

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
 Data File : VW028379.D
 Acq On : 10 Apr 2024 11:17
 Operator : SY/MD
 Sample : P2037-07
 Misc : 2.89g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY5

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\SFAMWLM040824SMA.M
 Title : SFAM01.0

Signal : TIC: VW028379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.997	17	18	23	rVB4	1621	2107	0.12%	0.015%
2	2.064	28	29	32	rBV2	1143	1327	0.08%	0.010%
3	2.161	41	45	46	rBV4	1133	1570	0.09%	0.012%
4	2.210	50	53	54	rBV3	1507	1533	0.09%	0.011%
5	2.362	71	78	95	rBV	121078	300774	17.24%	2.205%
6	2.899	159	166	182	rBV	84765	243008	13.93%	1.781%
7	3.301	230	232	237	rVB6	1371	1733	0.10%	0.013%
8	3.387	243	246	247	rBV3	1713	2024	0.12%	0.015%
9	3.533	268	270	275	rVB6	1260	1600	0.09%	0.012%
10	3.630	285	286	291	rVB4	1620	2047	0.12%	0.015%
11	3.685	291	295	296	rBV4	1532	1881	0.11%	0.014%
12	3.722	299	301	305	rVB5	1029	1367	0.08%	0.010%
13	3.765	305	308	312	rBV6	1339	2791	0.16%	0.020%
14	4.021	336	350	362	rBV2	182577	616691	35.36%	4.521%
15	4.301	394	396	399	rVB4	1493	1532	0.09%	0.011%
16	4.393	401	411	421	rVB3	7731	26806	1.54%	0.197%
17	4.496	425	428	430	rVB4	1635	1840	0.11%	0.013%
18	4.734	465	467	470	rBV4	1399	1160	0.07%	0.009%
19	4.917	489	497	506	rBV3	7052	26655	1.53%	0.195%
