

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077175.D
 Acq On : 21 Sep 2023 12:43
 Operator : JC/SY
 Sample : 04527-02
 Misc : 5.70G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EYZG9

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_D\Method\SFAMDLM090123SMA.M
 Title : SFAM01.0

Signal : TIC: VD077175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	12	24	32	rVV	74189	137685	5.12%	0.561%
2	1.799	35	36	39	rVB	1330	1262	0.05%	0.005%
3	1.887	47	51	56	rVV2	9594	13466	0.50%	0.055%
4	2.070	79	82	84	rBV2	936	1333	0.05%	0.005%
5	2.111	84	89	92	rVB2	4205	5545	0.21%	0.023%
6	2.275	109	117	126	rBV	178841	270728	10.06%	1.103%
7	2.375	131	134	138	rVV4	4406	6631	0.25%	0.027%
8	2.423	138	142	145	rVB3	2453	3612	0.13%	0.015%
9	2.493	151	154	157	rBV3	3391	3433	0.13%	0.014%
10	2.523	157	159	161	rVV	1763	1174	0.04%	0.005%
11	2.558	163	165	166	rBV	1968	1767	0.07%	0.007%
12	2.799	198	206	214	rBV	130480	242255	9.01%	0.987%
13	2.858	214	216	218	rVV3	2109	1390	0.05%	0.006%
14	2.875	218	219	223	rVV2	1326	1594	0.06%	0.006%
15	2.940	226	230	238	rVV6	7552	16963	0.63%	0.069%
16	3.093	252	256	261	rVB2	2888	5793	0.22%	0.024%
17	3.293	286	290	291	rBV2	5599	6607	0.25%	0.027%
18	3.487	319	323	324	rBV	1190	1267	0.05%	0.005%
19	3.499	324	325	329	rVB2	2134	1728	0.06%	0.007%
20	3.681	353	356	359	rVB3	1042	1517	0.06%	0.006%
21	3.917	384	396	406	rBV	126968	339053	12.60%	1.382%
22	4.011	409	412	414	rBV4	2083	2675	0.10%	0.011%
23	4.269	447	456	467	rVB	18922	48973	1.82%	0.200%
24	4.799	534	546	560	rBV2	44777	150753	5.60%	0.614%
25	5.293	625	630	631	rVV3	3876	4843	0.18%	0.020%
26	5.311	631	633	640	rVB6	6140	12507	0.46%	0.051%
27	5.840	715	723	735	rVB4	10927	32597	1.21%	0.133%
28	6.105	762	768	769	rBV3	3116	4605	0.17%	0.019%
29	6.981	908	917	924	rBV2	27955	79040	2.94%	0.322%
30	7.075	924	933	945	rVV2	136322	374041	13.90%	1.524%
31	7.569	1004	1017	1032	rBV2	153969	457938	17.02%	1.866%
32	7.787	1050	1054	1056	rBV	1387	1975	0.07%	0.008%
33	7.852	1059	1065	1073	rBV5	4103	9973	0.37%	0.041%
34	7.963	1082	1084	1087	rVB4	1314	1393	0.05%	0.006%
35	8.087	1096	1105	1113	rVB5	7607	17665	0.66%	0.072%
36	8.205	1113	1125	1142	rBV3	333489	1034558	38.46%	4.216%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Title : SFAM01.0

37	8.358	1147	1151	1155	rVB3	3074	4707	0.17%	0.019%
38	8.446	1160	1166	1170	rVB4	1748	3146	0.12%	0.013%
39	8.505	1172	1176	1178	rBV3	1742	2520	0.09%	0.010%
40	8.634	1191	1198	1204	rBV5	12029	26124	0.97%	0.106%
41	8.775	1213	1222	1232	rBV	302239	612904	22.78%	2.498%
42	9.010	1254	1262	1273	rBV2	163227	367176	13.65%	1.496%
43	9.210	1284	1296	1304	rBV	230303	493587	18.35%	2.011%
44	9.328	1312	1316	1321	rVB4	4064	6335	0.24%	0.026%
45	9.446	1334	1336	1340	rBV2	1925	3062	0.11%	0.012%
46	9.552	1346	1354	1358	rBV5	4711	10514	0.39%	0.043%
47	9.599	1358	1362	1367	rVB5	3570	5780	0.21%	0.024%
48	9.693	1373	1378	1386	rBV4	9433	18327	0.68%	0.075%
49	9.763	1386	1390	1393	rBV2	1257	1683	0.06%	0.007%
50	9.840	1393	1403	1408	rBV6	6232	12448	0.46%	0.051%
51	9.905	1408	1414	1418	rVV5	16701	32272	1.20%	0.132%
52	9.981	1420	1427	1433	rVV	112973	222755	8.28%	0.908%
53	10.046	1435	1438	1451	rVB6	19808	46604	1.73%	0.190%
54	10.163	1453	1458	1468	rVB6	4701	11744	0.44%	0.048%
55	10.269	1468	1476	1494	rBV	489716	949126	35.28%	3.868%
56	10.393	1494	1497	1500	rBV4	3173	4061	0.15%	0.017%
57	10.457	1500	1508	1513	rBV3	55899	94221	3.50%	0.384%
58	10.528	1513	1520	1525	rBV	76050	136415	5.07%	0.556%
59	10.569	1525	1527	1529	rVV2	8776	8755	0.33%	0.036%
60	10.616	1530	1535	1539	rVB4	22125	37621	1.40%	0.153%
61	10.663	1541	1543	1546	rBV	5709	5137	0.19%	0.021%
62	10.710	1546	1551	1555	rVV6	12002	18615	0.69%	0.076%
63	10.810	1561	1568	1574	rBV	483407	843800	31.37%	3.439%
64	10.881	1574	1580	1589	rVB2	121082	232220	8.63%	0.946%
65	10.993	1593	1599	1606	rBV3	16496	38759	1.44%	0.158%
66	11.063	1606	1611	1615	rBV4	17549	31774	1.18%	0.129%
67	11.128	1618	1622	1625	rVV	27316	39351	1.46%	0.160%
68	11.181	1625	1631	1637	rVV2	88794	165287	6.14%	0.674%
69	11.234	1637	1640	1644	rVV3	19361	25868	0.96%	0.105%
70	11.293	1644	1650	1655	rVV5	34830	69067	2.57%	0.281%
71	11.381	1655	1665	1675	rVB5	91498	258330	9.60%	1.053%
72	11.469	1675	1680	1685	rBV3	52963	86437	3.21%	0.352%
73	11.581	1692	1699	1709	rBV	464223	796402	29.60%	3.245%
74	11.681	1711	1716	1718	rBV5	12319	20455	0.76%	0.083%
75	11.716	1718	1722	1726	rVB3	32082	42656	1.59%	0.174%
76	11.804	1726	1737	1745	rBV6	178015	562295	20.90%	2.291%

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 Title : SFAM01.0

77	11.928	1754	1758	1762	rBV4	23912	47539	1.77%	0.194%
78	12.099	1779	1787	1794	rBV3	163269	424485	15.78%	1.730%
79	12.210	1803	1806	1810	rVB	84336	119581	4.45%	0.487%
80	12.293	1810	1820	1823	rBV4	161247	351902	13.08%	1.434%
81	12.616	1871	1875	1877	rBV2	52779	71186	2.65%	0.290%
82	12.651	1877	1881	1886	rVB2	129977	235951	8.77%	0.962%
83	12.740	1892	1896	1903	rVB3	213199	381954	14.20%	1.557%
84	12.822	1903	1910	1915	rBV6	147140	360028	13.38%	1.467%
85	12.893	1917	1922	1930	rBV3	615145	1132531	42.10%	4.615%
86	13.040	1944	1947	1951	rVB4	92472	121173	4.50%	0.494%
87	13.128	1958	1962	1971	rVB	321697	536176	19.93%	2.185%
88	13.410	2003	2010	2014	rBV6	219616	509195	18.93%	2.075%
89	13.451	2014	2017	2021	rVV6	158478	235244	8.74%	0.959%
90	13.516	2024	2028	2037	rVB2	532092	959139	35.65%	3.909%
91	13.593	2037	2041	2045	rBV5	132978	180147	6.70%	0.734%
92	13.840	2075	2083	2088	rBV2	1451436	2690142	100.00%	10.963%
93	14.345	2165	2169	2176	rBV5	515937	962160	35.77%	3.921%
94	14.469	2187	2190	2193	rBV3	240490	335088	12.46%	1.366%
95	14.510	2193	2197	2204	rVB2	745416	1160885	43.15%	4.731%
96	14.698	2226	2229	2235	rVB2	612912	883645	32.85%	3.601%
97	14.763	2236	2240	2246	rVV2	460912	938290	34.88%	3.824%
98	14.822	2246	2250	2256	rVB3	498797	865394	32.17%	3.527%
99	15.304	2328	2332	2340	rVB4	314277	600551	22.32%	2.447%
100	15.534	2367	2371	2380	rVB3	452794	789626	29.35%	3.218%

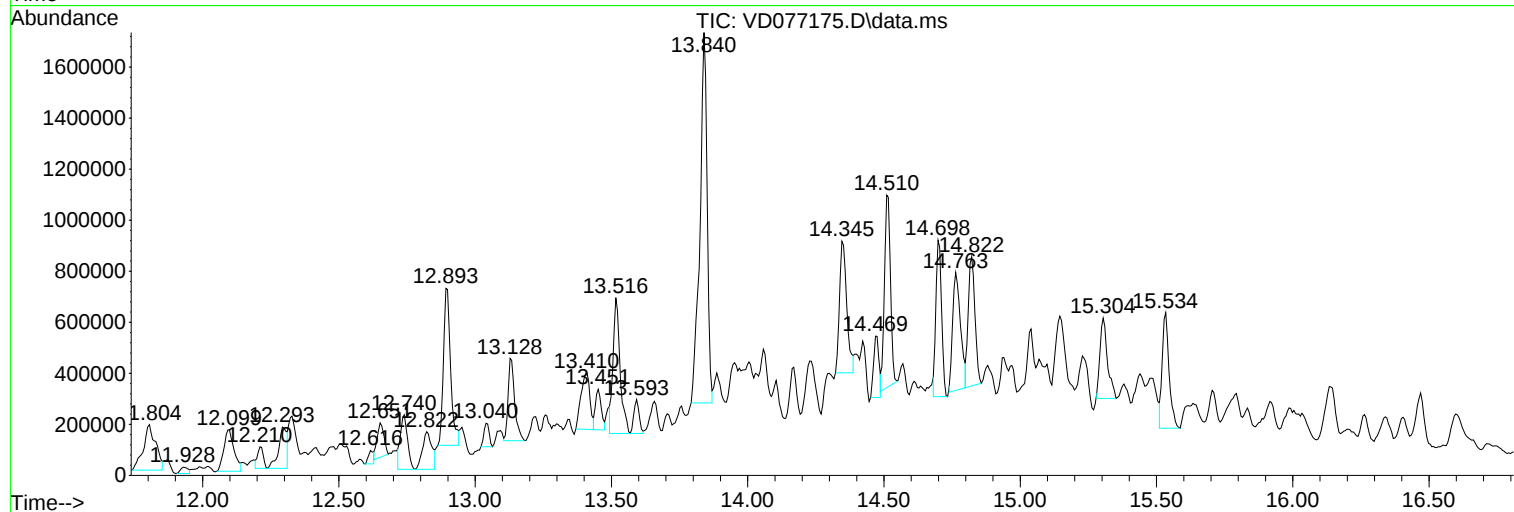
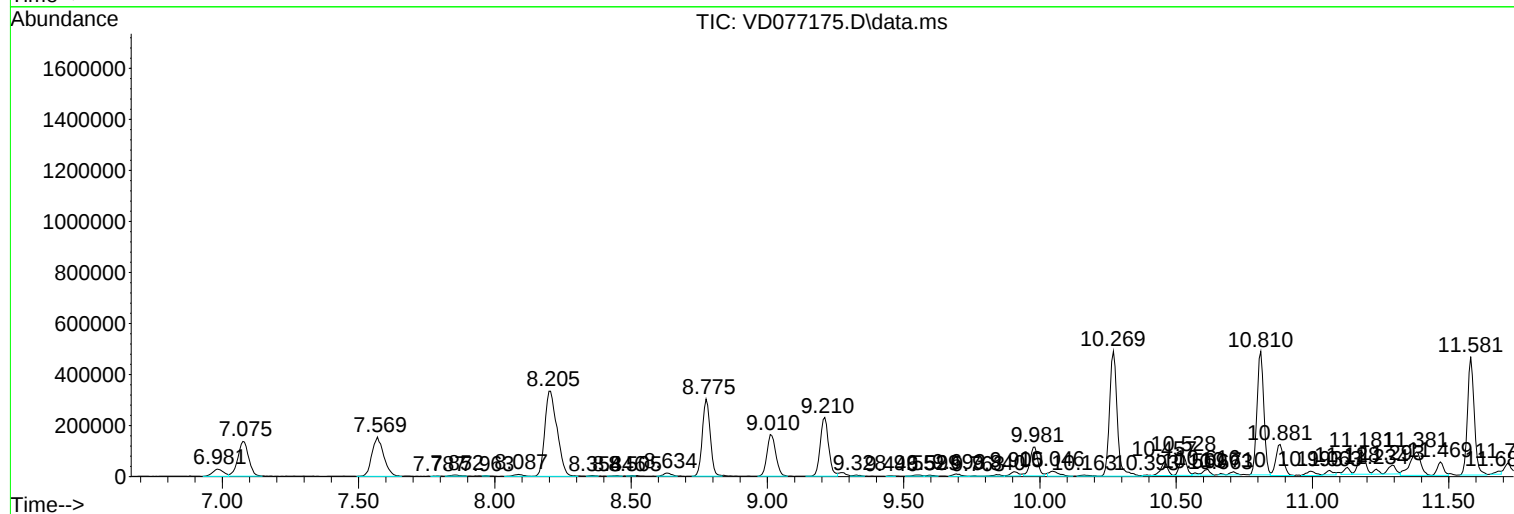
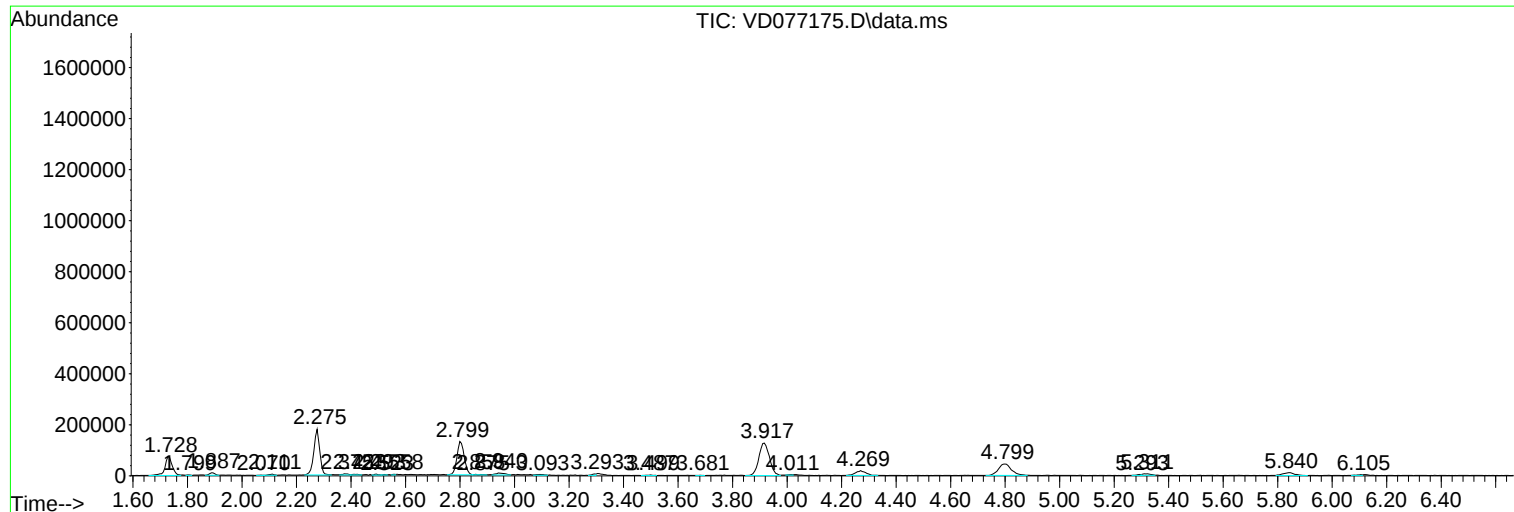
Sum of corrected areas: 24538691

