

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020356.D
 Acq On : 07 Oct 2021 10:52
 Operator : SY/VA
 Sample : M4001-09
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW922

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\SFAMWLM100621SMA.M
 Title : SFAM01.0

Signal : TIC: VW020356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	82	rVB	106179	175633	15.06%	1.603%
2	2.885	154	161	177	rBV	48920	104007	8.92%	0.949%
3	4.019	335	347	365	rBV	151075	426282	36.56%	3.891%
4	4.257	378	386	397	rVB2	1533	4265	0.37%	0.039%
5	4.385	397	407	416	rBV2	943	2964	0.25%	0.027%
6	4.922	485	495	506	rVV2	3192	10150	0.87%	0.093%
7	5.940	656	662	663	rBV3	679	967	0.08%	0.009%
8	6.214	701	707	708	rBV3	507	953	0.08%	0.009%
9	6.226	708	709	717	rVB3	674	853	0.07%	0.008%
10	7.086	840	850	859	rBV	25415	72720	6.24%	0.664%
11	7.653	932	943	954	rBV	197228	481707	41.31%	4.397%
12	7.763	958	961	967	rVB3	399	701	0.06%	0.006%
13	7.872	971	979	989	rBV2	7802	19343	1.66%	0.177%
14	7.952	989	992	996	rVB3	407	652	0.06%	0.006%
15	8.275	1032	1045	1059	rBV2	401616	1166040	100.00%	10.644%
16	8.384	1060	1063	1064	rBV3	809	794	0.07%	0.007%
17	8.573	1092	1094	1099	rVB4	908	1280	0.11%	0.012%
18	8.610	1099	1100	1109	rVB5	937	1450	0.12%	0.013%
19	8.702	1109	1115	1119	rVB4	259	544	0.05%	0.005%
20	8.842	1130	1138	1157	rVB	375305	752167	64.51%	6.866%
21	9.092	1170	1179	1187	rBV	42077	82683	7.09%	0.755%
22	9.275	1200	1209	1225	rBV	275038	557418	47.80%	5.088%
23	9.384	1225	1227	1232	rVB3	717	859	0.07%	0.008%
24	9.610	1256	1264	1269	rBV4	1640	3239	0.28%	0.030%
25	9.665	1269	1273	1278	rVB2	520	859	0.07%	0.008%
26	9.756	1281	1288	1295	rBV3	3181	5802	0.50%	0.053%
27	9.945	1314	1319	1324	rBV4	1147	2113	0.18%	0.019%
28	10.037	1326	1334	1347	rBV	140424	255595	21.92%	2.333%
29	10.122	1347	1348	1354	rVB4	756	1161	0.10%	0.011%
30	10.213	1358	1363	1367	rBV4	1784	2885	0.25%	0.026%
31	10.323	1373	1381	1389	rBV	542941	949948	81.47%	8.672%
32	10.384	1389	1391	1398	rVB	7314	11489	0.99%	0.105%
33	10.500	1401	1410	1416	rVB5	2037	4730	0.41%	0.043%
34	10.579	1416	1423	1428	rBV	85178	146437	12.56%	1.337%
35	10.665	1434	1437	1441	rBV2	2555	3649	0.31%	0.033%
36	10.701	1441	1443	1449	rVB	3049	4613	0.40%	0.042%

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Title : SFAM01.0

37	10.762	1449	1453	1455	rBV3	951	1362	0.12%	0.012%
38	10.811	1458	1461	1465	rVB4	1303	1773	0.15%	0.016%
39	10.860	1465	1469	1473	rBV	4632	7659	0.66%	0.070%
40	10.927	1473	1480	1491	rVB	98300	164648	14.12%	1.503%
41	11.018	1491	1495	1500	rVB4	1405	2096	0.18%	0.019%
42	11.067	1500	1503	1506	rBV4	765	972	0.08%	0.009%
43	11.110	1506	1510	1514	rBV3	2554	4443	0.38%	0.041%
44	11.146	1514	1516	1523	rVB5	2001	2929	0.25%	0.027%
45	11.232	1523	1530	1535	rBV	20493	37939	3.25%	0.346%
46	11.286	1535	1539	1541	rVV3	1852	2634	0.23%	0.024%
47	11.329	1541	1546	1551	rVV2	5633	9192	0.79%	0.084%
48	11.378	1551	1554	1558	rVB3	2123	3157	0.27%	0.029%
49	11.439	1558	1564	1571	rVB2	8981	16726	1.43%	0.153%
50	11.512	1571	1576	1579	rBV4	901	1619	0.14%	0.015%
51	11.634	1587	1596	1605	rBV	474894	815503	69.94%	7.444%
52	11.707	1605	1608	1612	rVB3	1198	1585	0.14%	0.014%
53	11.762	1612	1617	1622	rBV	9686	15555	1.33%	0.142%
54	11.823	1622	1627	1633	rBV4	11089	23678	2.03%	0.216%
55	11.896	1633	1639	1646	rVB4	11623	27589	2.37%	0.252%
56	11.975	1646	1652	1659	rBV4	18315	42470	3.64%	0.388%
57	12.036	1659	1662	1669	rVB4	5846	10512	0.90%	0.096%
58	12.128	1669	1677	1686	rBV4	21227	60092	5.15%	0.549%
59	12.231	1686	1694	1700	rVB5	15302	33387	2.86%	0.305%
60	12.286	1700	1703	1705	rVB5	1139	1194	0.10%	0.011%
61	12.365	1705	1716	1722	rBV	86271	186134	15.96%	1.699%
62	12.451	1723	1730	1739	rBV4	22073	58421	5.01%	0.533%
63	12.524	1739	1742	1746	rVB4	6814	10049	0.86%	0.092%
64	12.561	1746	1748	1751	rVB2	3560	3918	0.34%	0.036%
65	12.609	1751	1756	1762	rVB5	12302	24058	2.06%	0.220%
66	12.695	1762	1770	1777	rBV	173127	314785	27.00%	2.874%
67	12.780	1777	1784	1790	rVB	223801	379994	32.59%	3.469%
68	12.865	1790	1798	1804	rBV5	37323	95787	8.21%	0.874%
69	12.957	1804	1813	1823	rBV4	74220	234174	20.08%	2.138%
70	13.079	1829	1833	1838	rVB3	47038	77496	6.65%	0.707%
71	13.134	1838	1842	1844	rBV3	6979	10034	0.86%	0.092%
72	13.195	1846	1852	1858	rBV4	48318	106306	9.12%	0.970%
73	13.262	1858	1863	1866	rBV3	38707	68026	5.83%	0.621%
74	13.298	1866	1869	1877	rVB6	35090	70937	6.08%	0.648%
75	13.384	1879	1883	1885	rBV3	16068	25071	2.15%	0.229%
76	13.481	1896	1899	1903	rBV3	10833	17094	1.47%	0.156%

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 Title : SFAM01.0

77	13.554	1905	1911	1919	rVB	354512	610604	52.37%	5.574%
78	13.627	1919	1923	1928	rBV4	23297	54381	4.66%	0.496%
79	13.695	1929	1934	1939	rBV2	141073	232601	19.95%	2.123%
80	13.853	1949	1960	1968	rBV2	368552	797324	68.38%	7.278%
81	13.926	1970	1972	1977	rVB5	23537	31237	2.68%	0.285%
82	14.012	1977	1986	1992	rBV	138086	289022	24.79%	2.638%
83	14.182	2008	2014	2018	rBV8	23790	53717	4.61%	0.490%
84	14.231	2018	2022	2024	rBV3	15451	22435	1.92%	0.205%
85	14.329	2034	2038	2042	rVB7	15318	26017	2.23%	0.237%
86	14.377	2042	2046	2050	rBV5	34889	55921	4.80%	0.510%
87	14.432	2051	2055	2061	rVB6	26995	50143	4.30%	0.458%
88	14.548	2069	2074	2079	rBV	101660	159394	13.67%	1.455%
89	14.737	2102	2105	2109	rVB3	16057	19484	1.67%	0.178%
90	14.969	2139	2143	2146	rBV3	27233	45741	3.92%	0.418%
91	15.048	2153	2156	2161	rVB6	13301	22558	1.93%	0.206%
92	15.170	2172	2176	2182	rBV5	14672	32249	2.77%	0.294%
93	15.237	2183	2187	2197	rVB4	38385	83503	7.16%	0.762%
94	15.438	2217	2220	2225	rBV6	8586	19397	1.66%	0.177%
95	15.499	2227	2230	2236	rVV6	14784	31590	2.71%	0.288%
96	15.560	2237	2240	2248	rVB7	14417	34076	2.92%	0.311%
97	15.737	2263	2269	2276	rBV4	20992	48021	4.12%	0.438%
98	16.596	2409	2410	2411	rBV	1132	735	0.06%	0.007%
99	16.621	2412	2414	2420	rVB5	2803	3316	0.28%	0.030%
100	16.749	2431	2435	2439	rVB7	1798	3137	0.27%	0.029%

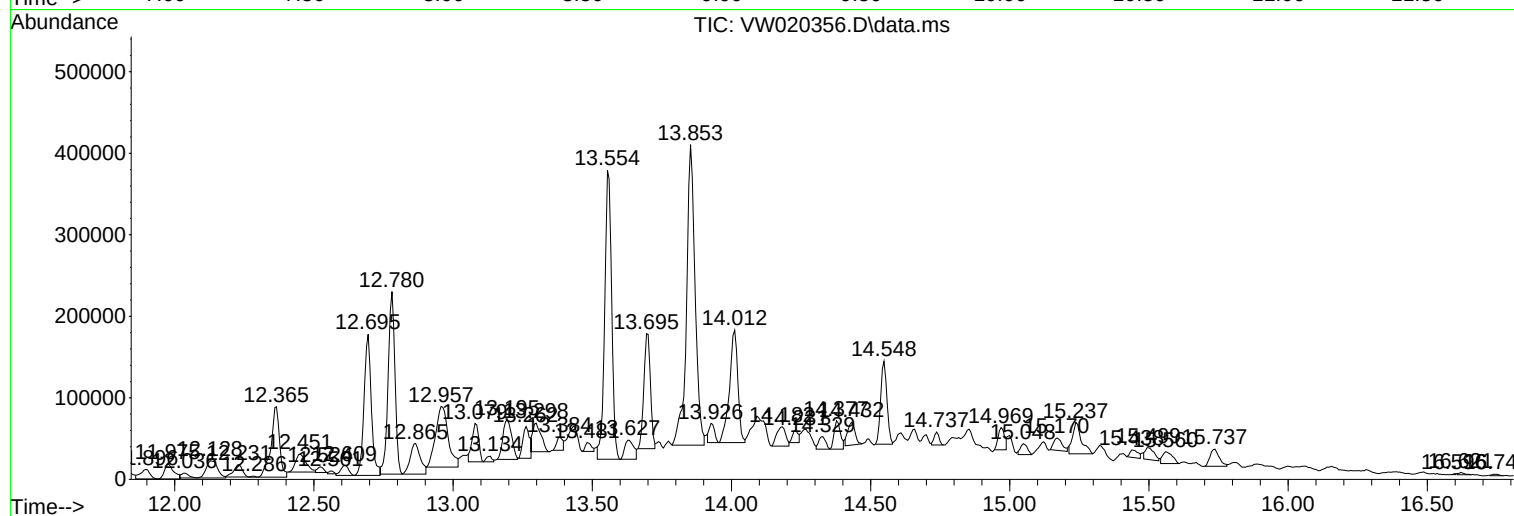
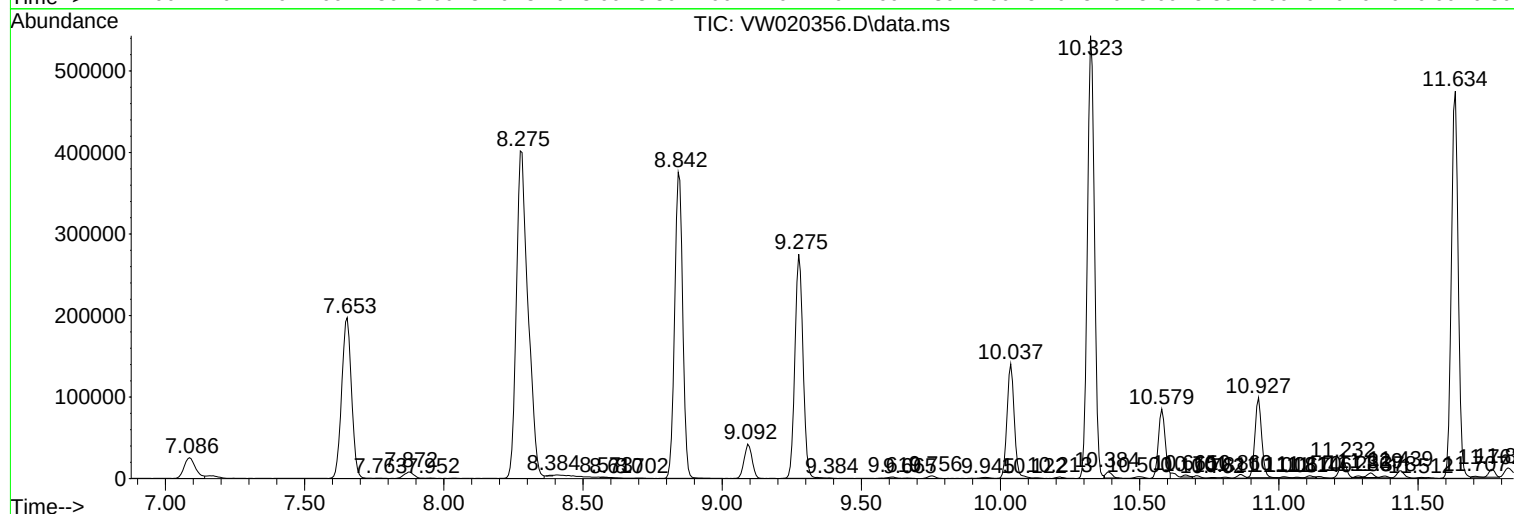
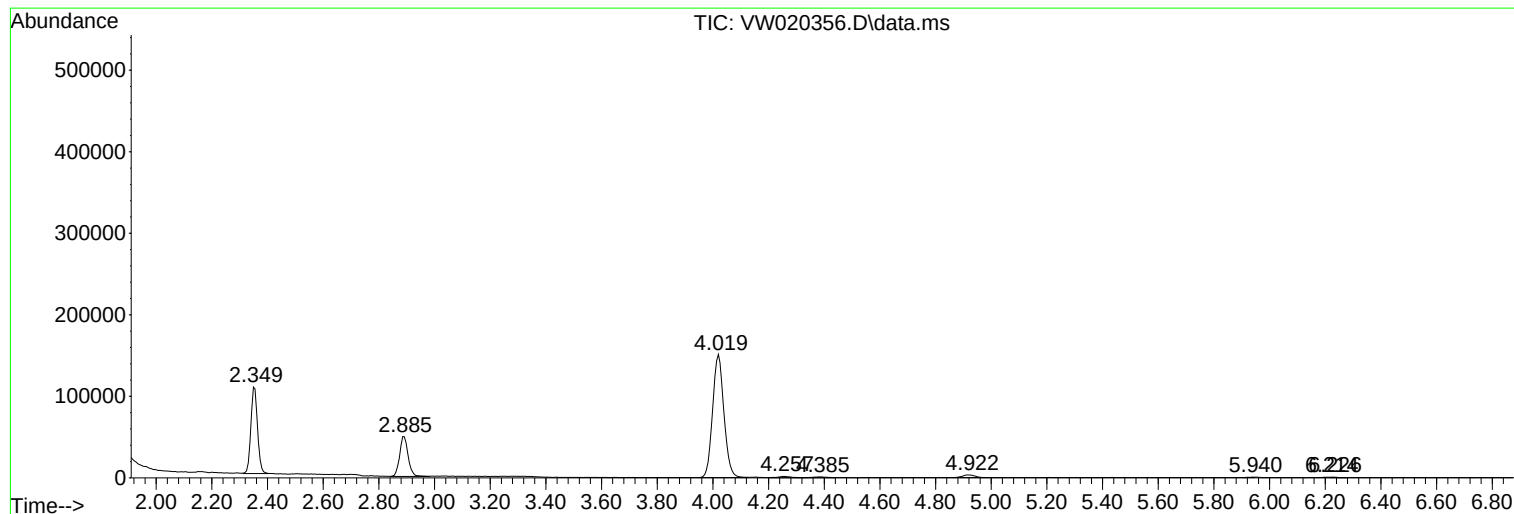
Sum of corrected areas: 10954553