20	5.246	547	551	556	rVB6	1458	3178	0.18%	0.023%
21	5.319	561	563	569	rVB7	875	1288	0.07%	0.009%
22	5.423	578	580	585	rVB6	964	1268	0.07%	0.009%
23	5.795	638	641	642	rVB3	1424	1162	0.07%	0.009%
24	5.825	642	646	647	rBV4	1080	1417	0.08%	0.010%
25	5.929	658	663	664	rBV5	1931	2808	0.16%	0.021%
26	6.039	677	681	684	rVB6	1007	1569	0.09%	0.012%
27	6.423	740	744	748	rBV6	896	1541	0.09%	0.011%
28	6.471	748	752	754	rVV4	1076	1381	0.08%	0.010%
29	6.581	766	770	772	rVB5	1319	1531	0.09%	0.011%
30	6.923	824	826	829	rVB4	1478	1277	0.07%	0.009%
31	7.075	842	851	859	rBV2	35210	110857	6.36%	0.813%
32	7.447	904	912	919	rVV	10369	27907	1.60%	0.205%
33	7.672	936	949	959	rBV2	255414	736857	42.24%	5.402%
34	7.776	965	966	970	rVB4	1837	1759	0.10%	0.013%
35	7.922	987	990	991	rBV3	1395	1615	0.09%	0.012%
36	8.270	1037	1047	1061	rBV2	609644	1744254	100.00%	12.786%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Title : SFAM01.0

37	8.697	1110	1117	1122	rBV2	2046	4978	0.29%	0.036%
38	8.837	1131	1140	1150	rBV	687871	1350099	77.40%	9.897%
39	9.075	1168	1179	1192	rBV	363941	744264	42.67%	5.456%
40	9.270	1203	1211	1228	rVB	400723	824171	47.25%	6.042%
41	9.532	1251	1254	1256	rVB4	1263	1460	0.08%	0.011%
42	9.654	1270	1274	1276	rBV5	1508	2138	0.12%	0.016%
43	9.824	1299	1302	1303	rBV3	1095	1243	0.07%	0.009%
