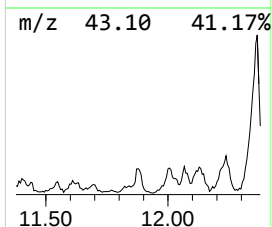
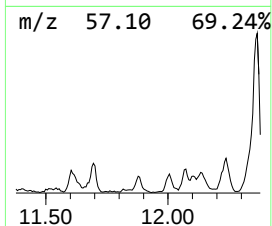
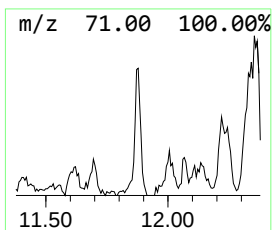
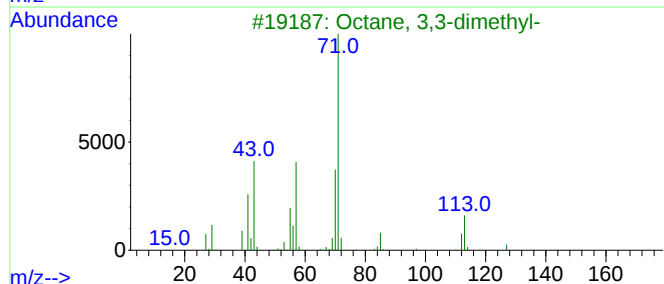
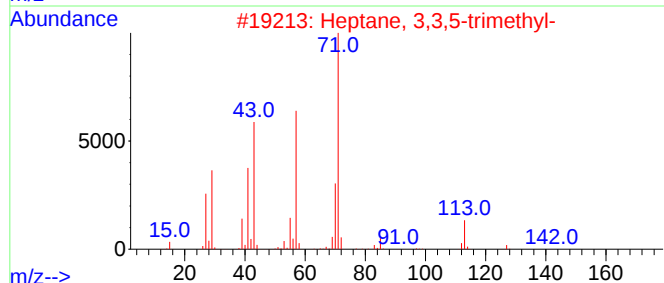
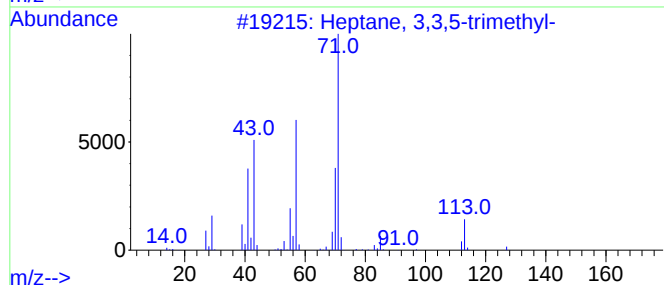
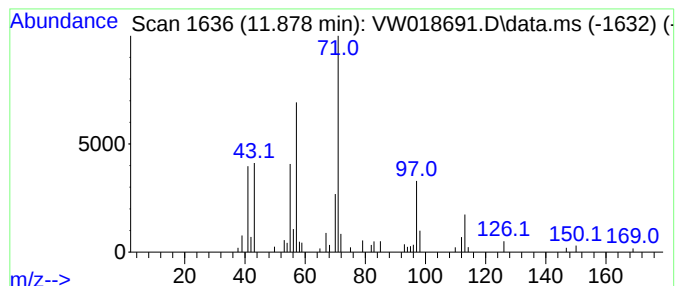
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	1.80 ug/L	46736	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

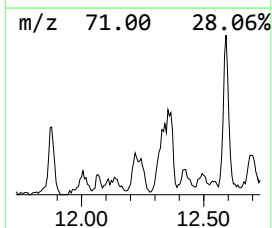
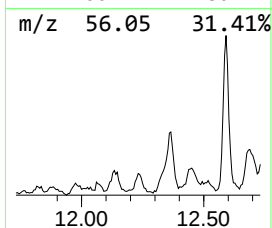
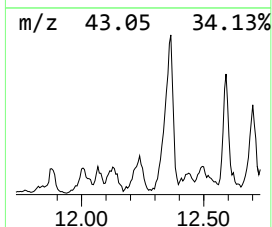
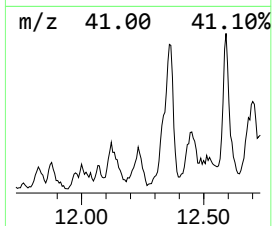
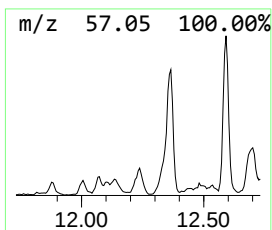
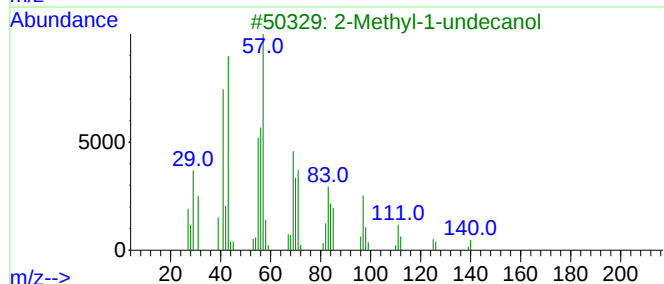
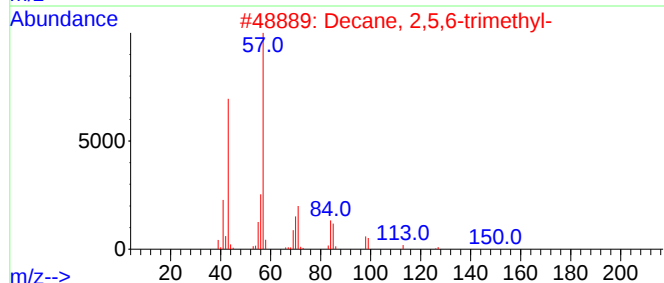
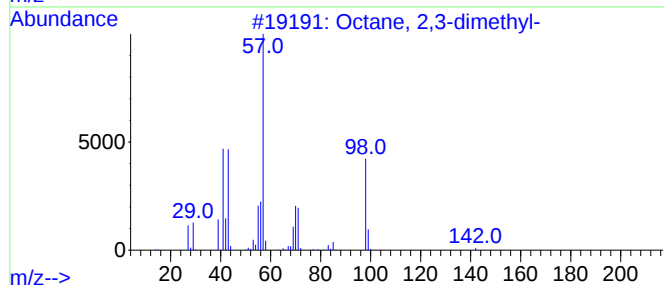
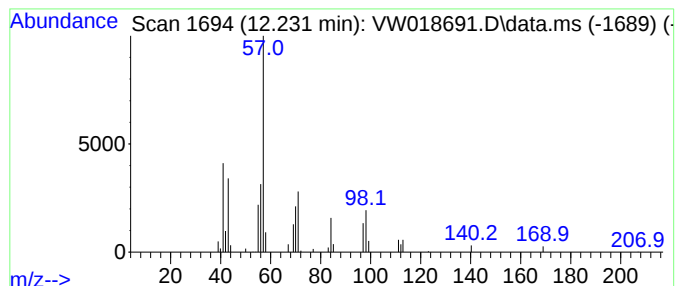
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.231	1.89 ug/L	49164	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	53
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

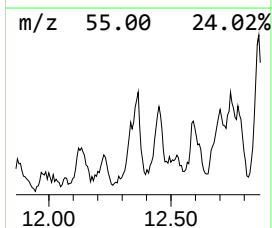
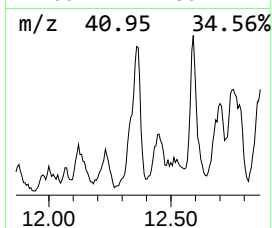
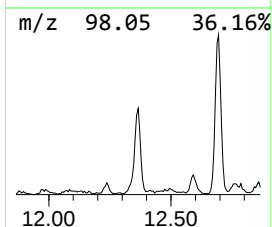
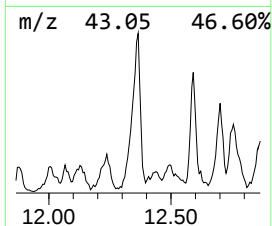
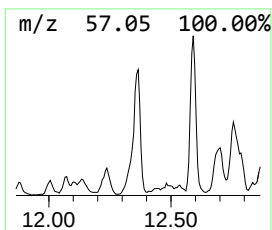
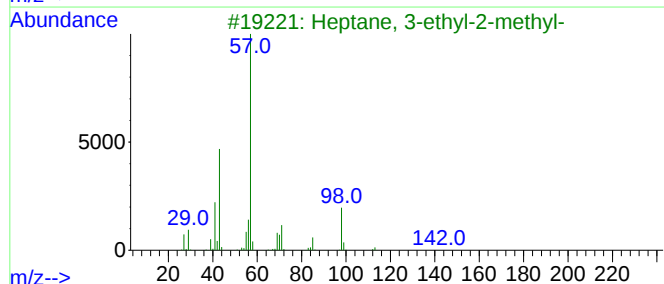
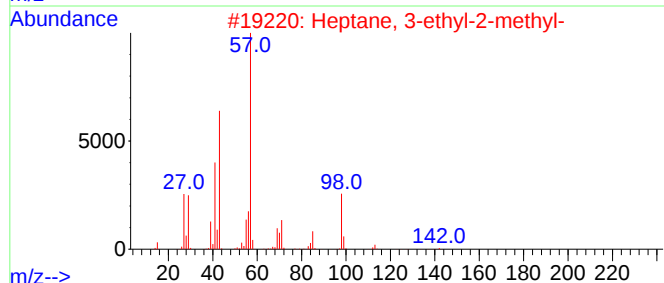
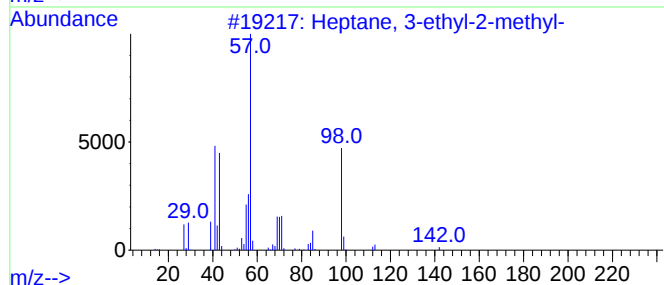
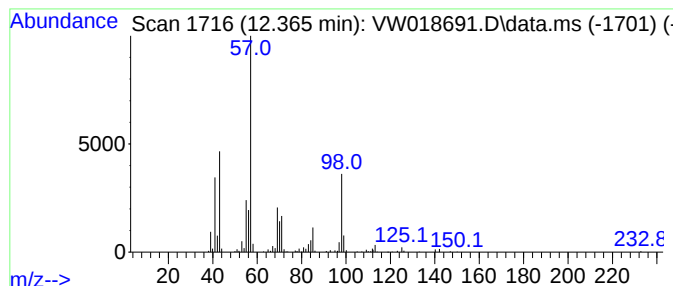
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	9.29 ug/L	241328	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
4			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

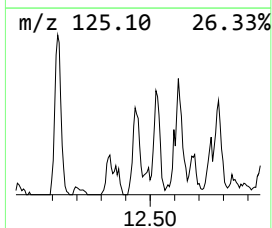
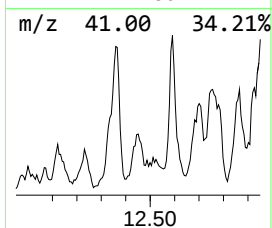
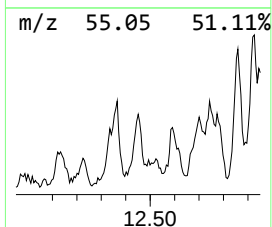
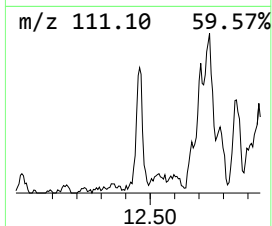
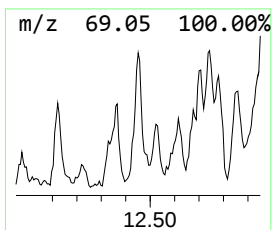
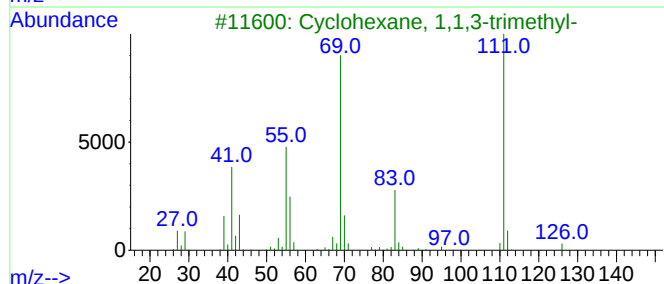
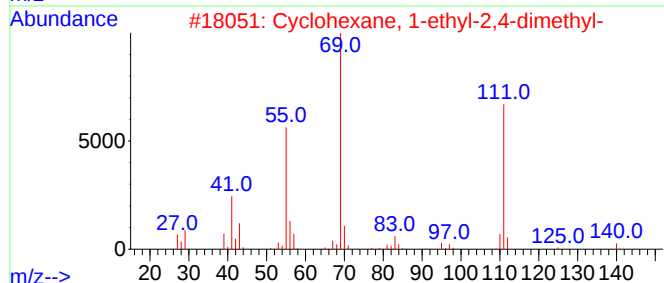
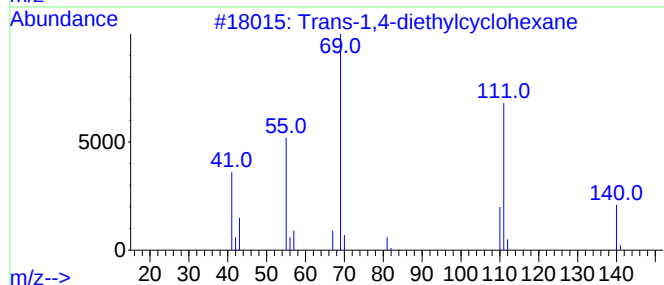
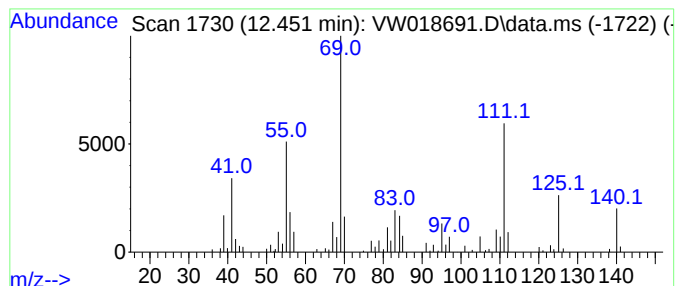
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.451 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.05 ug/L	105288	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	64
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
4			Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-31-7	50
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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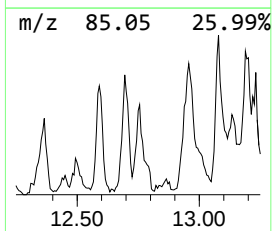
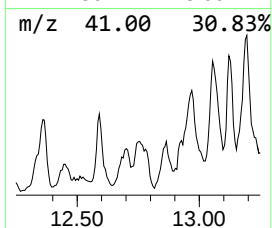
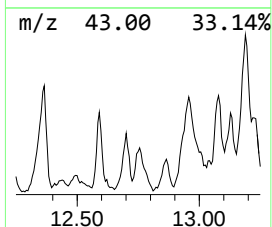
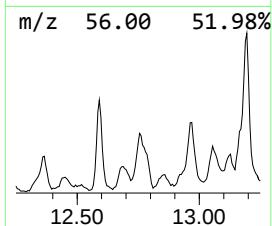
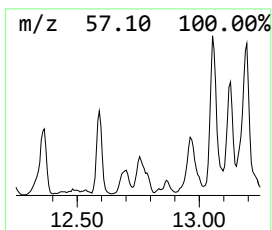
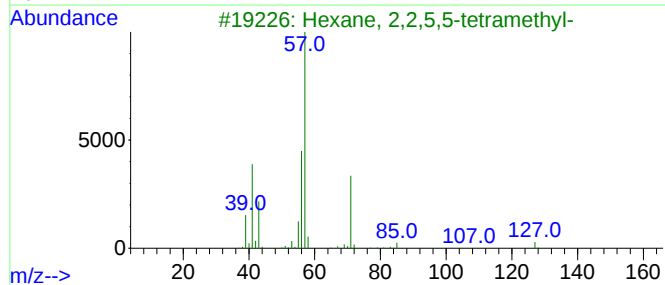
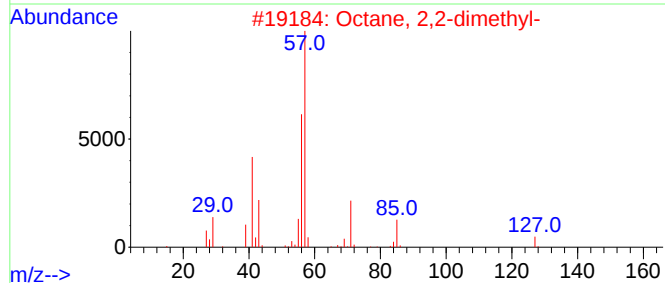
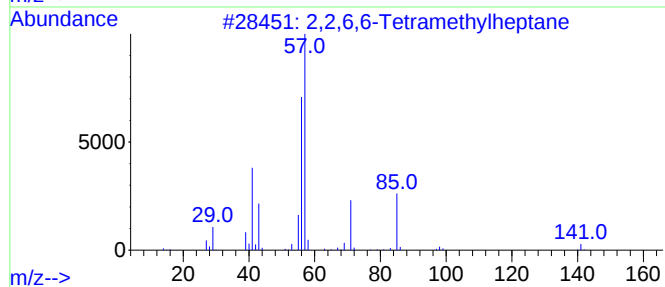
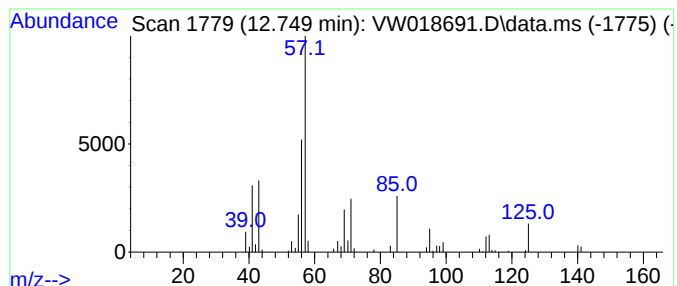
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.749	16.09 ug/L	225844	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	53
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