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Instrument :
MSVOA_D
ClientSampleId :
EZYG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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



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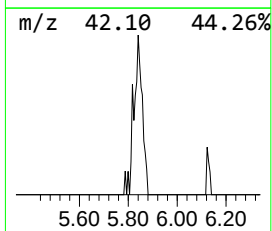
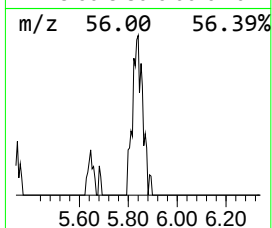
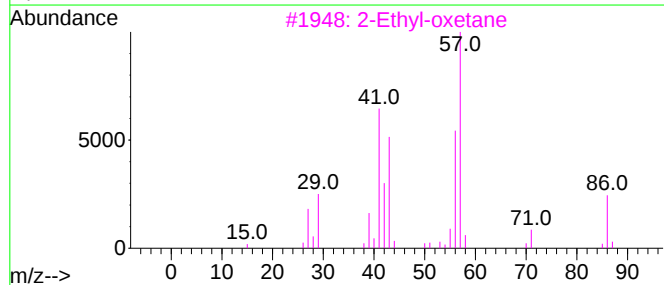
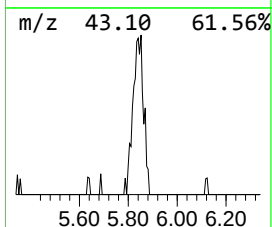
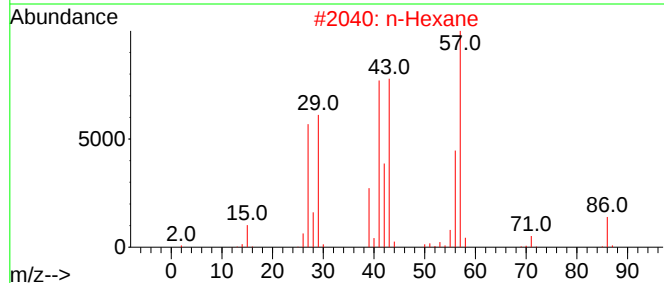
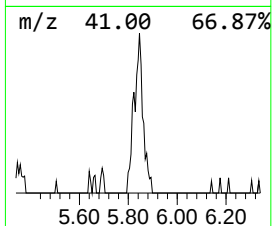
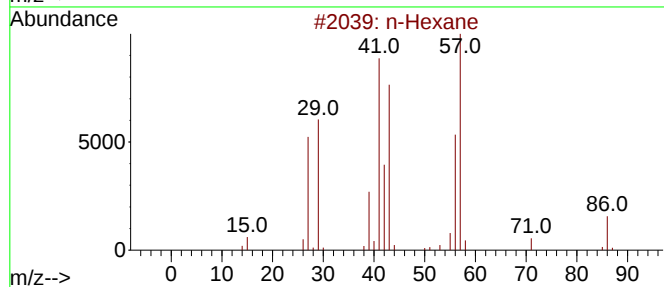
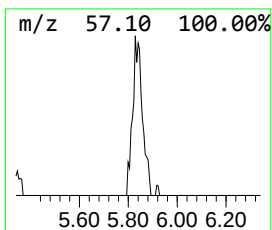
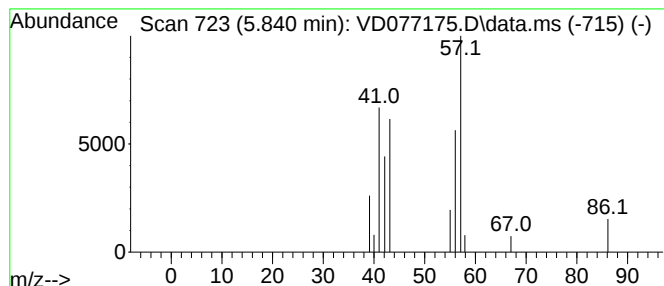
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	1.33 ug/L	32597	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	86
2	n-Hexane			86	C6H14	000110-54-3	64
3	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	64
4	n-Hexane			86	C6H14	000110-54-3	59
5	n-Hexane			86	C6H14	000110-54-3	50



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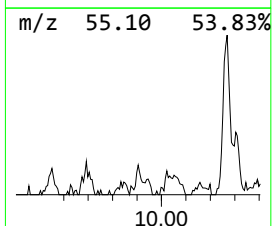
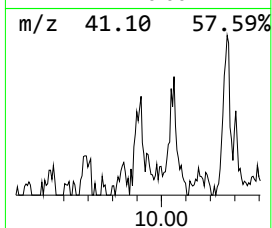
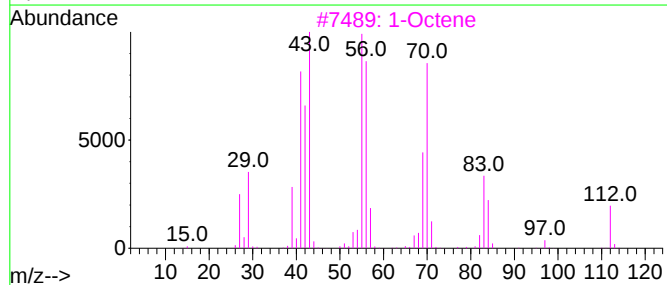
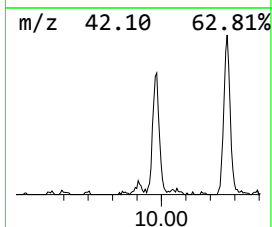
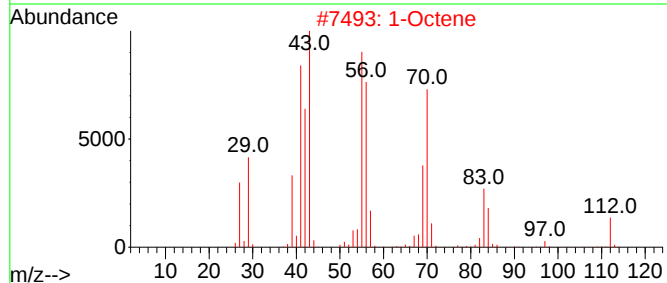
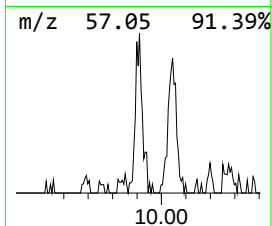
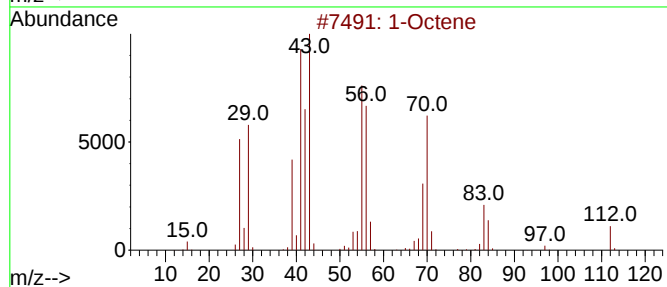
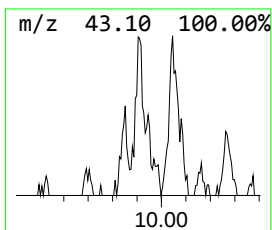
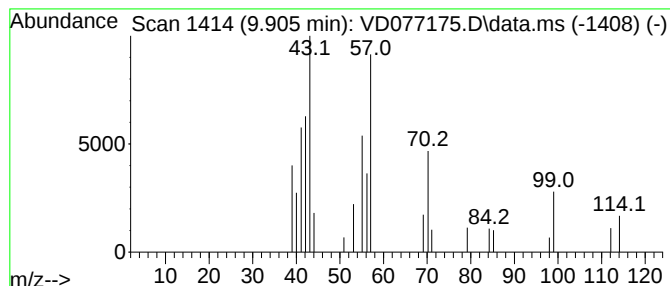
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.905	1.32 ug/L	32272	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene			112	C8H16	000111-66-0	43
2	1-Octene			112	C8H16	000111-66-0	43
3	1-Octene			112	C8H16	000111-66-0	43
4	1-Octene			112	C8H16	000111-66-0	43
5	2-Pentenoic acid, 2-methyl-			114	C6H10O2	003142-72-1	38



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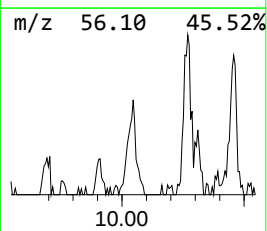
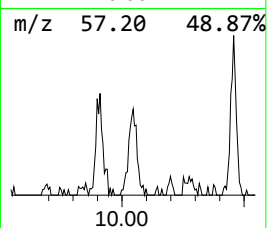
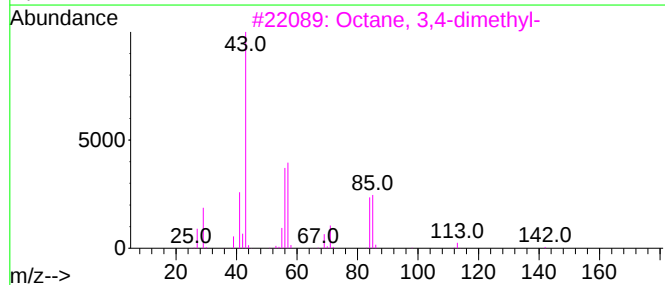
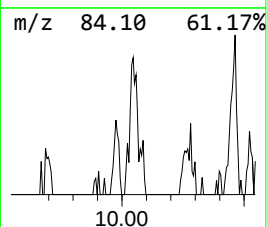
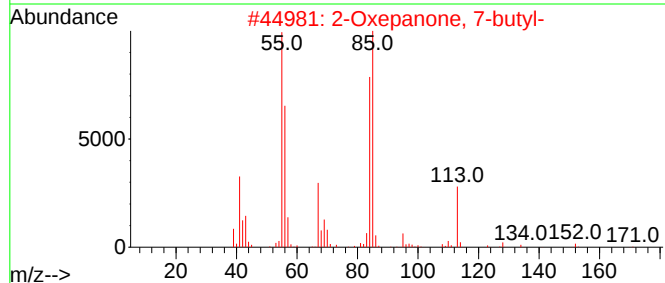
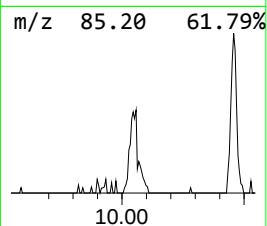
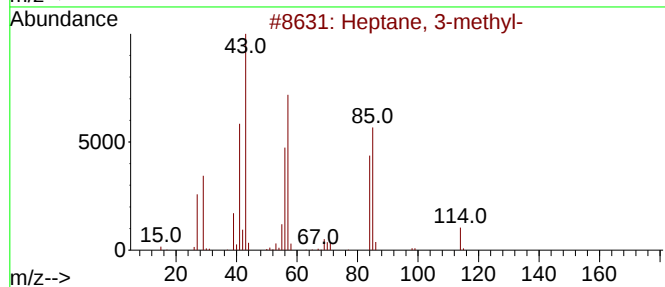
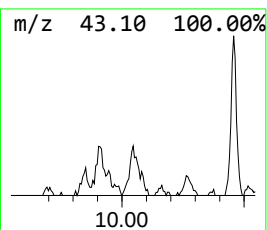
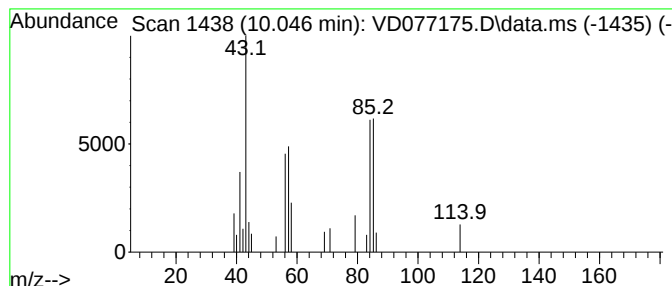
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.046	1.90 ug/L	46604	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2			2-Oxepanone, 7-butyl-	170	C10H18O2	005579-78-2	42
3			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	40
4			2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	40
5			1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