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



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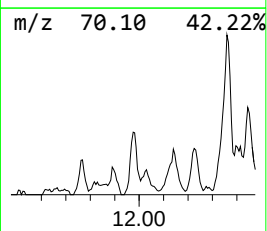
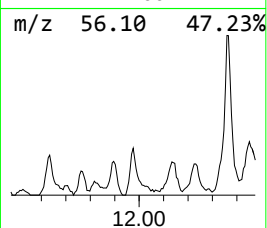
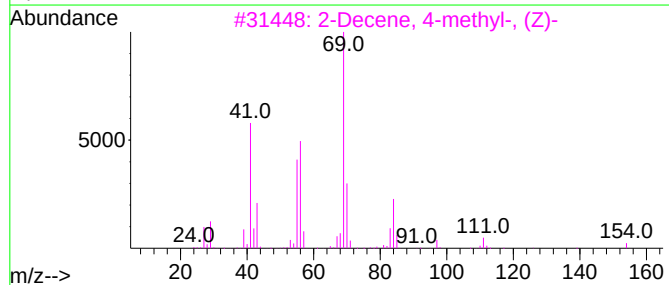
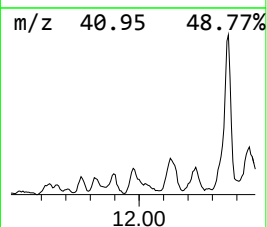
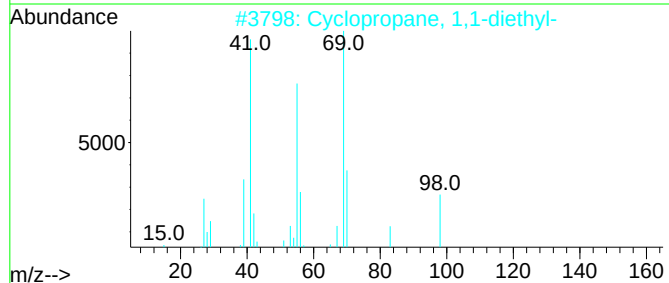
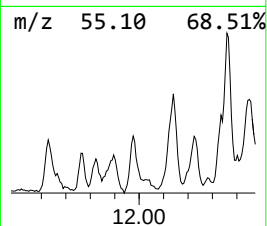
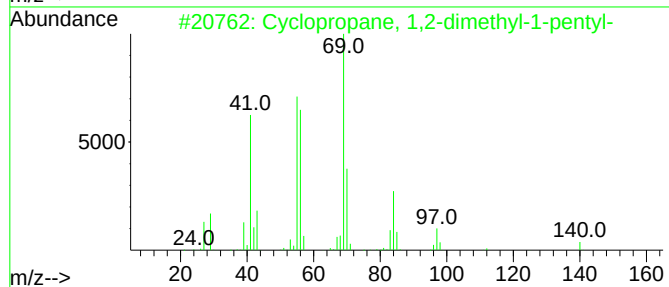
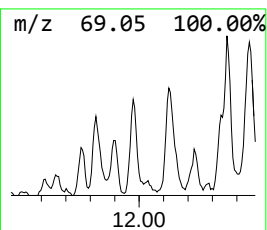
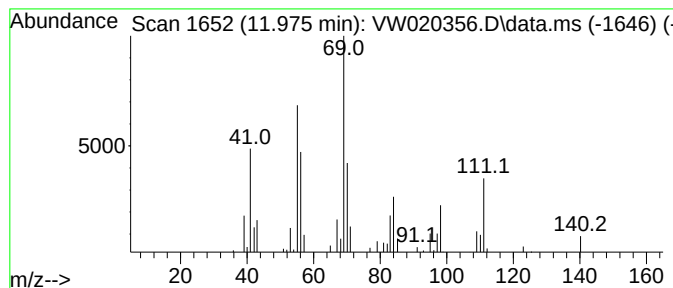
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.975 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	1.30 ug/L	42470	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	68
2			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	60
3			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47



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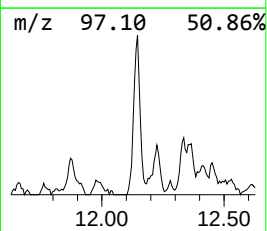
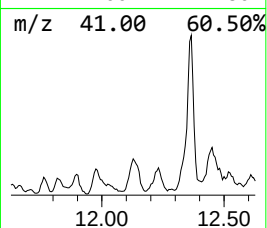
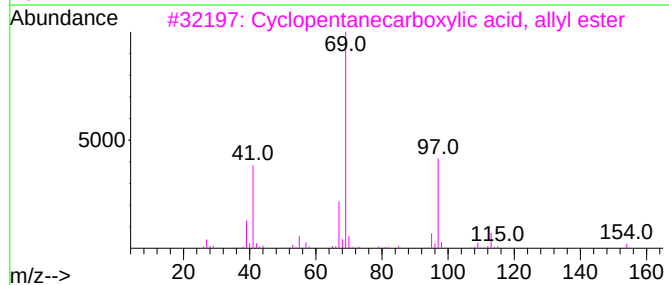
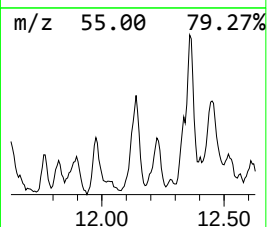
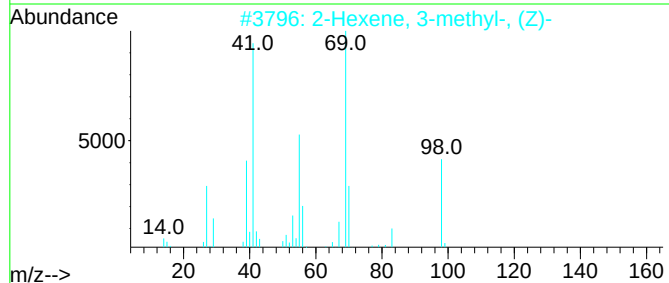
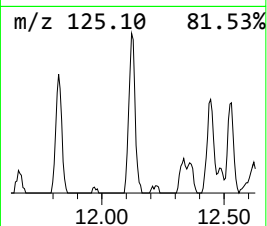
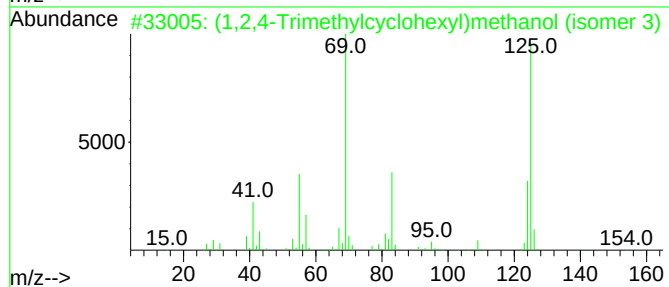
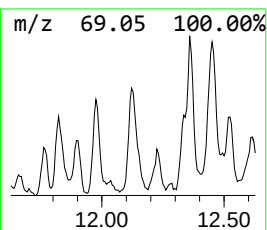
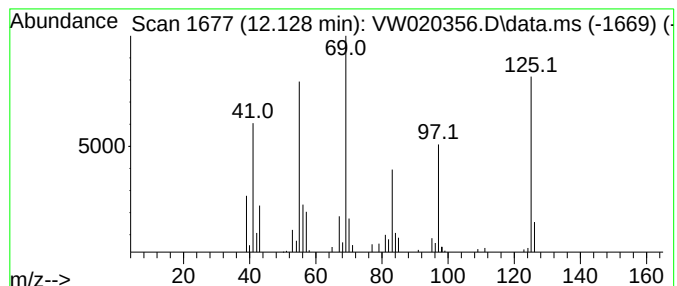
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	1.84 ug/L	60092	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-0	50
2			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	30
3			Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	27
4			3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	27
5			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	25



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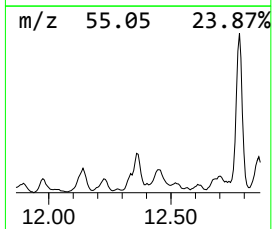
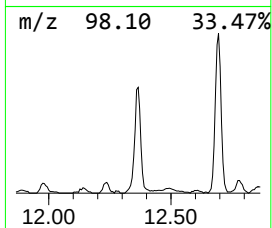
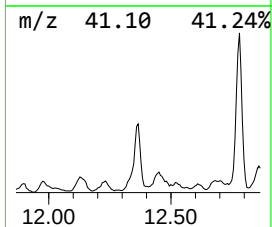
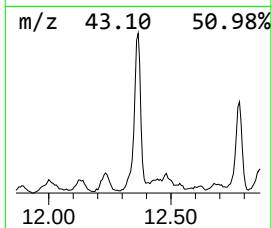
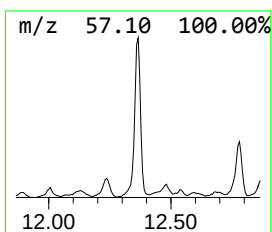
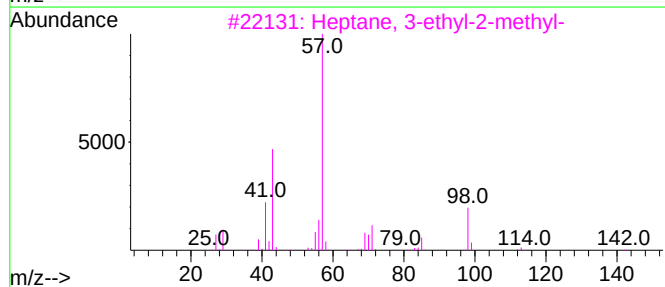
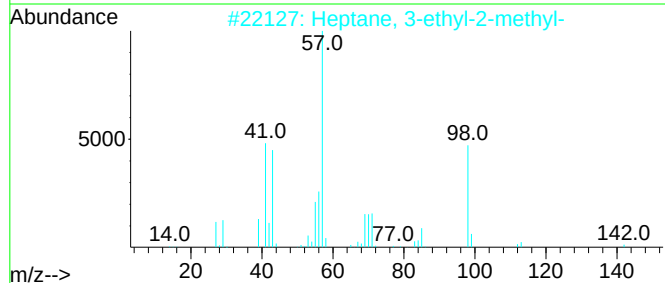
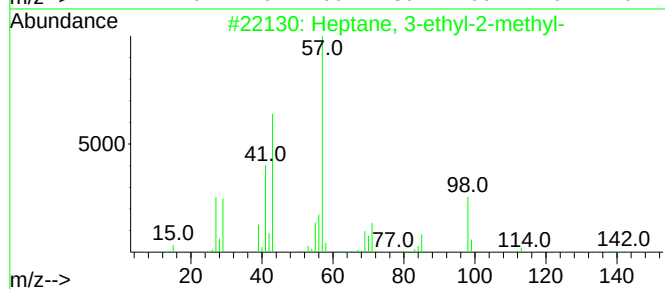
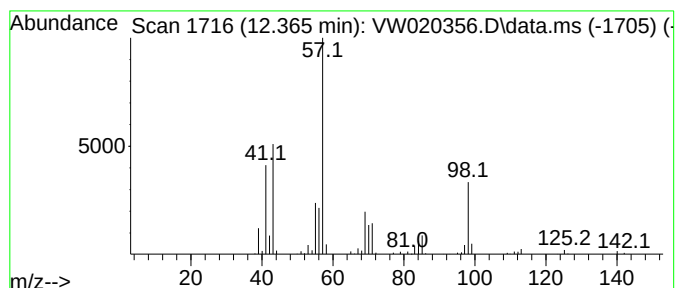
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	5.71 ug/L	186134	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW922