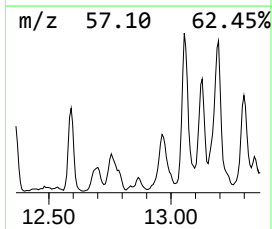
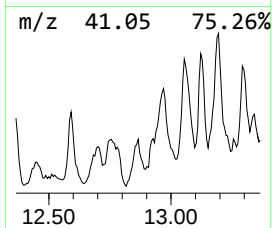
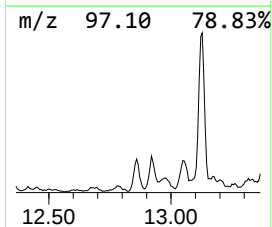
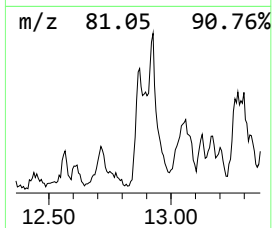
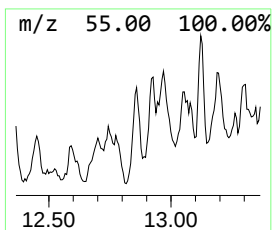
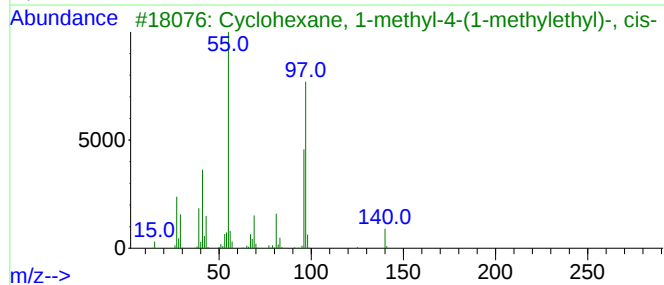
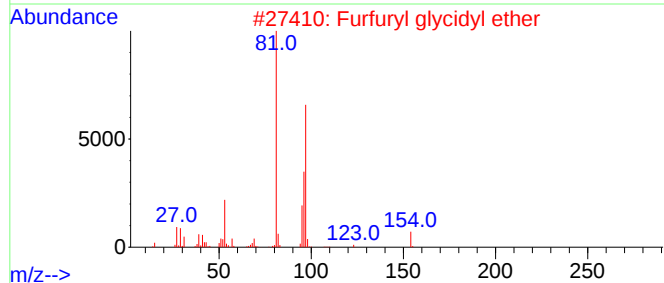
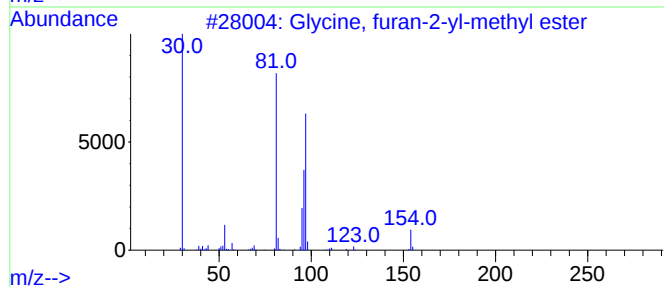
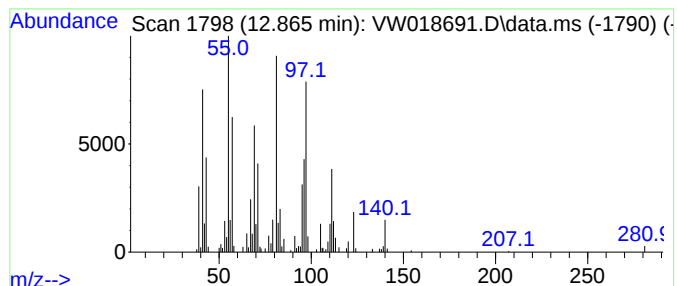
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Quant Title : SFAM01.0

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

Peak Number 15 Glycine, furan-2-yl-methyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	14.89 ug/L	208909	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	50
2			Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	47
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	30
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

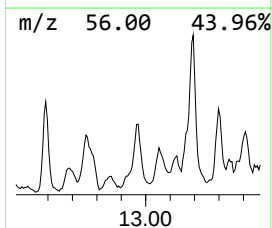
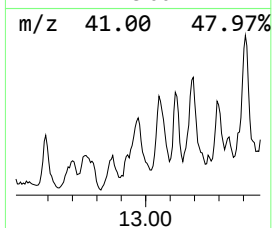
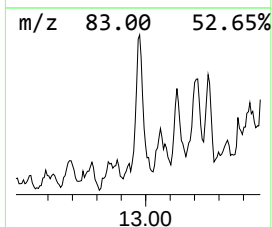
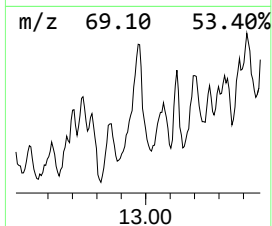
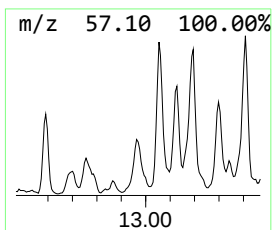
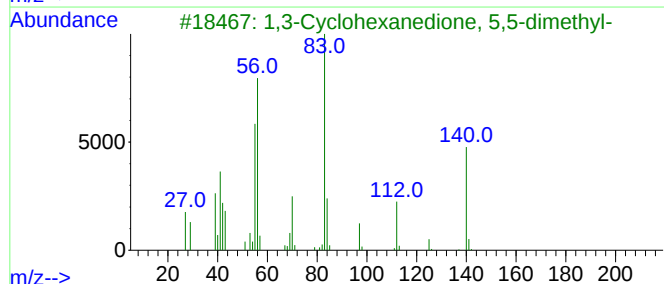
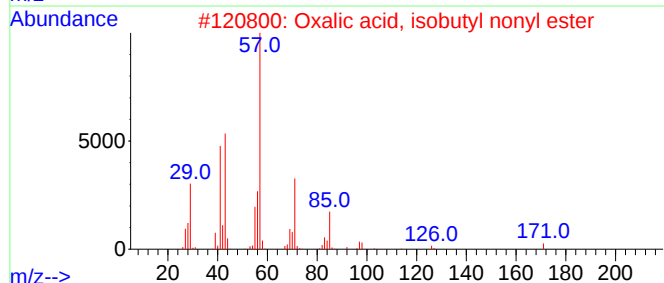
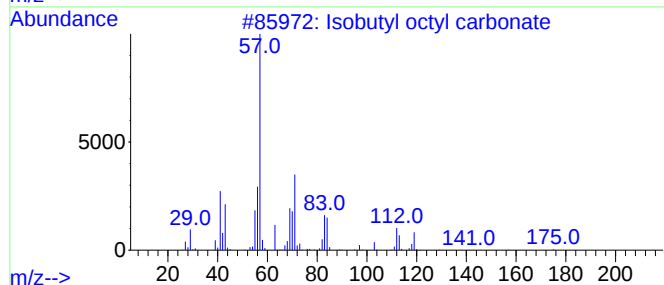
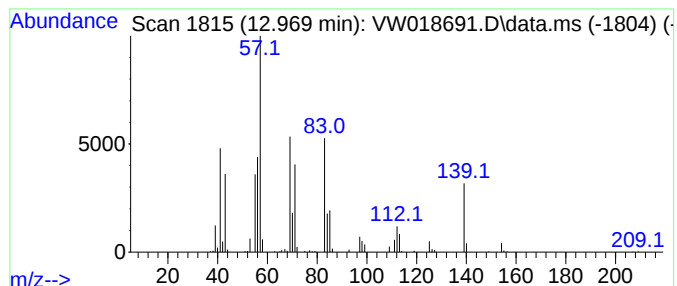
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	24.56 ug/L	344742	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl octyl carbonate	230	C13H26O3	1000372-74-6	47
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
3			1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38
4			1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

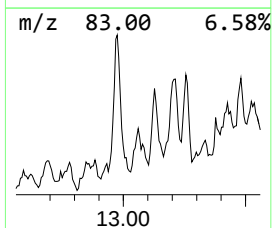
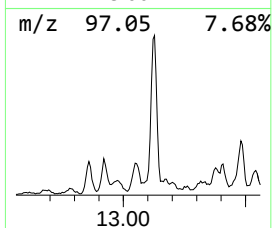
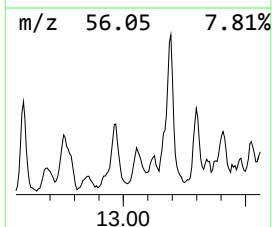
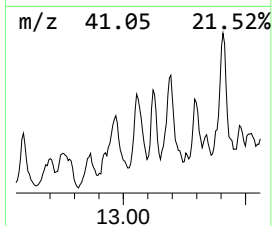
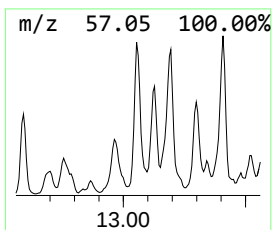
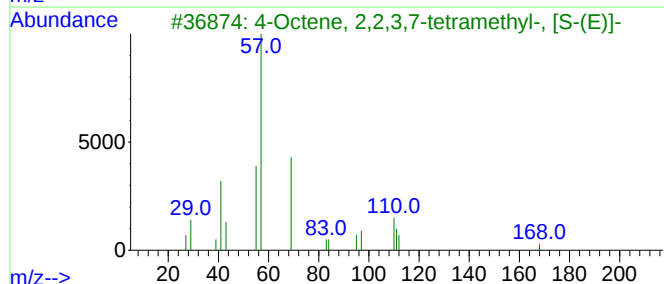
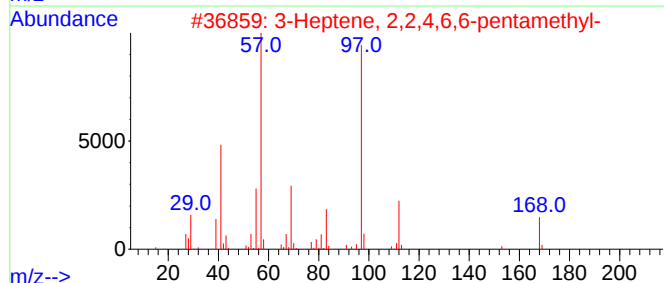
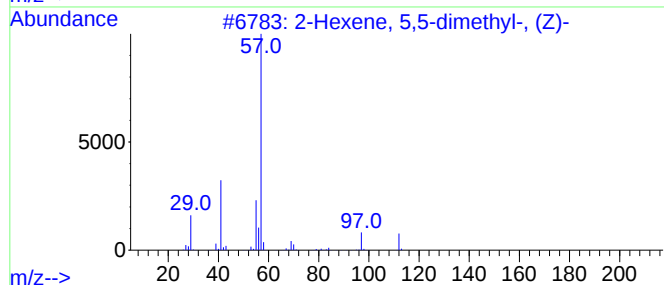
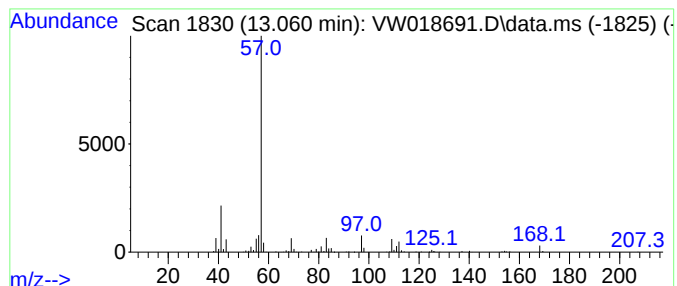
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.060	16.16 ug/L	226767	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	47	
2	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	43	
3	4-Octene, 2,2,3,7-tetramethyl-, ...	168	C12H24	063865-57-6	40	
4	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	38	
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

