

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026768.D
 Acq On : 18 Aug 2023 14:32
 Operator : SY/MD
 Sample : 04037-06
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZE2

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	8	12	22	rVB3	10730	20679	0.76%	0.097%
2	2.168	38	46	51	rBV6	9080	25390	0.93%	0.120%
3	2.363	68	78	92	rBV	83813	274024	10.03%	1.291%
4	2.893	157	165	181	rBV2	82268	252176	9.23%	1.188%
5	3.302	227	232	238	rVB7	2904	6725	0.25%	0.032%
6	3.381	238	245	246	rBV4	6693	8876	0.32%	0.042%
7	4.027	338	351	361	rBV2	203576	741006	27.12%	3.491%
8	4.118	362	366	379	rVB	66042	172745	6.32%	0.814%
9	4.393	397	411	425	rBV	104032	363711	13.31%	1.713%
10	4.606	439	446	450	rBV5	2523	4999	0.18%	0.024%
11	4.923	485	498	520	rVV2	43640	215920	7.90%	1.017%
12	5.435	573	582	591	rVB6	5936	19757	0.72%	0.093%
13	5.789	626	640	648	rVB6	6198	24993	0.91%	0.118%
14	5.935	654	664	677	rBV3	18124	57744	2.11%	0.272%
15	7.075	842	851	860	rBV	79296	239996	8.78%	1.131%
16	7.667	932	948	963	rBV3	325479	1141879	41.79%	5.379%
17	7.917	984	989	999	rBV3	16793	45319	1.66%	0.213%
18	8.039	999	1009	1019	rVB8	8729	29480	1.08%	0.139%
19	8.154	1019	1028	1037	rBV2	38953	89246	3.27%	0.420%