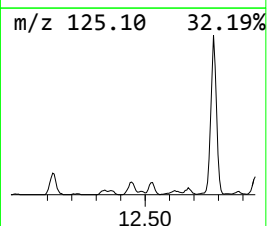
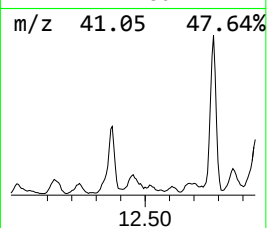
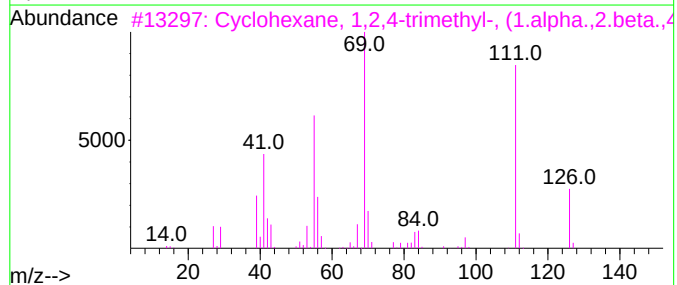
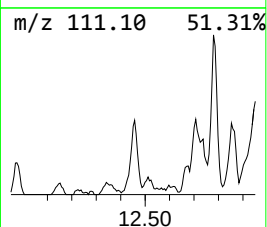
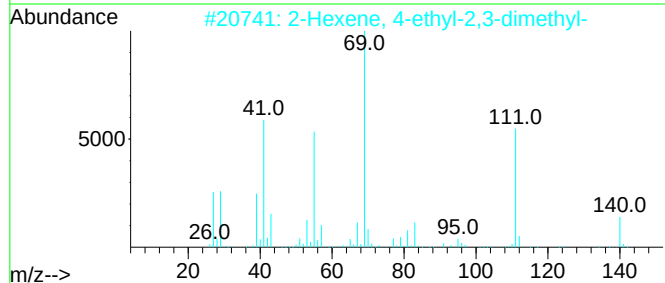
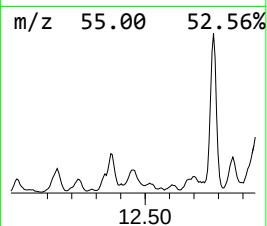
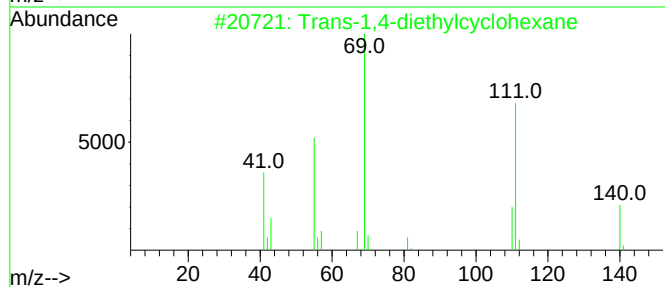
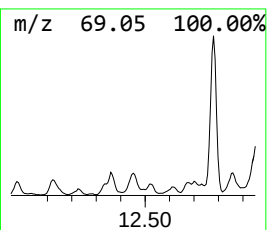
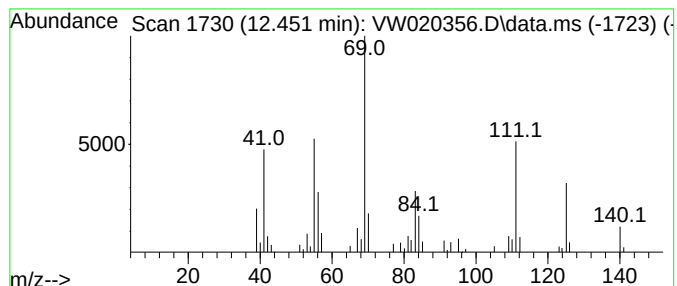
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.451 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	1.79 ug/L	58421	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			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	64
3			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	62
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

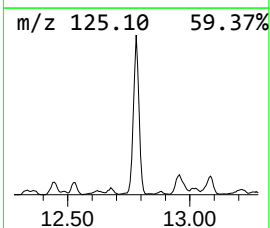
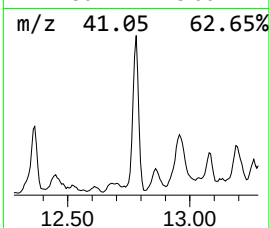
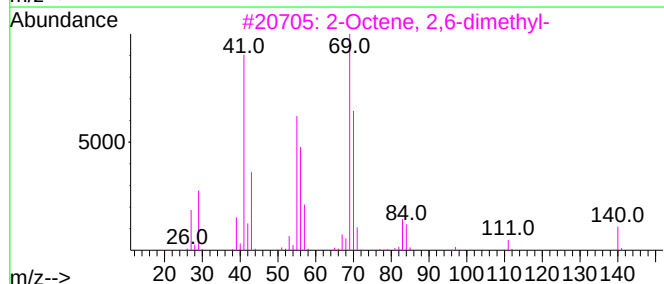
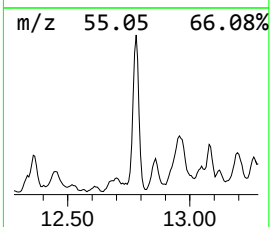
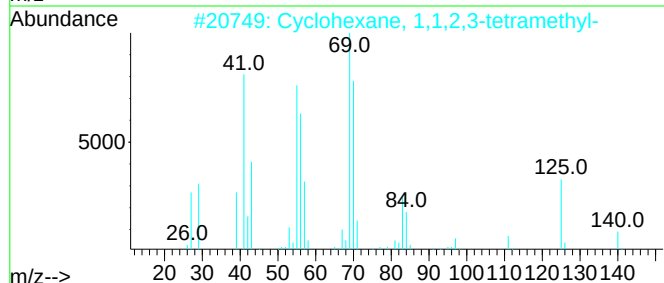
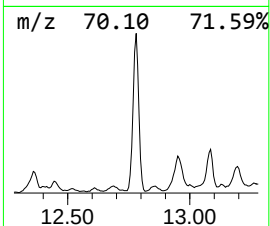
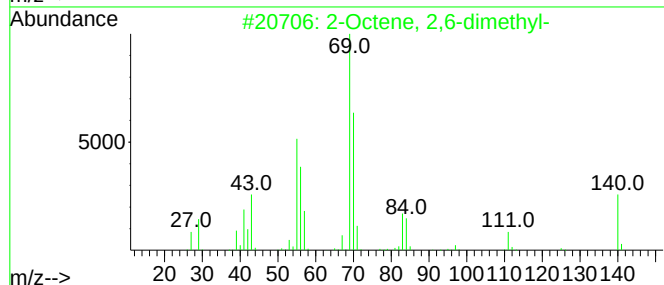
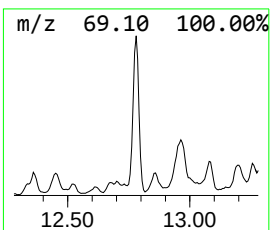
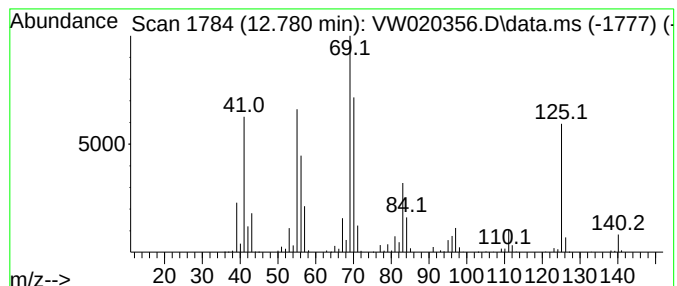
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	15.56 ug/L	379994	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	93
2	Cyclohexane, 1,1,2,3-tetramethyl-			140	C10H20	006783-92-2	89
3	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	76
4	4-Octene, 2,6-dimethyl-, [S-(E)]-			140	C10H20	062960-76-3	58
5	2-Nonene, 2-methyl-			140	C10H20	002129-95-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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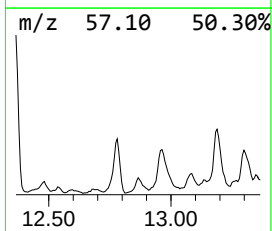
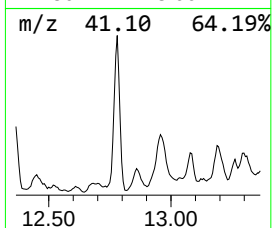
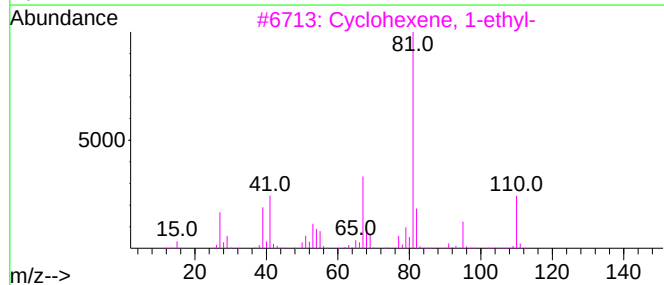
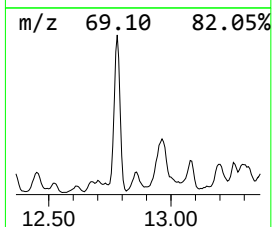
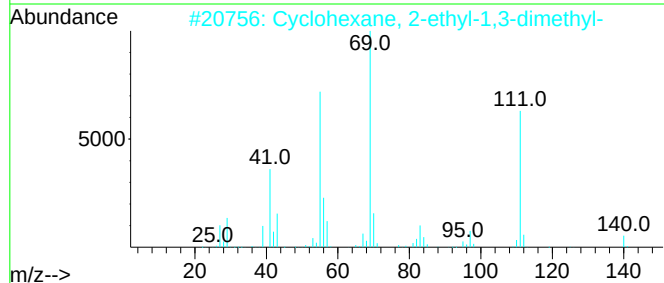
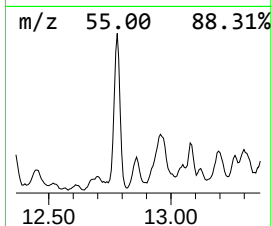
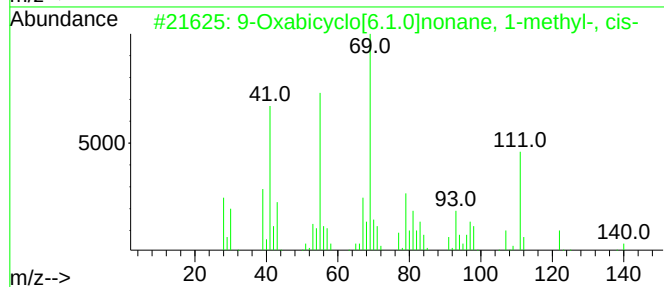
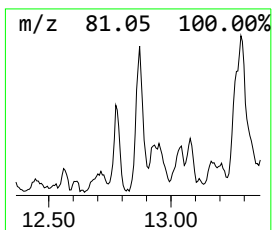
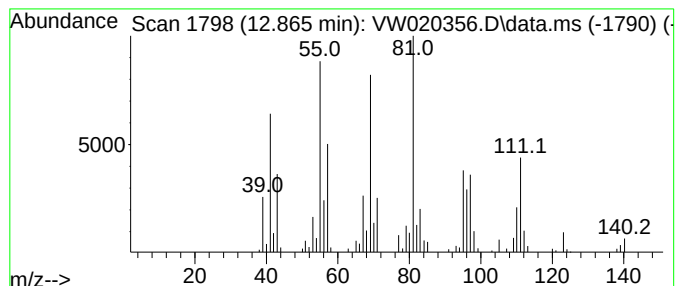
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	3.92 ug/L	95787	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	38
2			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
5			4-Ethylcyclohexene	110	C8H14	003742-42-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

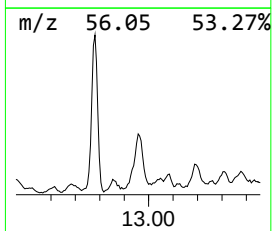
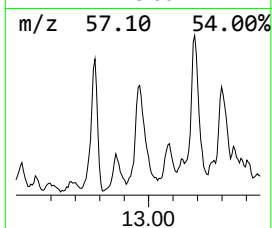
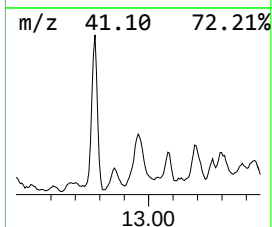
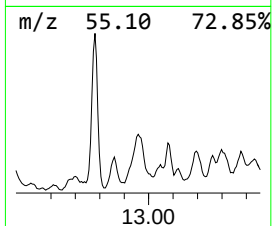
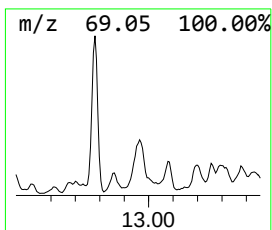
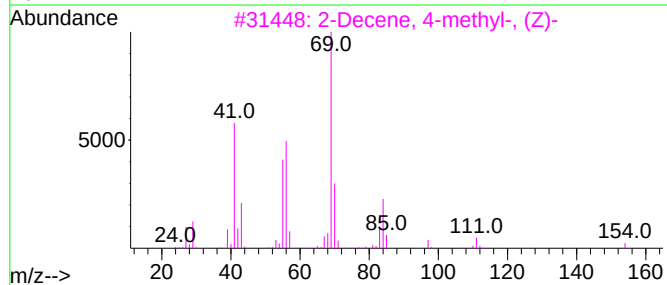
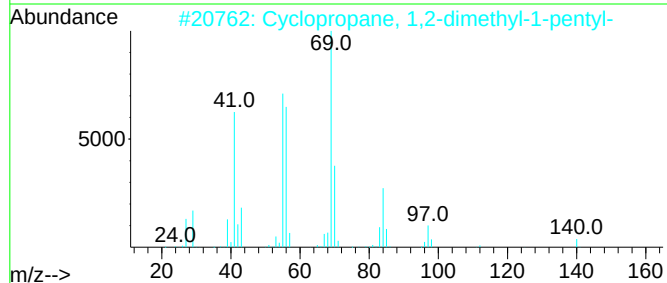
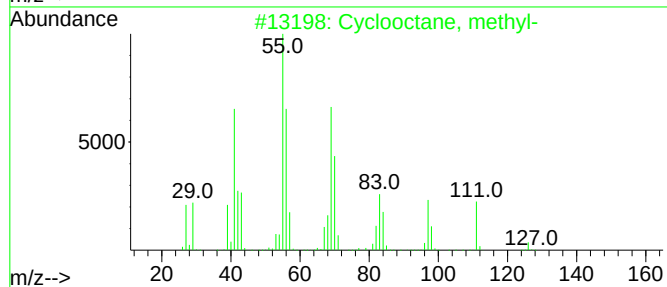
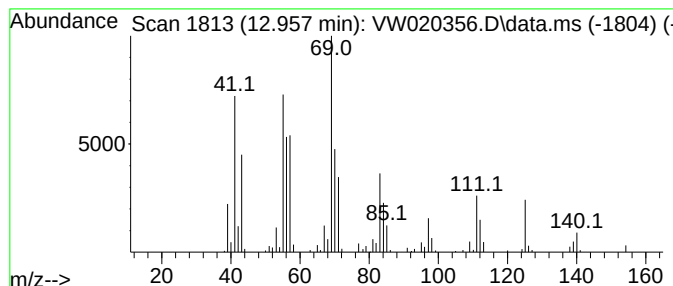
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.957 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	9.59 ug/L	234174	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	68
2			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	62
3			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	58
4			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
5			Cyclopentane, propyl-	112	C8H16	002040-96-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