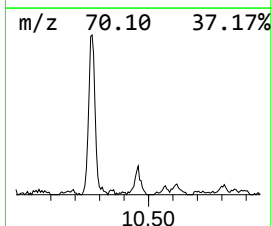
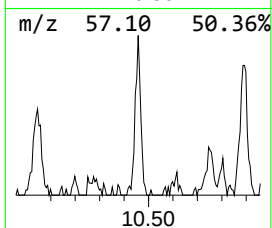
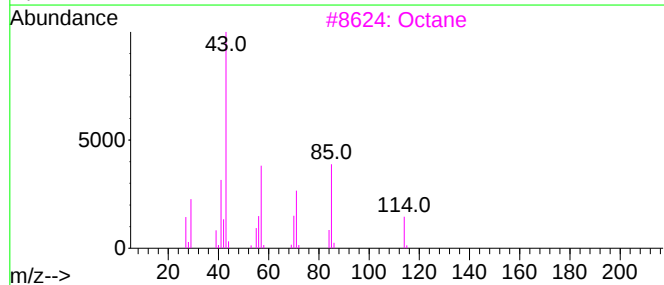
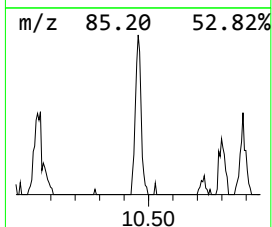
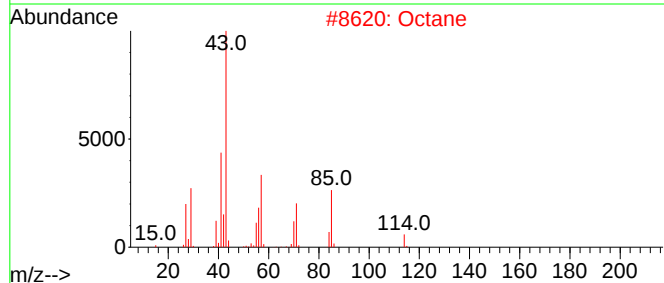
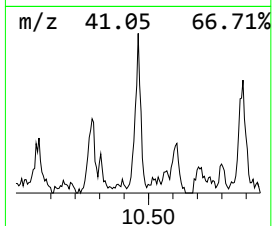
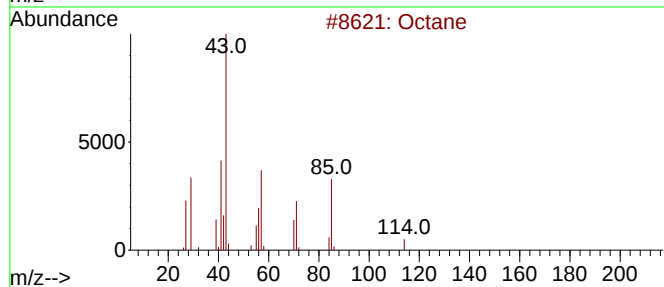
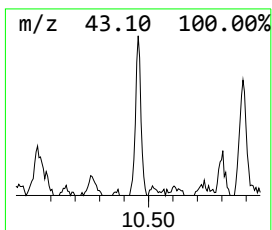
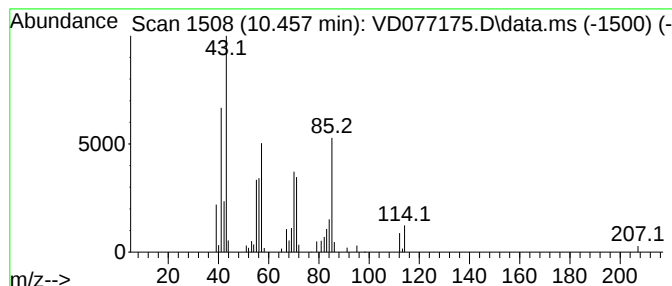
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.96 ug/L	94221	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	90
2	Octane			114	C8H18	000111-65-9	80
3	Octane			114	C8H18	000111-65-9	59
4	Octane			114	C8H18	000111-65-9	53
5	Hexane, 2,3,5-trimethyl-			128	C9H20	001069-53-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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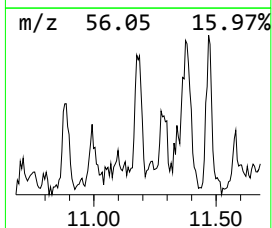
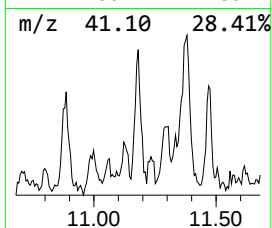
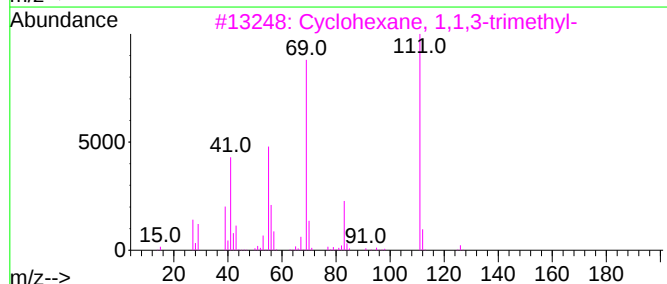
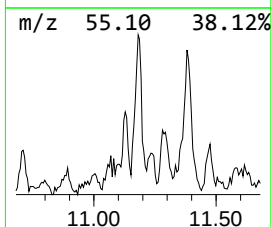
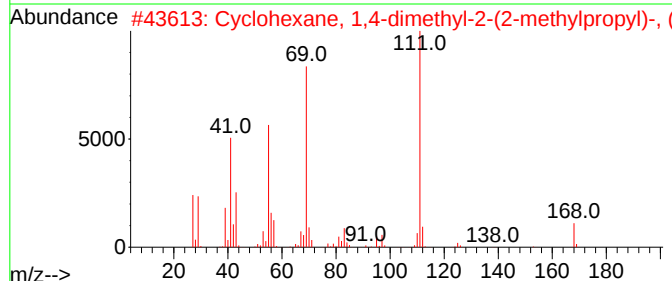
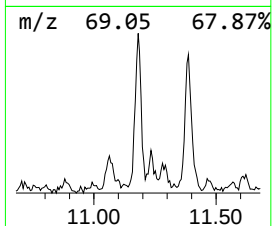
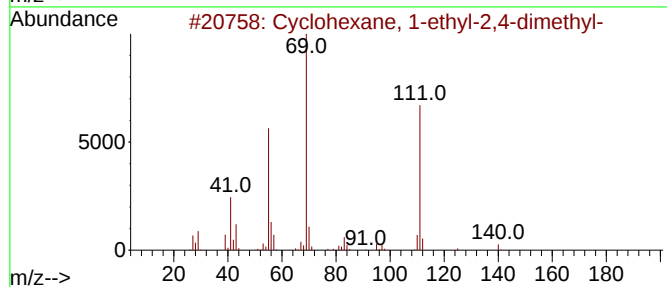
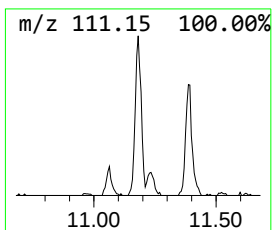
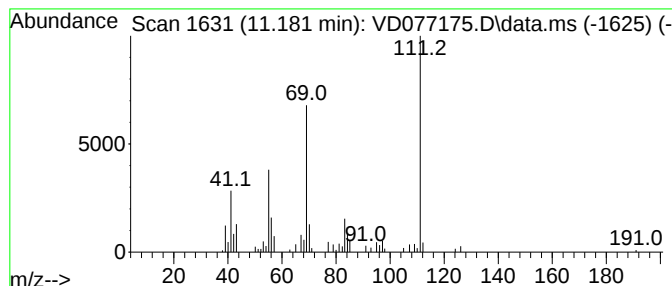
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.181 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	5.19 ug/L	165287	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	59
2			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5			Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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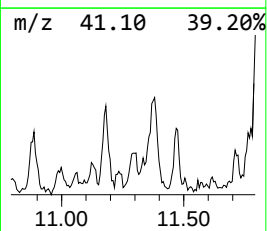
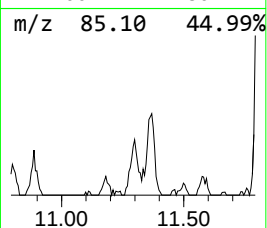
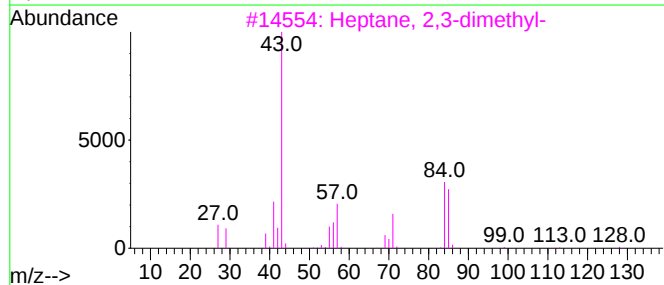
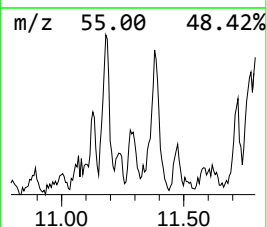
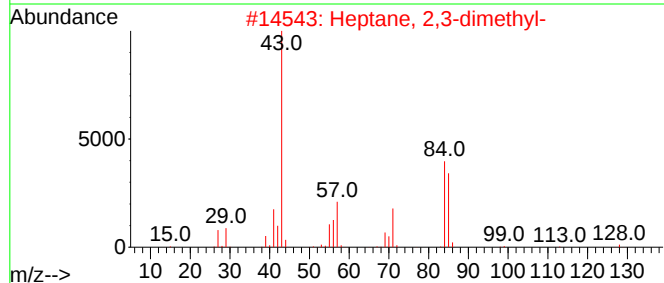
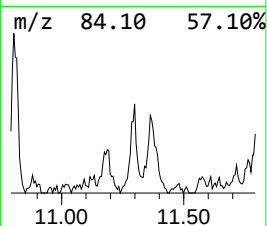
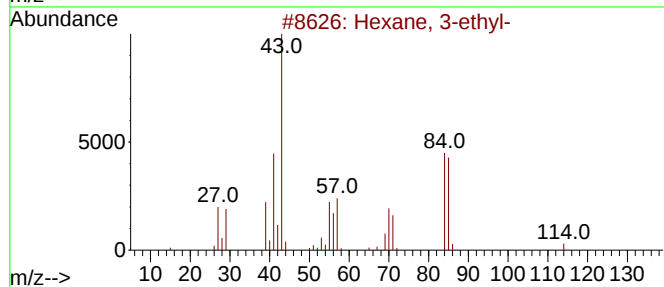
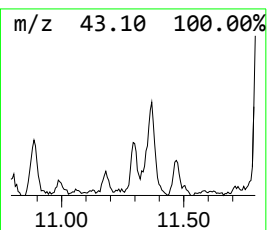
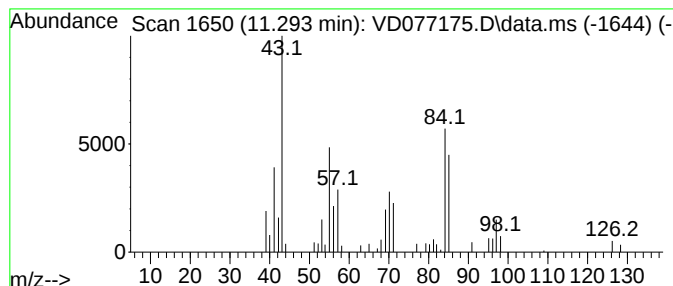
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.293	2.17 ug/L	69067	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
4			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
5			1-Octene, 4-methyl-	126	C9H18	013151-12-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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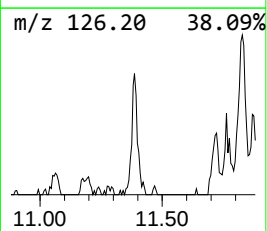
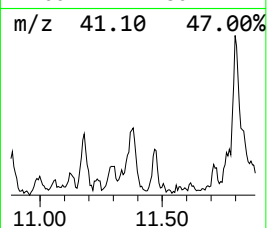
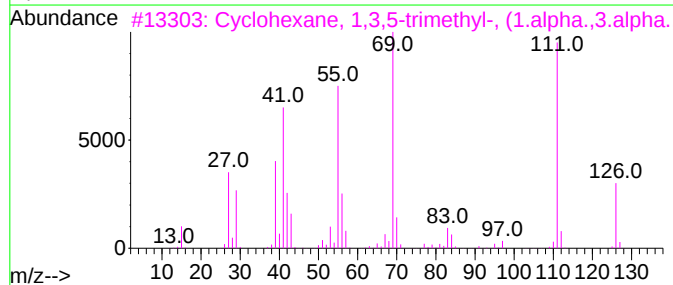
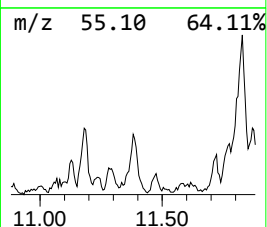
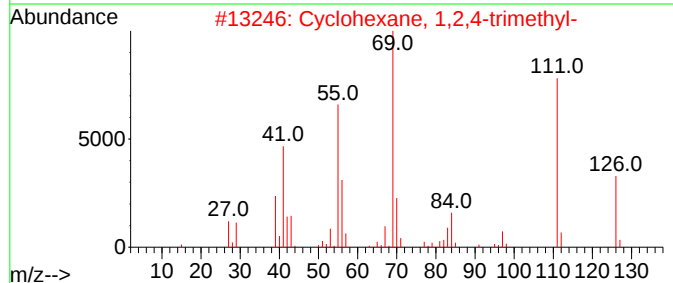
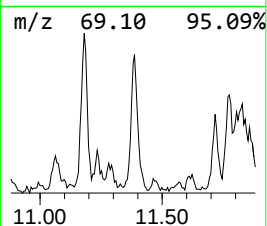
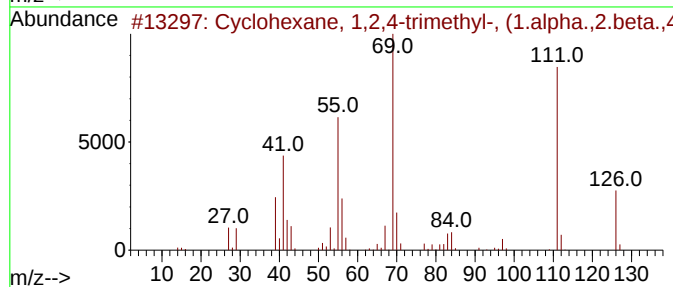
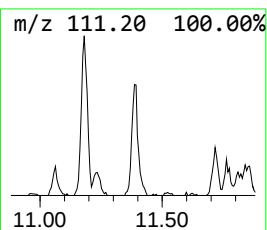
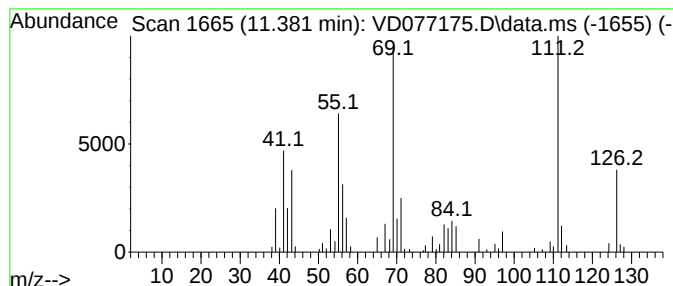
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic11.381 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.381	8.11 ug/L	258330	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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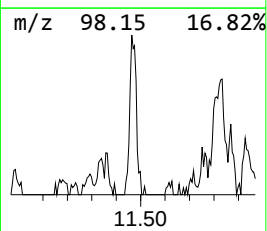
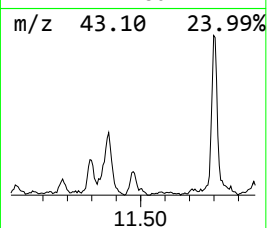
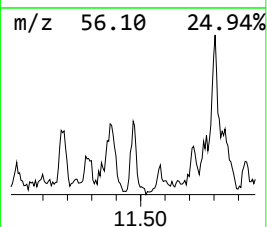
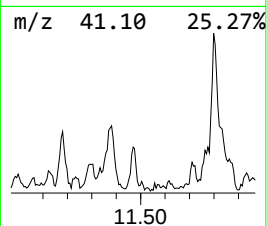
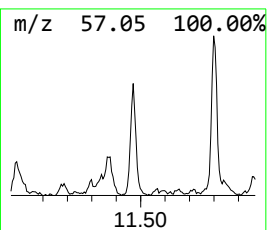
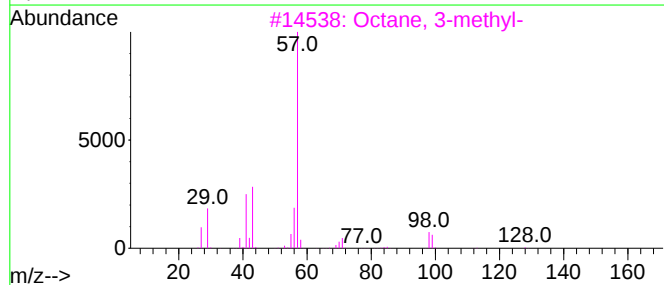
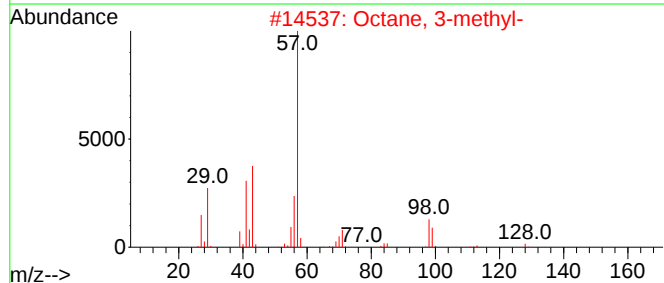
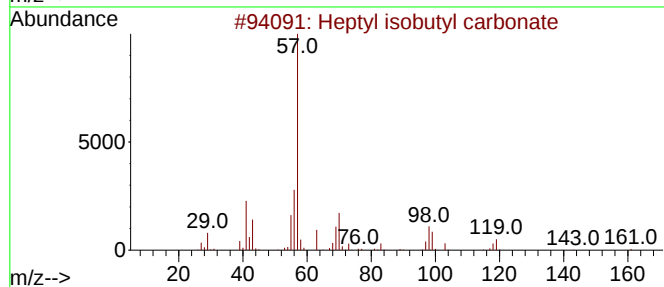
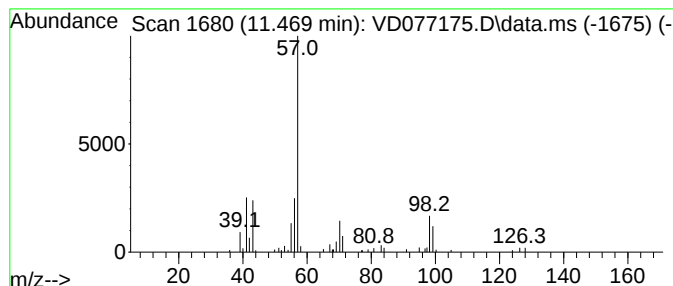
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Quant Title : SFAM01.0