44	9.959	1320	1324	1327	rVB6	1485	2346	0.13%	0.017%
45	10.032	1327	1336	1344	rBV	198850	363769	20.86%	2.667%
46	10.215	1362	1366	1369	rVB6	1200	1749	0.10%	0.013%
47	10.318	1372	1383	1392	rBV	827162	1465318	84.01%	10.742%
48	10.574	1418	1425	1436	rVB2	116568	202032	11.58%	1.481%
49	10.696	1441	1445	1451	rVB2	4396	7021	0.40%	0.051%
50	10.867	1465	1473	1476	rBV9	2854	6556	0.38%	0.048%
51	10.922	1476	1482	1495	rBV2	135916	245988	14.10%	1.803%
52	11.080	1504	1508	1509	rBV4	2026	2696	0.15%	0.020%
53	11.227	1528	1532	1536	rVB7	1043	1873	0.11%	0.014%
54	11.263	1536	1538	1543	rVB6	786	1204	0.07%	0.009%
55	11.336	1546	1550	1551	rBV4	1108	1455	0.08%	0.011%
56	11.391	1556	1559	1560	rBV3	965	1266	0.07%	0.009%
57	11.629	1590	1598	1610	rBV	859067	1446116	82.91%	10.601%
58	11.727	1610	1614	1615	rVB4	1707	1828	0.10%	0.013%
59	11.830	1626	1631	1639	rVV4	3470	8339	0.48%	0.061%
60	11.940	1646	1649	1651	rVB4	1254	1468	0.08%	0.011%
61	12.074	1668	1671	1673	rBV4	1309	1528	0.09%	0.011%
62	12.123	1676	1679	1680	rBV3	1500	1280	0.07%	0.009%
63	12.166	1684	1686	1694	rVB9	1891	3670	0.21%	0.027%
64	12.245	1697	1699	1703	rVB5	1569	1905	0.11%	0.014%
65	12.294	1703	1707	1710	rBV6	1365	2028	0.12%	0.015%
66	12.342	1710	1715	1717	rBV6	1803	3132	0.18%	0.023%
67	12.464	1729	1735	1741	rVV9	4620	8050	0.46%	0.059%