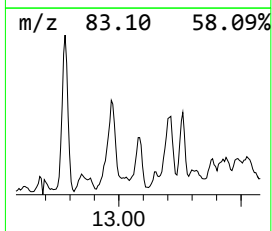
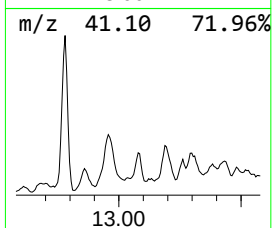
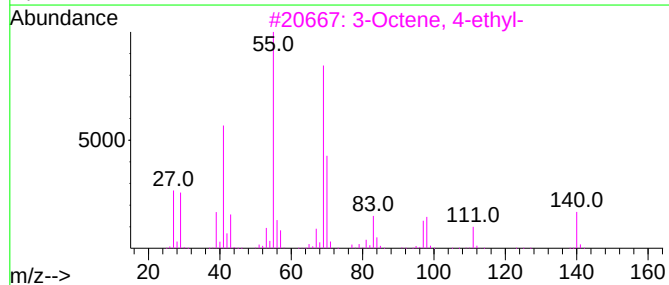
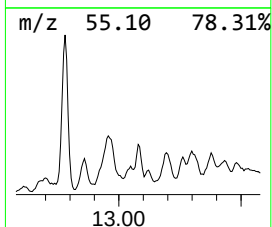
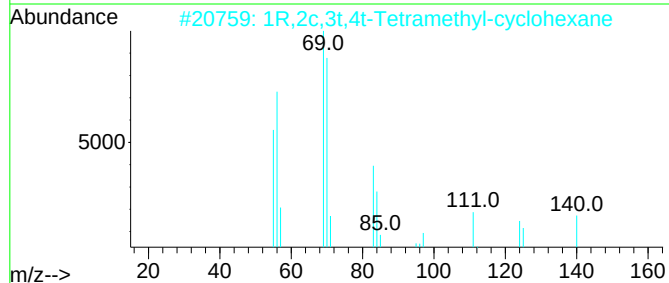
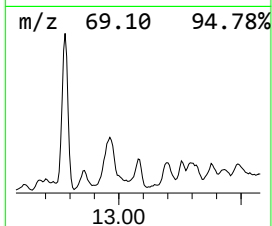
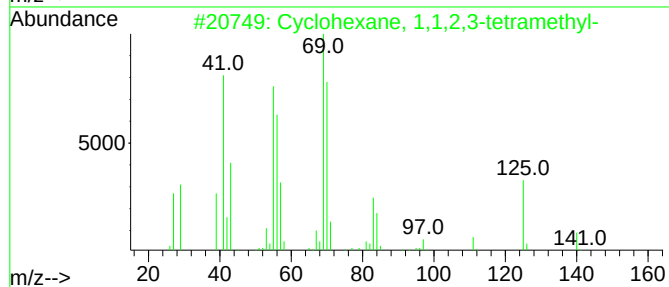
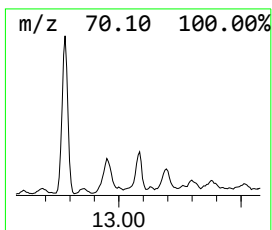
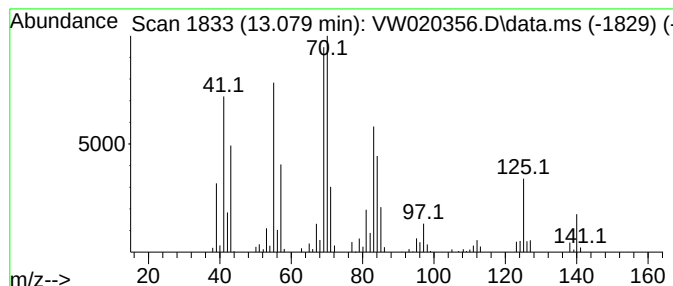
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic13.079 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	3.17 ug/L	77496	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	64
3			3-Octene, 4-ethyl-	140	C10H20	053966-51-1	38
4			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
5			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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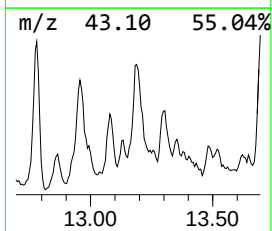
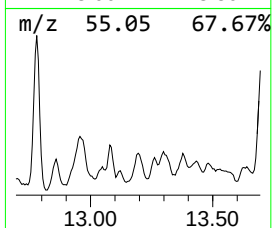
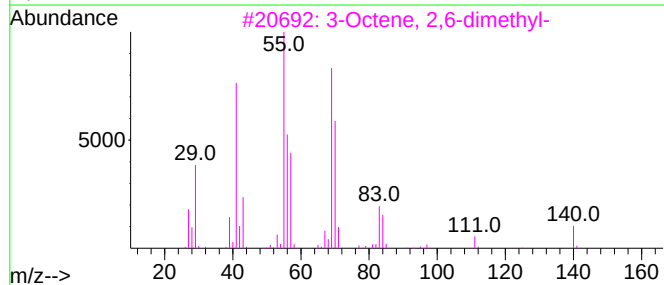
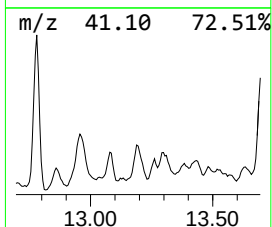
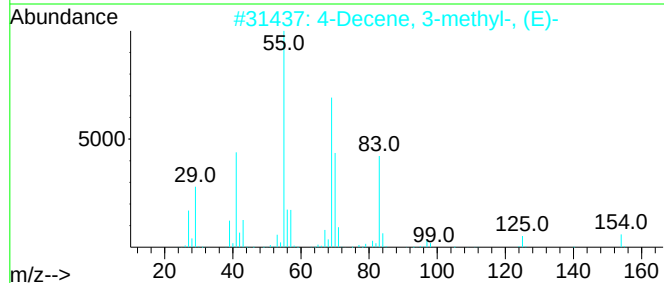
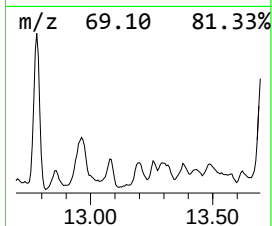
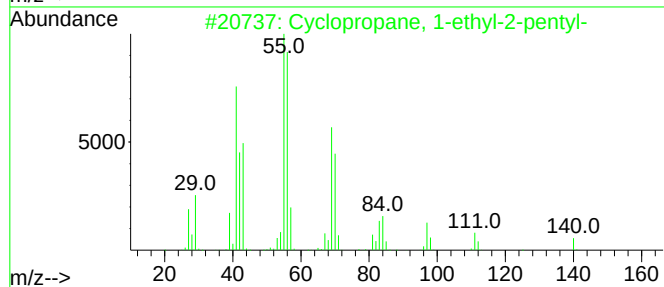
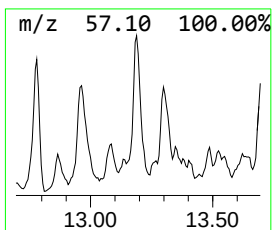
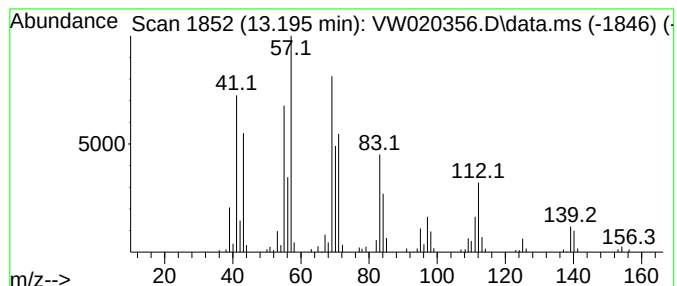
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic13.195 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.195	4.35 ug/L	106306	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	49
2			4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	49
3			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	49
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
5			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

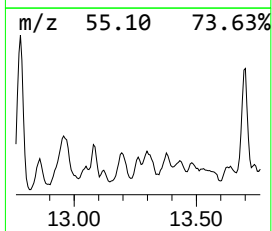
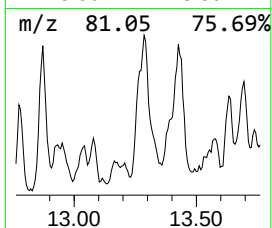
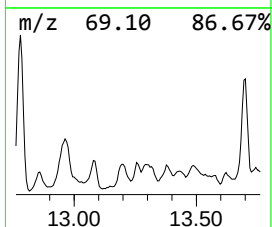
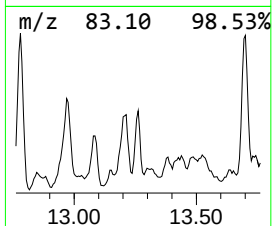
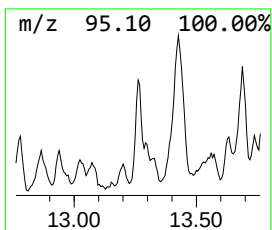
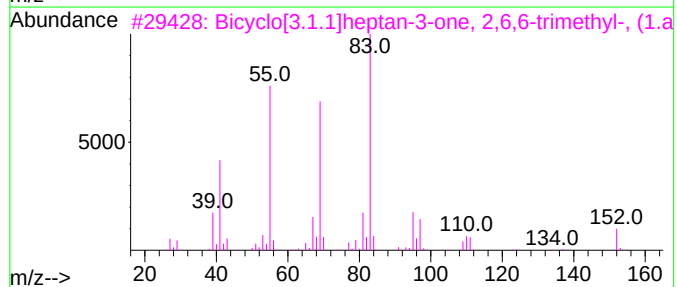
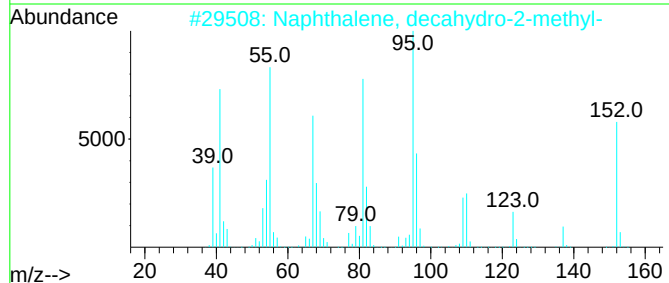
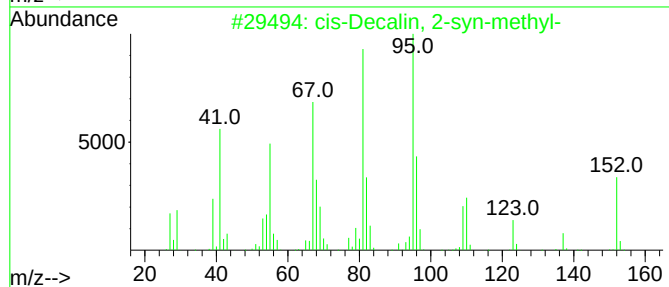
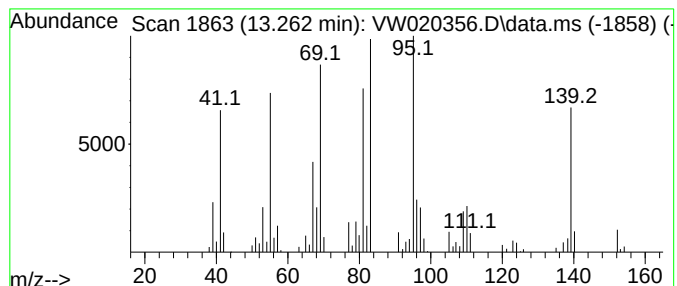
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	2.79 ug/L	68026	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	43
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	27
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

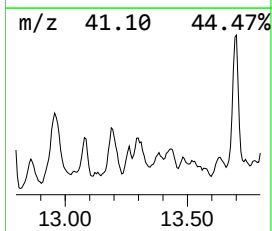
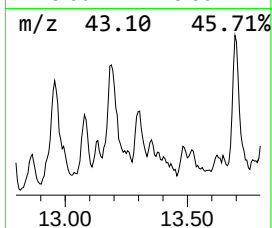
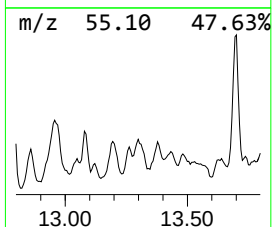
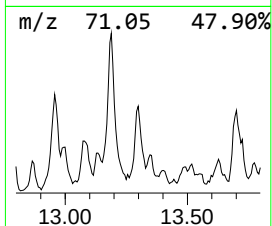
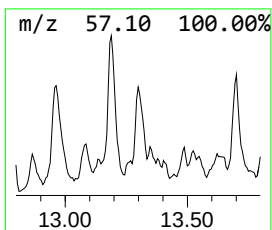
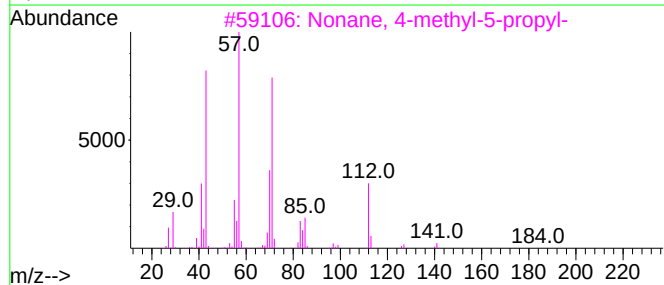
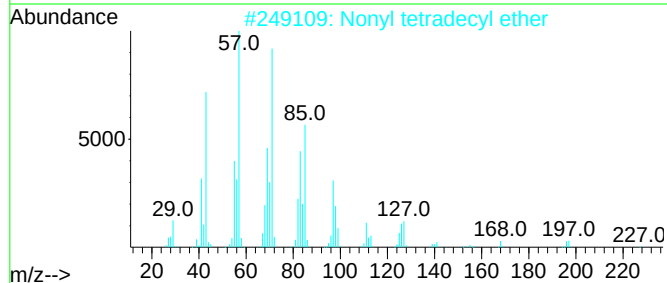
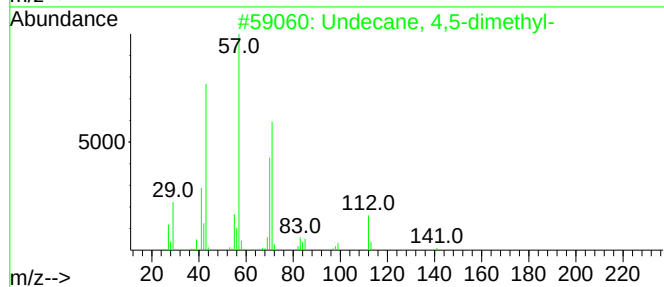
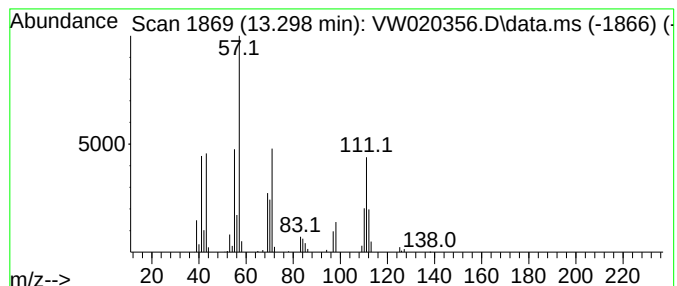
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.90 ug/L	70937	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35
2		Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	32
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	32
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	32
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