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

Peak Number 10 Heptyl isobutyl carbonate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	2.71 ug/L	86437	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	72
2			Octane, 3-methyl-	128	C9H20	002216-33-3	72
3			Octane, 3-methyl-	128	C9H20	002216-33-3	64
4			Octane, 3-methyl-	128	C9H20	002216-33-3	64
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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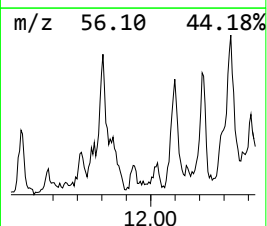
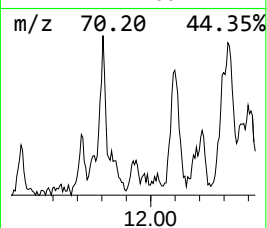
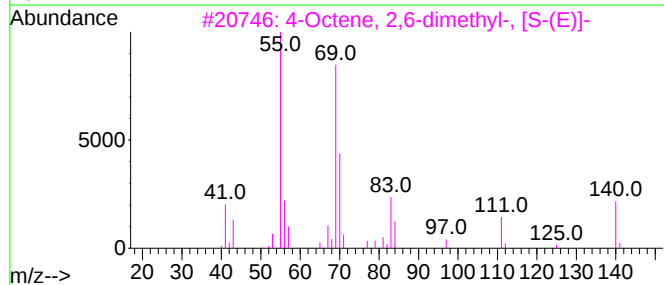
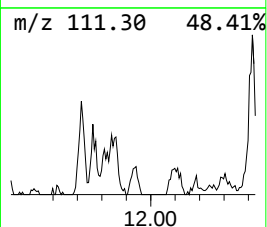
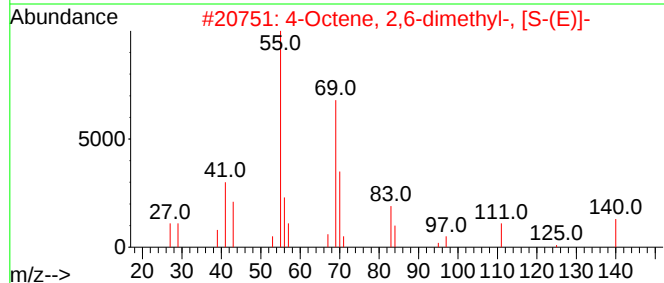
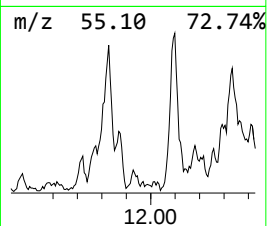
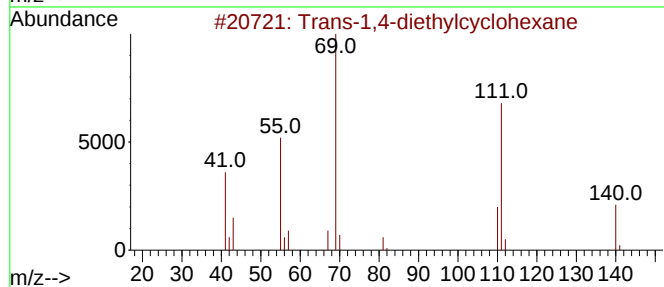
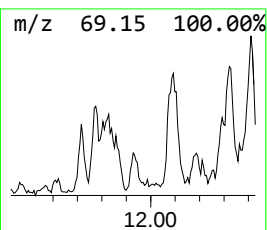
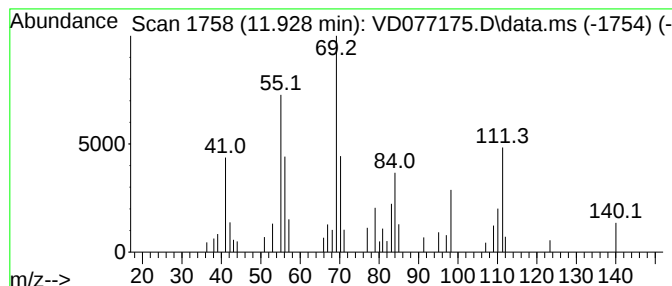
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.928 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	1.49 ug/L	47539	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	49
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	46
4			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
5			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

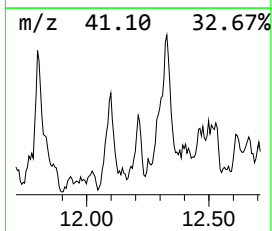
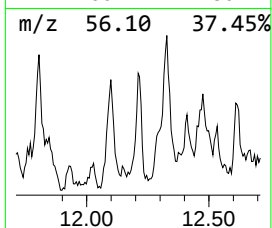
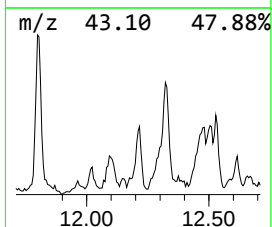
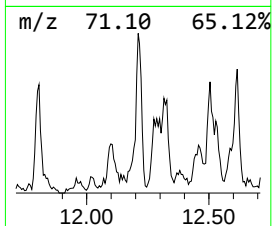
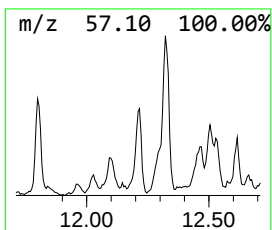
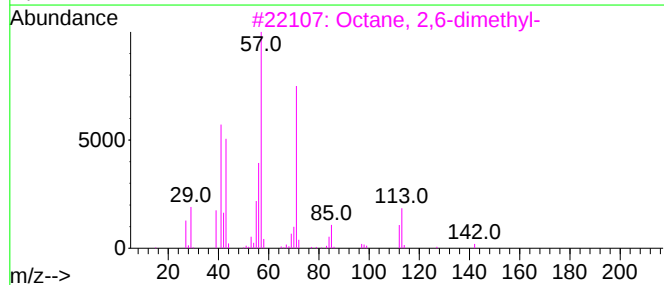
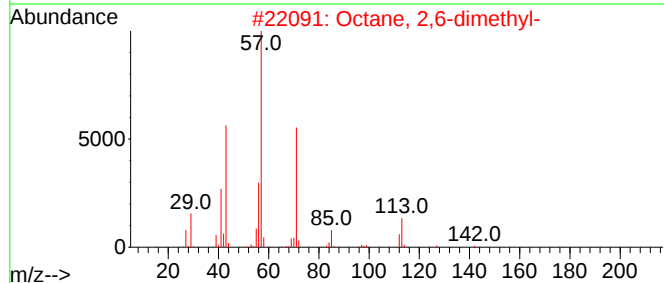
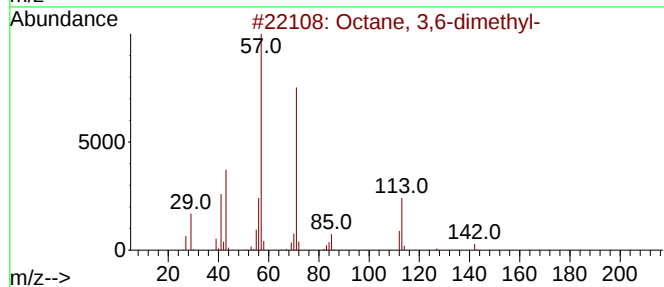
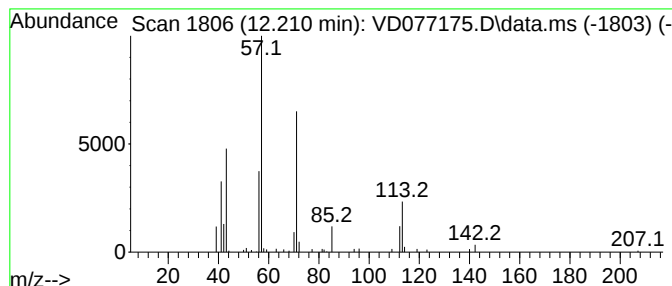
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.75 ug/L	119581	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

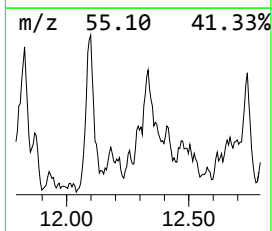
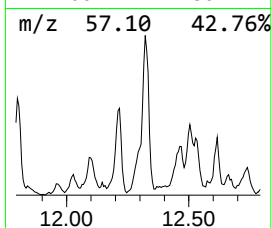
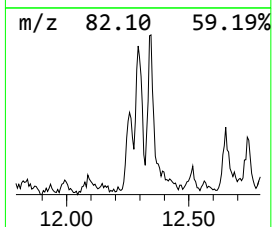
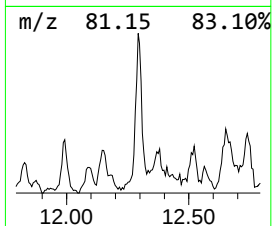
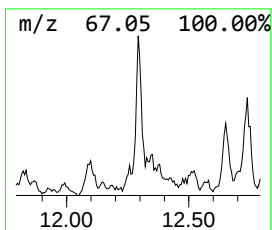
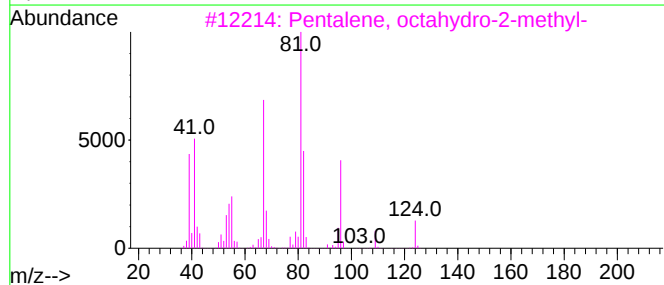
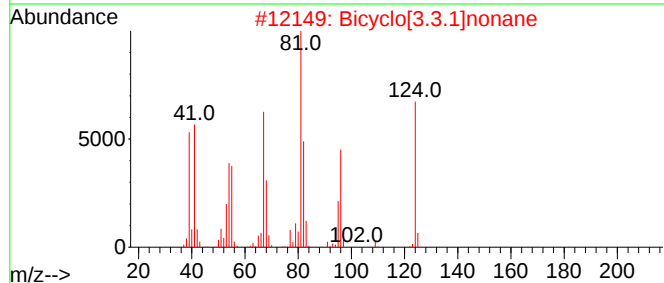
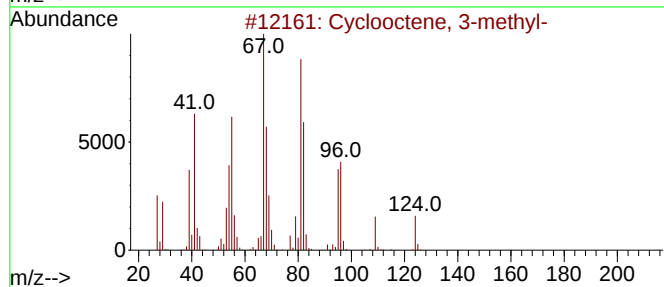
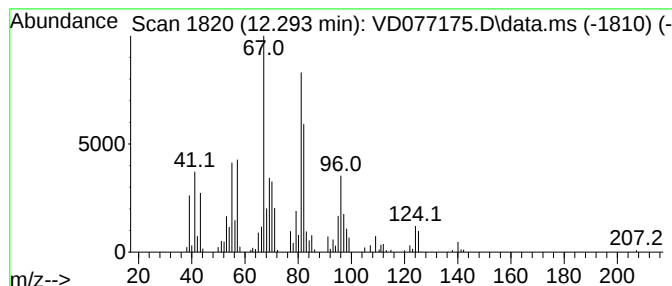
Instrument :
MSVOA_D
ClientSampleId :
EZYG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Cyclooctene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.293	11.05 ug/L	351902	Chlorobenzene-d5		11.581	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-		124	C9H16	013152-05-1	72
2	Bicyclo[3.3.1]nonane		124	C9H16	000280-65-9	58
3	Pentalene, octahydro-2-methyl-		124	C9H16	003868-64-2	49
4	7-Methyl-8-oxabicyclo[4.3.0]nonane		140	C9H16O	1000216-87-6	45
5	Cyclohexene,3-propyl-		124	C9H16	003983-06-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