68	12.598	1752	1757	1764	rVV7	4092	7623	0.44%	0.056%
69	12.690	1767	1772	1782	rBV3	9345	20075	1.15%	0.147%
70	12.793	1788	1789	1792	rVB3	1656	1151	0.07%	0.008%
71	12.928	1805	1811	1818	rVB10	4529	10195	0.58%	0.075%
72	13.068	1831	1834	1837	rBV5	1113	1770	0.10%	0.013%
73	13.098	1837	1839	1843	rBV5	1650	2465	0.14%	0.018%
74	13.135	1843	1845	1848	rVB4	1296	1452	0.08%	0.011%
75	13.190	1852	1854	1858	rVB5	1518	2363	0.14%	0.017%
76	13.245	1858	1863	1864	rBV5	2993	3661	0.21%	0.027%

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 Title : SFAM01.0

77	13.293	1868	1871	1877	rVB8	3161	4358	0.25%	0.032%
78	13.373	1879	1884	1885	rBV5	2068	2698	0.15%	0.020%
79	13.391	1885	1887	1890	rVB4	1193	1297	0.07%	0.010%
80	13.421	1890	1892	1893	rBV2	1285	1159	0.07%	0.008%
81	13.488	1898	1903	1907	rBV8	2557	5739	0.33%	0.042%
82	13.556	1907	1914	1924	rBV	648632	1044995	59.91%	7.660%
83	13.848	1953	1962	1972	rBV	523927	852524	48.88%	6.250%
84	14.013	1986	1989	1992	rBV5	1396	2041	0.12%	0.015%
85	14.062	1993	1997	2002	rVV4	4299	8465	0.49%	0.062%
86	14.104	2002	2004	2008	rVB5	2393	2484	0.14%	0.018%
87	14.190	2014	2018	2022	rBV7	3459	5921	0.34%	0.043%
88	14.324	2035	2040	2044	rBV7	5306	11594	0.66%	0.085%
89	14.379	2045	2049	2053	rVB5	10024	16112	0.92%	0.118%
90	14.421	2053	2056	2059	rBV5	3034	4430	0.25%	0.032%