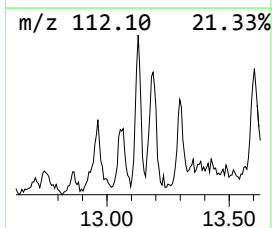
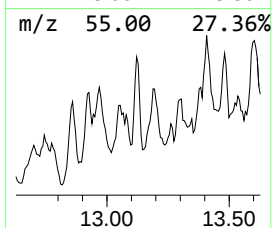
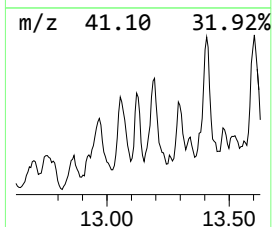
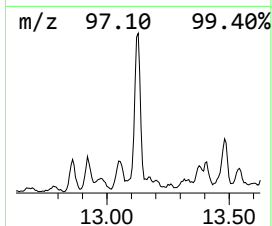
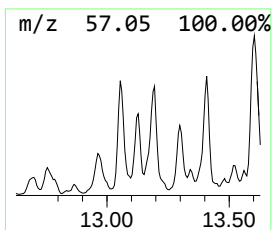
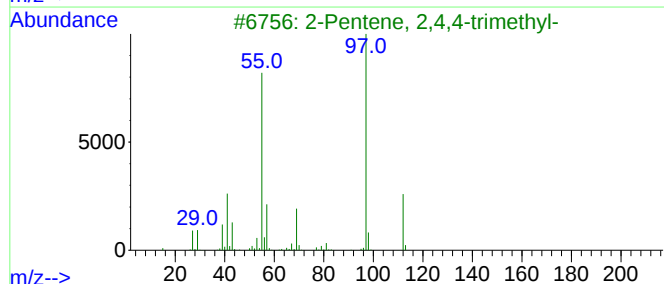
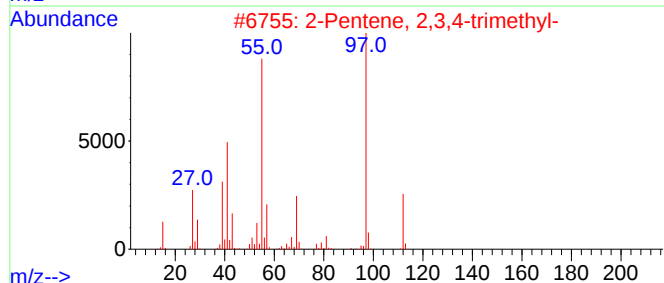
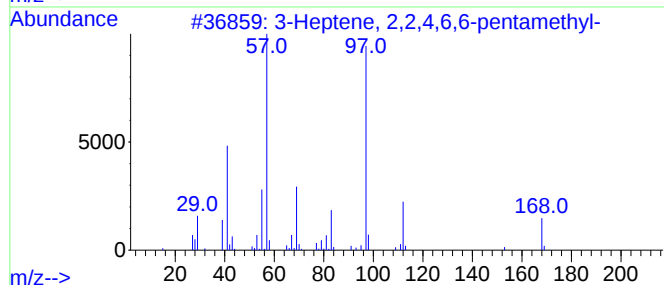
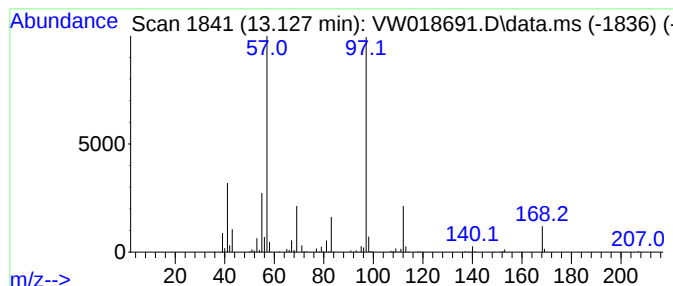
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	13.51 ug/L	189600	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	90
2		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	68
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
4		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	59
5		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

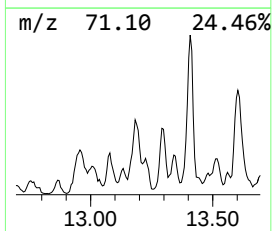
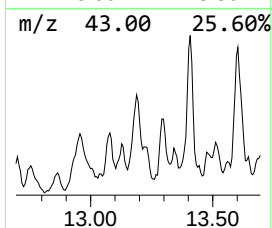
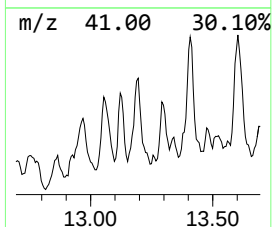
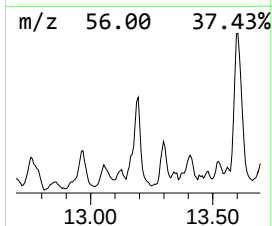
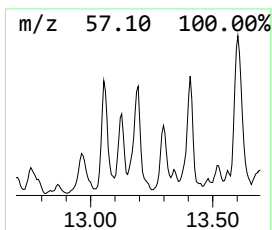
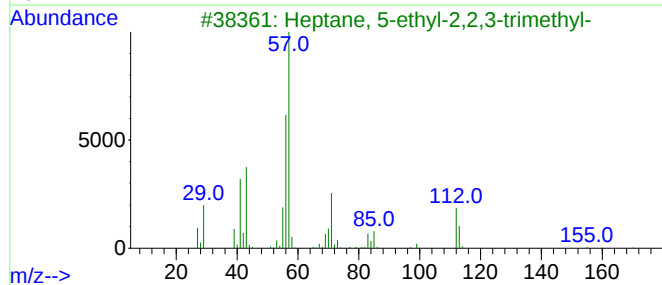
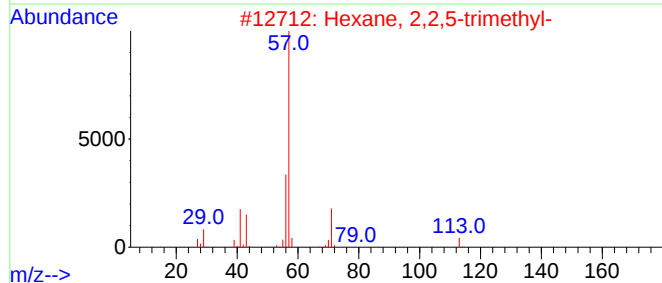
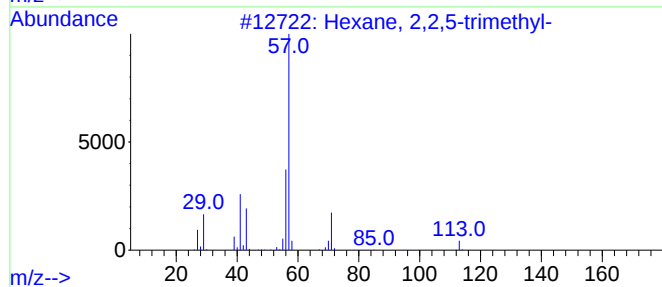
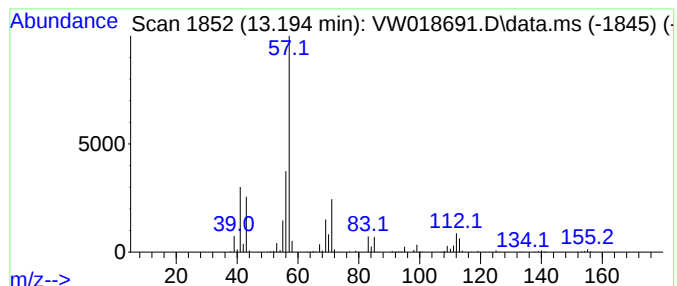
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.195	20.50 ug/L	287746	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
3			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	53
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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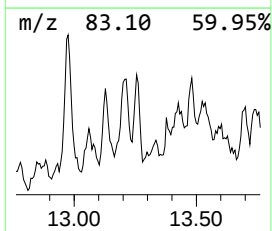
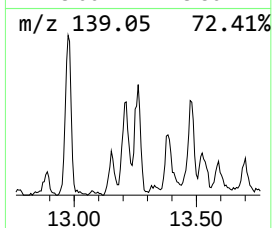
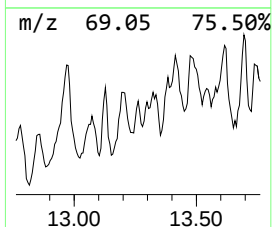
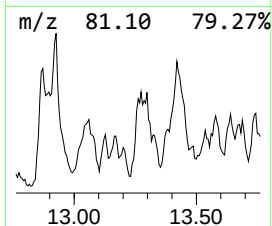
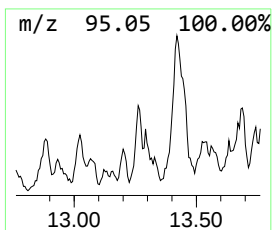
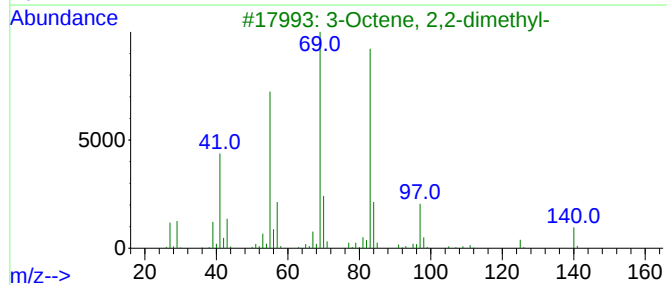
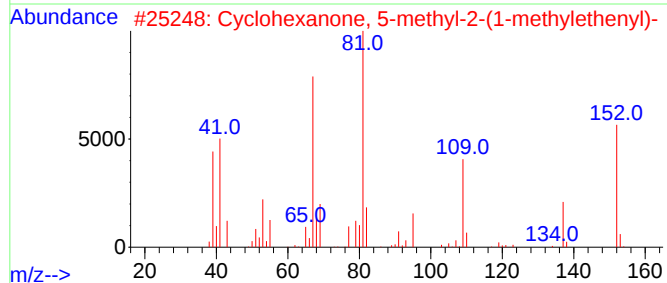
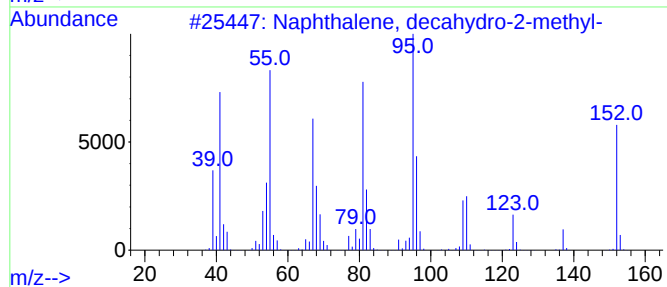
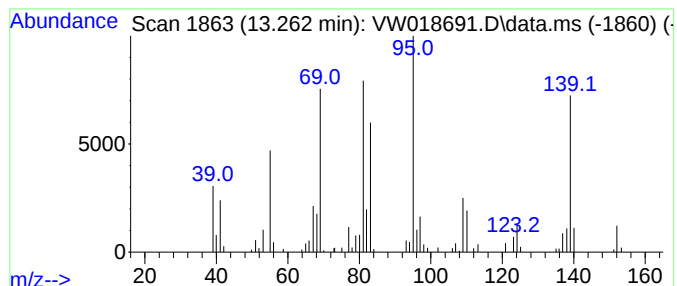
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	2.45 ug/L	34360	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	18
3			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	18
4			Cyclohexane, ethenyl-	110	C8H14	000695-12-5	14
5			2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

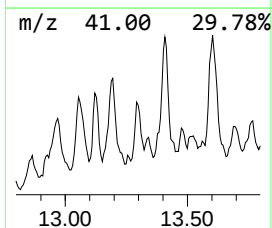
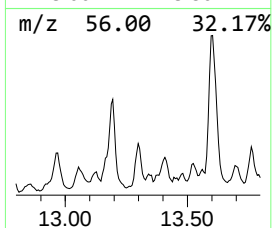
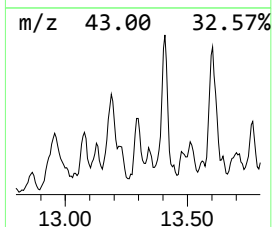
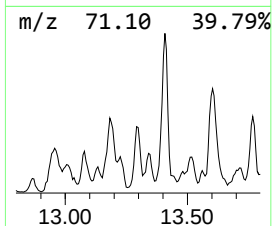
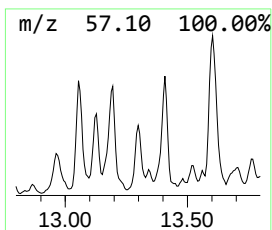
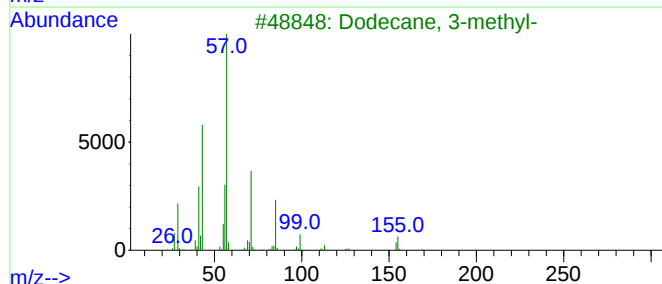
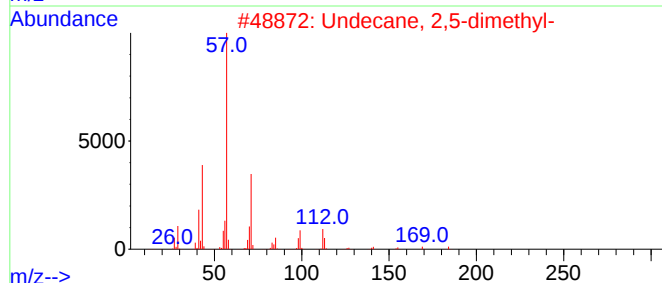
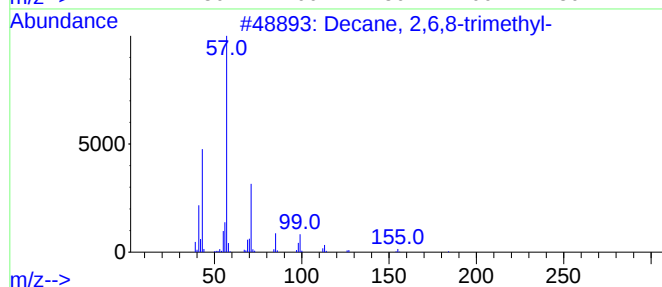
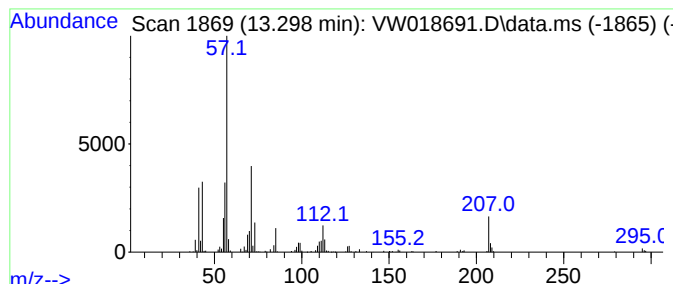
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	11.02 ug/L	154705	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