20	8.276	1037	1048	1066	rBV2	921802	2732526	100.00%	12.873%
21	8.526	1083	1089	1093	rBV3	5533	14227	0.52%	0.067%
22	8.575	1093	1097	1108	rVB8	11579	30536	1.12%	0.144%
23	8.697	1109	1117	1127	rBV2	50256	108687	3.98%	0.512%
24	8.843	1132	1141	1155	rBV	848349	1684781	61.66%	7.937%
25	9.075	1170	1179	1196	rVB	542236	1107384	40.53%	5.217%
26	9.276	1202	1212	1226	rBV	625418	1345900	49.25%	6.340%
27	9.386	1226	1230	1237	rVB6	8015	18177	0.67%	0.086%
28	9.514	1245	1251	1258	rVB6	8802	19451	0.71%	0.092%
29	9.685	1271	1279	1285	rBV9	9079	27819	1.02%	0.131%
30	9.746	1285	1289	1294	rVV3	12062	23956	0.88%	0.113%
31	9.806	1294	1299	1303	rVV3	6436	12971	0.47%	0.061%
32	9.855	1303	1307	1308	rVV2	5714	6397	0.23%	0.030%
33	9.898	1311	1314	1318	rVV3	10128	16560	0.61%	0.078%
34	9.959	1318	1324	1327	rVV2	27236	53642	1.96%	0.253%
35	9.989	1327	1329	1331	rVV2	20802	26928	0.99%	0.127%
36	10.032	1331	1336	1342	rVV	315706	573601	20.99%	2.702%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026768.D
 Acq On : 18 Aug 2023 14:32
 Operator : SY/MD
 Sample : 04037-06
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZE2

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	10.093	1342	1346	1357	rVB2	52403	128808	4.71%	0.607%