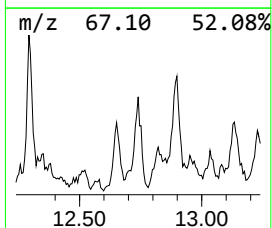
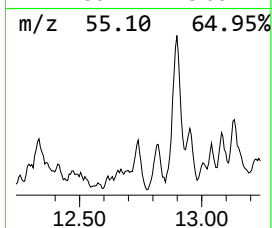
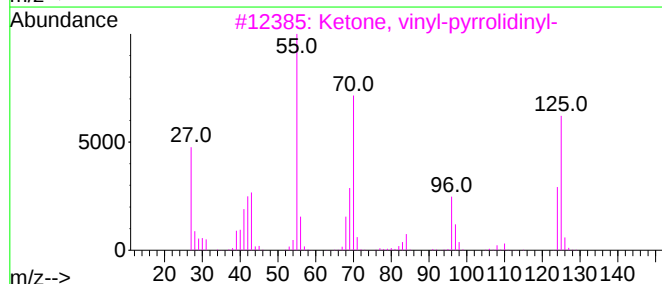
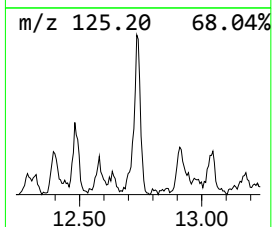
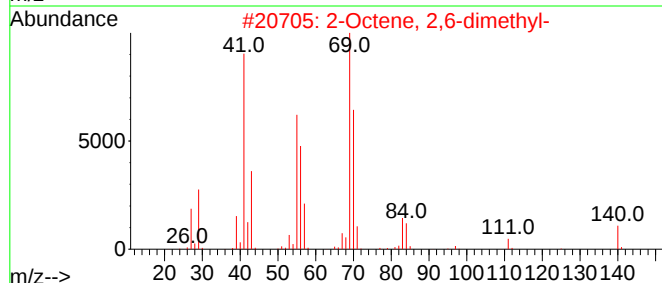
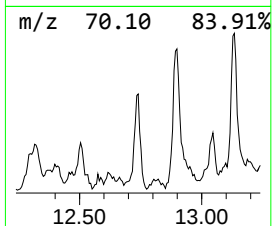
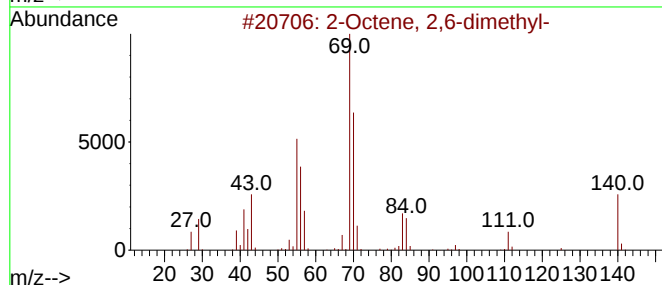
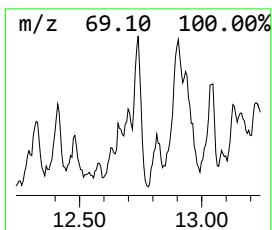
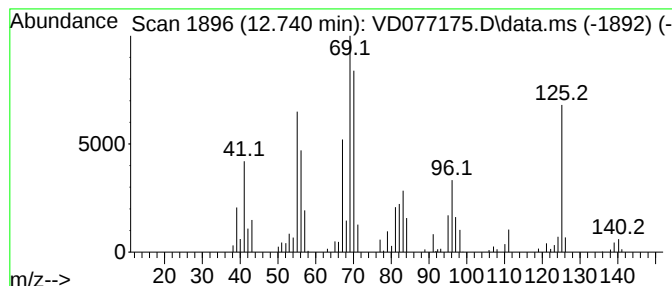
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.740	9.96 ug/L	381954	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	60
2	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	53
3	Ketone, vinyl-pyrrolidinyl-			125	C7H11NO	042104-70-1	41
4	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	38
5	Cyclopentane, ethyl-			98	C7H14	001640-89-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

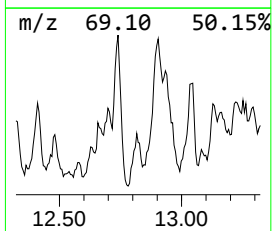
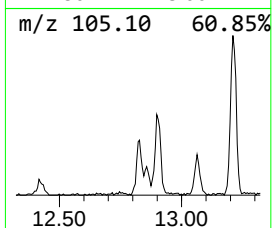
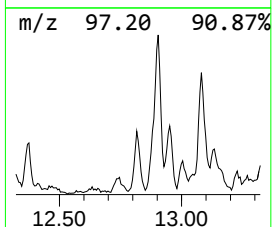
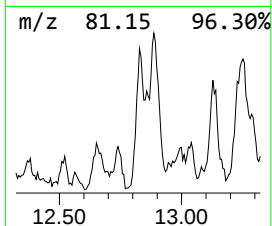
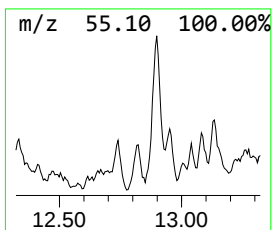
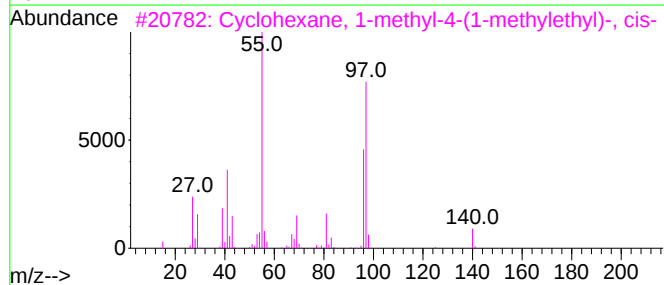
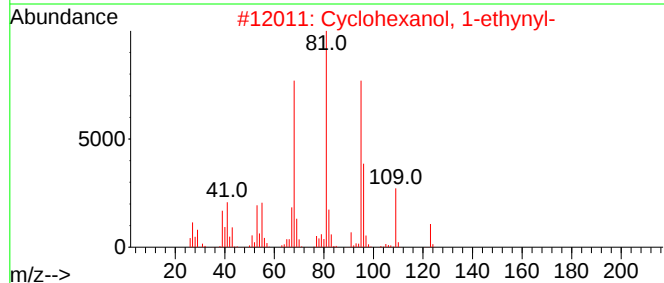
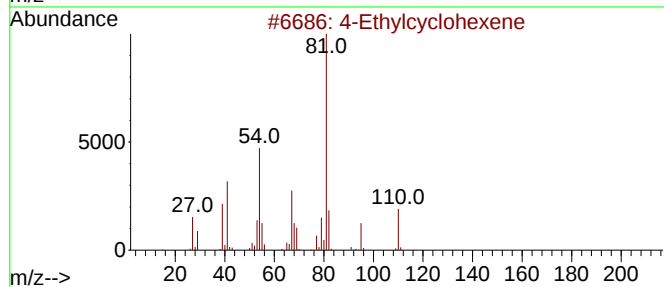
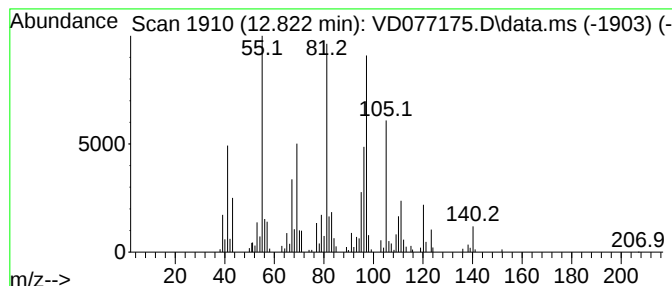
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TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-01

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	9.38 ug/L	360028	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylcyclohexene	110	C8H14	003742-42-5	42
2			Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	38
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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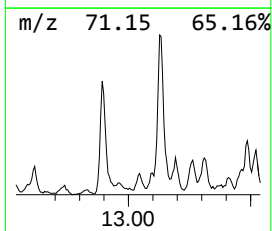
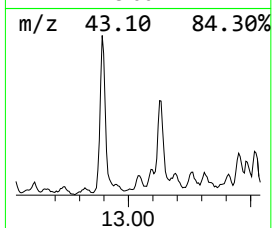
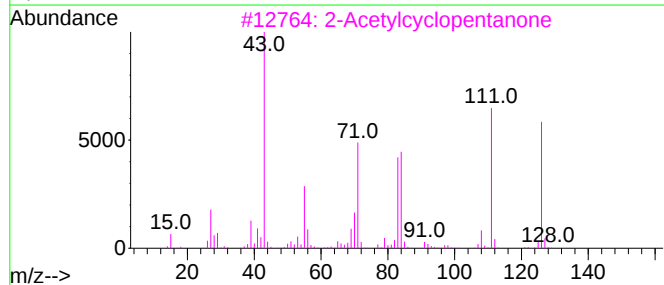
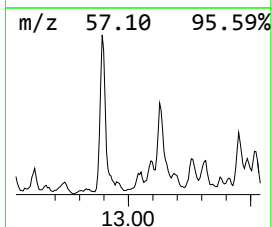
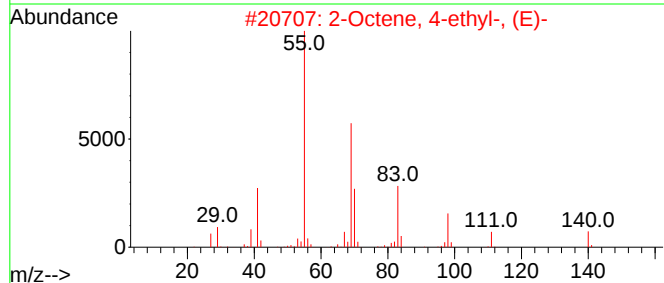
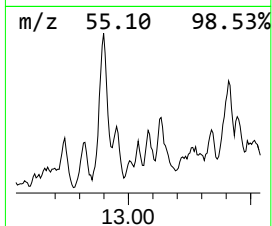
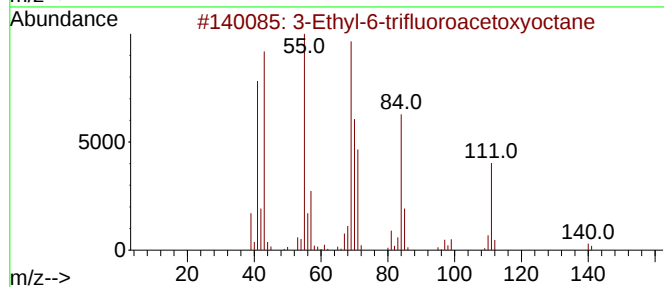
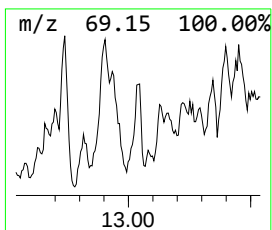
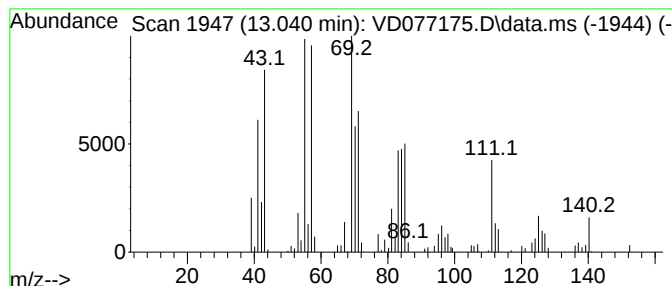
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Quant Title : SFAM01.0

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

Peak Number 16 3-Ethyl-6-trifluoroacetoxo... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.040	3.16 ug/L	121173	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-6-trifluoroacetoxyoctane	254	C12H21F3O2	1010215-97-3	52
2		2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	43
3		2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	38
4		Octane, 4-methyl-	128	C9H20	002216-34-4	38
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

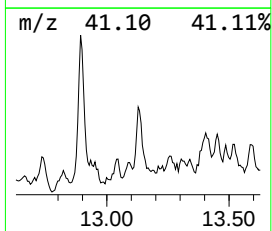
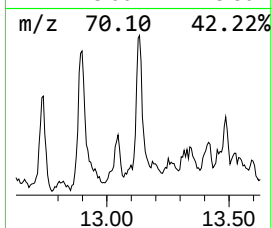
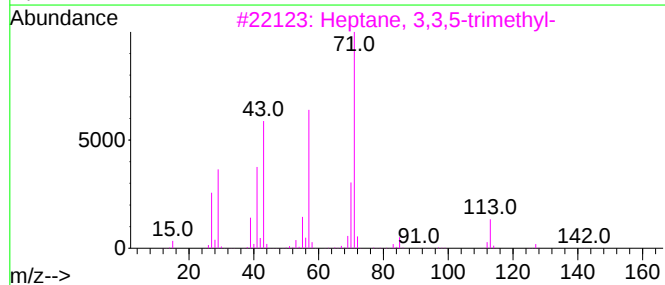
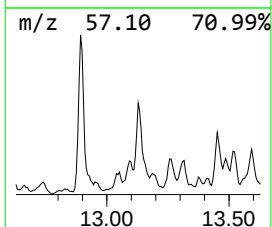
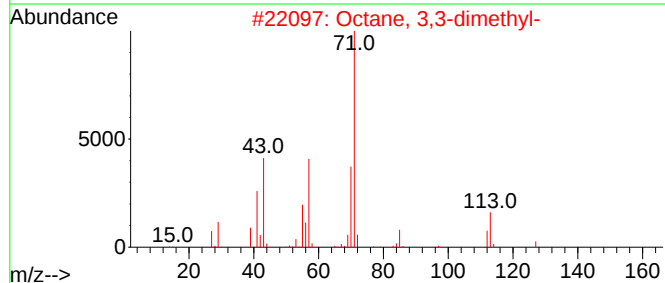
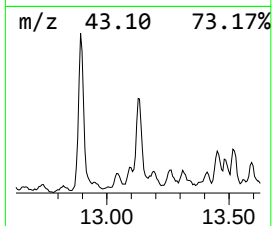
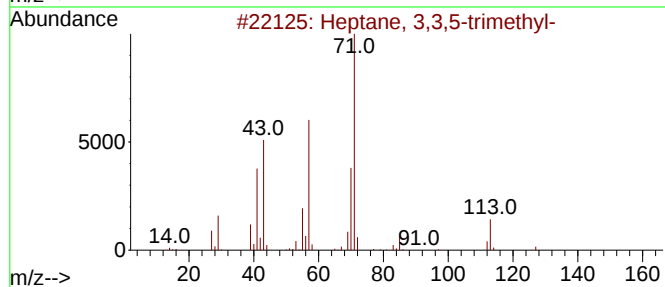
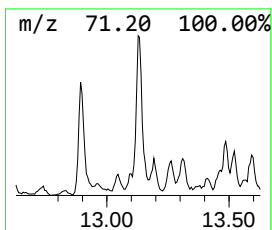
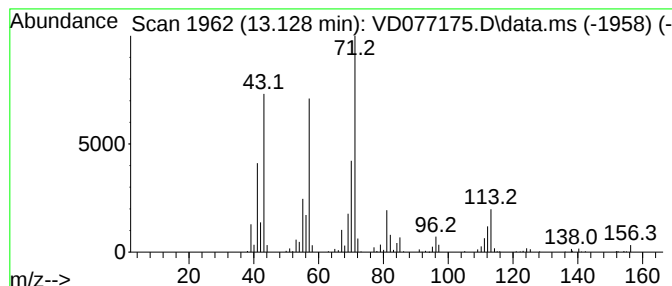
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	13.98 ug/L	536176	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	86
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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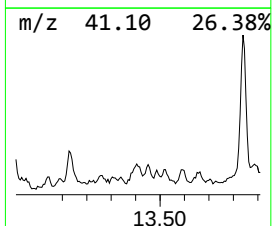
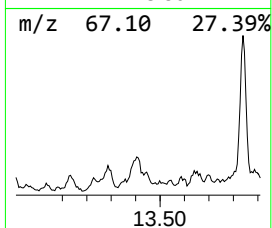
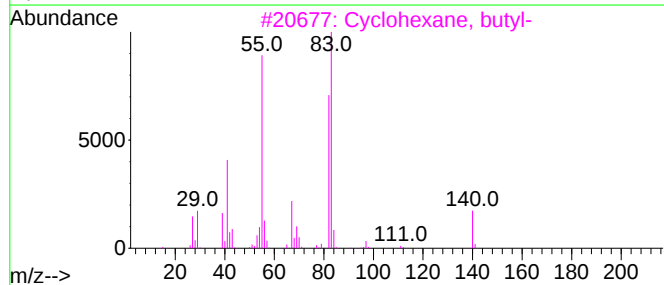
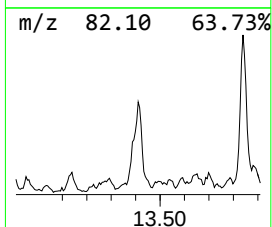
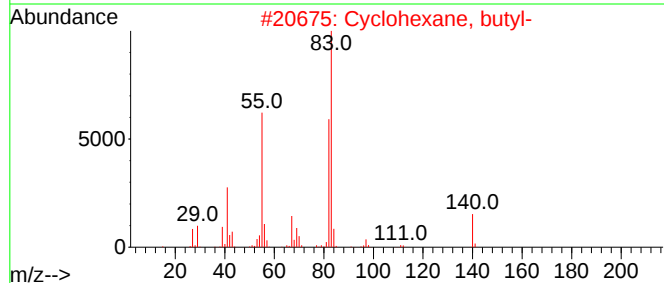
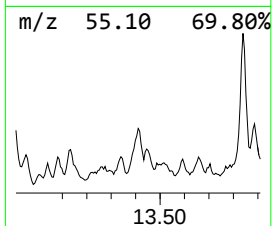
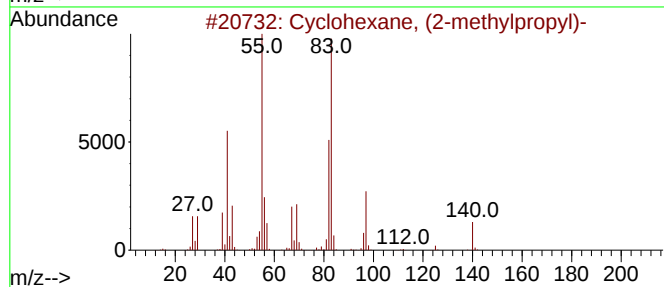
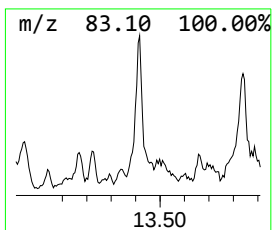
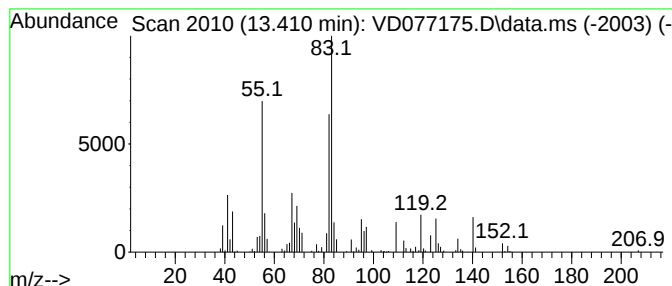
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic13.410 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	13.27 ug/L	509195	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	58
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