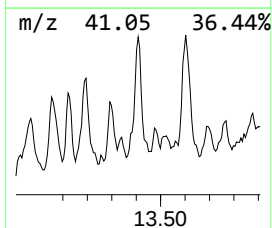
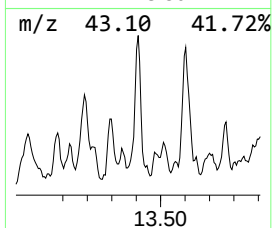
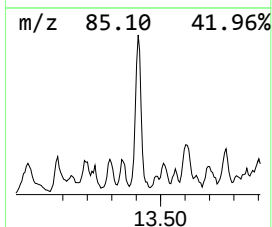
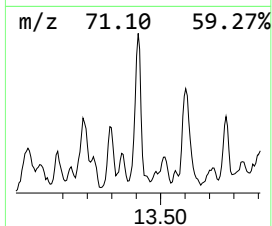
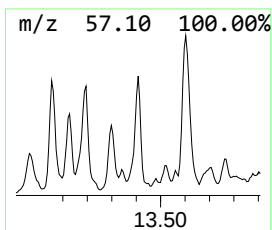
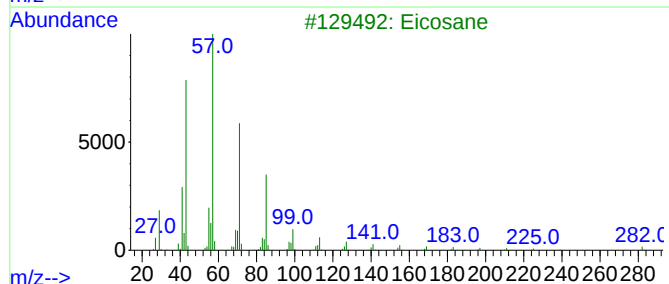
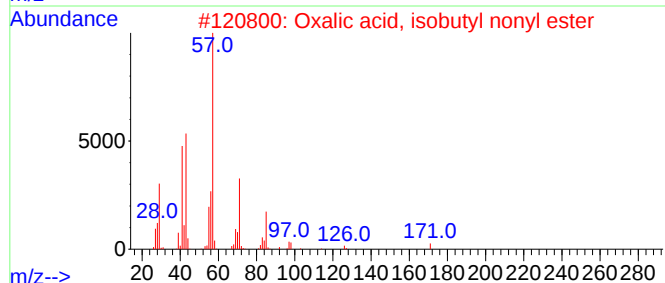
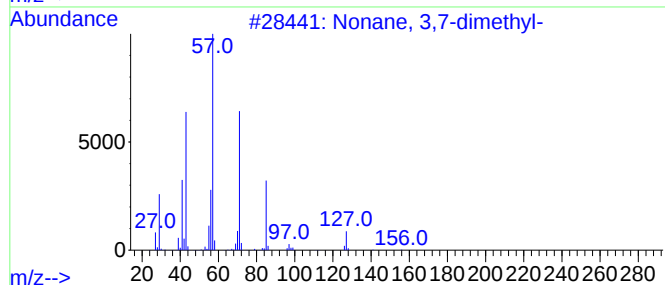
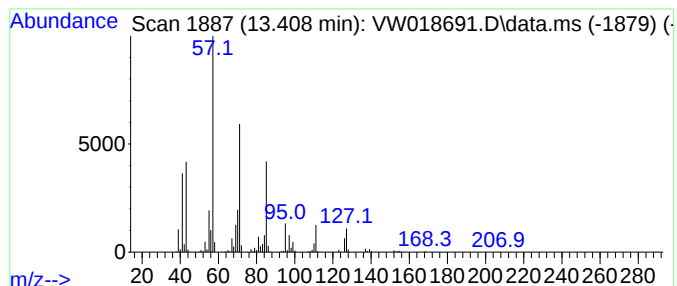
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	37.84 ug/L	531027	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
3			Eicosane	282	C20H42	000112-95-8	50
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
5			3-Dodecanone	184	C12H24O	001534-27-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

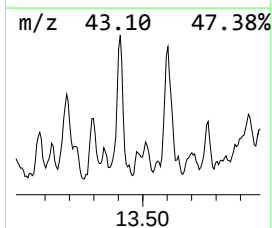
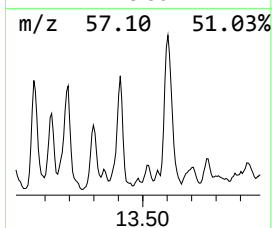
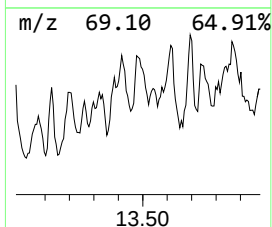
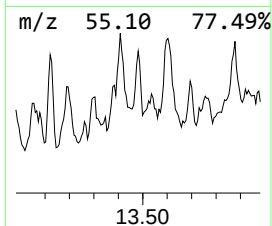
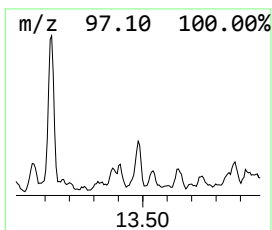
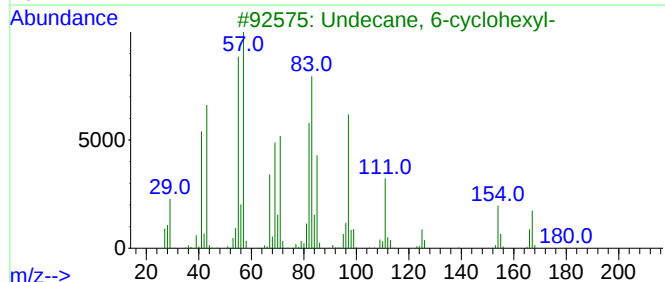
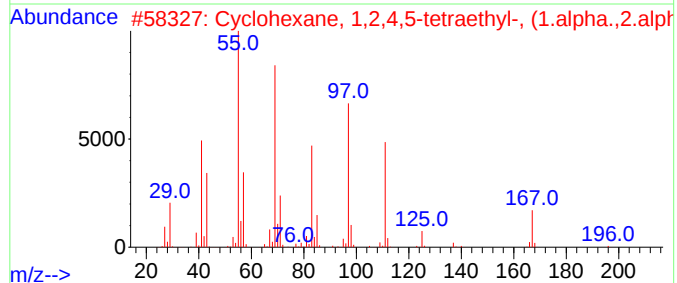
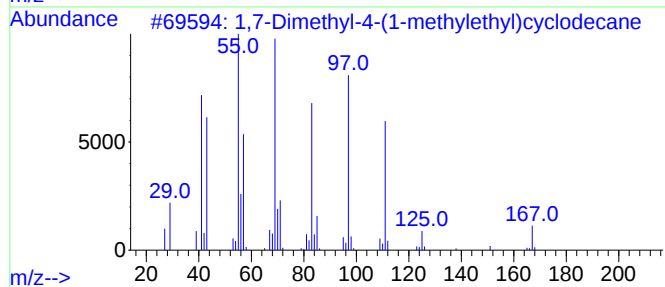
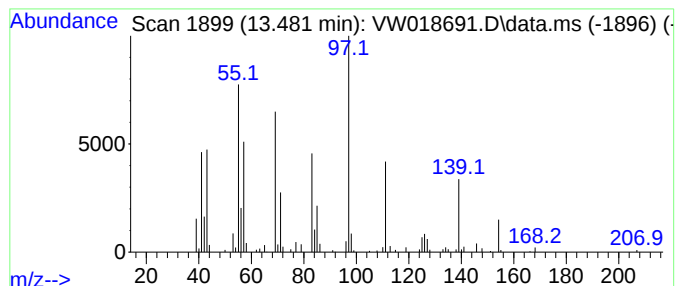
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	4.18 ug/L	58673	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	50
2			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	50
3			Undecane, 6-cyclohexyl-	238	C17H34	013151-81-0	38
4			Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	38
5			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

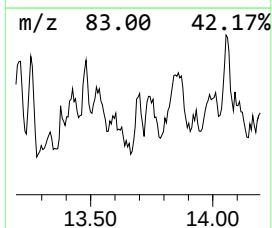
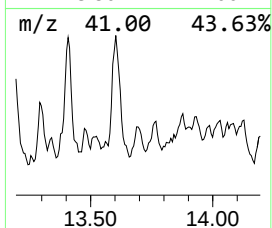
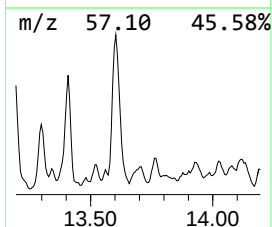
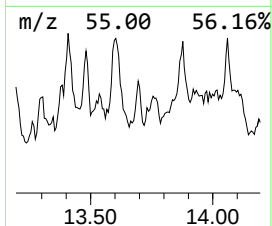
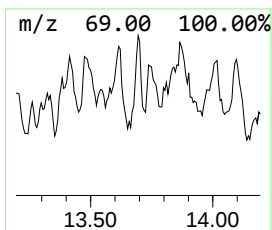
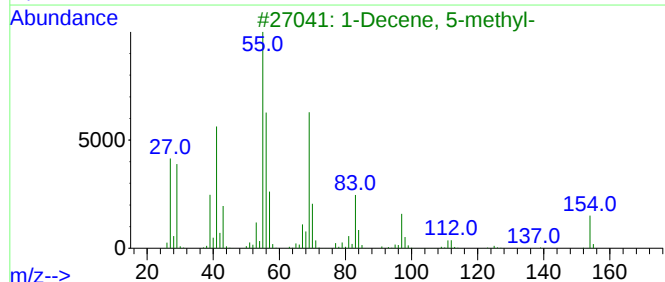
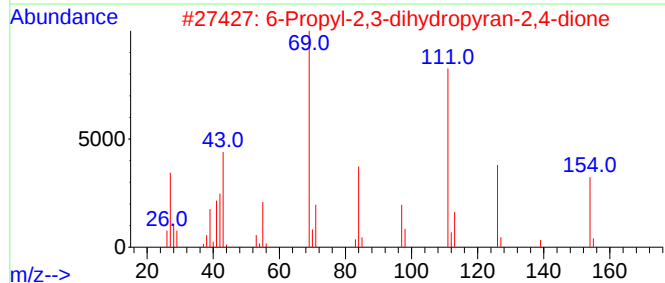
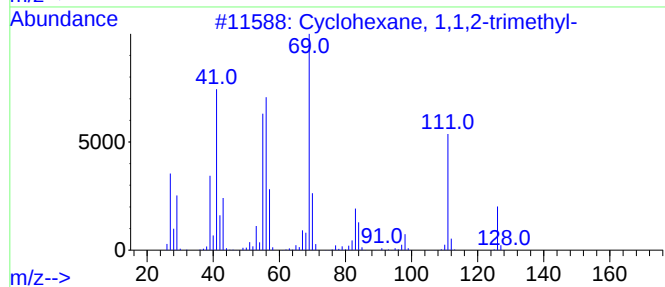
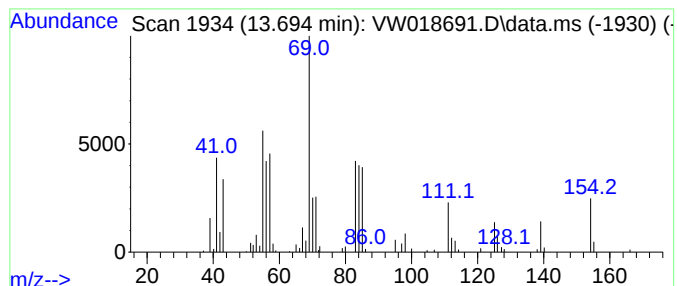
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic13.694 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	5.75 ug/L	80759	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
2			6-Propyl-2,3-dihydropyran-2,4-dione	154	C8H10O3	005698-53-3	35
3			1-Decene, 5-methyl-	154	C11H22	054244-79-0	35
4			Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	35
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

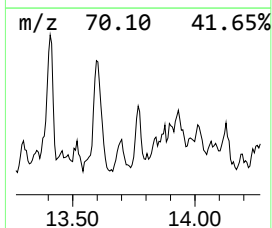
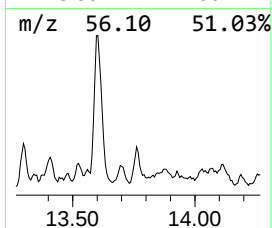
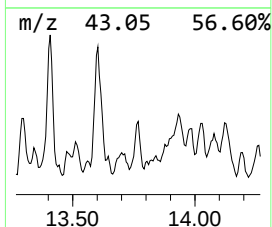
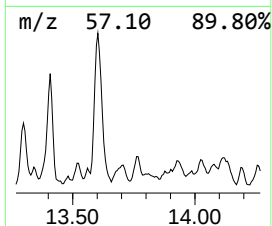
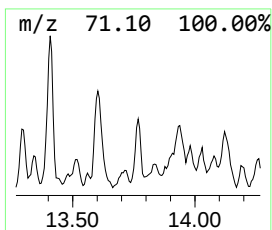
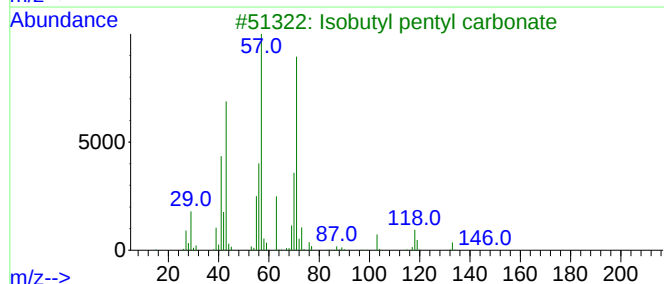
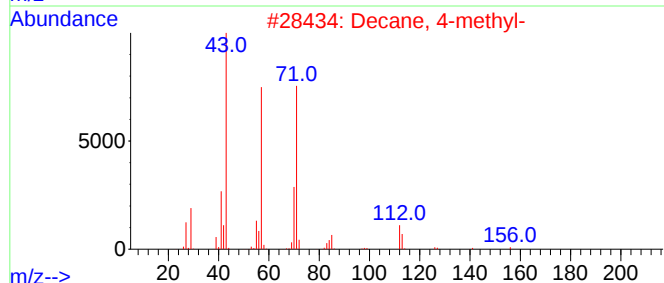
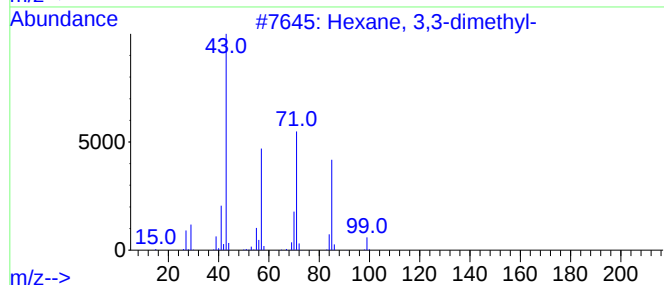
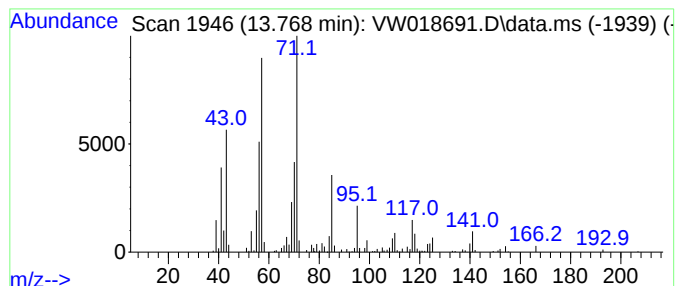
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	11.21 ug/L	157271	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
2			Decane, 4-methyl-	156	C11H24	002847-72-5	47
3			Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
4			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