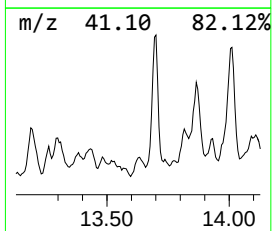
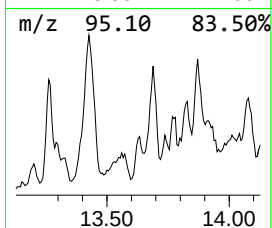
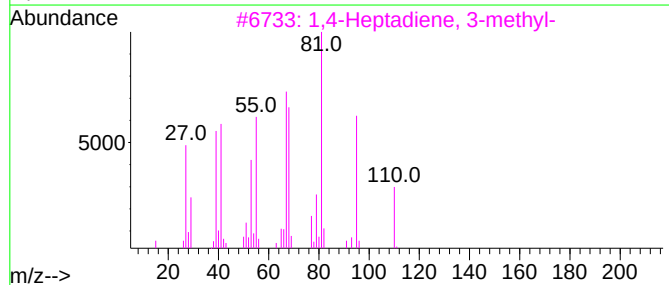
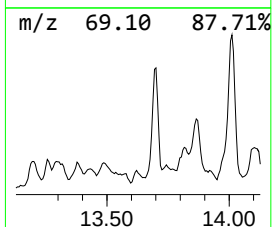
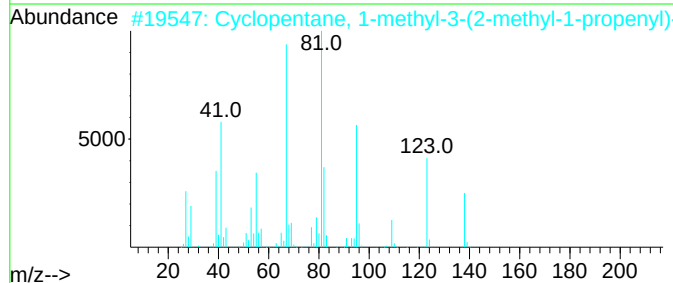
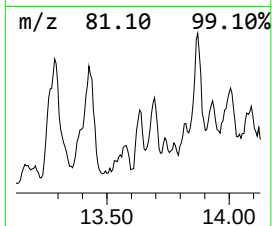
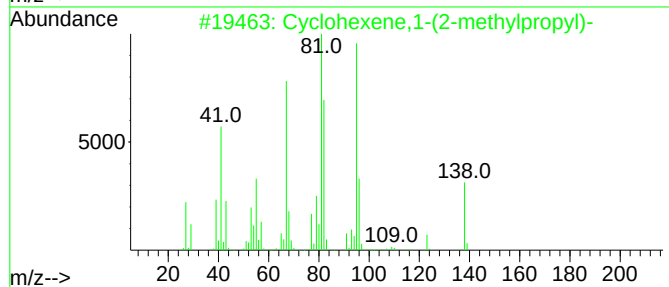
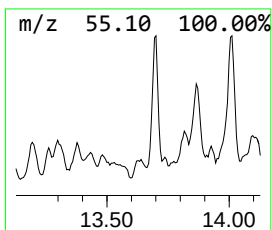
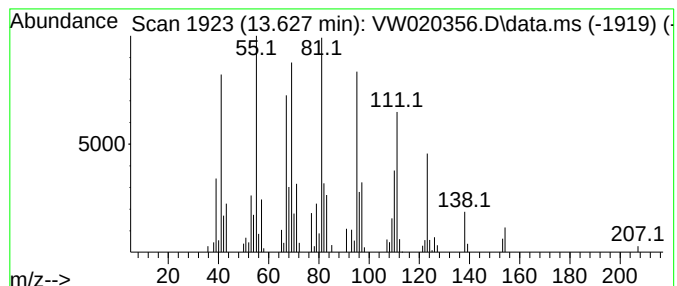
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Quant Title : SFAM01.0

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

Peak Number 13 Cyclohexene,1-(2-methylprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	2.23 ug/L	54381	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	50
2			Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	45
3			1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	43
4			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	43
5			Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

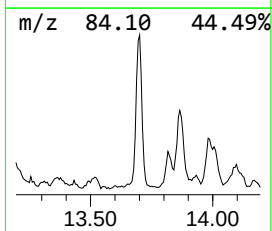
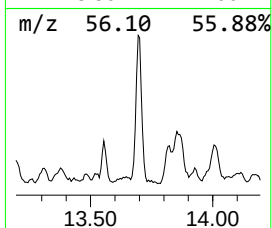
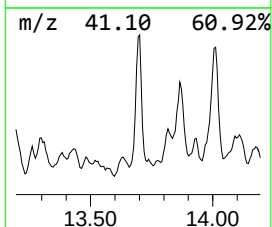
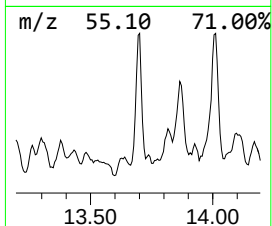
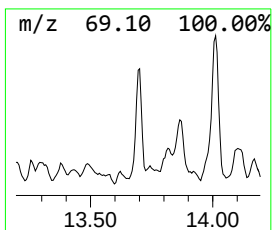
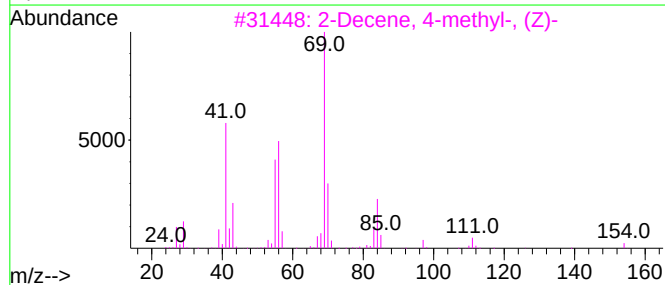
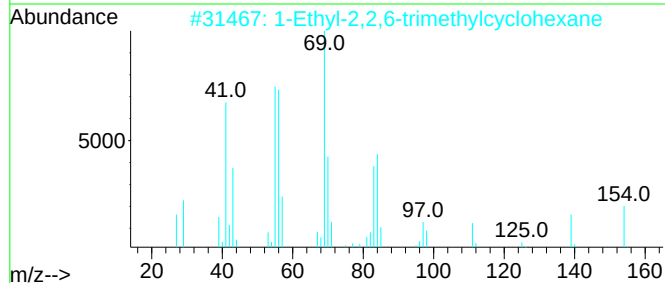
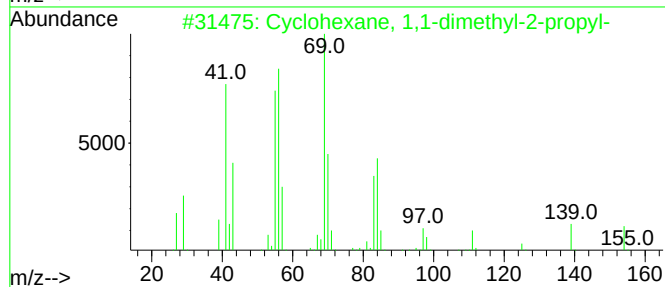
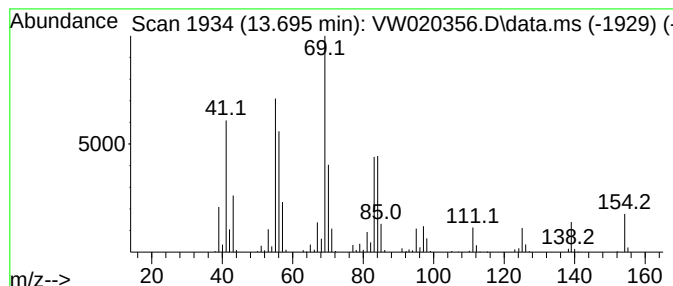
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.695 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.695	9.52 ug/L	232601	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	94
2		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	94
3		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	64
4		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	58
5		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

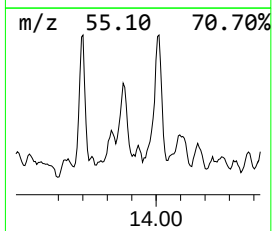
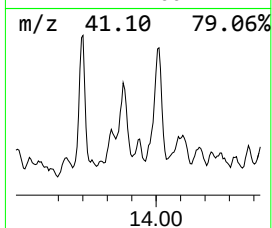
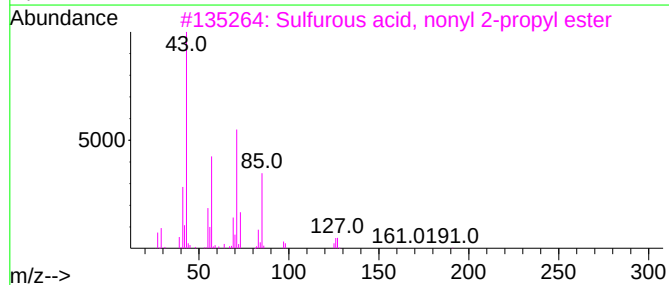
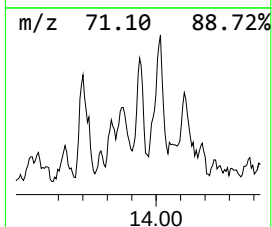
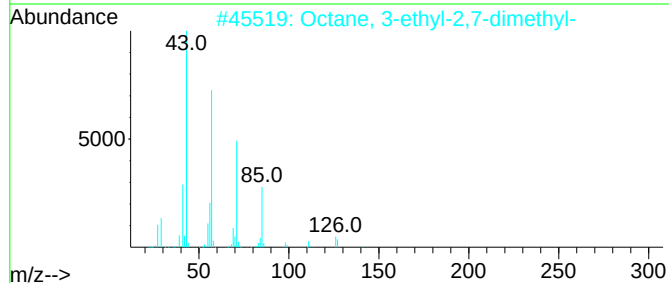
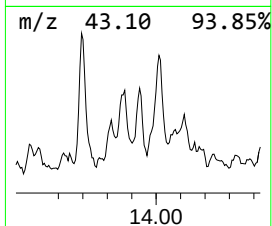
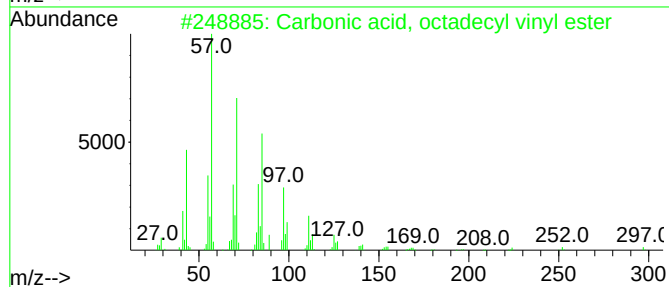
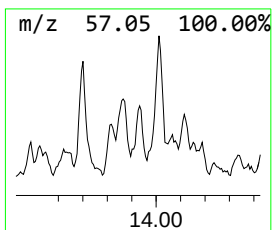
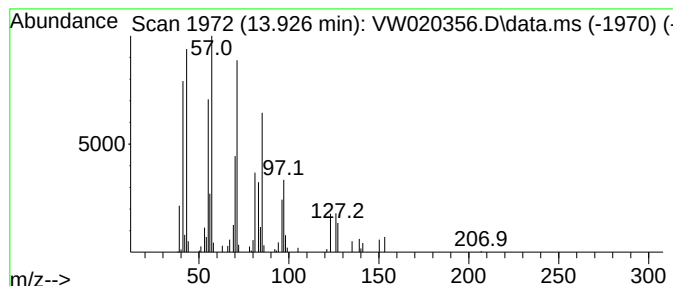
Instrument :
MSVOA_W
ClientSampleId :
EW922

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 Carbonic acid, octadecyl vi... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.926	1.28 ug/L	31237	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl vinyl e...		340	C21H40O3	1000382-54-4	59
2	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	47
3	Sulfurous acid, nonyl 2-propyl e...		250	C12H26O3S	1000309-12-0	47
4	Decane, 3-methyl-		156	C11H24	013151-34-3	47
5	Decane, 2,6,7-trimethyl-		184	C13H28	062108-25-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

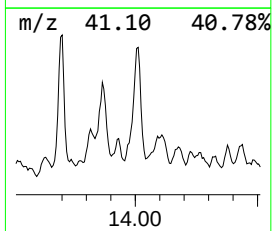
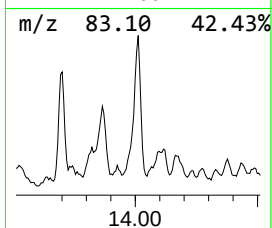
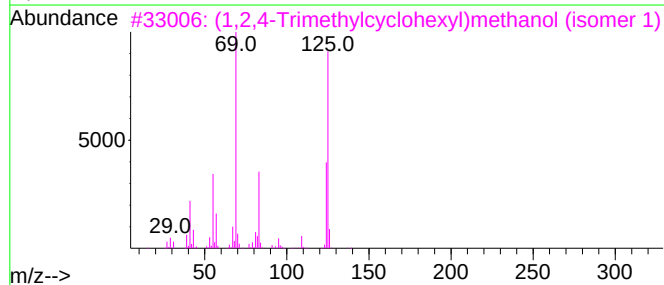
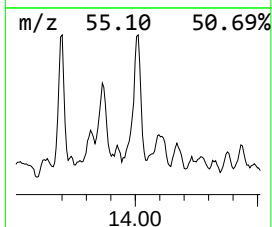
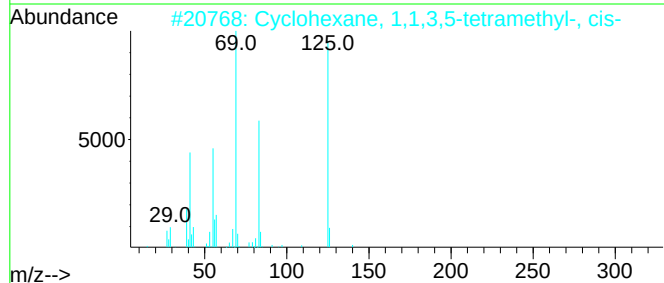
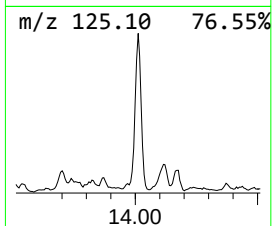
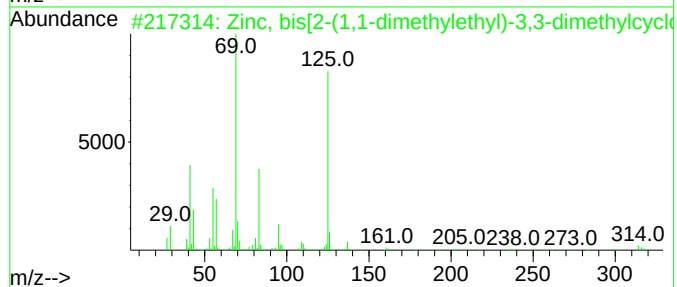
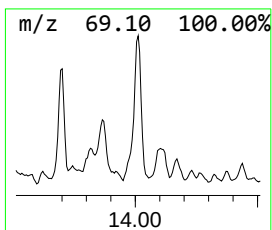
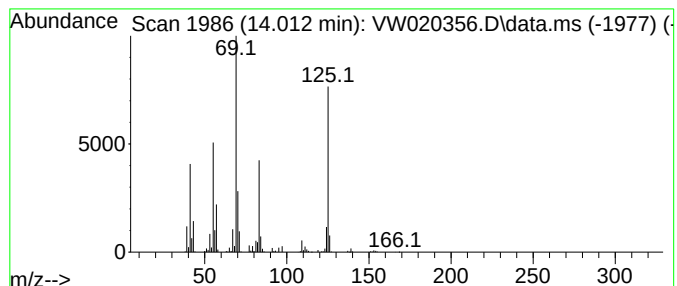
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Quant Title : SFAM01.0