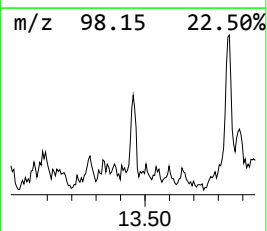
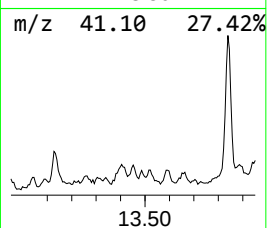
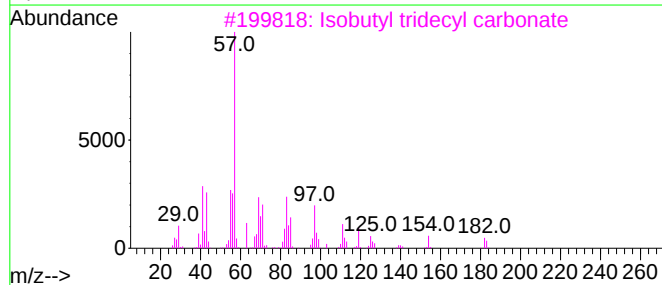
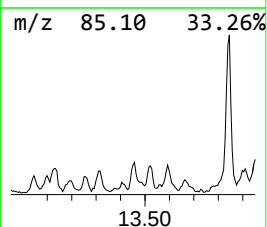
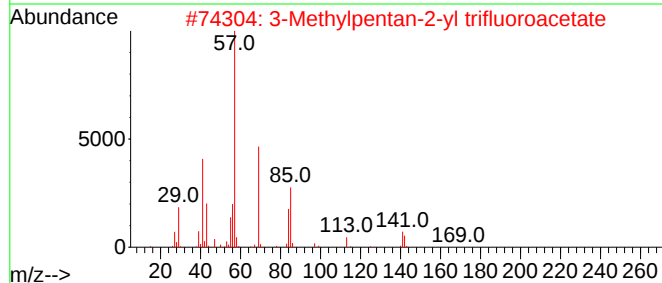
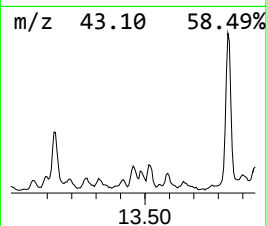
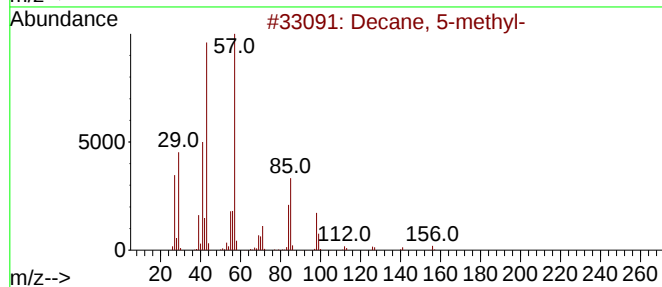
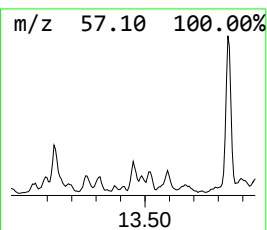
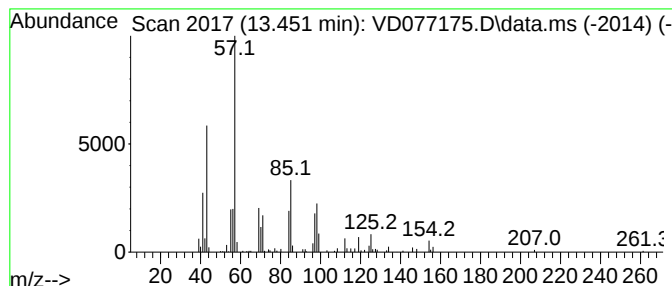
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.451	6.13 ug/L	235244	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-		156	C11H24	013151-35-4	58
2	3-Methylpentan-2-yl trifluoroace...		198	C8H13F3O2	155090-02-1	50
3	Isobutyl tridecyl carbonate		300	C18H36O3	959275-44-6	50
4	Undecane, 5,6-dimethyl-		184	C13H28	017615-91-7	47
5	Isobutyl tetradecyl carbonate		314	C19H38O3	959275-58-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

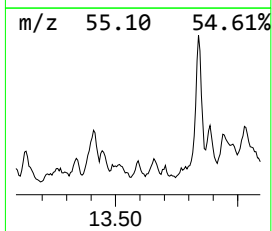
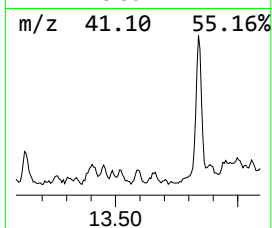
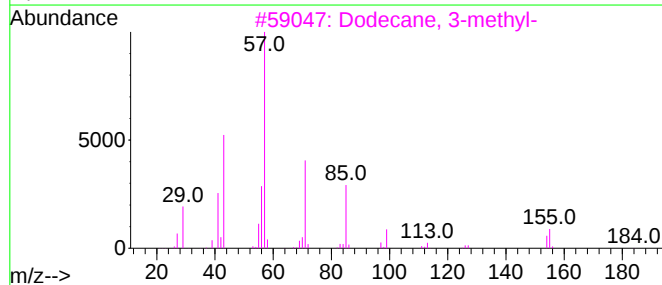
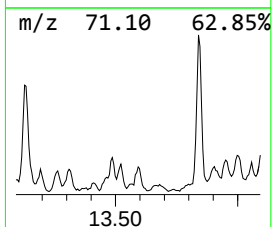
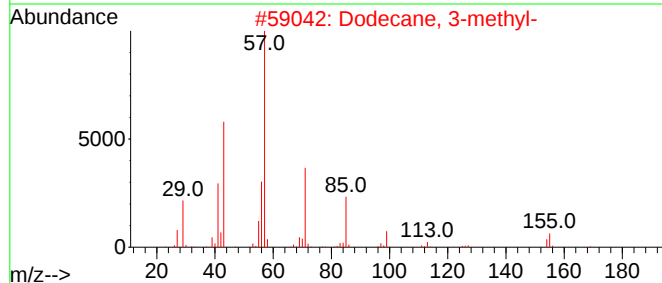
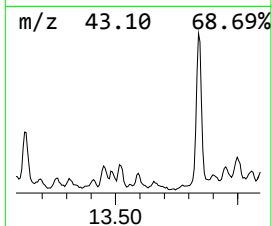
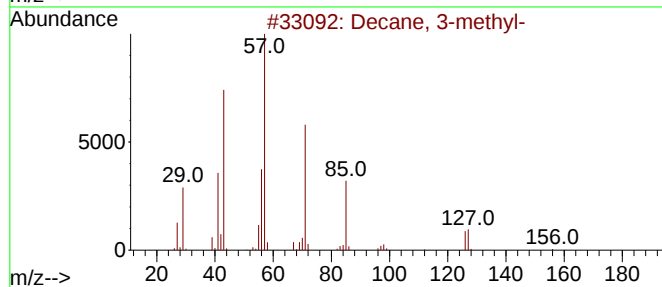
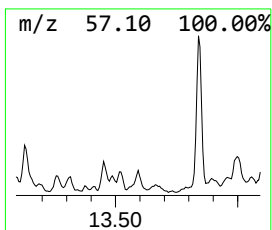
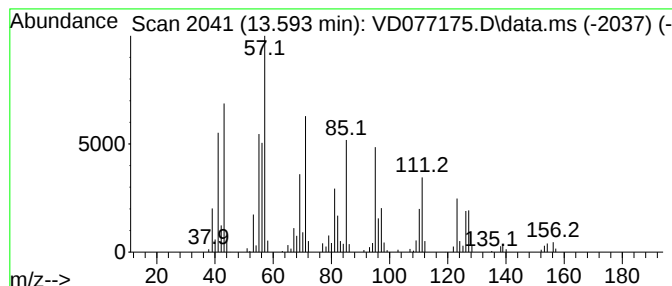
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.592	4.70 ug/L	180147	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	43
2	Dodecane, 3-methyl-		184	C13H28	017312-57-1	35
3	Dodecane, 3-methyl-		184	C13H28	017312-57-1	27
4	10-Methylnonadecane		282	C20H42	056862-62-5	27
5	2-Propanone, 2-propenylhydrazone		112	C6H12N2	019031-79-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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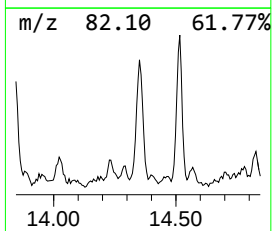
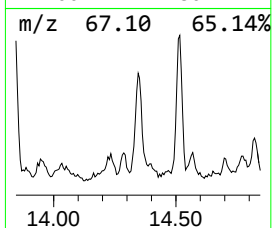
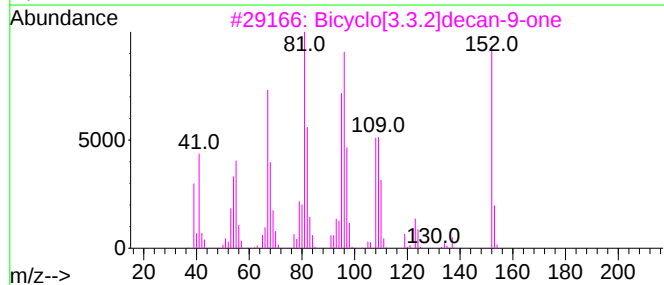
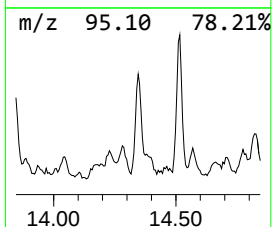
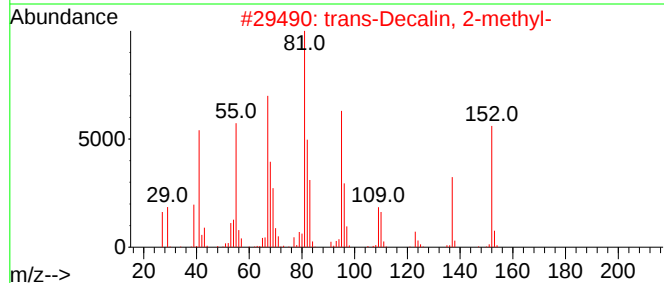
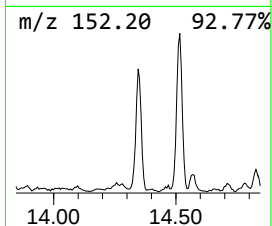
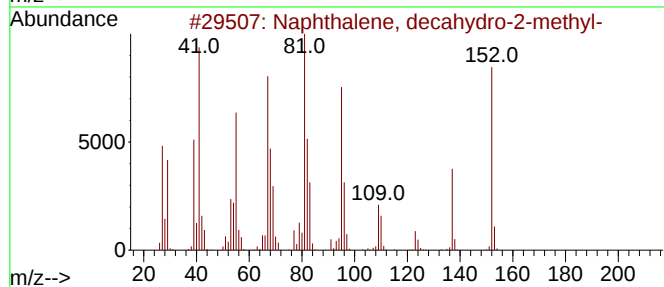
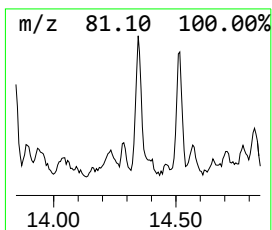
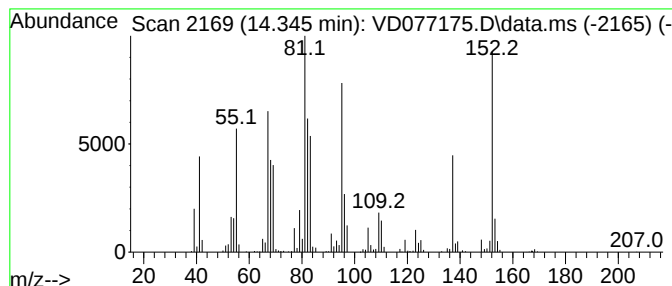
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Quant Title : SFAM01.0