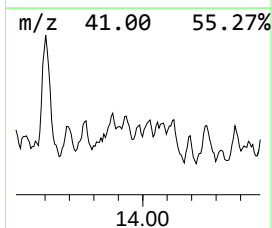
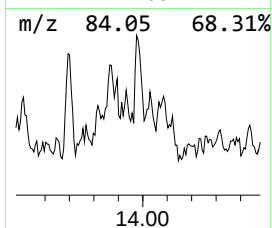
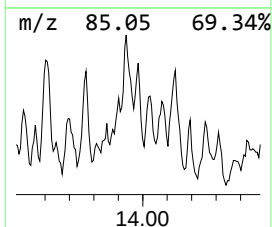
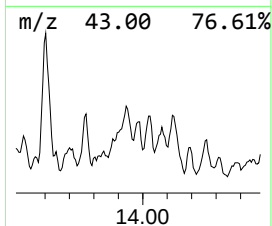
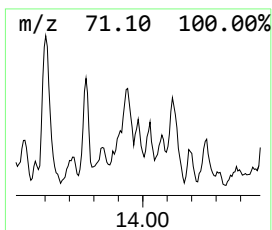
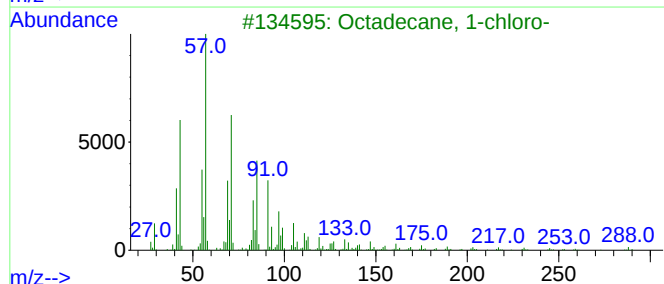
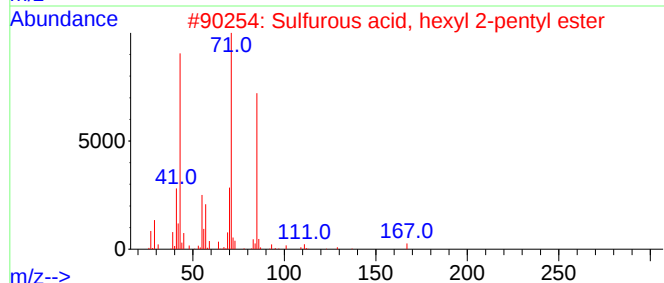
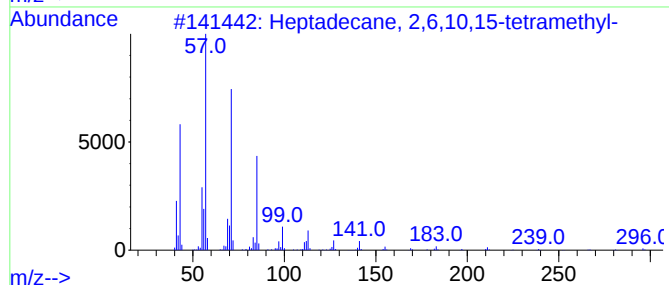
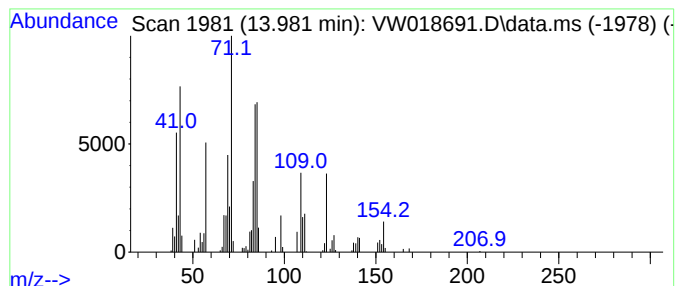
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	2.84 ug/L	39849	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
2			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	38
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	35
5			3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

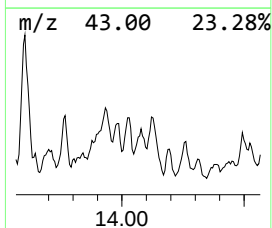
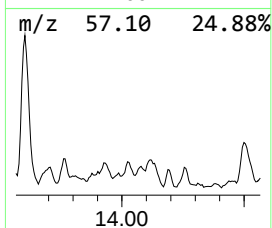
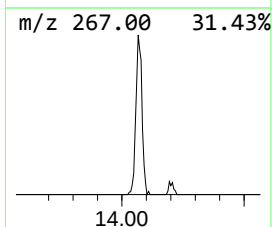
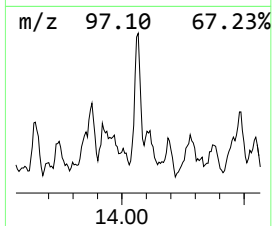
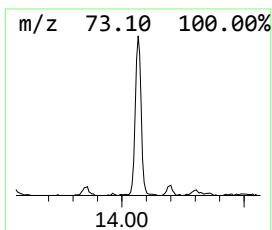
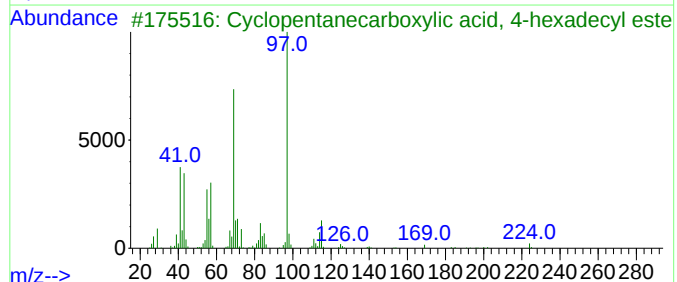
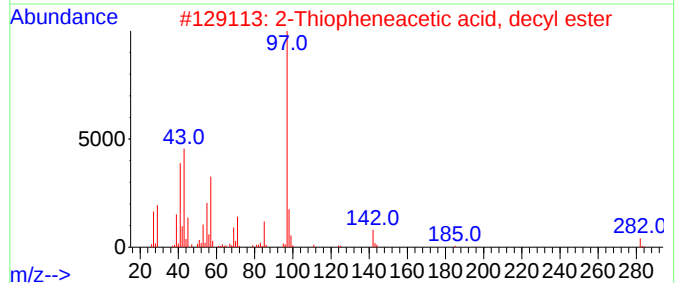
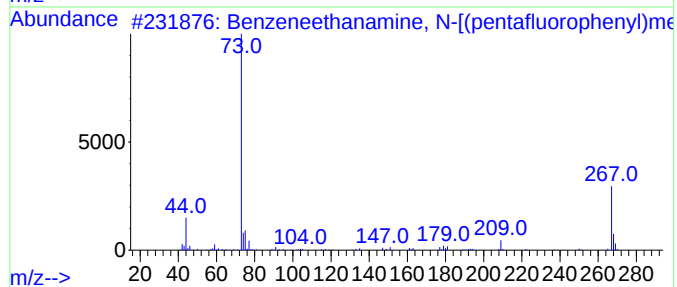
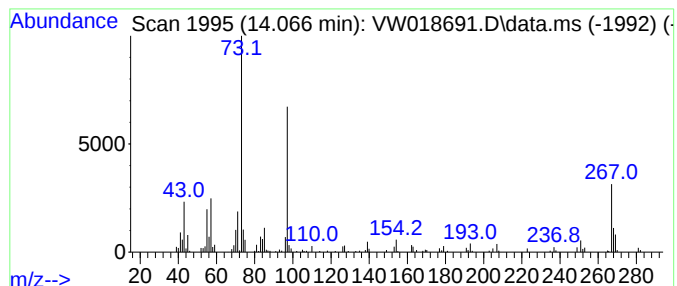
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	6.26 ug/L	87907	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-[(pentafluoro...]	475	C21H26F5NO2Si2	055429-85-1	25
2			2-Thiopheneacetic acid, decyl ester	282	C16H26O2S	1000278-91-5	16
3			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	16
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	16
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

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

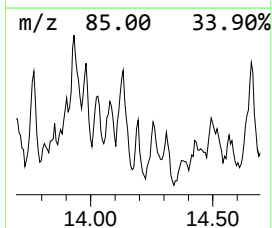
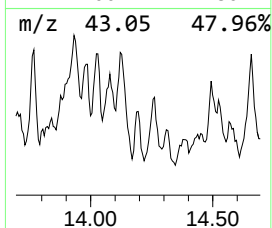
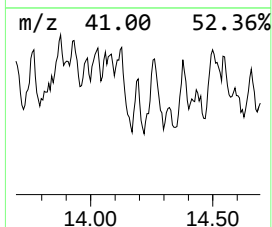
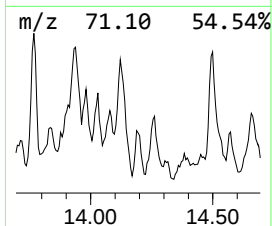
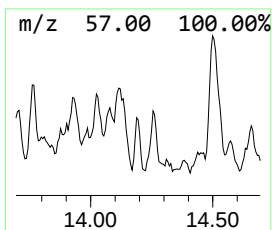
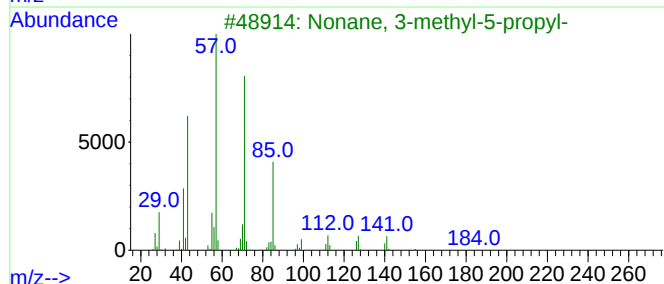
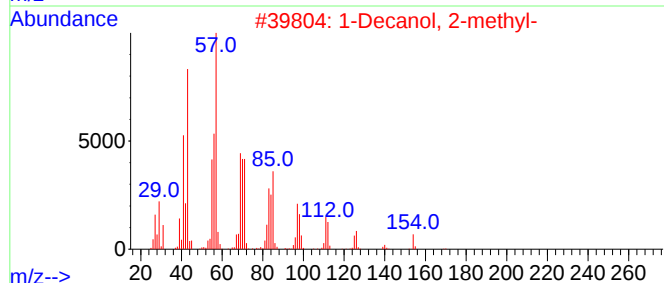
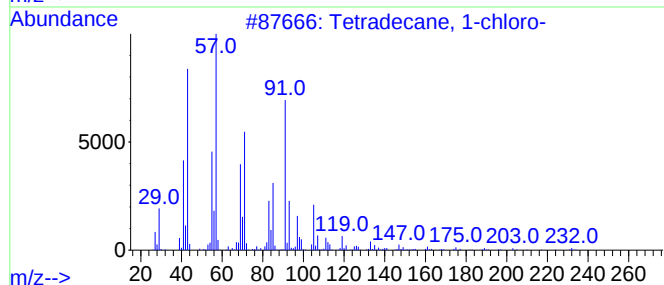
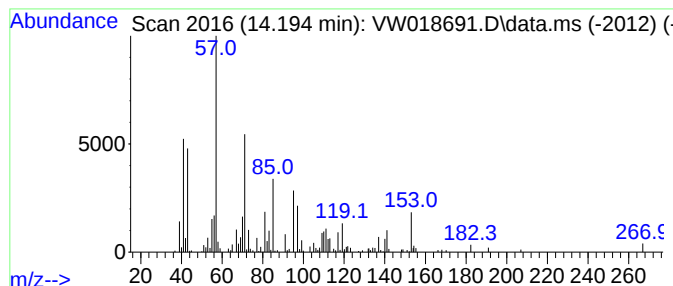
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-05

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	5.51 ug/L	77339	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	47
2			1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	43
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
5			Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