91	14.488	2064	2067	2070	rVV5	3793	4990	0.29%	0.037%
92	14.543	2072	2076	2081	rVB6	10097	17307	0.99%	0.127%
93	14.592	2081	2084	2089	rBV7	4029	8096	0.46%	0.059%
94	14.714	2099	2104	2112	rBV	65632	105895	6.07%	0.776%
95	14.836	2120	2124	2132	rVB2	42584	88219	5.06%	0.647%
96	14.964	2141	2145	2148	rBV5	21761	36723	2.11%	0.269%
97	15.317	2198	2203	2208	rBV2	73849	130553	7.48%	0.957%
98	15.543	2235	2240	2248	rVB	197047	329723	18.90%	2.417%
99	16.268	2355	2359	2368	rVB2	44523	90067	5.16%	0.660%
100	16.482	2388	2394	2400	rBV	126260	224153	12.85%	1.643%

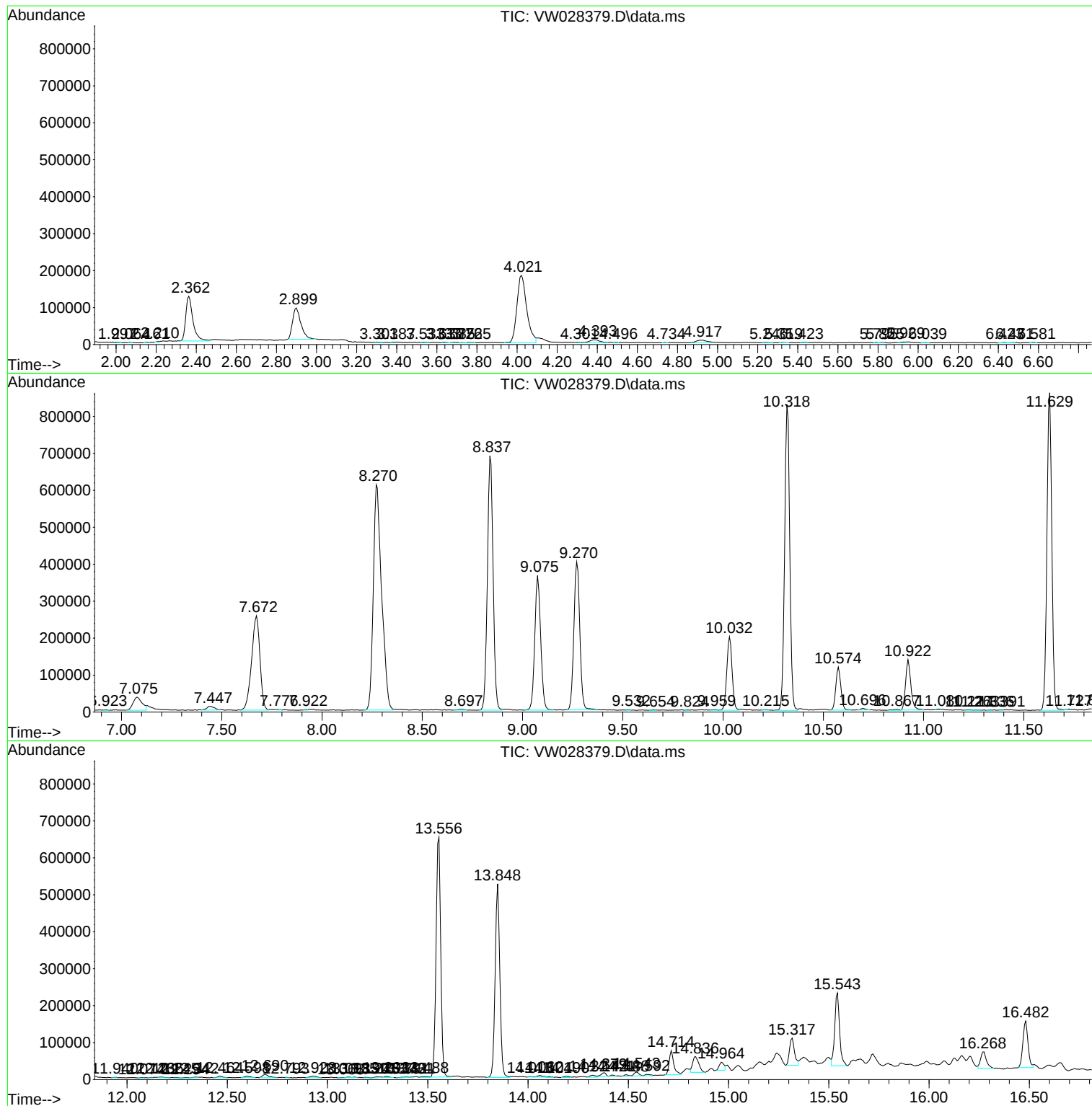
Sum of corrected areas: 13641383

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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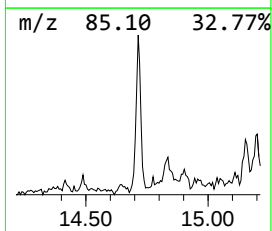
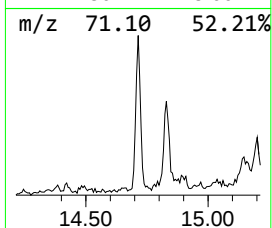
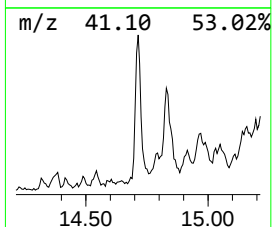
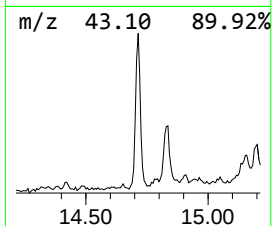
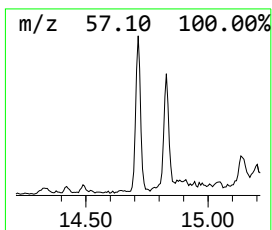
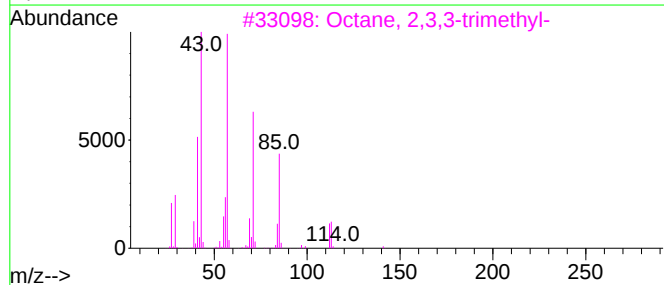
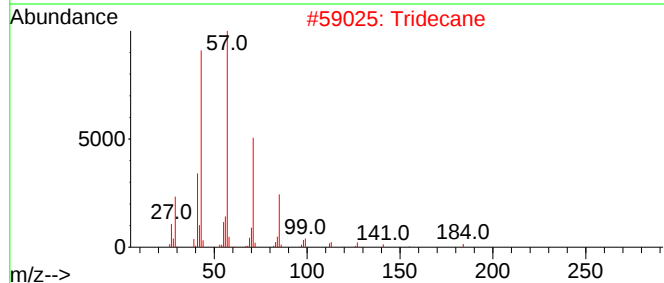
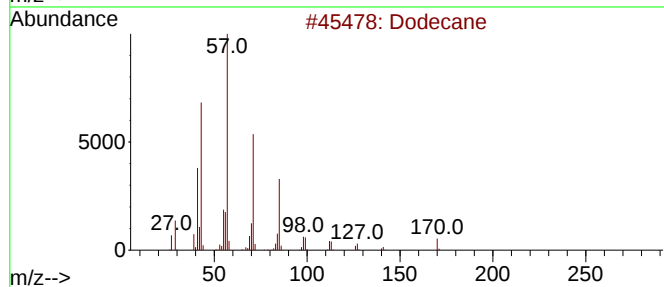
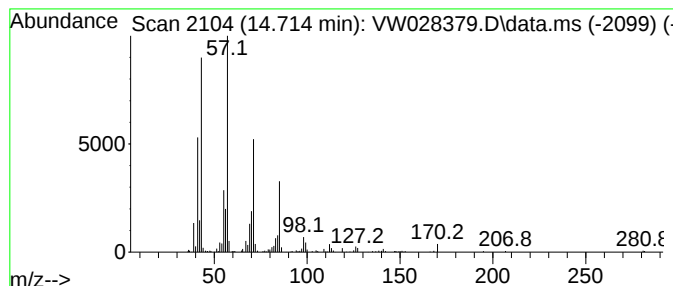
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	2.53 ug/L	105895	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64



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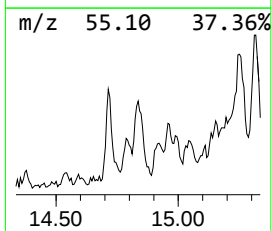