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

Peak Number 16 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	11.83 ug/L	289022	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	78
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	72
3			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	56
4			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
5			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

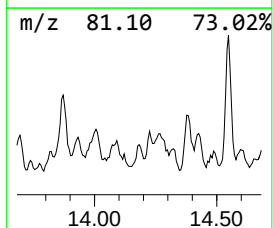
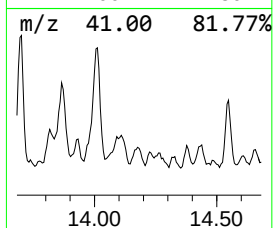
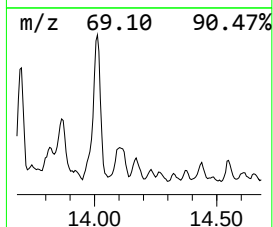
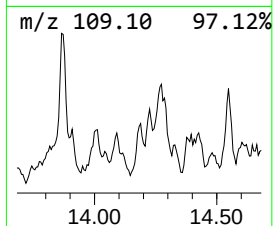
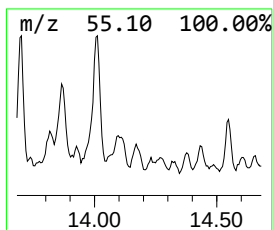
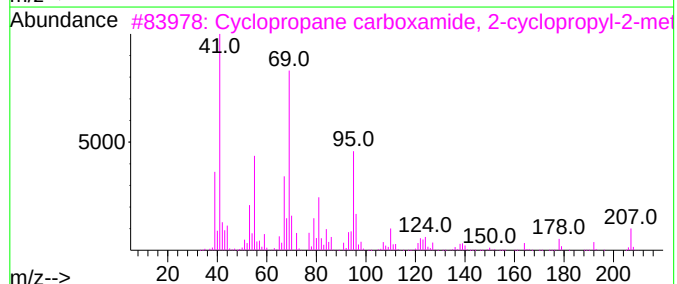
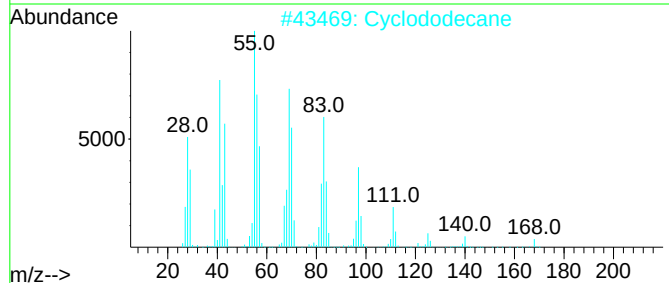
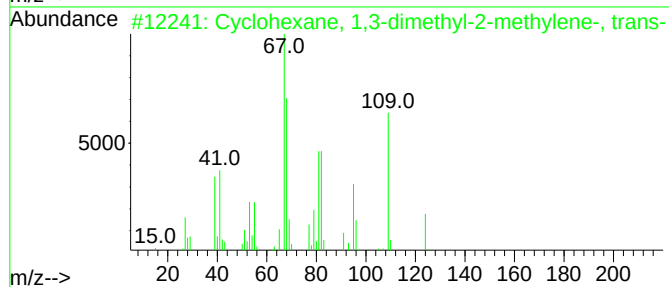
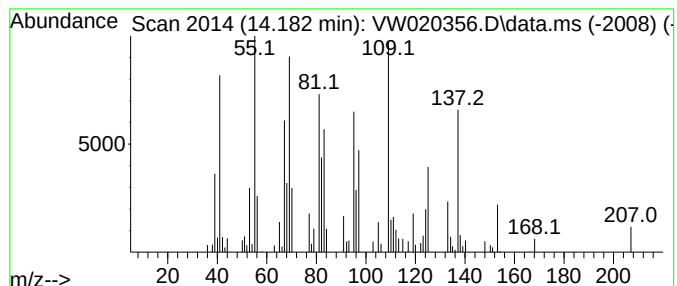
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	2.20 ug/L	53717	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	22
2			Cyclododecane	168	C12H24	000294-62-2	20
3			Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	18
4			7-Tetradecanol	214	C14H30O	003981-79-1	14
5			4,5,6,7-Tetrahydro-3-indolinone	137	C8H11NO	058074-25-2	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

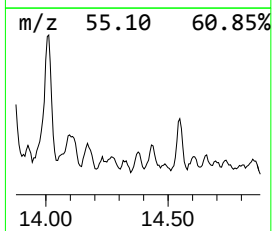
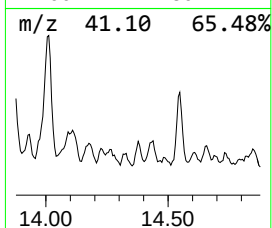
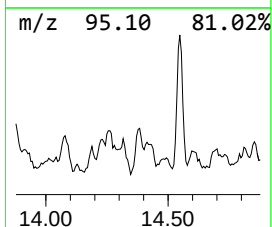
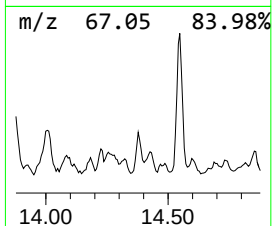
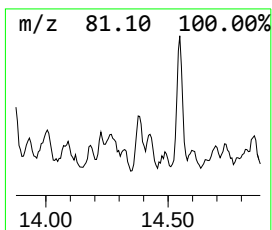
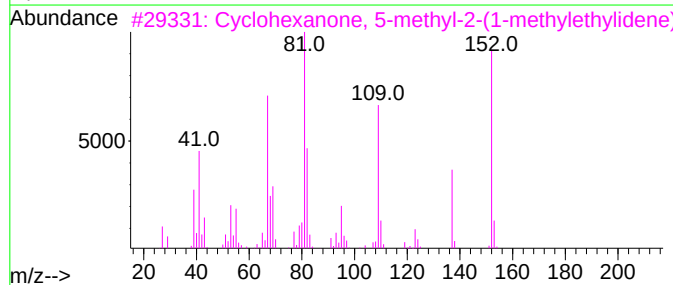
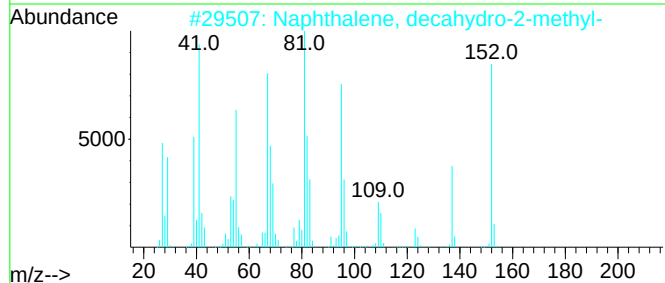
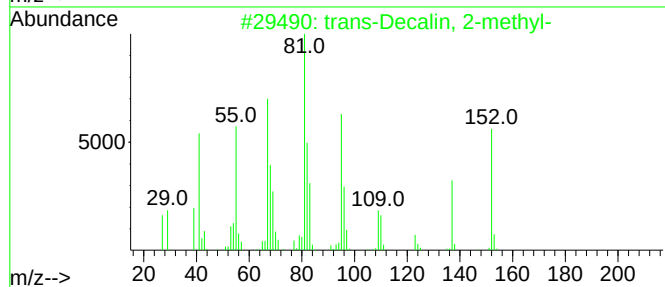
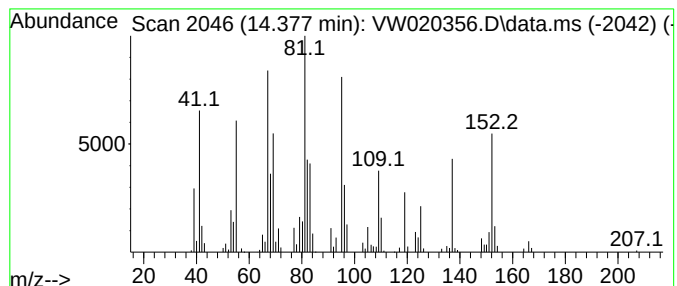
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Quant Title : SFAM01.0

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

Peak Number 18 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.377	2.29 ug/L	55921	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
4			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	55
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

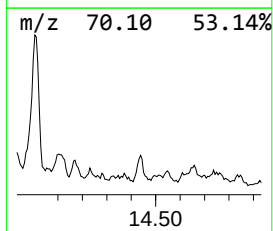
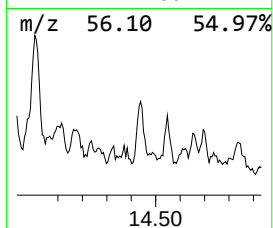
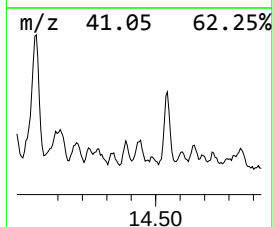
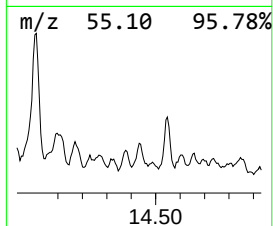
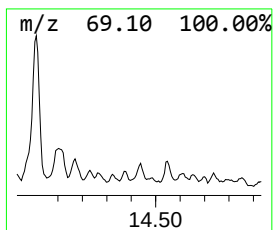
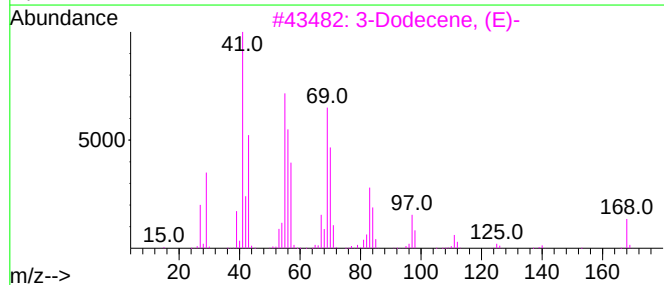
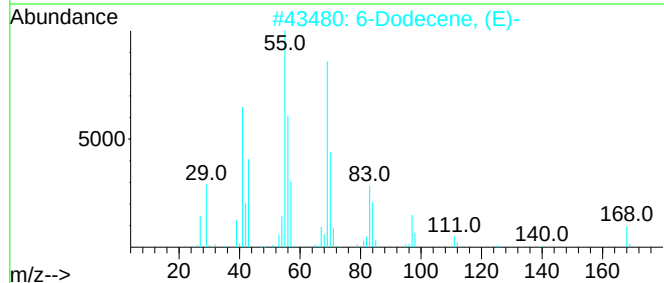
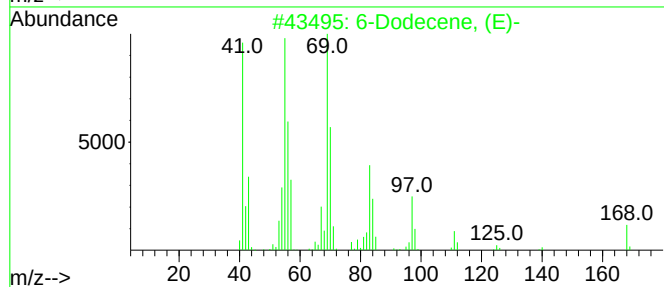
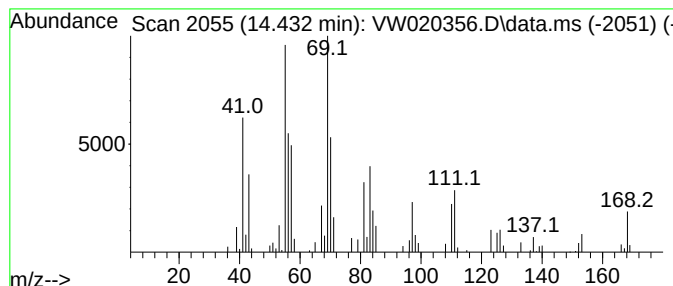
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	2.05 ug/L	50143	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-		168	C12H24	007206-17-9	83
2	6-Dodecene, (E)-		168	C12H24	007206-17-9	76
3	3-Dodecene, (E)-		168	C12H24	007206-14-6	72
4	5-Undecene, (E)-		154	C11H22	000764-97-6	72
5	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