38	10.191	1357	1362	1363	rBV3	6158	8325	0.30%	0.039%
39	10.325	1373	1384	1390	rBV	1206384	2144662	78.49%	10.103%
40	10.386	1390	1394	1406	rVB	69933	173409	6.35%	0.817%
41	10.501	1406	1413	1419	rVB	84907	150313	5.50%	0.708%
42	10.575	1419	1425	1431	rBV	205597	366015	13.39%	1.724%
43	10.697	1440	1445	1450	rBV2	21743	40513	1.48%	0.191%
44	10.770	1455	1457	1463	rVB5	9815	15631	0.57%	0.074%
45	10.855	1464	1471	1476	rBV7	11250	24882	0.91%	0.117%
46	10.922	1476	1482	1496	rBV2	205773	408573	14.95%	1.925%
47	11.032	1496	1500	1501	rBV3	5556	6830	0.25%	0.032%
48	11.068	1501	1506	1516	rVB6	18566	38509	1.41%	0.181%
49	11.178	1521	1524	1527	rBV4	8881	11898	0.44%	0.056%
50	11.221	1527	1531	1532	rBV4	6831	7022	0.26%	0.033%
51	11.337	1547	1550	1553	rBV3	6631	10197	0.37%	0.048%
52	11.404	1553	1561	1566	rVB3	34196	77214	2.83%	0.364%
53	11.507	1573	1578	1584	rVB	38923	59665	2.18%	0.281%
54	11.629	1591	1598	1606	rBV	1080941	1830884	67.00%	8.625%
55	11.727	1607	1614	1620	rVV4	54997	104040	3.81%	0.490%
56	11.788	1620	1624	1625	rVV3	11796	15930	0.58%	0.075%
57	11.837	1625	1632	1642	rVB4	87887	196287	7.18%	0.925%