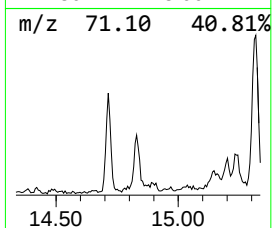
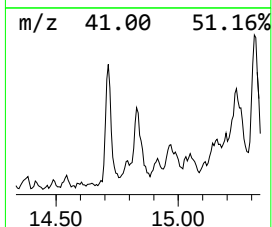
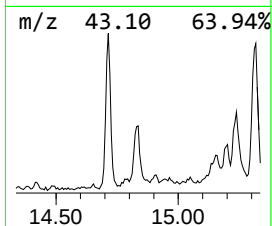
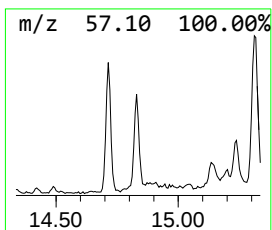
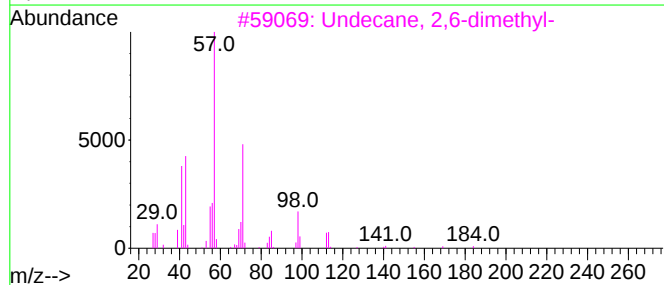
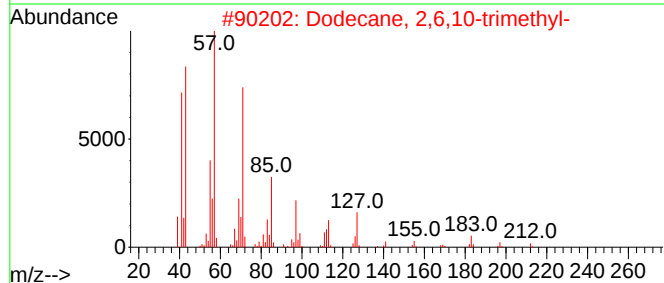
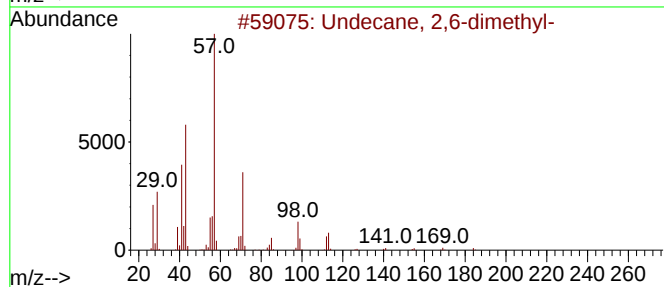
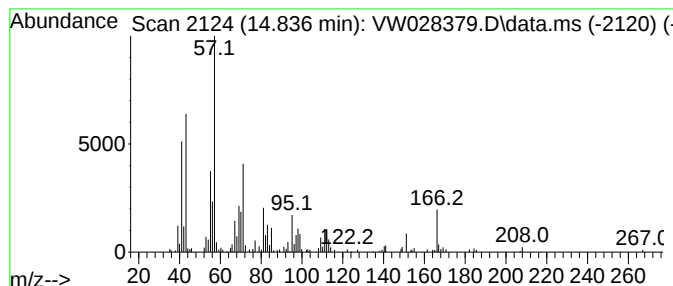
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	2.11 ug/L	88219	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	43



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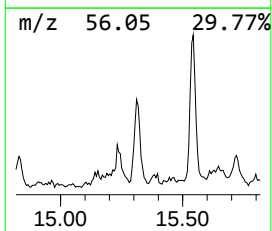
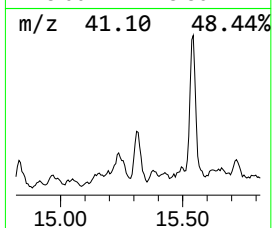
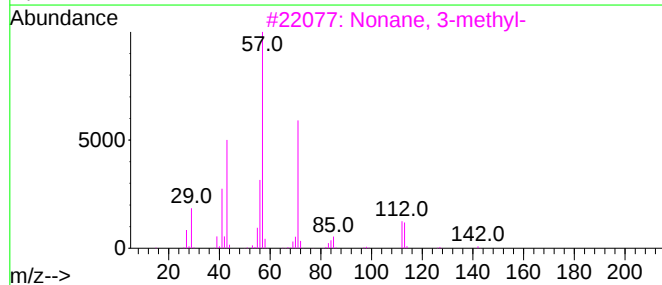
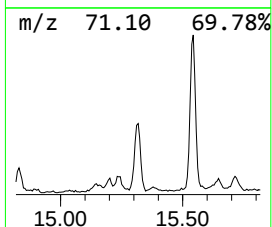
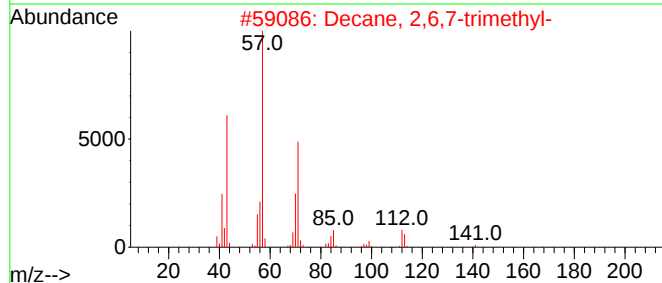
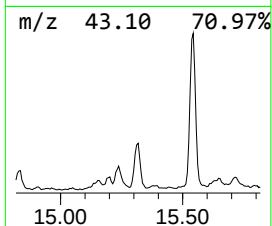
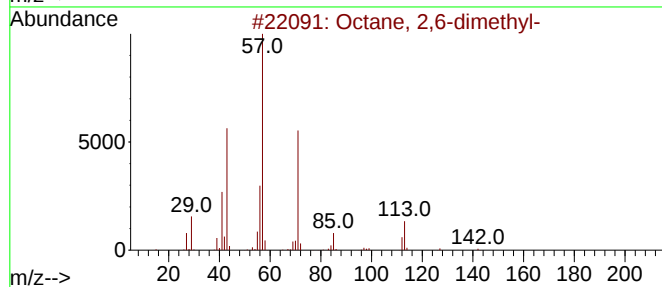
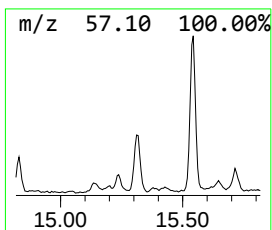
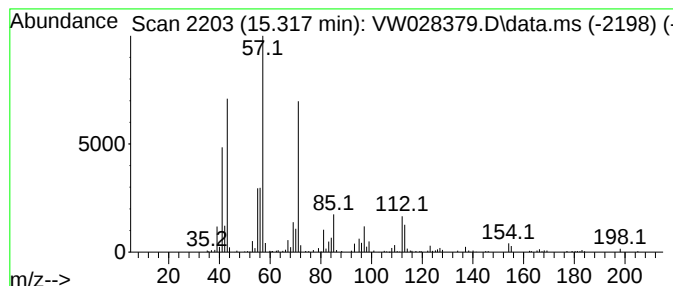
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	3.12 ug/L	130553	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	64
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028379.D
Acq On : 10 Apr 2024 11:17
Operator : SY/MD
Sample : P2037-07
Misc : 2.89g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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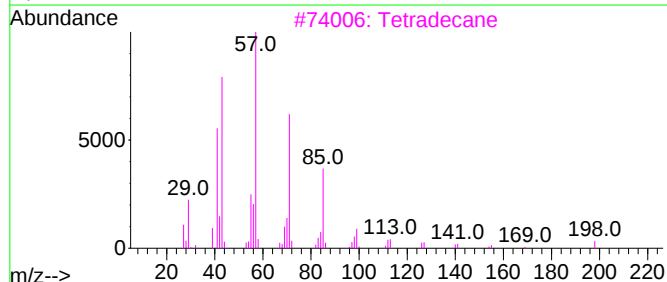