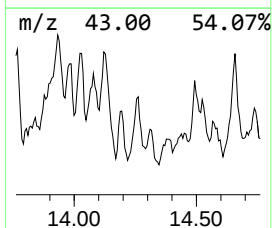
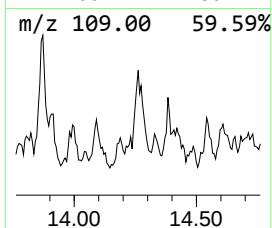
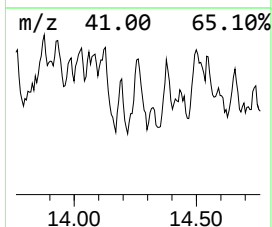
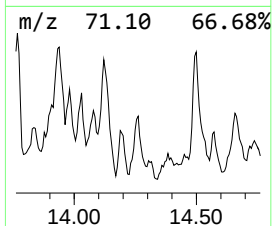
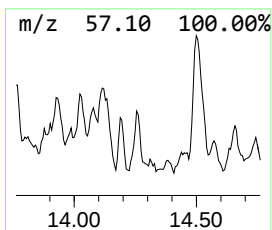
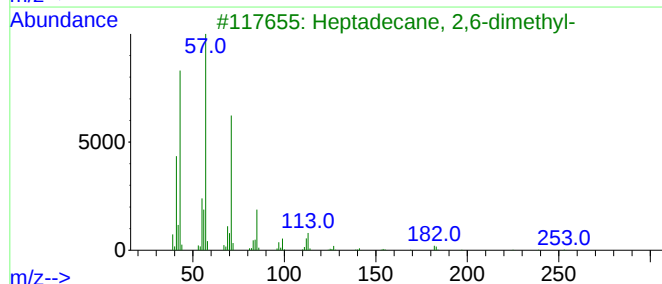
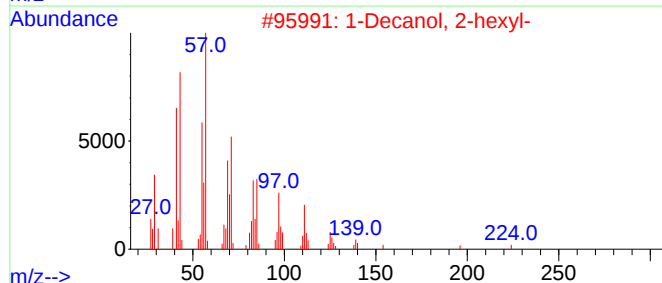
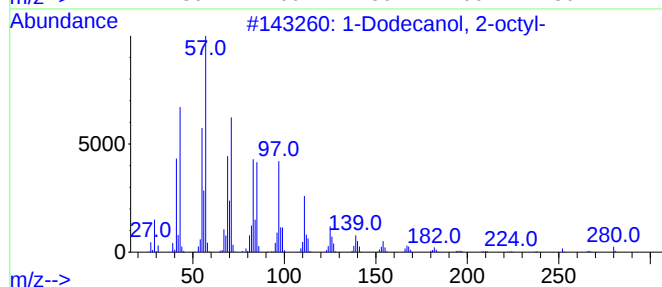
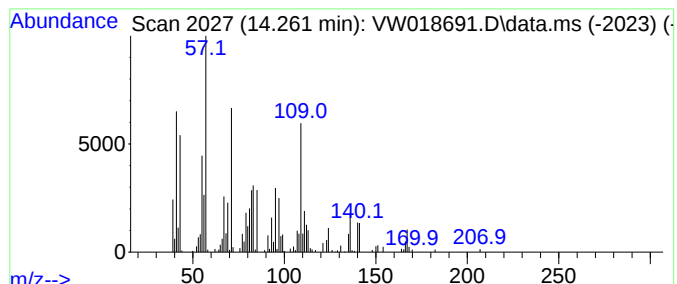
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Quant Title : SFAM01.0

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

Peak Number 29 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	10.76 ug/L	151044	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	27
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	27
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	22
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	22
5			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

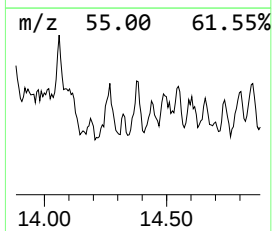
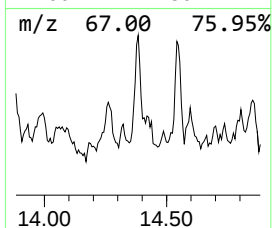
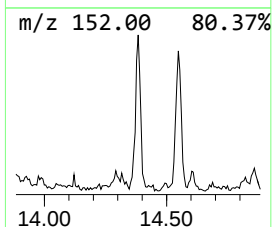
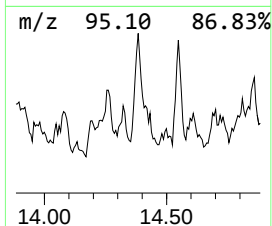
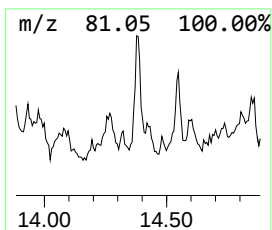
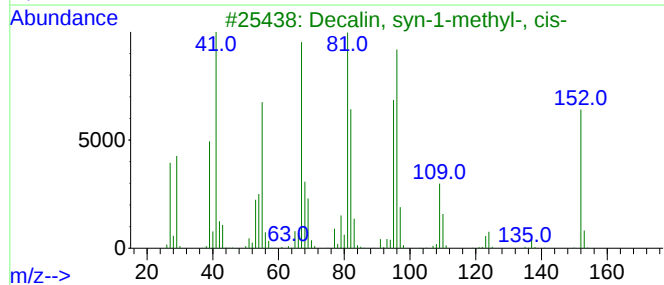
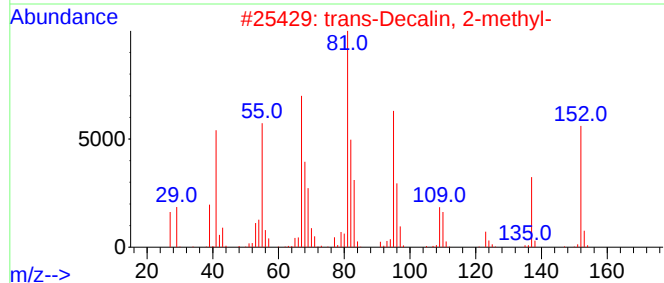
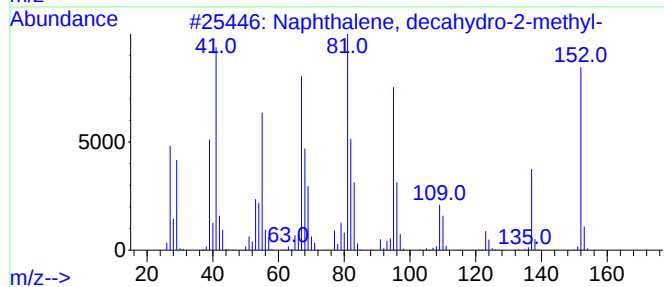
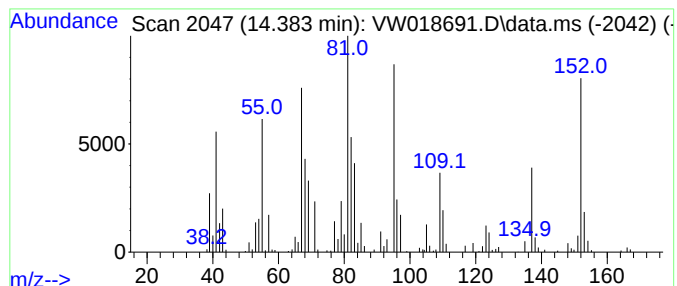
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Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	9.83 ug/L	137948	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	90
4			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	64
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

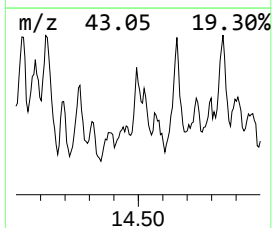
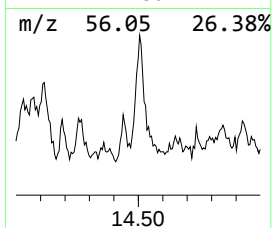
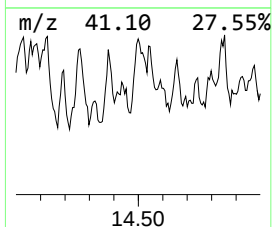
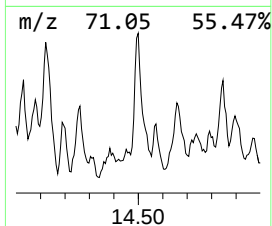
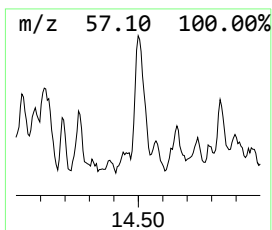
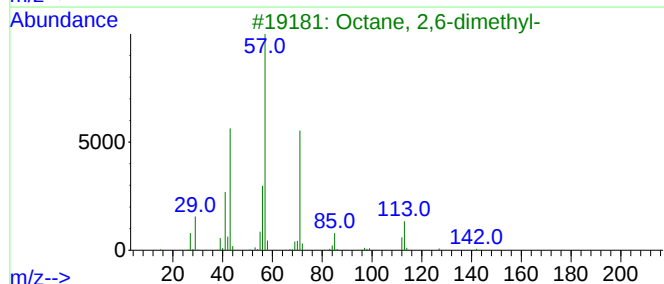
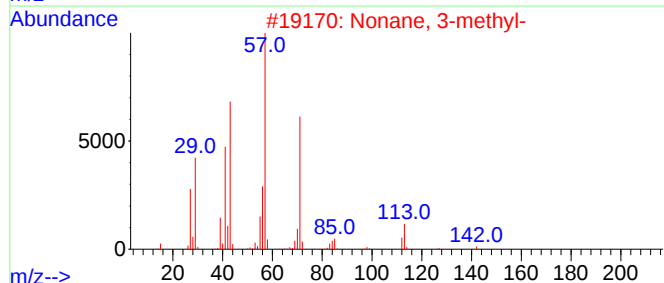
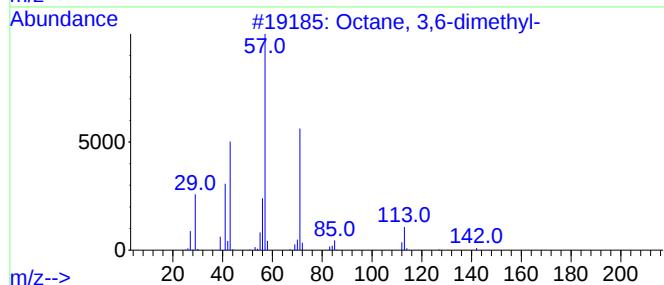
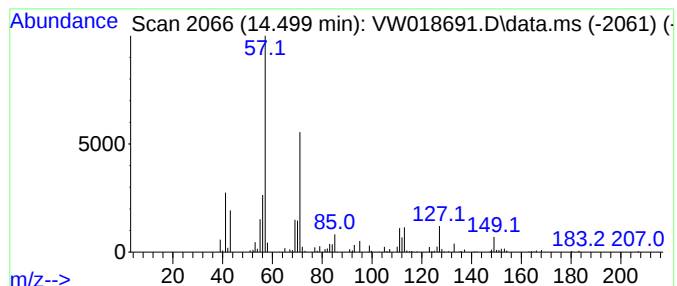
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	8.49 ug/L	119094	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

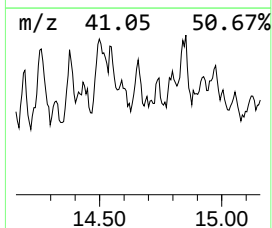
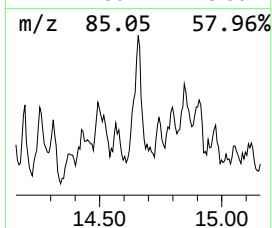
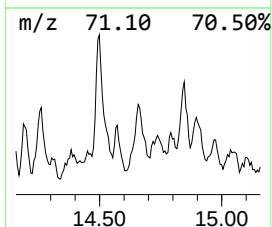
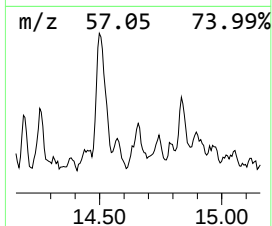
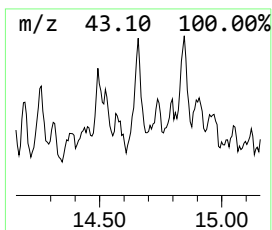
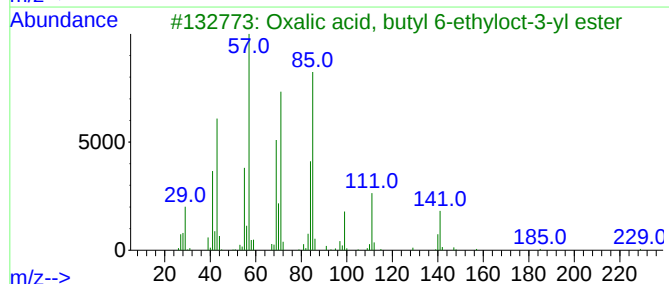
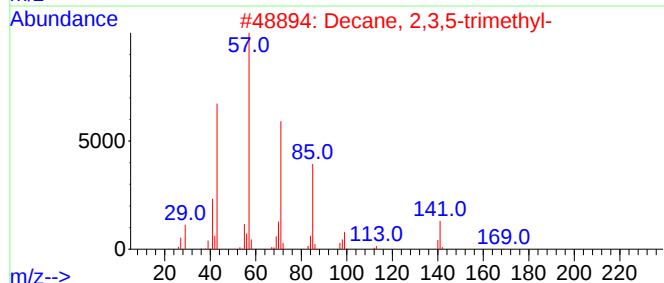
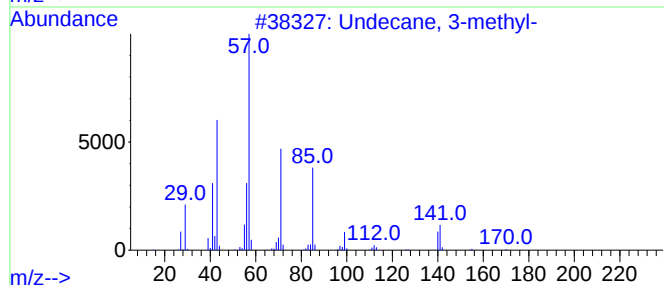
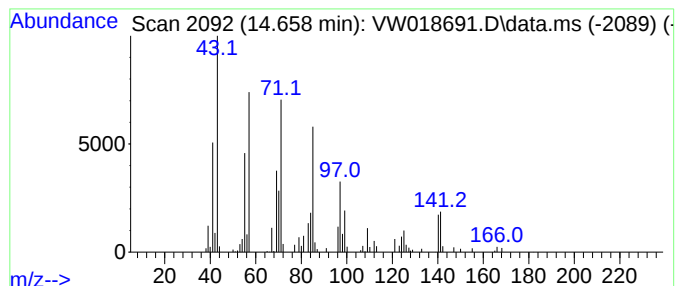
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.658	2.84 ug/L	39877	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
3			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	47
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