58	11.922	1642	1646	1649	rBV3	9529	12975	0.47%	0.061%
59	12.038	1658	1665	1666	rBV7	4858	11253	0.41%	0.053%
60	12.166	1678	1686	1693	rBV3	37825	84256	3.08%	0.397%
61	12.233	1693	1697	1703	rBV2	29898	49688	1.82%	0.234%
62	12.337	1709	1714	1717	rBV3	20432	35294	1.29%	0.166%
63	12.428	1727	1729	1731	rBV3	5164	5304	0.19%	0.025%
64	12.465	1732	1735	1738	rBV4	9133	13899	0.51%	0.065%
65	12.605	1753	1758	1763	rBV2	20941	33597	1.23%	0.158%
66	12.690	1768	1772	1778	rBV	67339	109392	4.00%	0.515%
67	12.751	1779	1782	1785	rVB4	7852	9324	0.34%	0.044%
68	12.800	1785	1790	1793	rBV	17006	30057	1.10%	0.142%
69	12.830	1793	1795	1796	rVV	10556	9559	0.35%	0.045%
70	12.867	1797	1801	1807	rVV2	22414	61410	2.25%	0.289%
71	12.928	1807	1811	1816	rVB2	40781	69113	2.53%	0.326%
72	13.099	1836	1839	1848	rVB5	14390	33389	1.22%	0.157%
73	13.190	1851	1854	1855	rBV3	4483	4825	0.18%	0.023%
74	13.251	1858	1864	1867	rBV	33180	64315	2.35%	0.303%
75	13.397	1880	1888	1900	rBV10	37555	104899	3.84%	0.494%
76	13.556	1908	1914	1927	rVB	832982	1363663	49.90%	6.424%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026768.D
 Acq On : 18 Aug 2023 14:32
 Operator : SY/MD
 Sample : 04037-06
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZE2