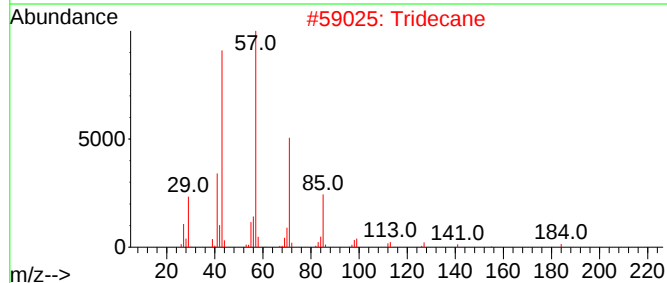
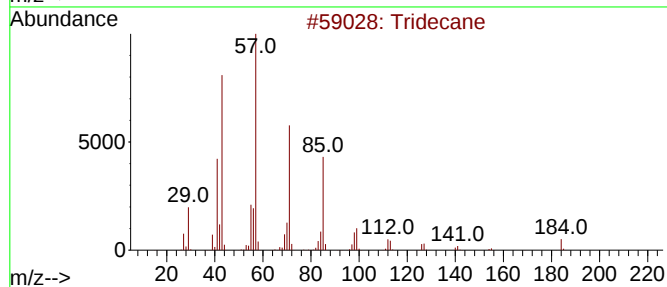
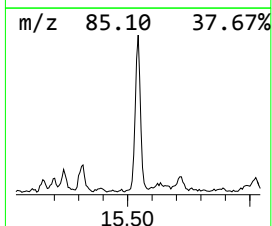
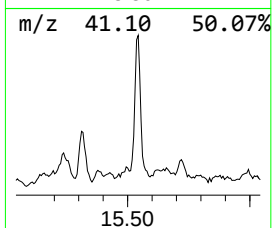
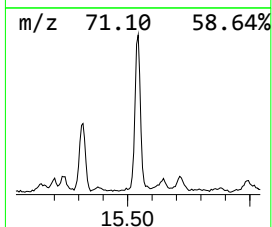
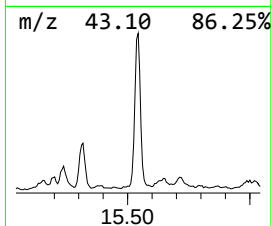
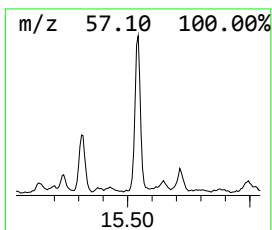
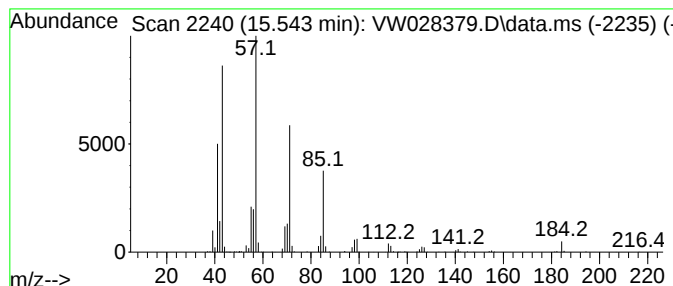
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	7.89 ug/L	329723	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Dodecane	170	C12H26	000112-40-3	90
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028379.D
Acq On : 10 Apr 2024 11:17
Operator : SY/MD
Sample : P2037-07
Misc : 2.89g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E1CY5

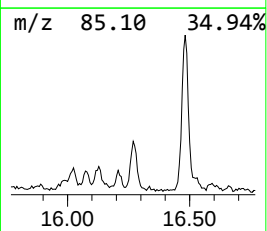
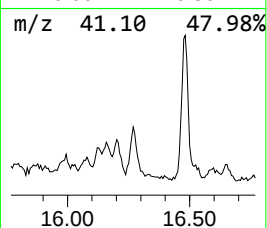
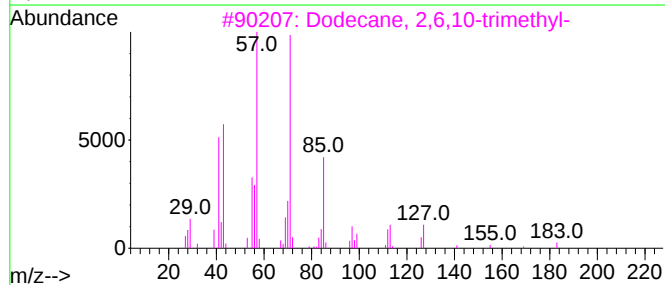
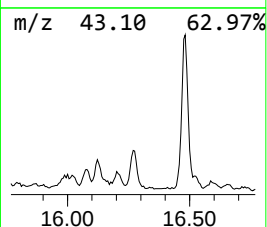
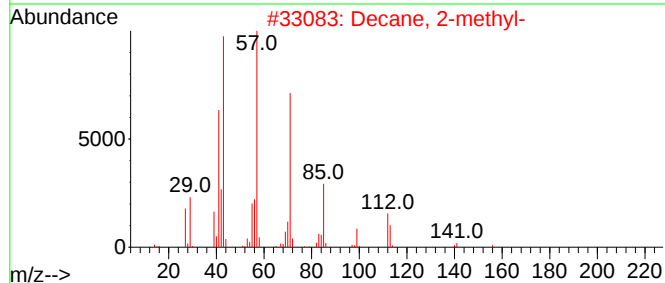
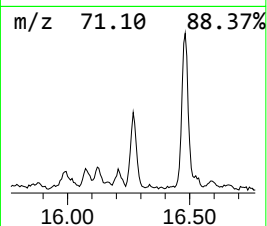
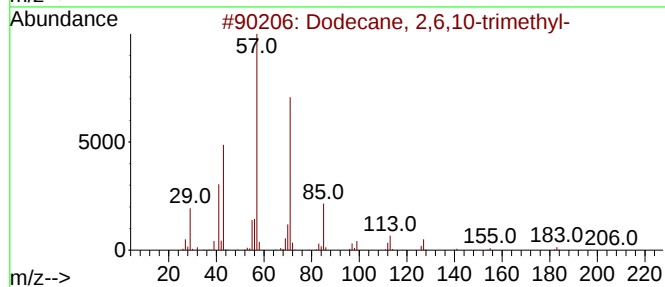
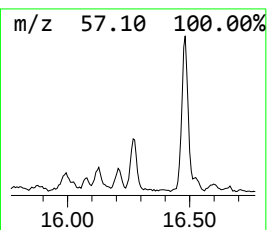
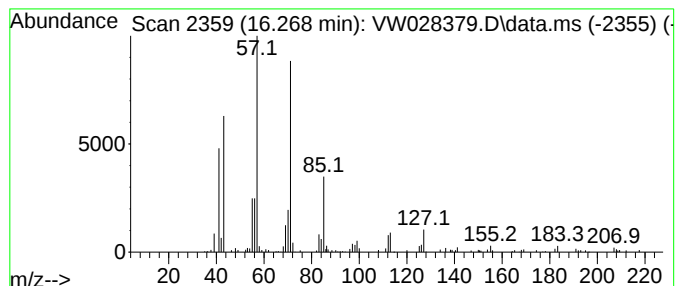
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	2.15 ug/L	90067	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Decane, 2-methyl-	156	C11H24	006975-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028379.D
Acq On : 10 Apr 2024 11:17
Operator : SY/MD