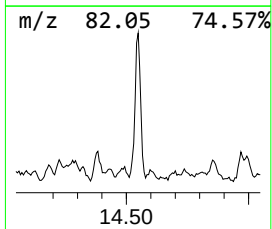
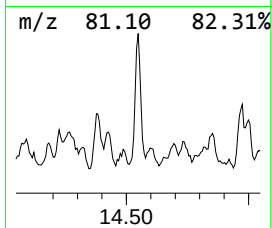
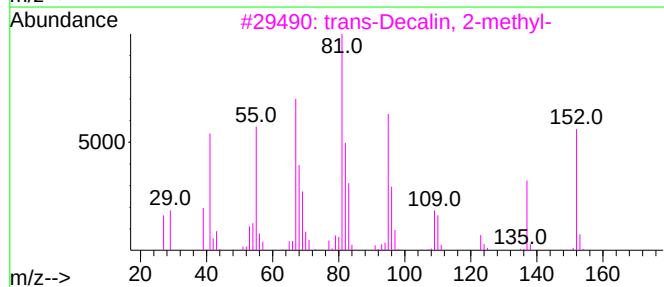
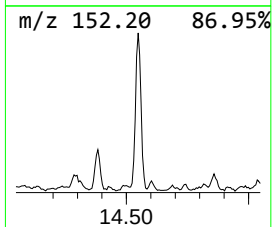
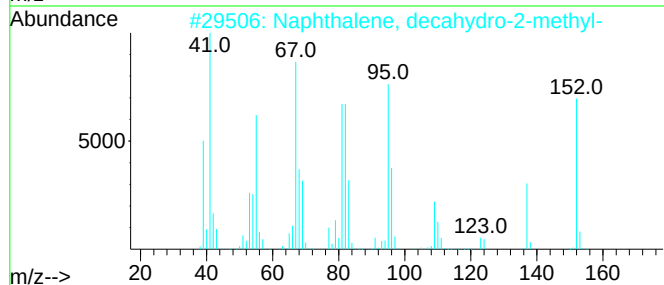
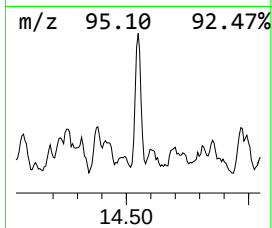
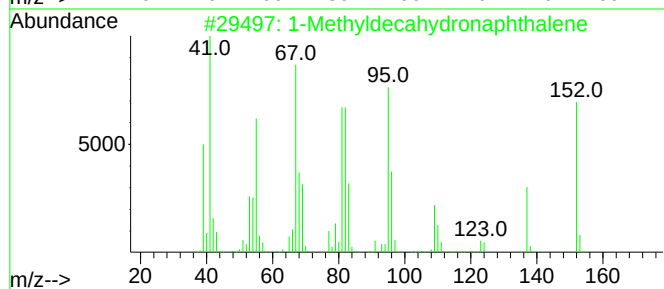
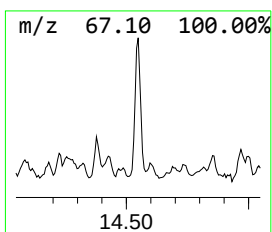
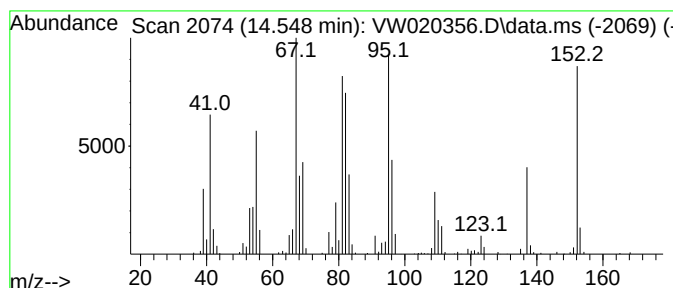
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Quant Title : SFAM01.0

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

Peak Number 20 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	6.53 ug/L	159394	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

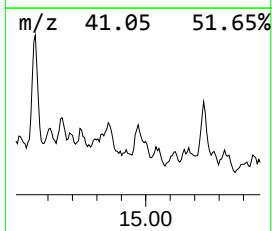
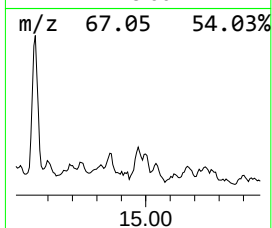
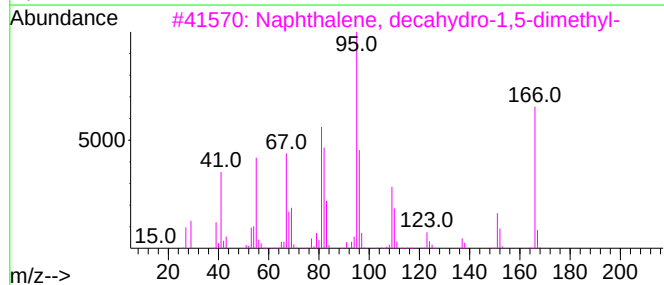
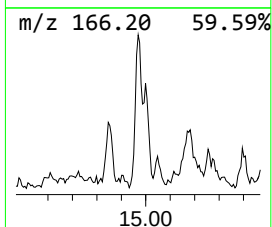
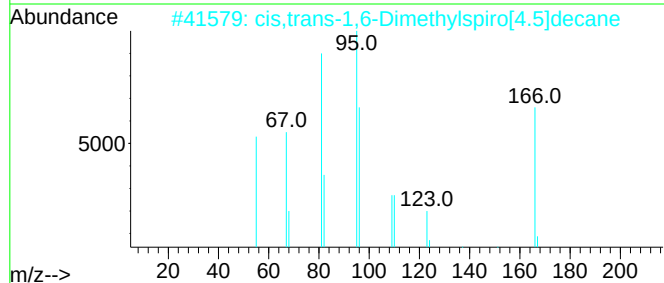
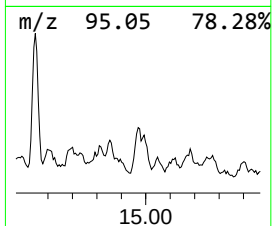
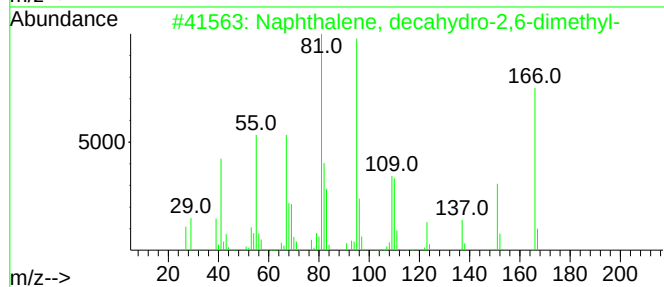
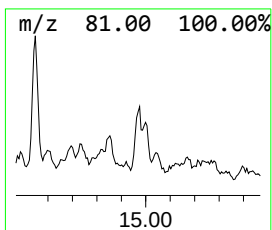
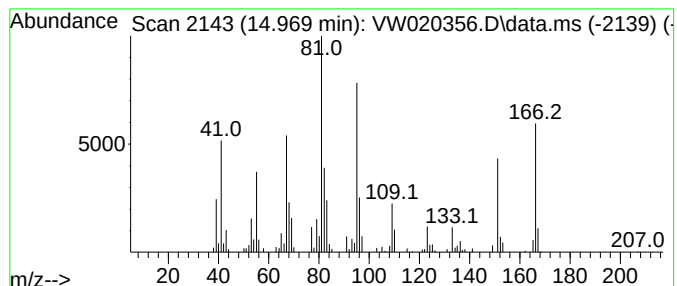
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Quant Title : SFAM01.0

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

Peak Number 21 Naphthalene, decahydro-2,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	1.87 ug/L	45741	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	93
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	74
3			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	64
4			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	49
5			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

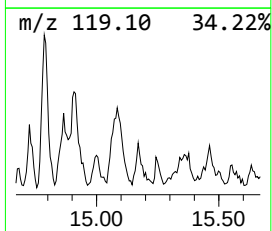
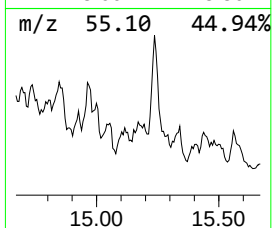
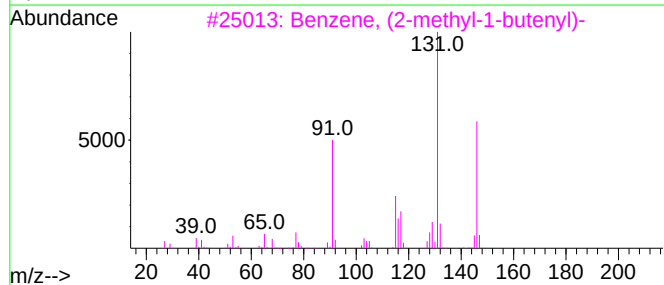
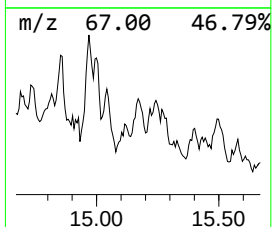
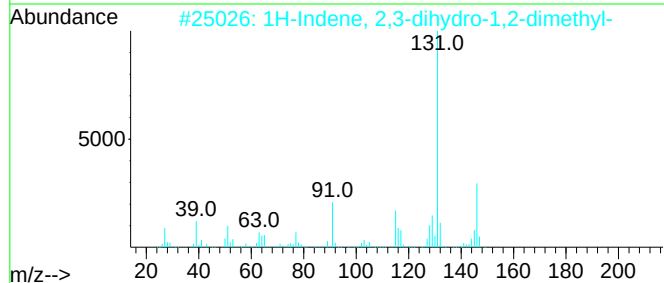
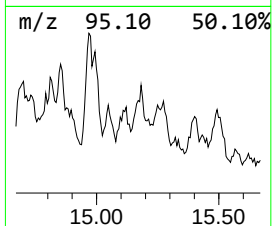
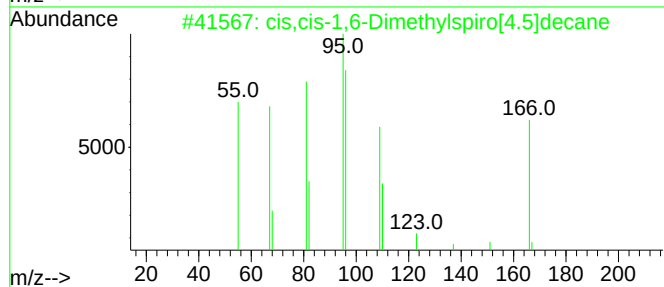
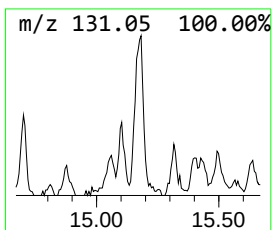
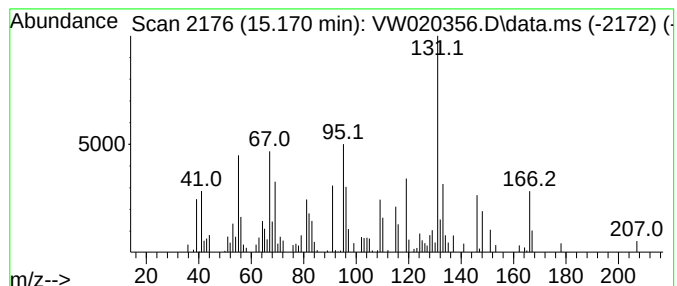
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	1.32 ug/L	32249	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	41
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	35
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	35
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

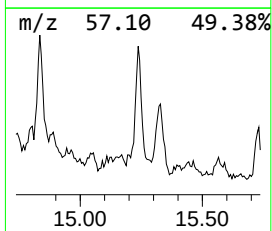
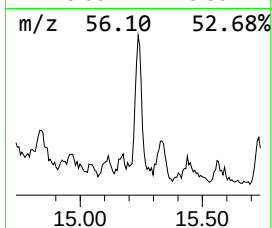
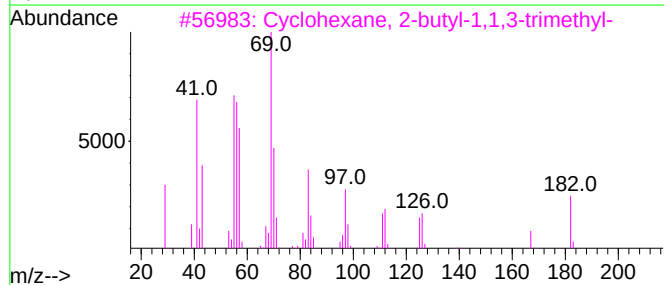
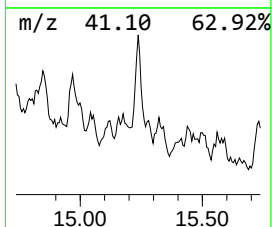
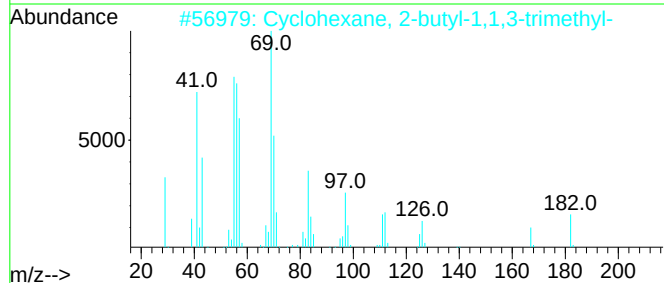
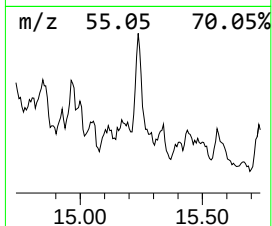
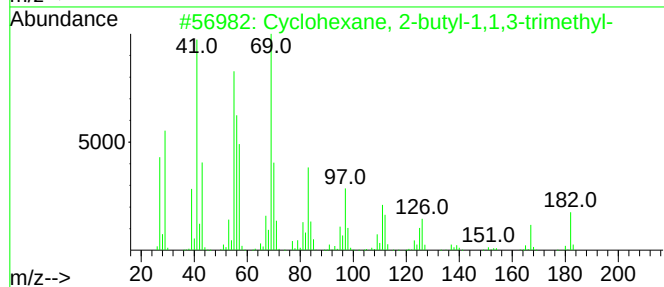
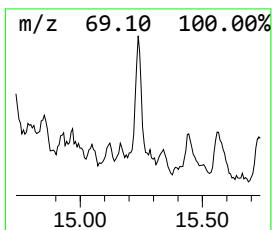
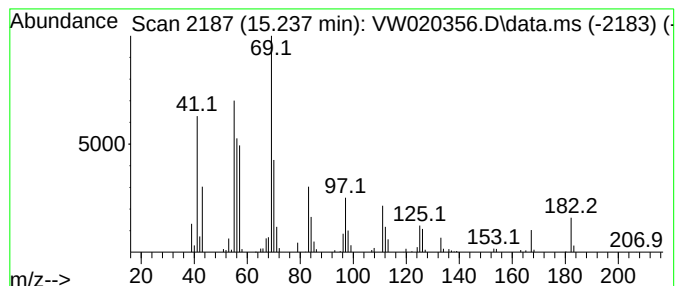
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic15.237 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.237	3.42 ug/L	83503	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	97
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53
5			2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