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

77	13.708	1936	1939	1942	rBV5	3995	6718	0.25%	0.032%
78	13.751	1942	1946	1950	rVV3	16604	27590	1.01%	0.130%
79	13.787	1950	1952	1953	rVV2	7204	7257	0.27%	0.034%
80	13.848	1955	1962	1970	rVV	704600	1177750	43.10%	5.548%
81	13.928	1973	1975	1983	rVB7	14151	30745	1.13%	0.145%
82	14.062	1993	1997	2006	rVB	25405	52857	1.93%	0.249%
83	14.208	2015	2021	2026	rBV8	10717	31127	1.14%	0.147%
84	14.293	2026	2035	2036	rVV9	24038	62266	2.28%	0.293%
85	14.318	2036	2039	2045	rVB3	34630	60074	2.20%	0.283%
86	14.489	2065	2067	2070	rBV3	5842	5987	0.22%	0.028%
87	14.623	2086	2089	2095	rVB8	7844	13966	0.51%	0.066%
88	14.690	2095	2100	2101	rBV4	9613	11934	0.44%	0.056%
89	14.714	2102	2104	2110	rVB5	12065	18176	0.67%	0.086%
90	14.787	2112	2116	2118	rBV3	6405	9687	0.35%	0.046%
91	14.860	2125	2128	2133	rVB7	6831	10596	0.39%	0.050%
92	14.952	2140	2143	2149	rVB8	6343	10905	0.40%	0.051%
93	15.062	2156	2161	2165	rBV7	7750	15282	0.56%	0.072%
94	15.129	2166	2172	2177	rVV	24934	46441	1.70%	0.219%
95	15.171	2177	2179	2186	rVB8	6448	12489	0.46%	0.059%
96	15.360	2204	2210	2218	rBV	20861	42287	1.55%	0.199%