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

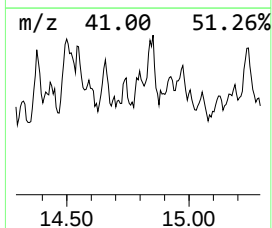
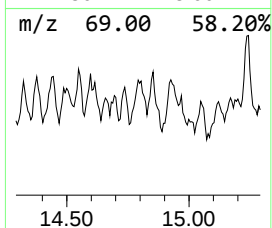
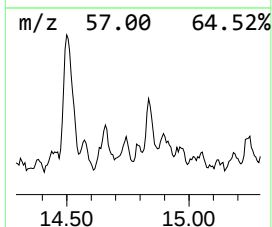
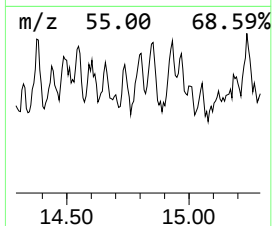
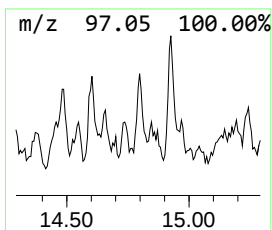
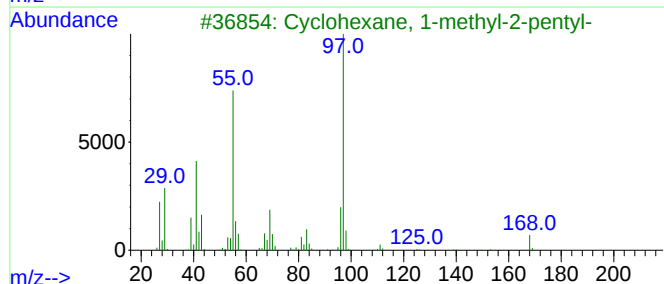
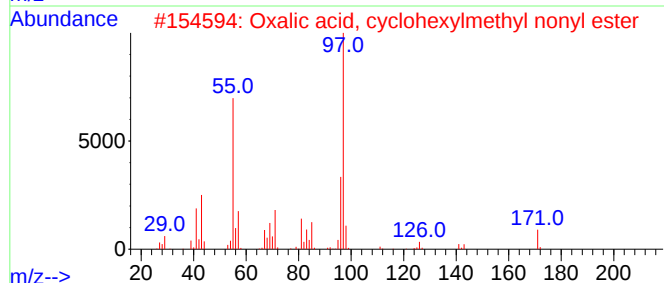
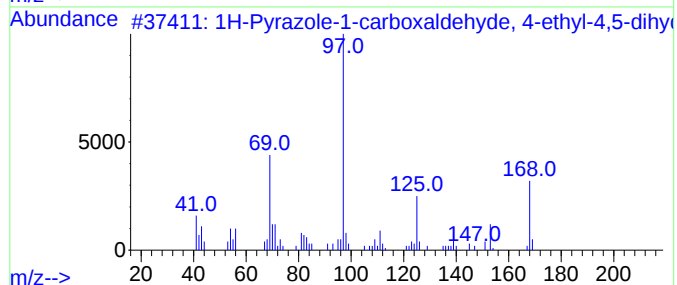
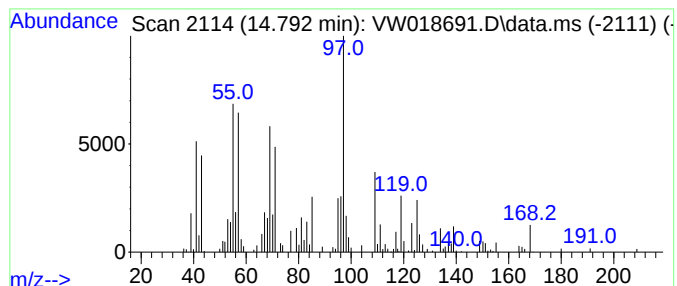
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-07

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	5.54 ug/L	77780	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	38
2			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	35
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	30
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	27
5			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

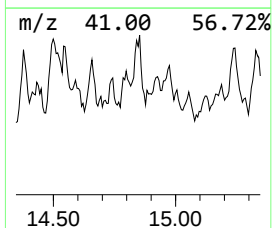
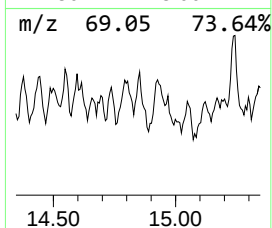
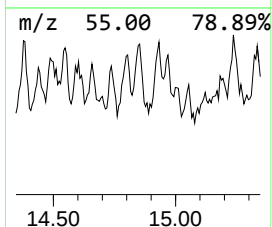
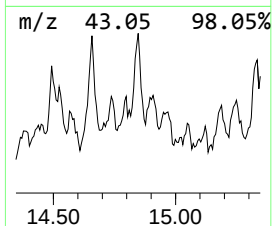
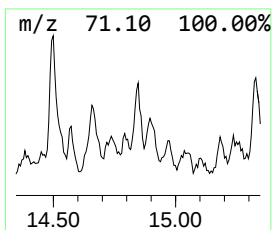
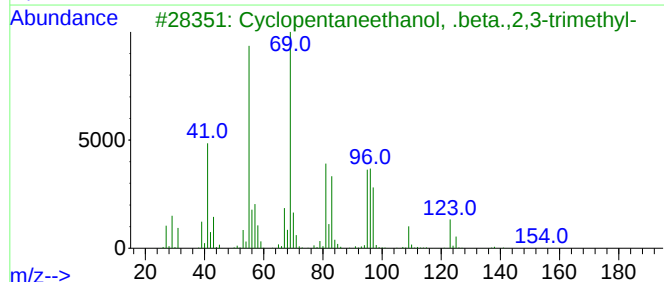
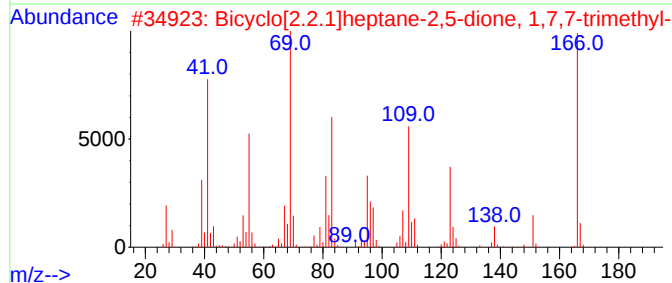
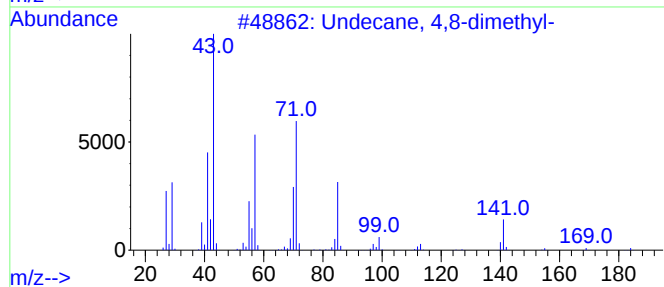
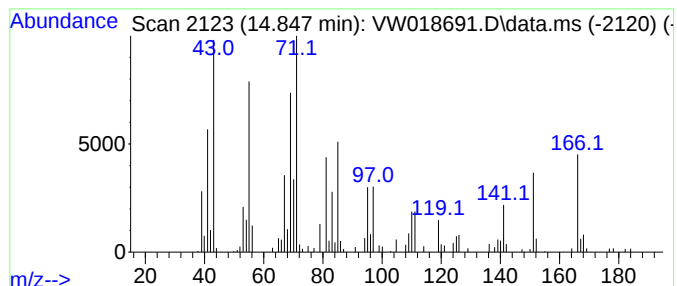
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	8.36 ug/L	117270	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	30
2			Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	27
3			Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	22
4			4-Octanone	128	C8H16O	000589-63-9	22
5			1-(2-Isopropyl-5-methylcyclopent...	168	C11H20O	1000191-21-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

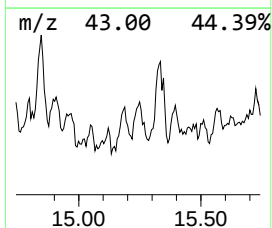
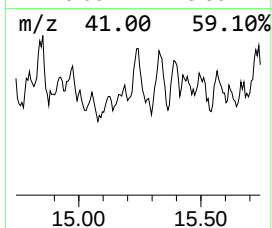
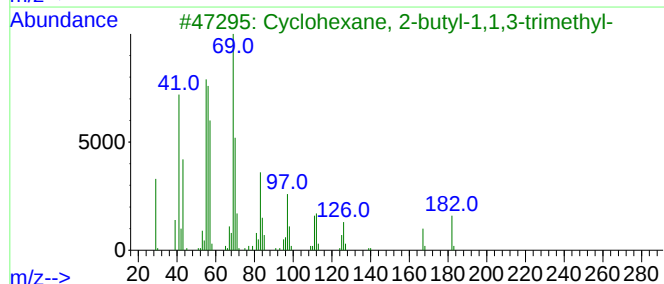
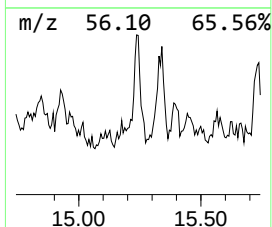
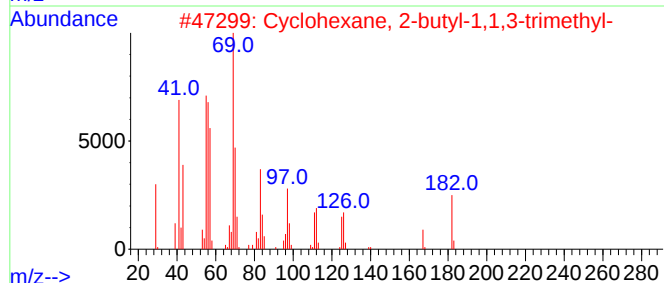
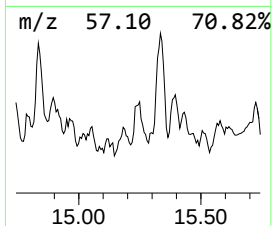
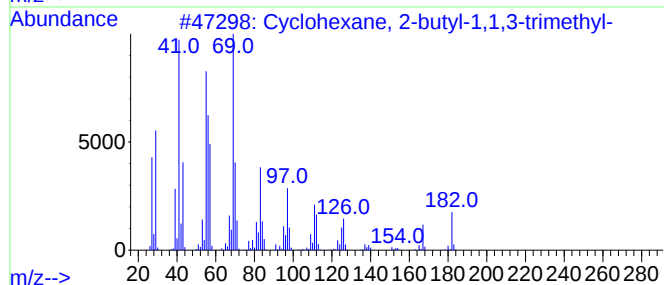
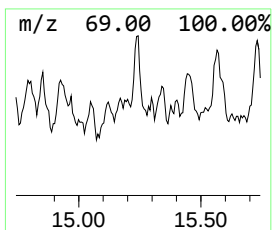
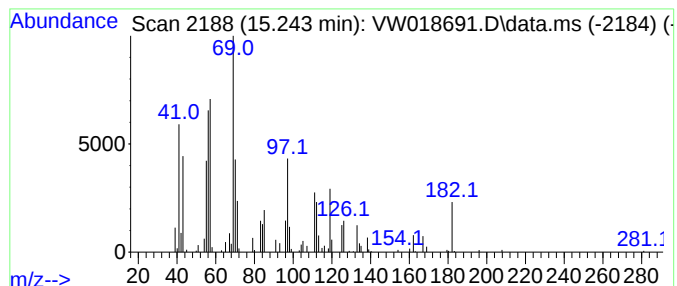
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Cyclic15.243 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	6.72 ug/L	94290	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
4			Cyclopentane, ethyl-	98	C7H14	001640-89-7	38
5			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

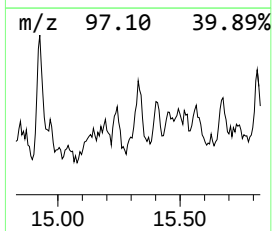
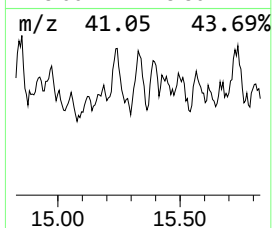
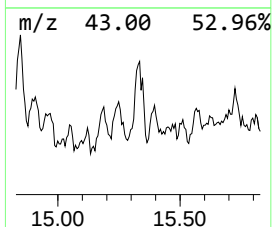
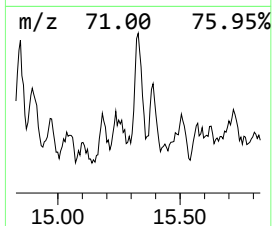
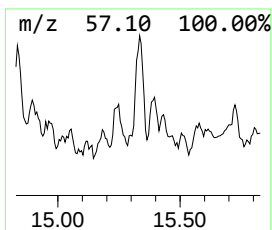
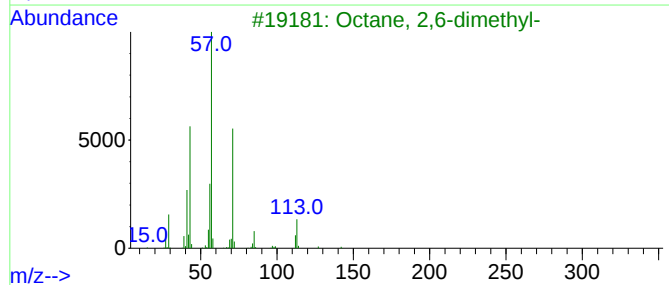
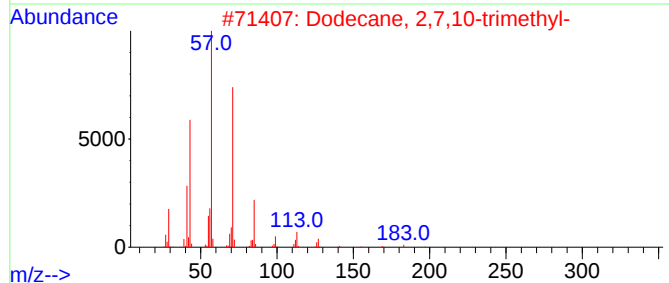
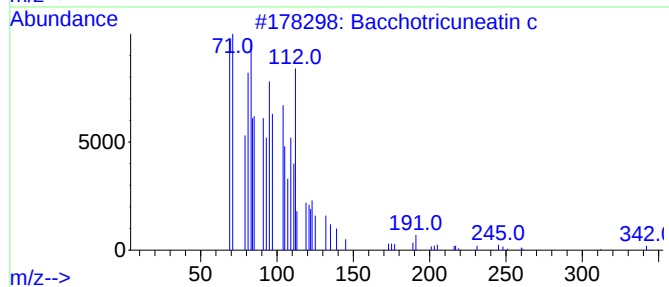
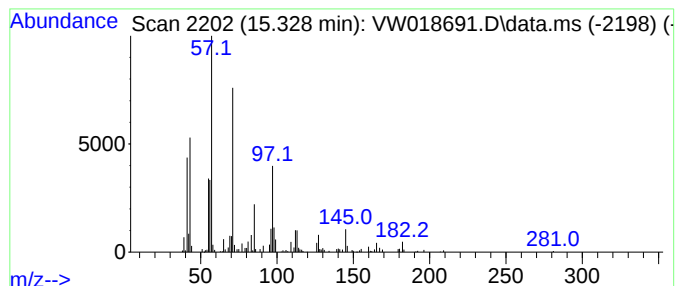
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Quant Title : SFAM01.0

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

Peak Number 36 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	8.78 ug/L	123231	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	38
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