Sample : P2037-07
Misc : 2.89g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E1CY5

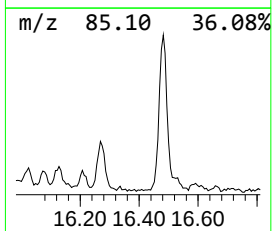
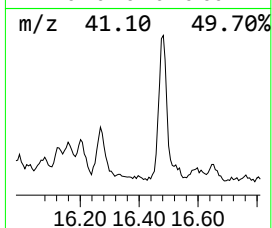
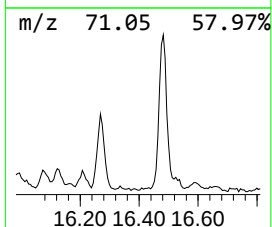
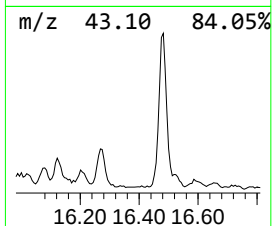
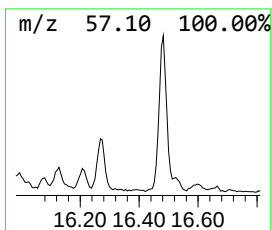
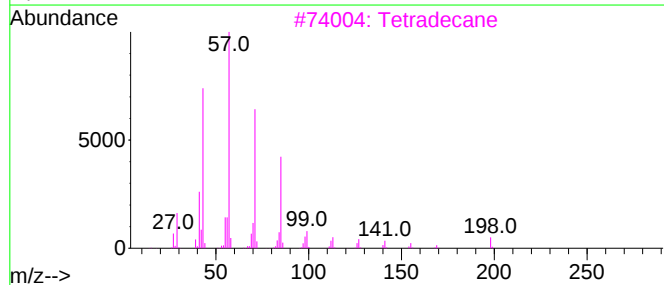
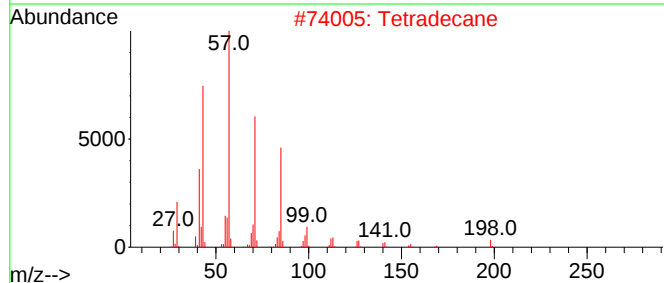
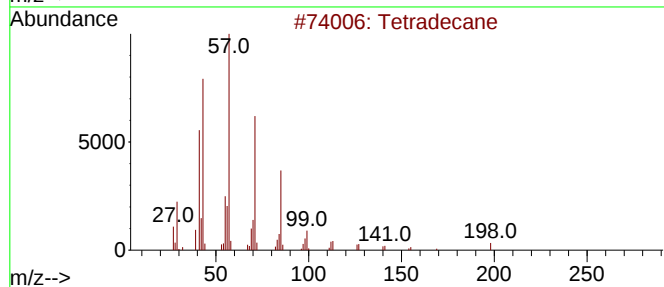
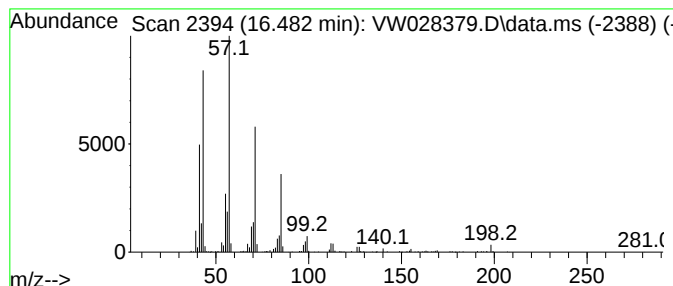
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	5.36 ug/L	224153	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	95
4			Hexadecane	226	C16H34	000544-76-3	87
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028379.D
Acq On : 10 Apr 2024 11:17
Operator : SY/MD
Sample : P2037-07
Misc : 2.89g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E1CY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--			
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(DEL)	Alkane: S...	14.714	2.5	ug/L	105895	3	13.556	1045000 25.0
(DEL)	Alkane: S...	14.836	2.1	ug/L	88219	3	13.556	1045000 25.0
(DEL)	Alkane: S...	15.317	3.1	ug/L	130553	3	13.556	1045000 25.0
(DEL)	Alkane: S...	15.543	7.9	ug/L	329723	3	13.556	1045000 25.0
(DEL)	Alkane: S...	16.268	2.1	ug/L	90067	3	13.556	1045000 25.0
(DEL)	Alkane: S...	16.482	5.4	ug/L	224153	3	13.556	1045000 25.0