97	15.427	2218	2221	2223	rBV2	6020	6897	0.25%	0.032%
98	15.805	2277	2283	2287	rBV8	6618	12154	0.44%	0.057%
99	16.433	2380	2386	2392	rBV	23909	50020	1.83%	0.236%
100	16.628	2414	2418	2429	rVB5	15197	40154	1.47%	0.189%

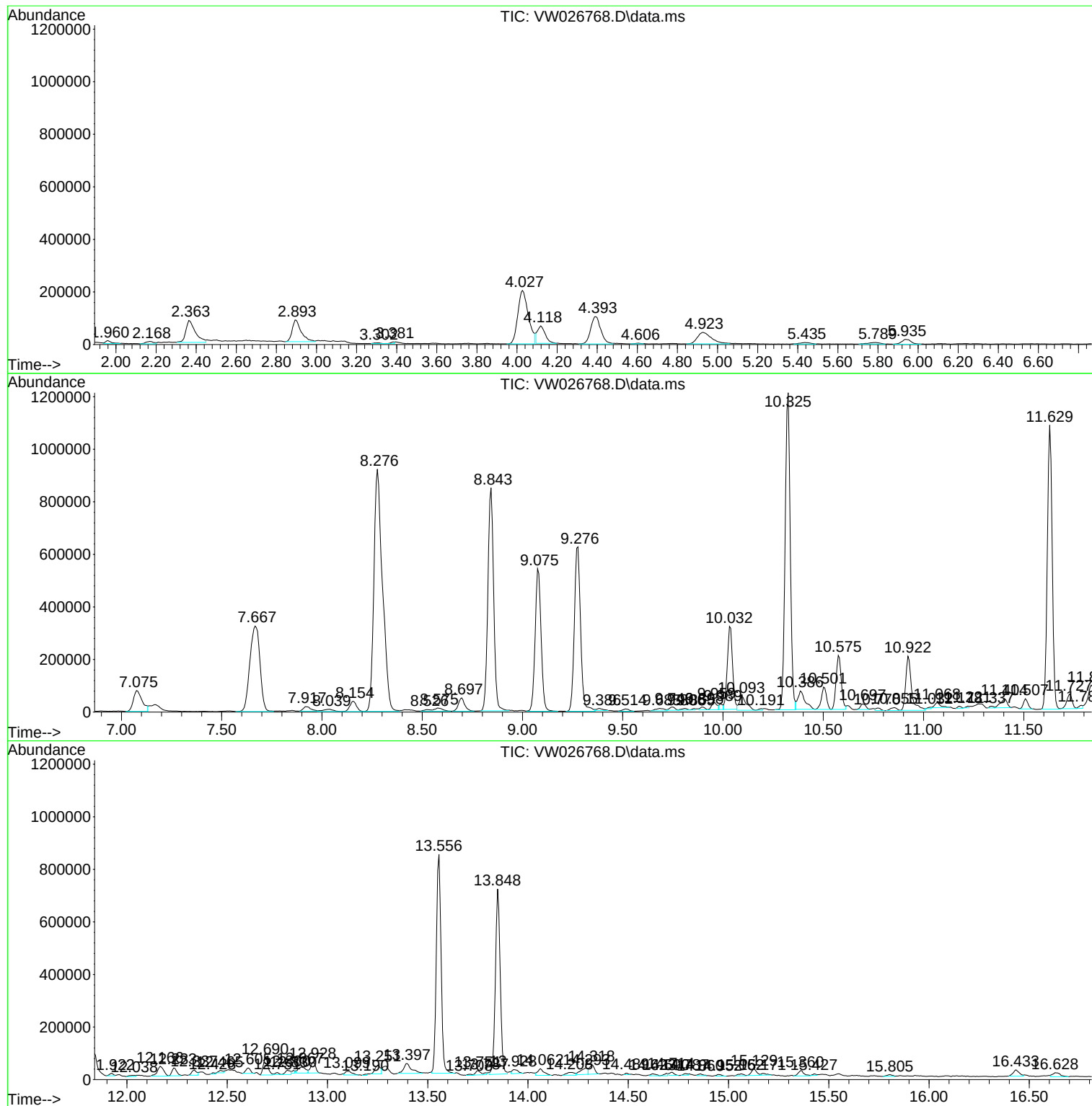
Sum of corrected areas: 21227386

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

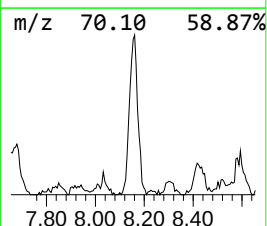
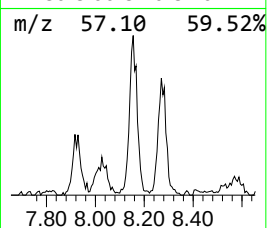
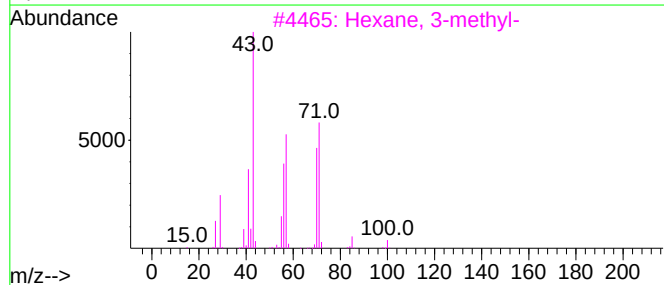
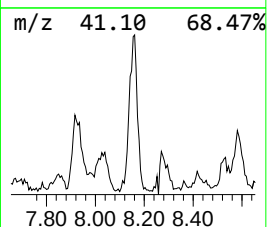
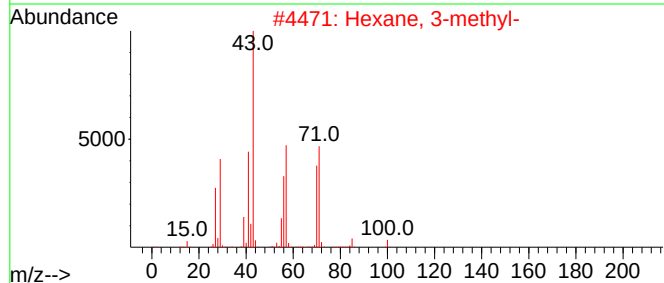
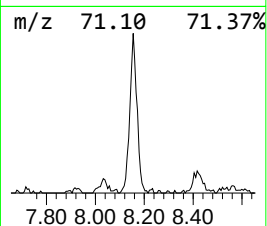
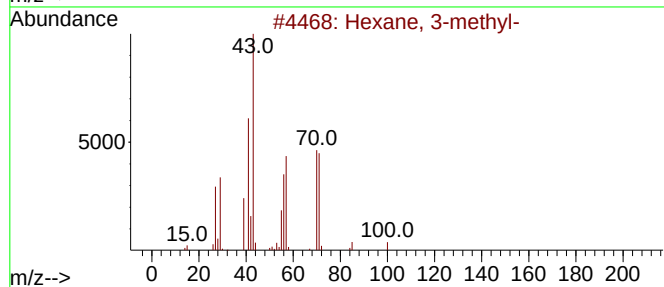
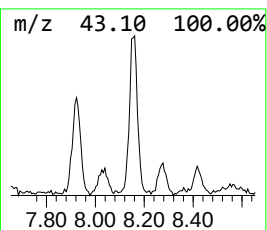
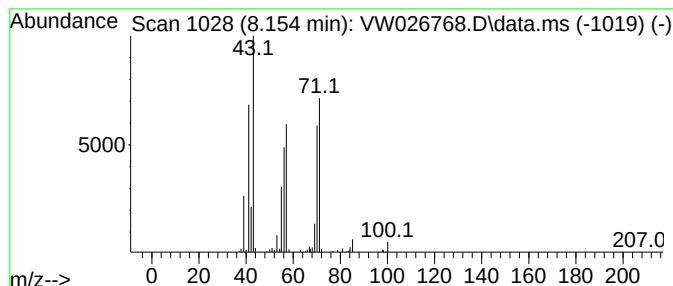
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	1.32 ug/L	89246	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	80
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	72
4			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

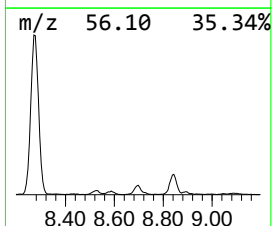
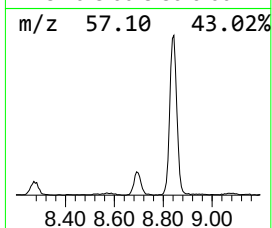
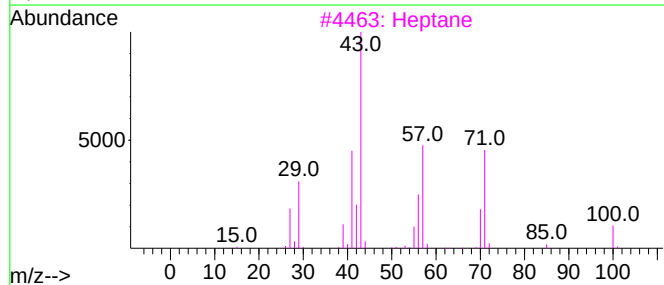
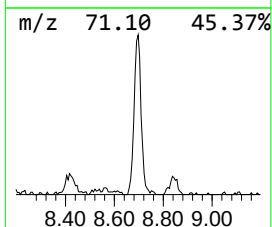
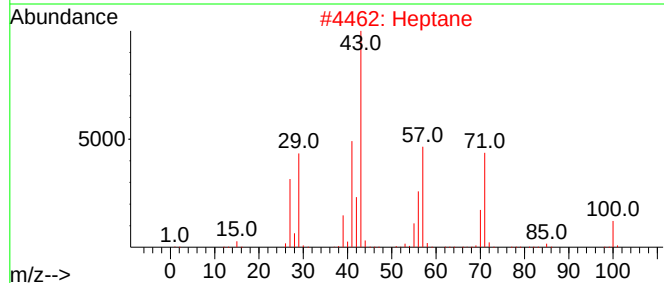
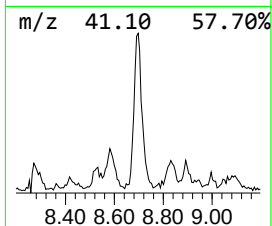