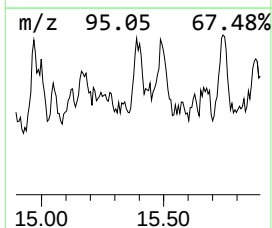
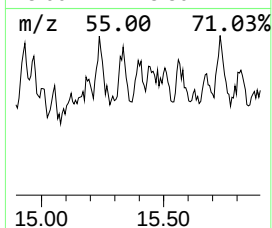
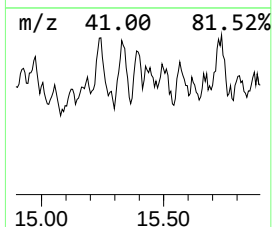
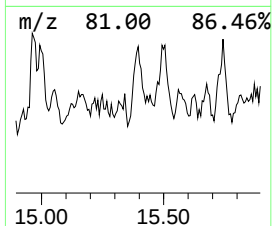
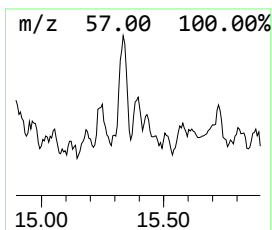
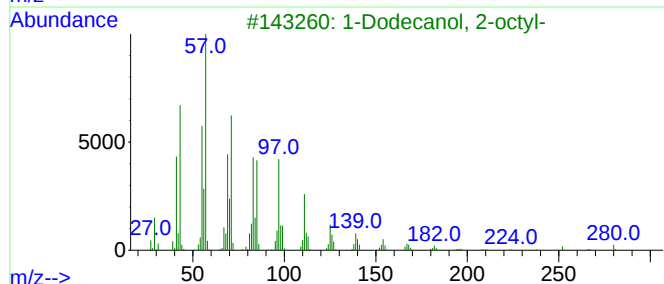
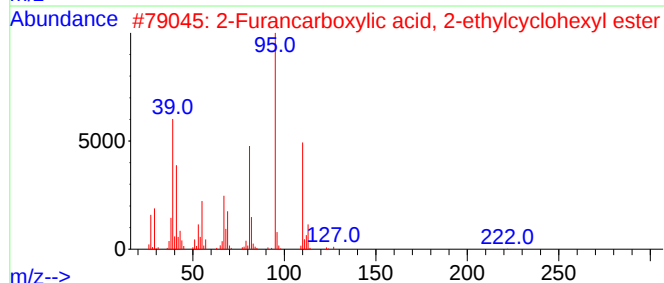
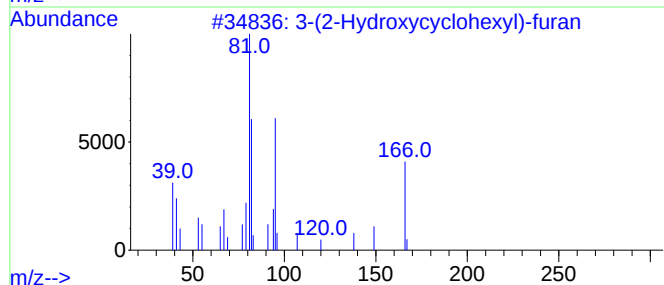
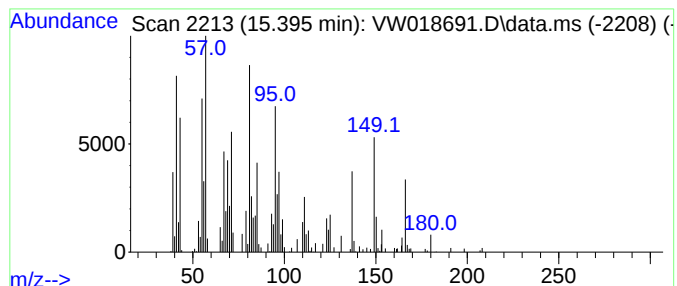
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	7.83 ug/L	109911	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	38		
2	2-Furancarboxylic acid, 2-ethylc...	222	C13H18O3	1000278-83-7	25		
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	25		
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	25		
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	25		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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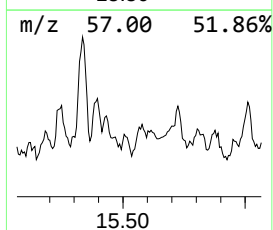
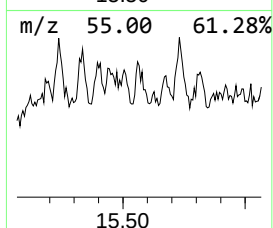
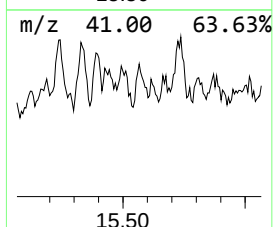
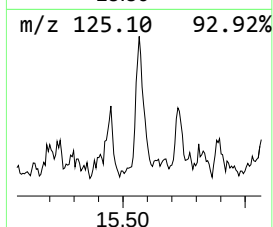
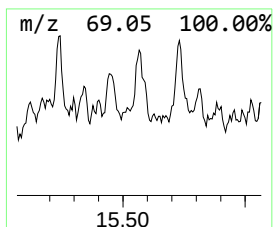
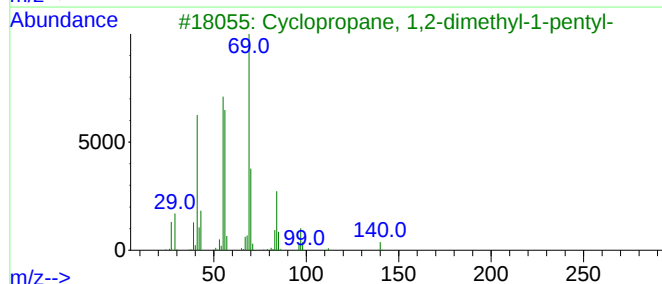
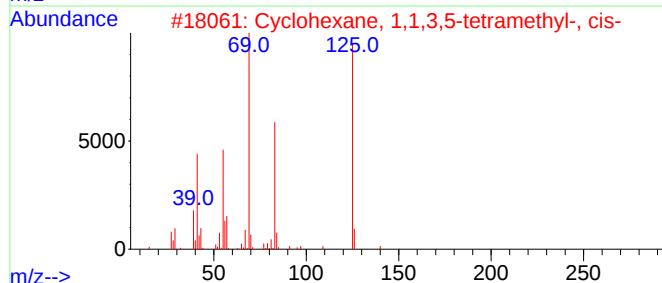
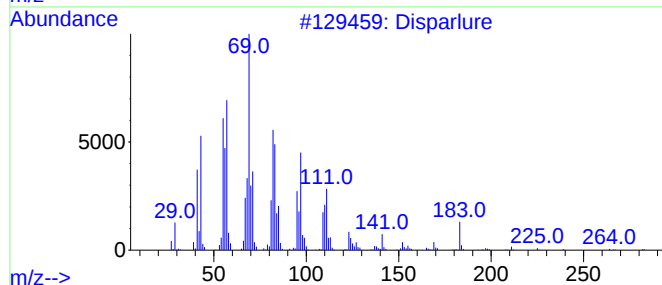
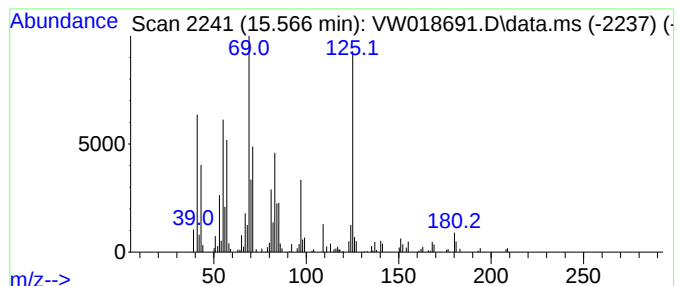
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Quant Title : SFAM01.0

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

Peak Number 38 Disparlure Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.566	5.60 ug/L	78532	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disparlure	282	C19H38O	029804-22-6	50
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
3			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	25
4			Citral	152	C10H16O	005392-40-5	25
5			Thiazole, 5-ethenyl-4-methyl-	125	C6H7NS	001759-28-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

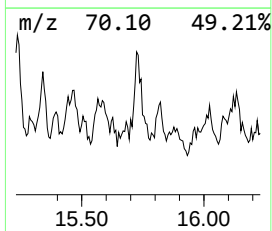
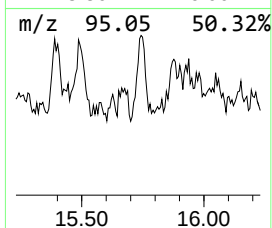
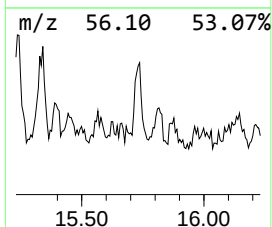
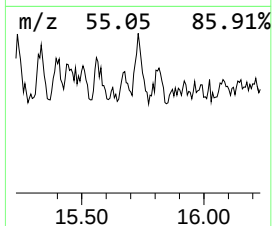
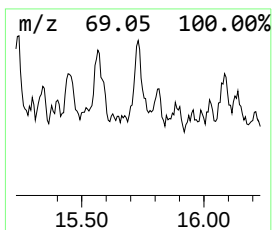
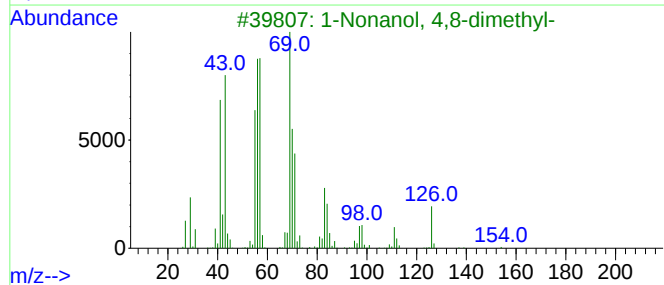
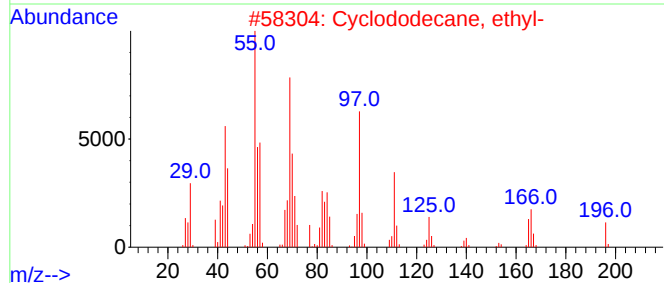
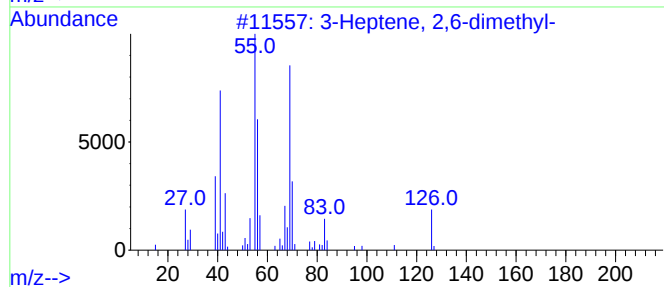
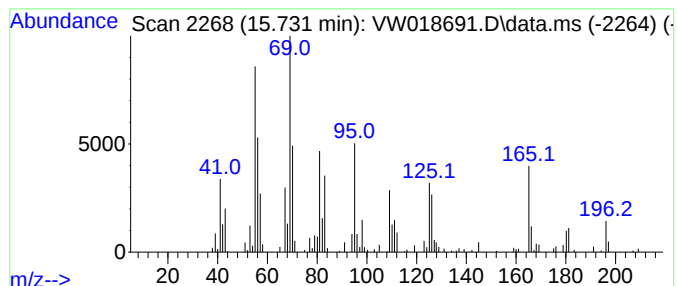
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	9.91 ug/L	139120	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	55
2			Cyclododecane, ethyl-	196	C14H28	028981-49-9	49
3			1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	43
4			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	38
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018691.D
 Acq On : 20 Apr 2021 15:12
 Operator : SY/VA
 Sample : M2065-12
 Misc : 3.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

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
(DEL) Alkane: S...	5.946	1.8	ug/L	54282	1	8.848	759676	25.0
(DEL) Alkane: S...	8.482	1.5	ug/L	44585	1	8.848	759676	25.0
(DEL) Alkane: S...	9.896	2.0	ug/L	61618	1	8.848	759676	25.0
unknown-01	11.067	2.3	ug/L	60271	2	11.634	649688	25.0
(DEL) Alkane: C...	11.823	1.6	ug/L	42299	2	11.634	649688	25.0
(DEL) Alkane: S...	11.878	1.8	ug/L	46736	2	11.634	649688	25.0
(DEL) Alkane: S...	12.231	1.9	ug/L	49164	2	11.634	649688	25.0
(DEL) Alkane: S...	12.365	9.3	ug/L	241328	2	11.634	649688	25.0
(DEL) Alkane: C...	12.451	4.0	ug/L	105288	2	11.634	649688	25.0
(DEL) Alkane: S...	12.749	16.1	ug/L	225844	3	13.554	350858	25.0
Glycine, furan-...	12.865	14.9	ug/L	208909	3	13.554	350858	25.0
unknown-02	12.969	24.6	ug/L	344742	3	13.554	350858	25.0
(DEL) Alkane: S...	13.060	16.2	ug/L	226767	3	13.554	350858	25.0
(DEL) Alkane: S...	13.127	13.5	ug/L	189600	3	13.554	350858	25.0
(DEL) Alkane: S...	13.195	20.5	ug/L	287746	3	13.554	350858	25.0
unknown-03	13.262	2.5	ug/L	34360	3	13.554	350858	25.0
(DEL) Alkane: S...	13.298	11.0	ug/L	154705	3	13.554	350858	25.0
(DEL) Alkane: S...	13.408	37.8	ug/L	531027	3	13.554	350858	25.0
(DEL) Alkane: S...	13.481	4.2	ug/L	58673	3	13.554	350858	25.0
(DEL) Alkane: C...	13.694	5.8	ug/L	80759	3	13.554	350858	25.0
(DEL) Alkane: S...	13.768	11.2	ug/L	157271	3	13.554	350858	25.0
(DEL) Alkane: S...	13.981	2.8	ug/L	39849	3	13.554	350858	25.0
unknown-04	14.066	6.3	ug/L	87907	3	13.554	350858	25.0
unknown-05	14.194	5.5	ug/L	77339	3	13.554	350858	25.0
unknown-06	14.261	10.8	ug/L	151044	3	13.554	350858	25.0
Naphthalene, de...	14.383	9.8	ug/L	137948	3	13.554	350858	25.0
(DEL) Alkane: S...	14.499	8.5	ug/L	119094	3	13.554	350858	25.0
(DEL) Alkane: S...	14.658	2.8	ug/L	39877	3	13.554	350858	25.0
unknown-07	14.792	5.5	ug/L	77780	3	13.554	350858	25.0
(DEL) Alkane: S...	14.847	8.4	ug/L	117270	3	13.554	350858	25.0
(DEL) Alkane: C...	15.243	6.7	ug/L	94290	3	13.554	350858	25.0
Bacchotricuneat...	15.328	8.8	ug/L	123231	3	13.554	350858	25.0
unknown-08	15.395	7.8	ug/L	109911	3	13.554	350858	25.0
Disparlure	15.566	5.6	ug/L	78532	3	13.554	350858	25.0
(DEL) Alkane: S...	15.731	9.9	ug/L	139120	3	13.554	350858	25.0