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

Peak Number 21 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	25.08 ug/L	962160	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	76
4			Cyclopentylcyclohexane	152	C11H20	001606-08-2	70
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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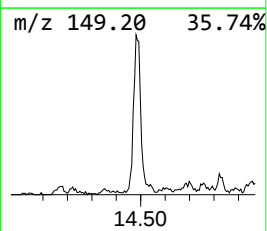
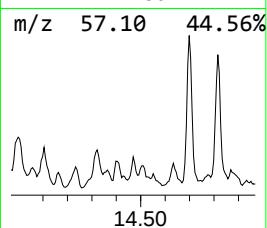
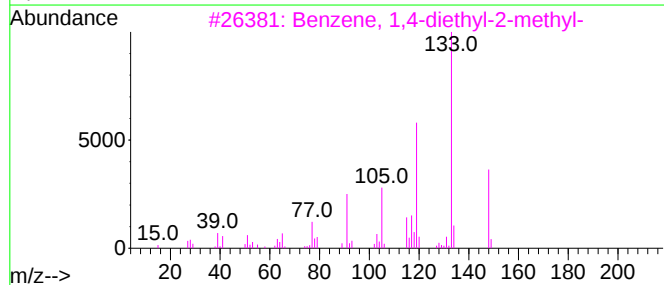
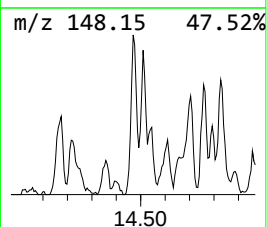
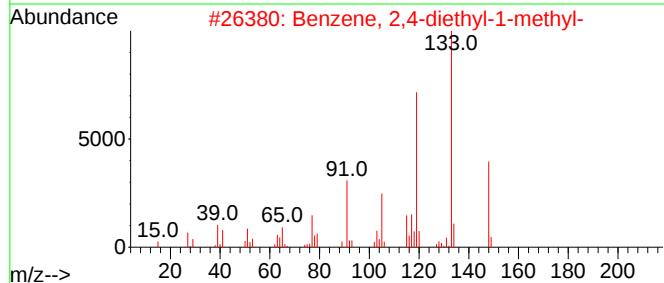
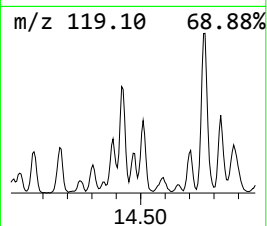
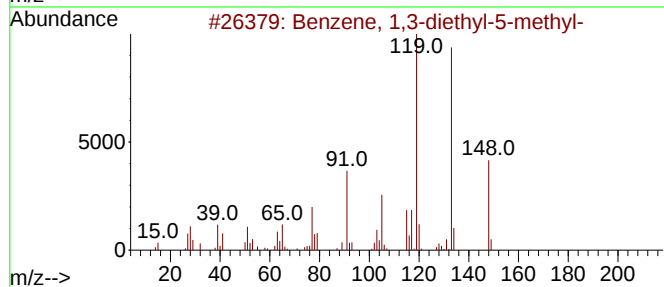
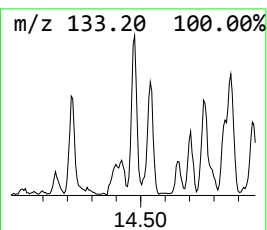
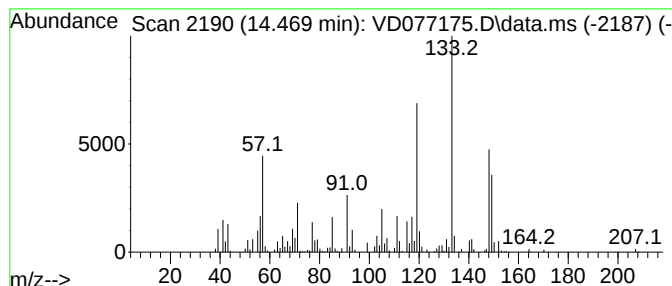
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	8.73 ug/L	335088	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	89
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	76
3			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	62
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
5			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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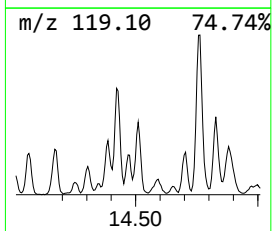
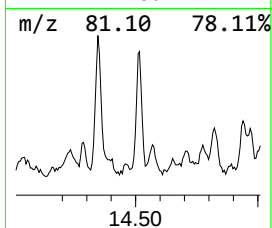
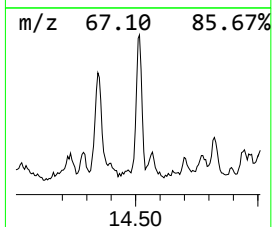
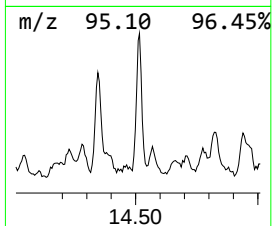
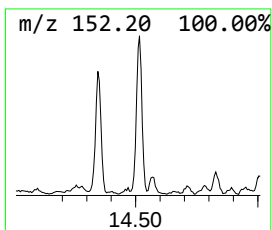
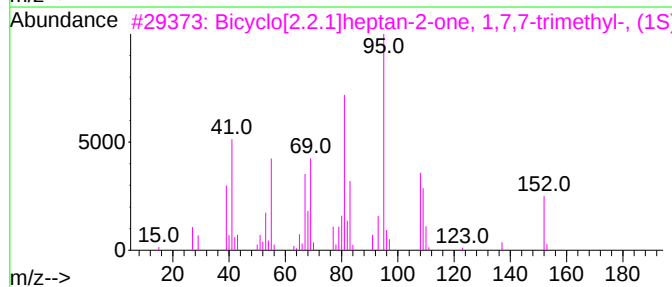
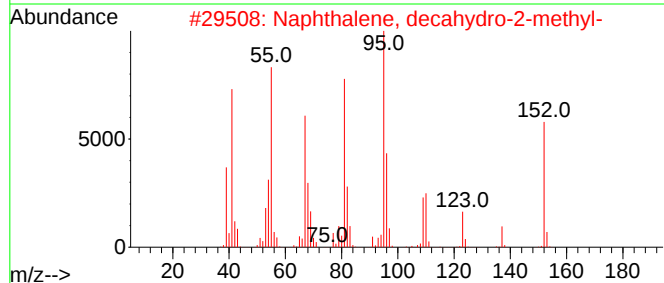
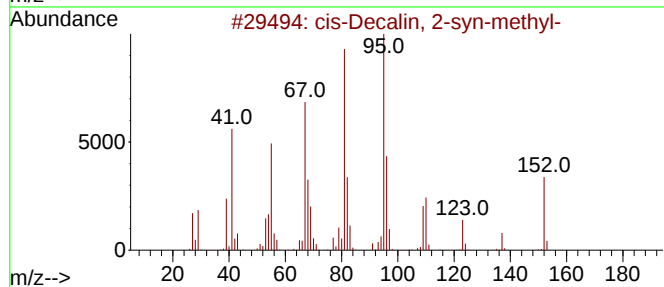
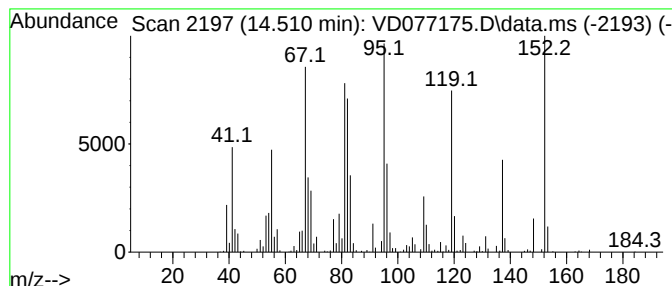
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Quant Title : SFAM01.0

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

Peak Number 23 cis-Decalin, 2-syn-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	30.26 ug/L	1160890	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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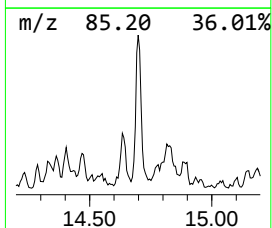
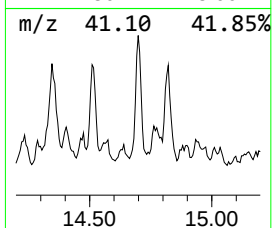
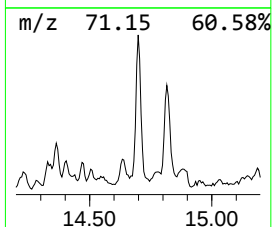
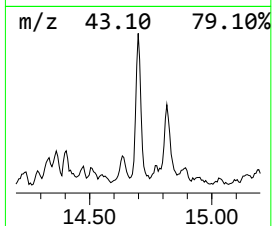
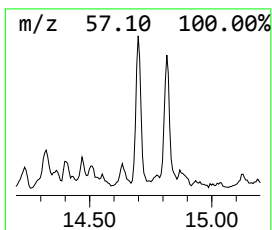
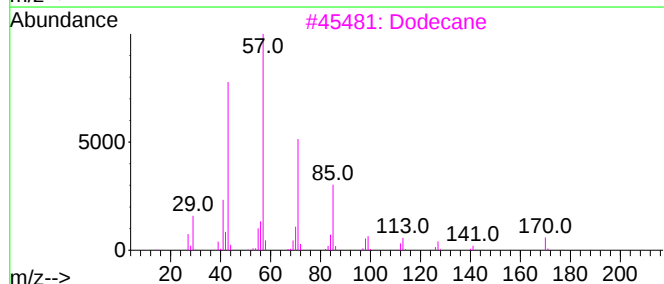
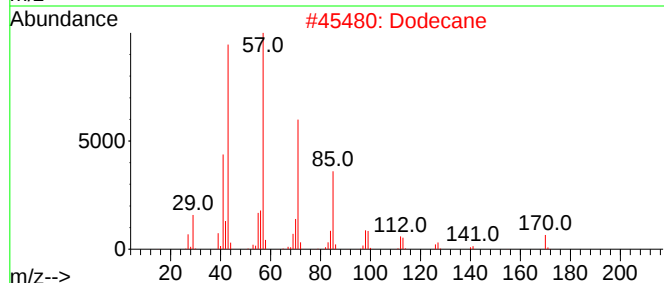
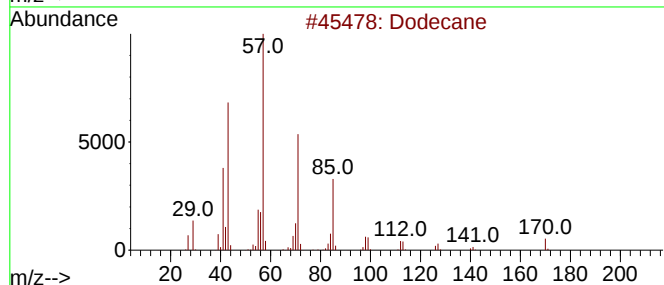
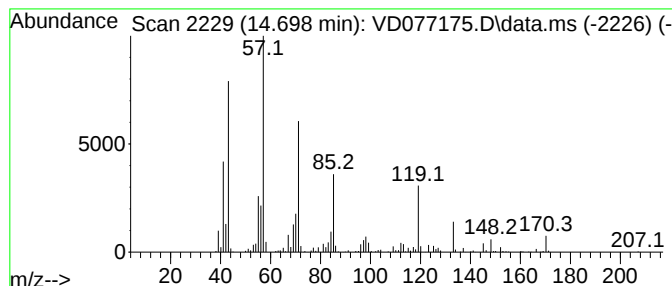
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	23.03 ug/L	883645	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	76
2		Dodecane	170	C12H26	000112-40-3	64
3		Dodecane	170	C12H26	000112-40-3	58
4		Tetradecane	198	C14H30	000629-59-4	58
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

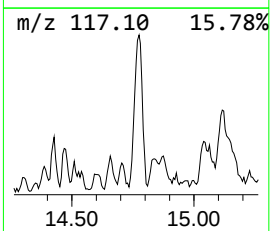
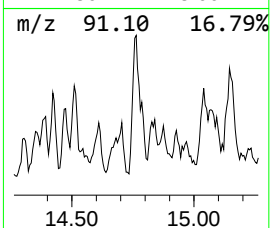
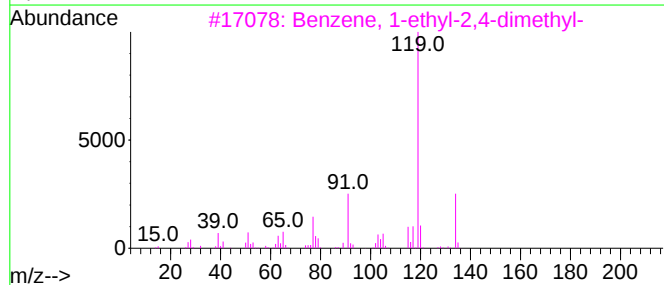
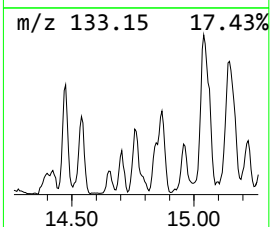
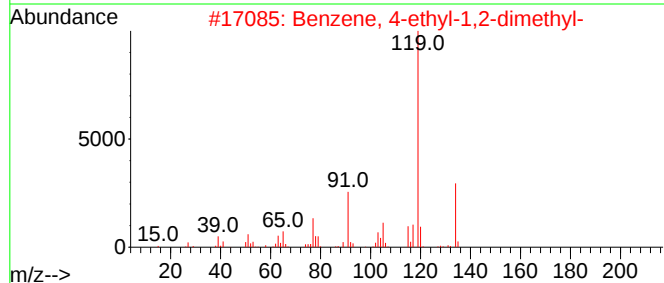
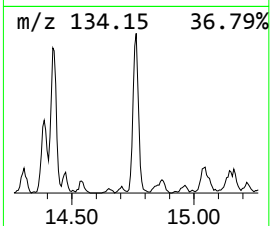
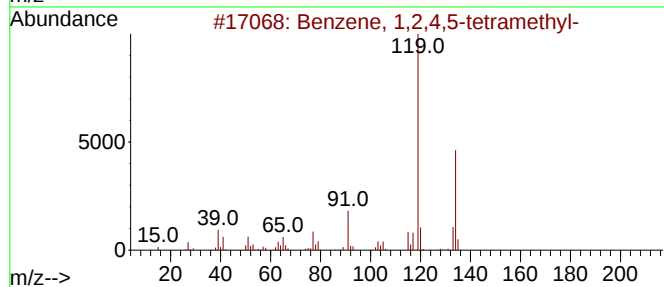
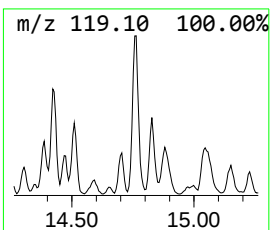
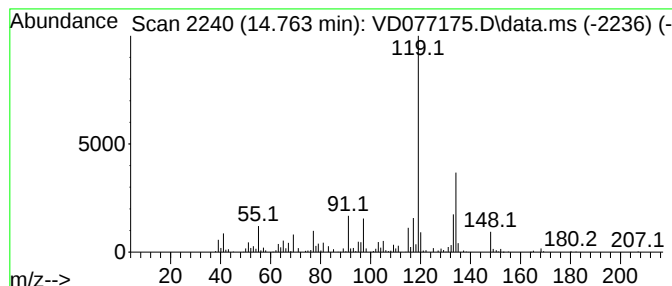
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	24.46 ug/L	938290	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