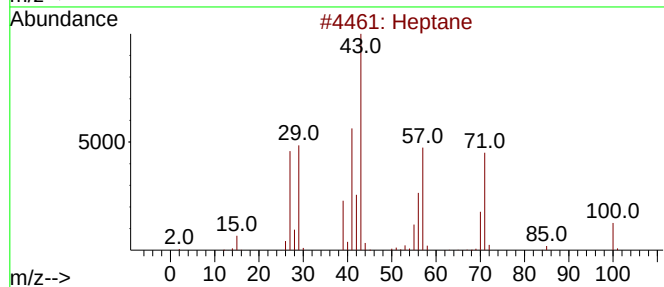
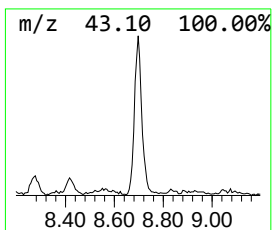
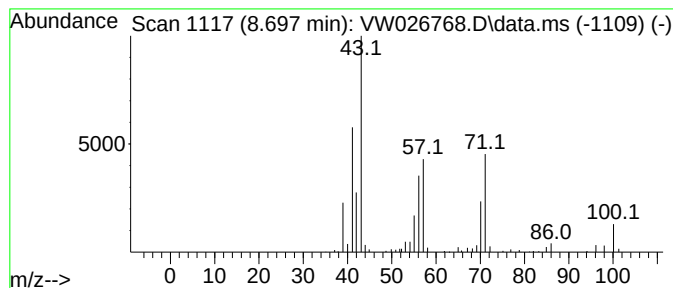
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	1.61 ug/L	108687	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	90
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	83
4		Heptane	100	C7H16	000142-82-5	80
5		Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

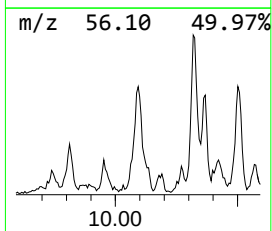
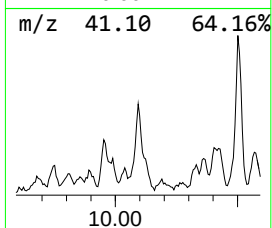
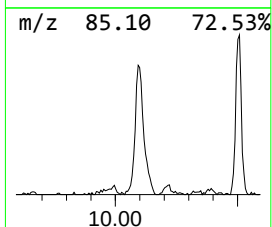
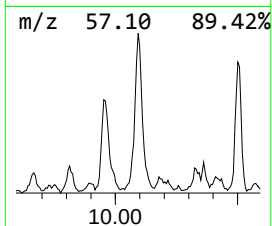
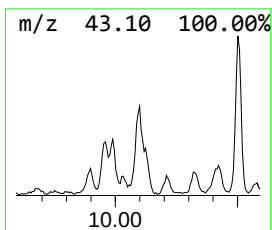
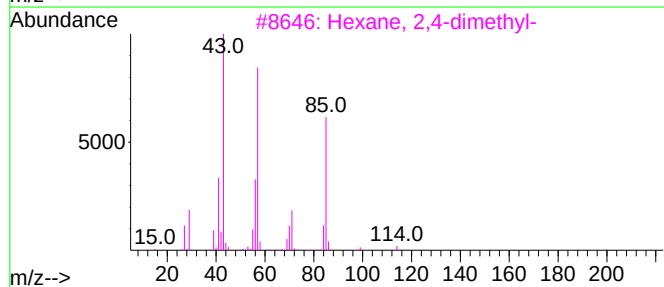
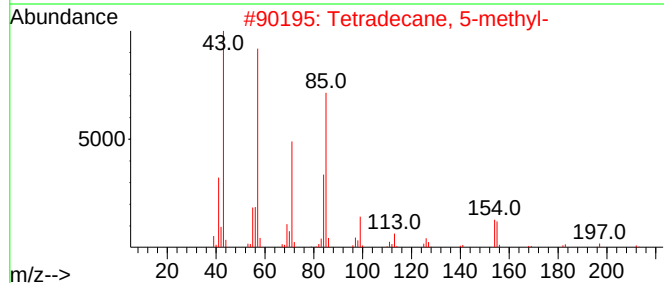
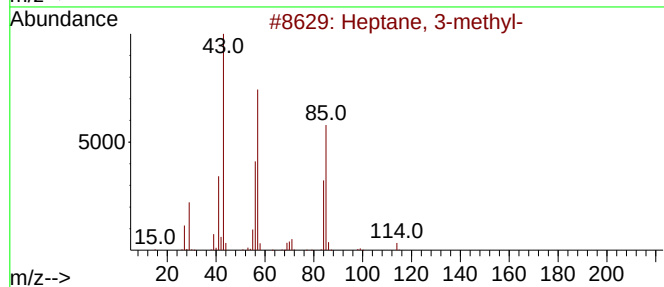
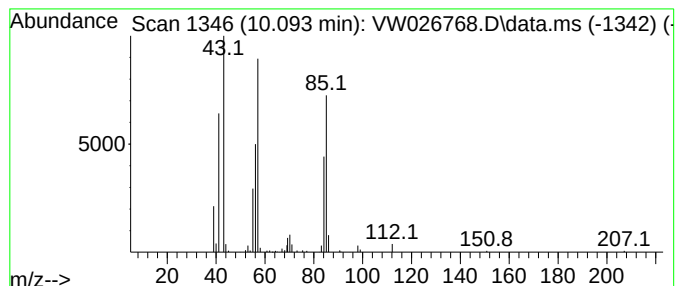
Instrument :
MSVOA_W
ClientSampleId :
EZY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.093	1.91 ug/L	128808	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

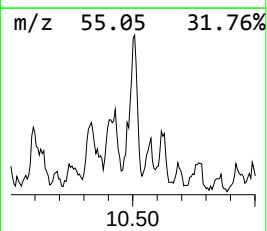
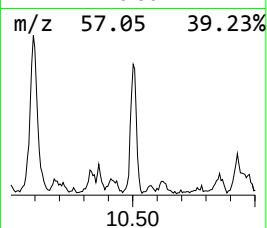
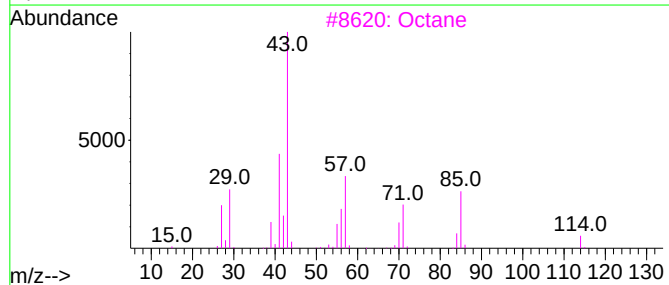
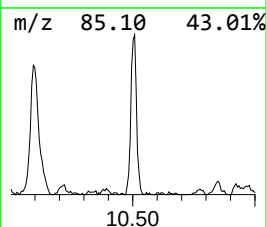
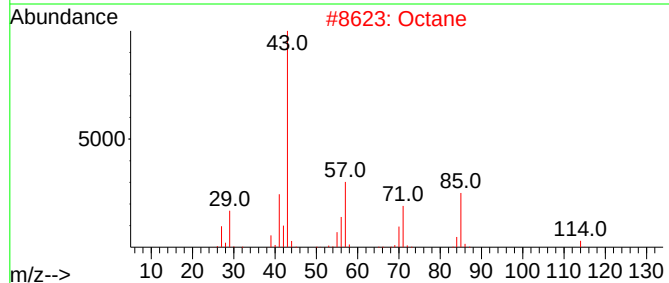
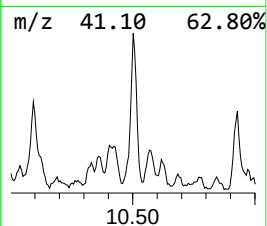