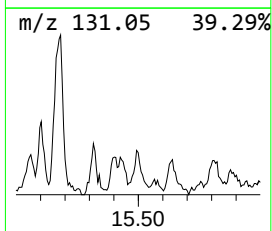
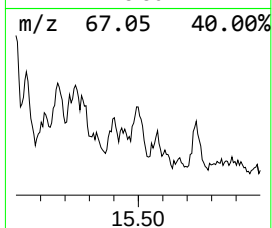
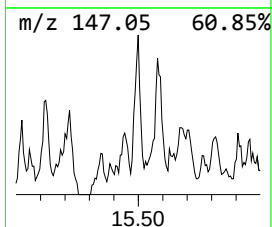
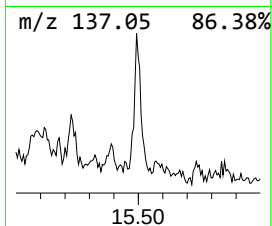
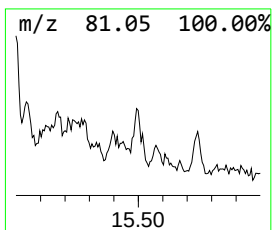
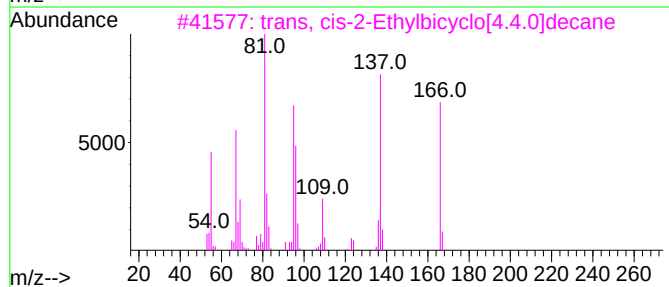
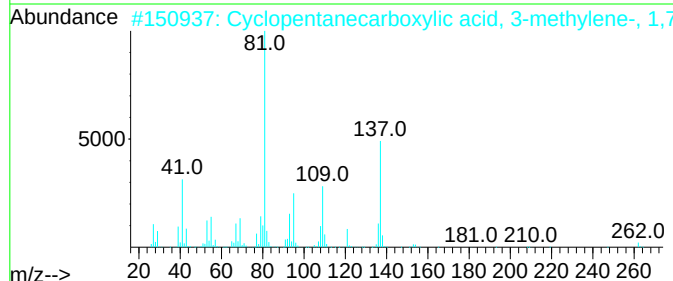
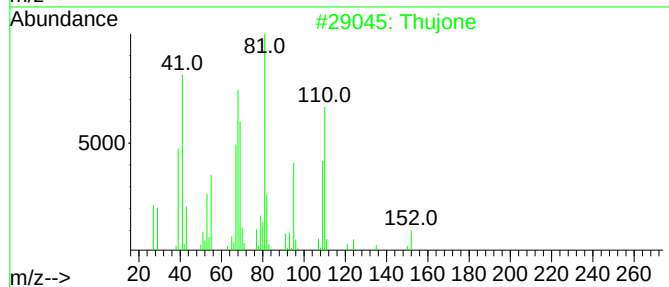
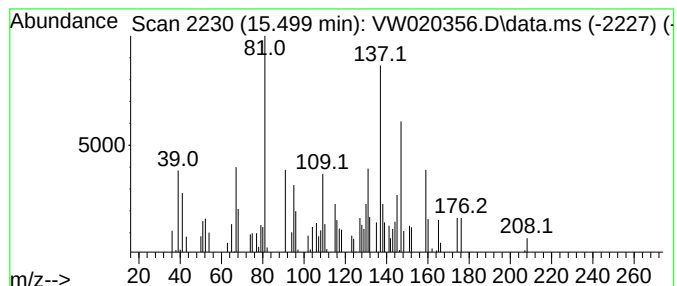
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	1.29 ug/L	31590	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thujone	152	C10H16O	000546-80-5	25
2			Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	25
3			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	25
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	14
5			1,5-Dimethyl-2-vinylcyclohexanec...	182	C11H18O2	106542-17-0	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

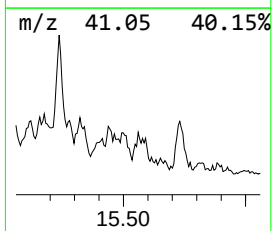
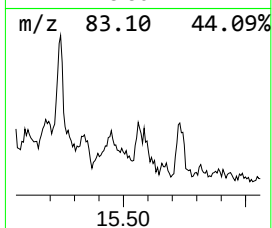
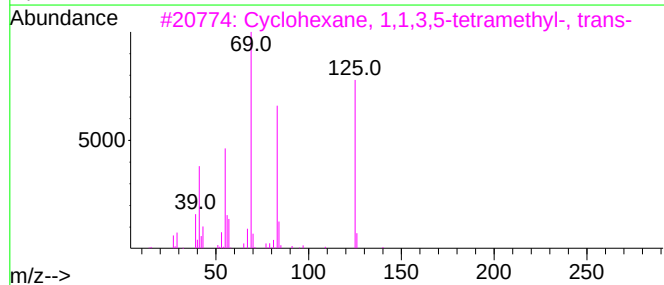
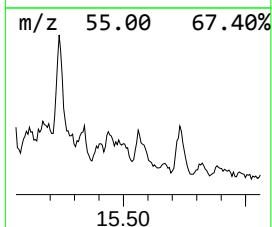
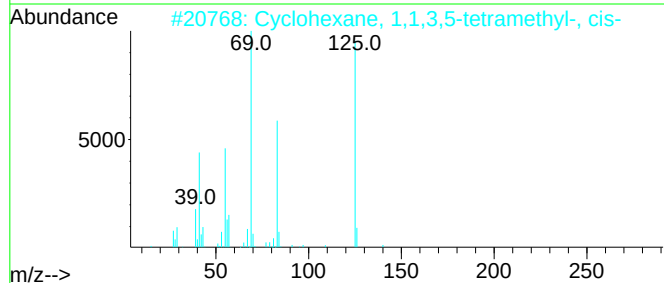
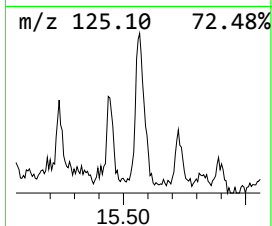
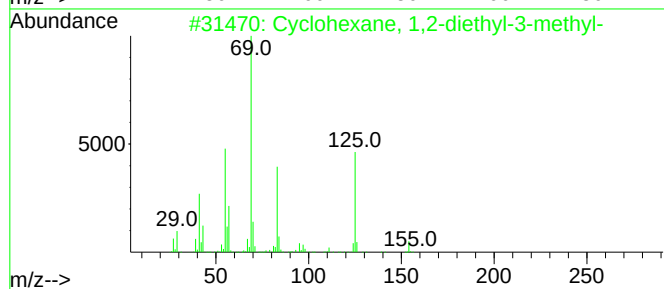
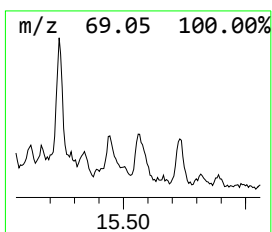
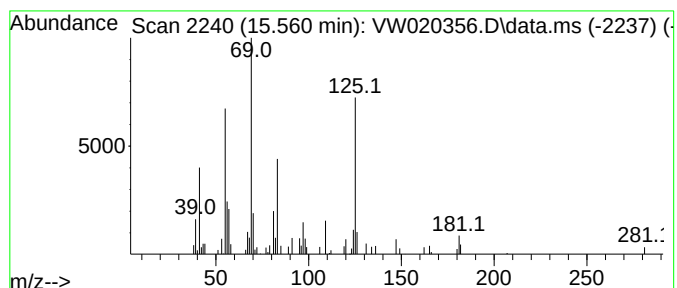
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic15.560 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.560	1.40 ug/L	34076	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	72
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	59
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	59
4		(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	53
5		Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020356.D
Acq On : 07 Oct 2021 10:52
Operator : SY/VA
Sample : M4001-09
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW922

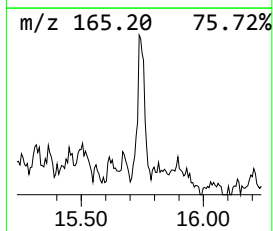
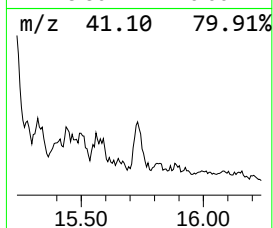
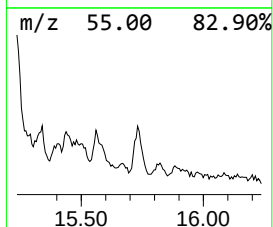
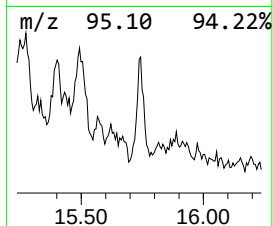
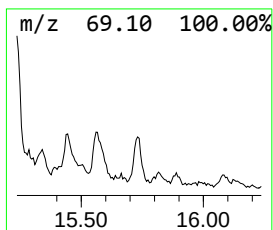
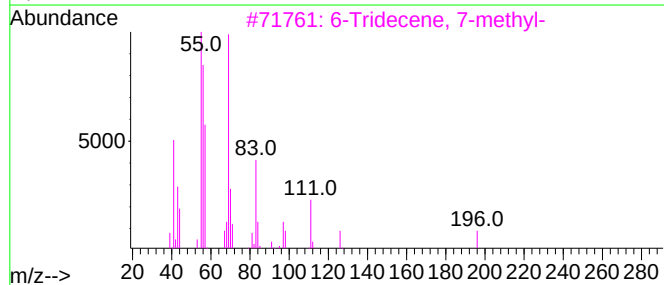
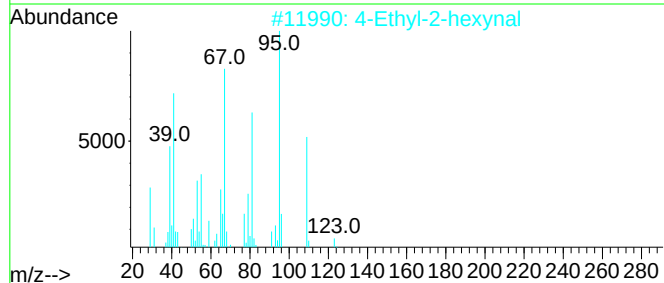
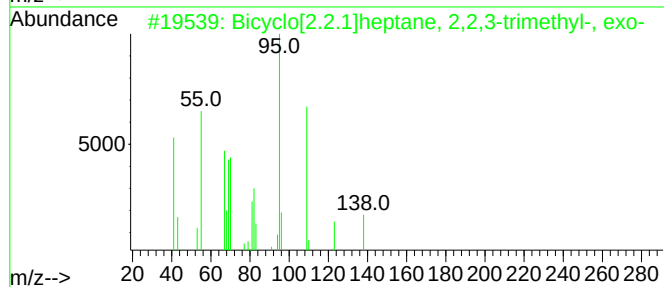
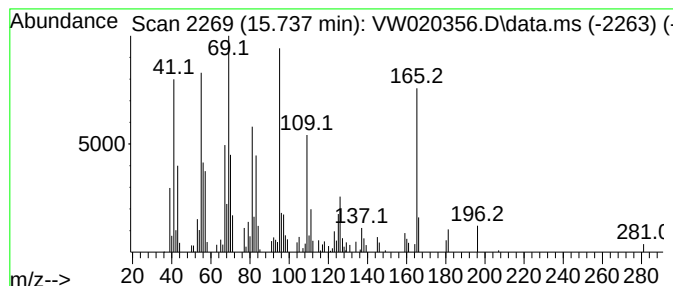
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Quant Title : SFAM01.0

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

Peak Number 26 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.737	1.97 ug/L	48021	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	60
2			4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	30
3			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	30
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25
5			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020356.D
 Acq On : 07 Oct 2021 10:52
 Operator : SY/VA
 Sample : M4001-09
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW922

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	11.975	1.3	ug/L	42470	2	11.634	815503	25.0
(1,2,4-Trimethy...	12.128	1.8	ug/L	60092	2	11.634	815503	25.0
(DEL) Alkane: S...	12.366	5.7	ug/L	186134	2	11.634	815503	25.0
(DEL) Alkane: C...	12.451	1.8	ug/L	58421	2	11.634	815503	25.0
(DEL) Alkane: S...	12.780	15.6	ug/L	379994	3	13.560	610604	25.0
unknown-01	12.865	3.9	ug/L	95787	3	13.560	610604	25.0
(DEL) Alkane: C...	12.957	9.6	ug/L	234174	3	13.560	610604	25.0
(DEL) Alkane: C...	13.079	3.2	ug/L	77496	3	13.560	610604	25.0
(DEL) Alkane: C...	13.195	4.3	ug/L	106306	3	13.560	610604	25.0
unknown-02	13.262	2.8	ug/L	68026	3	13.560	610604	25.0
(DEL) Alkane: S...	13.298	2.9	ug/L	70937	3	13.560	610604	25.0
Cyclohexene,1-(...	13.627	2.2	ug/L	54381	3	13.560	610604	25.0
(DEL) Alkane: C...	13.695	9.5	ug/L	232601	3	13.560	610604	25.0
Carbonic acid, ...	13.926	1.3	ug/L	31237	3	13.560	610604	25.0
Zinc, bis[2-(1,...	14.012	11.8	ug/L	289022	3	13.560	610604	25.0
unknown-03	14.182	2.2	ug/L	53717	3	13.560	610604	25.0
trans-Decalin, ...	14.377	2.3	ug/L	55921	3	13.560	610604	25.0
(DEL) Alkane: S...	14.432	2.0	ug/L	50143	3	13.560	610604	25.0
1-Methyldecahyd...	14.548	6.5	ug/L	159394	3	13.560	610604	25.0
Naphthalene, de...	14.969	1.9	ug/L	45741	3	13.560	610604	25.0
unknown-04	15.170	1.3	ug/L	32249	3	13.560	610604	25.0
(DEL) Alkane: C...	15.237	3.4	ug/L	83503	3	13.560	610604	25.0
unknown-05	15.499	1.3	ug/L	31590	3	13.560	610604	25.0
(DEL) Alkane: C...	15.560	1.4	ug/L	34076	3	13.560	610604	25.0
Bicyclo[2.2.1]h...	15.737	2.0	ug/L	48021	3	13.560	610604	25.0