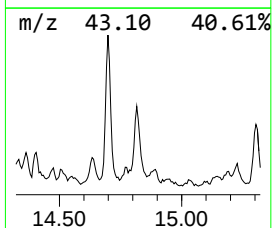
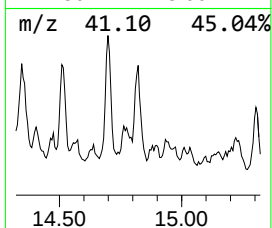
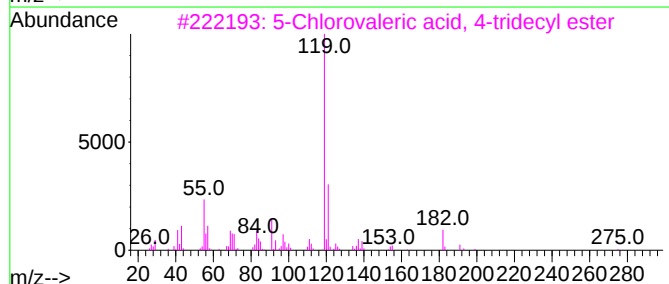
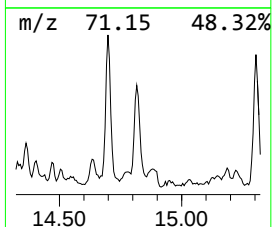
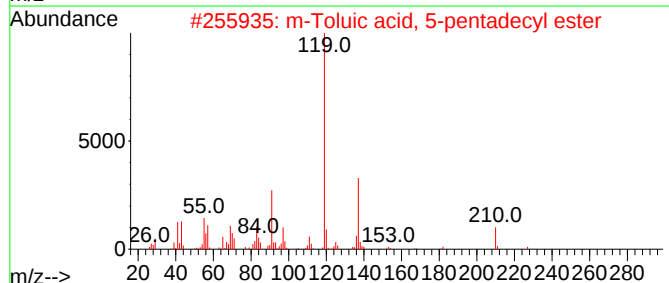
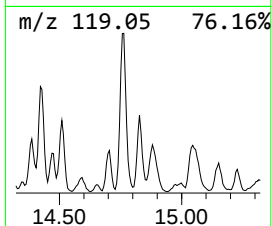
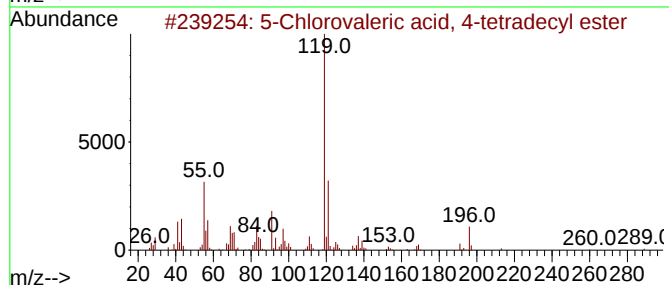
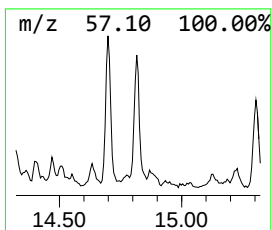
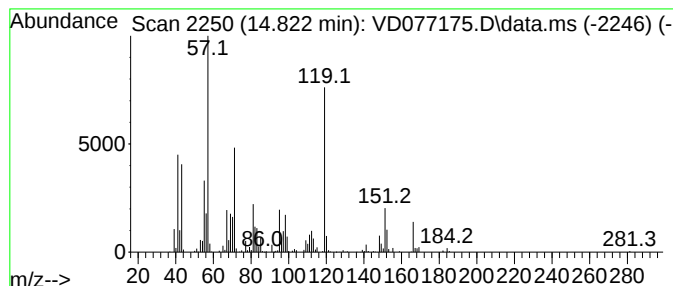
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	22.56 ug/L	865394	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Chlorovaleric acid, 4-tetradec...	332	C19H37ClO2	1000299-91-8	27
2			m-Toluic acid, 5-pentadecyl ester	346	C23H38O2	1000299-78-9	16
3			5-Chlorovaleric acid, 4-tridecyl...	318	C18H35ClO2	1000299-91-4	16
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	15
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

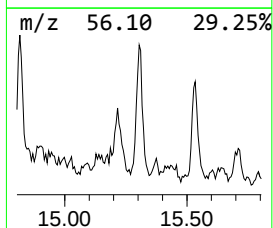
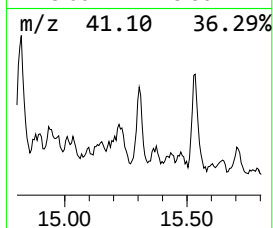
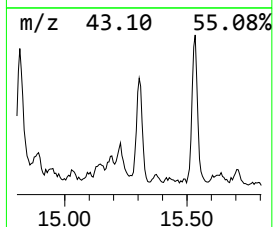
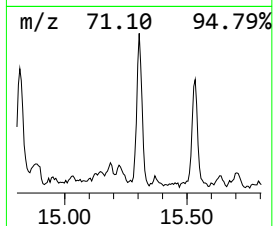
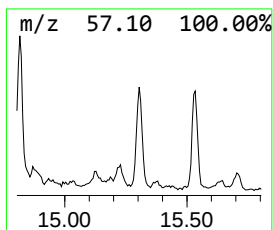
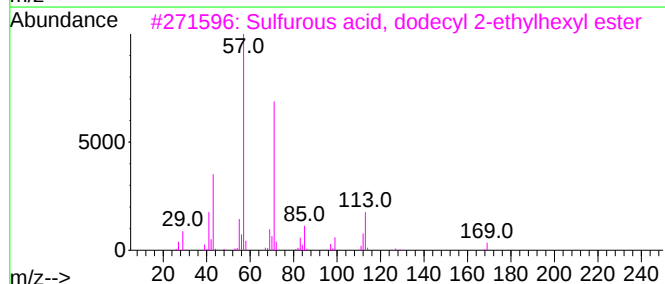
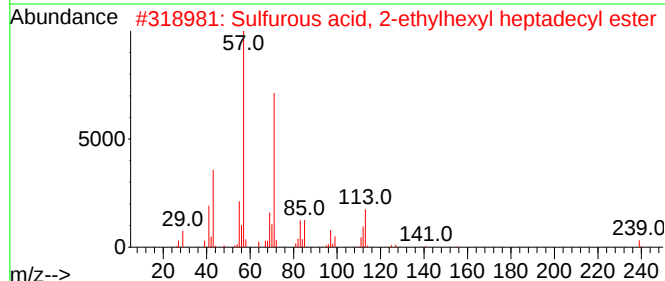
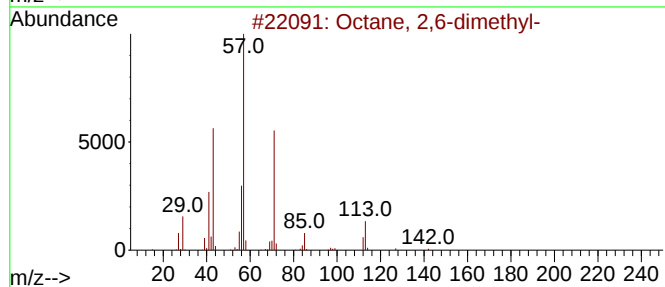
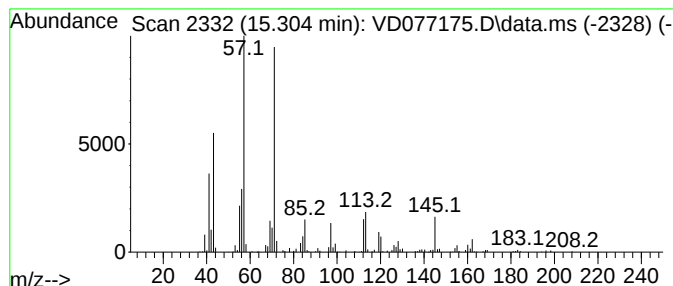
Instrument :
MSVOA_D
ClientSampleId :
EZYG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.304	15.65 ug/L	600551	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077175.D
Acq On : 21 Sep 2023 12:43
Operator : JC/SY
Sample : 04527-02
Misc : 5.70G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

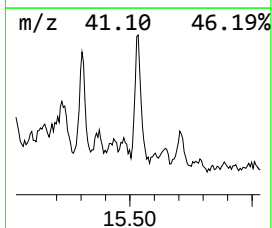
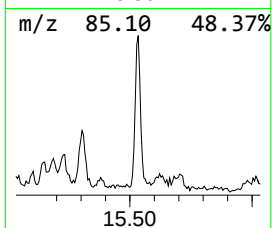
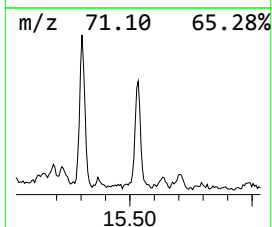
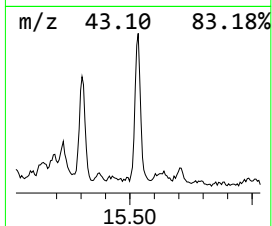
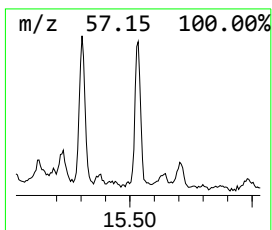
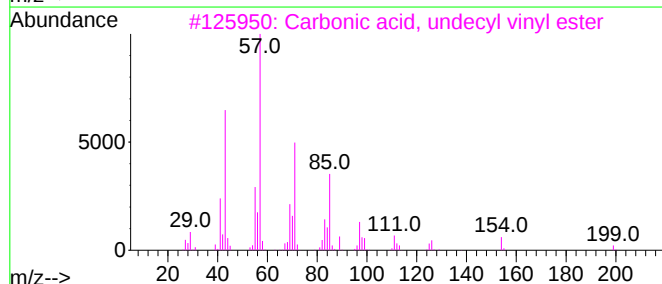
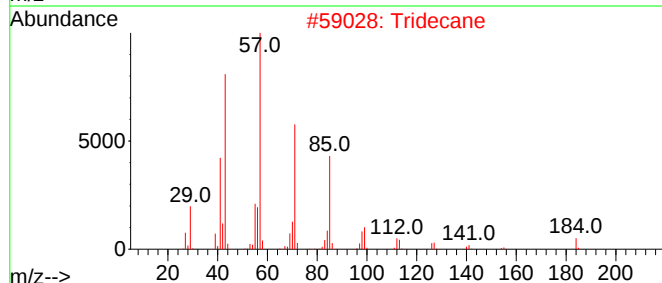
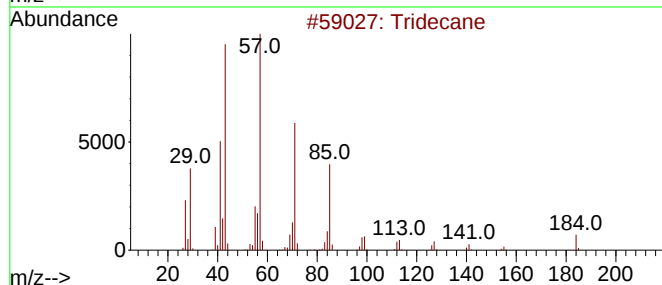
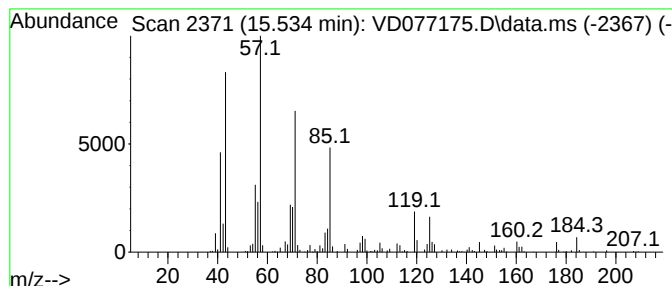
Instrument :
MSVOA_D
ClientSampleId :
EZYG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.534	20.58 ug/L	789626	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	89
2	Tridecane		184	C13H28	000629-50-5	81
3	Carbonic acid, undecyl vinyl ester		242	C14H26O3	1000382-54-9	72
4	Hexadecane		226	C16H34	000544-76-3	64
5	Tridecane		184	C13H28	000629-50-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077175.D
 Acq On : 21 Sep 2023 12:43
 Operator : JC/SY
 Sample : 04527-02
 Misc : 5.70G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.840	1.3	ug/L	32597	1	8.775	612904	25.0
(DEL) Alkane: S...	9.905	1.3	ug/L	32272	1	8.775	612904	25.0
(DEL) Alkane: S...	10.046	1.9	ug/L	46604	1	8.775	612904	25.0
(DEL) Alkane: S...	10.457	3.0	ug/L	94221	2	11.581	796402	25.0
(DEL) Alkane: C...	11.181	5.2	ug/L	165287	2	11.581	796402	25.0
(DEL) Alkane: S...	11.293	2.2	ug/L	69067	2	11.581	796402	25.0
(DEL) Alkane: C...	11.381	8.1	ug/L	258330	2	11.581	796402	25.0
Heptyl isobutyl...	11.469	2.7	ug/L	86437	2	11.581	796402	25.0
(DEL) Alkane: C...	11.928	1.5	ug/L	47539	2	11.581	796402	25.0
(DEL) Alkane: S...	12.210	3.8	ug/L	119581	2	11.581	796402	25.0
Cyclooctene, 3-...	12.293	11.1	ug/L	351902	2	11.581	796402	25.0
(DEL) Alkane: S...	12.740	10.0	ug/L	381954	3	13.516	959139	25.0
unknown-01	12.822	9.4	ug/L	360028	3	13.516	959139	25.0
3-Ethyl-6-trifl...	13.040	3.2	ug/L	121173	3	13.516	959139	25.0
(DEL) Alkane: S...	13.128	14.0	ug/L	536176	3	13.516	959139	25.0
(DEL) Alkane: C...	13.410	13.3	ug/L	509195	3	13.516	959139	25.0
(DEL) Alkane: S...	13.451	6.1	ug/L	235244	3	13.516	959139	25.0
(DEL) Alkane: S...	13.592	4.7	ug/L	180147	3	13.516	959139	25.0
Naphthalene, de...	14.345	25.1	ug/L	962160	3	13.516	959139	25.0
Benzene, 1,3-di...	14.469	8.7	ug/L	335088	3	13.516	959139	25.0
cis-Decalin, 2-...	14.510	30.3	ug/L	1160890	3	13.516	959139	25.0
(DEL) Alkane: S...	14.698	23.0	ug/L	883645	3	13.516	959139	25.0
Benzene, 1,2,4,...	14.763	24.5	ug/L	938290	3	13.516	959139	25.0
unknown-02	14.822	22.6	ug/L	865394	3	13.516	959139	25.0
(DEL) Alkane: S...	15.304	15.7	ug/L	600551	3	13.516	959139	25.0
(DEL) Alkane: S...	15.534	20.6	ug/L	789626	3	13.516	959139	25.0