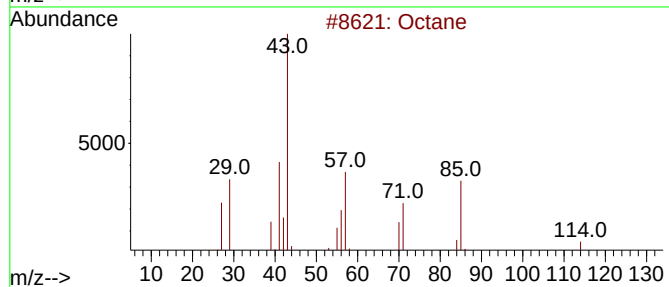
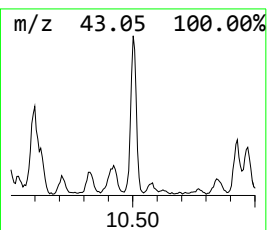
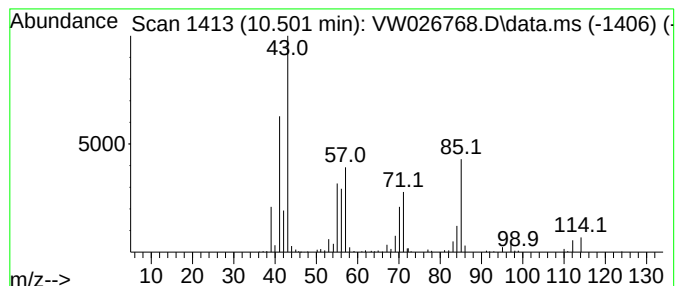
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	2.05 ug/L	150313	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	90
2	Octane			114	C8H18	000111-65-9	86
3	Octane			114	C8H18	000111-65-9	74
4	Octane			114	C8H18	000111-65-9	64
5	Octane			114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

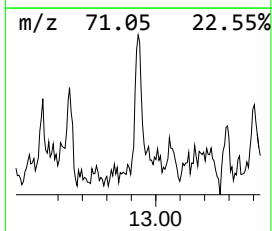
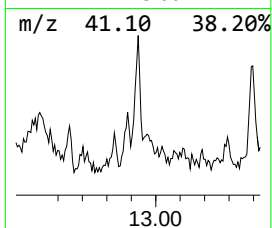
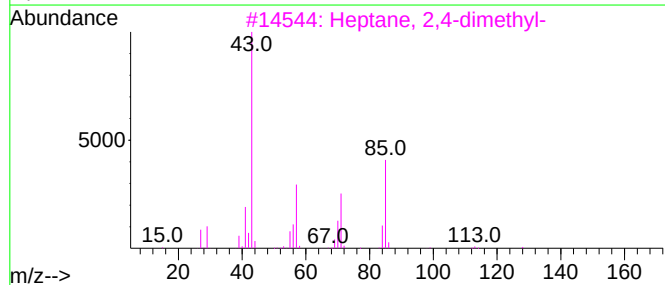
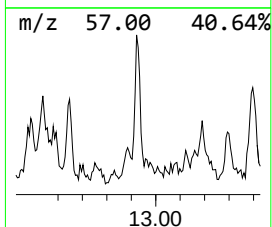
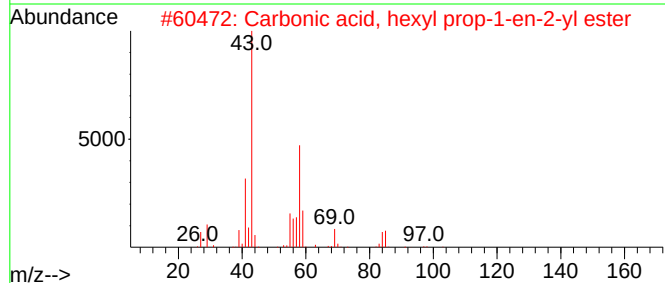
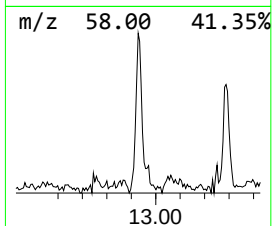
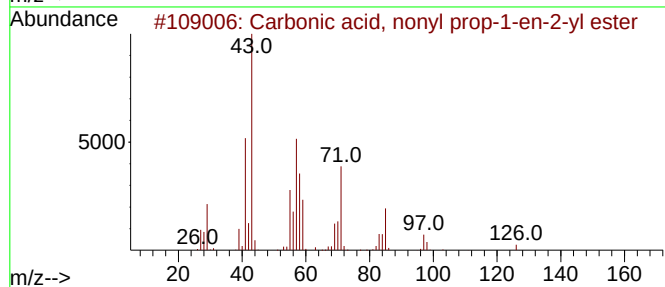
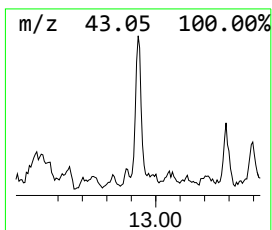
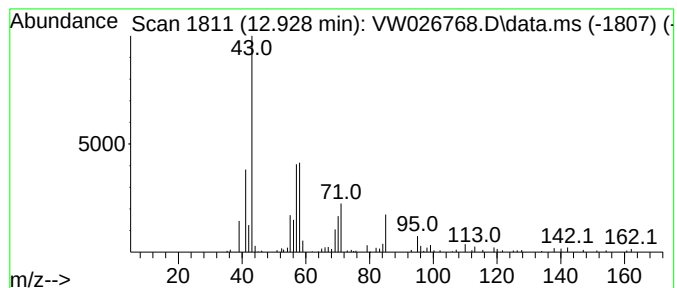
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	1.27 ug/L	69113	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	47
2			Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	47
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
4			Octane	114	C8H18	000111-65-9	35
5			Octane	114	C8H18	000111-65-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

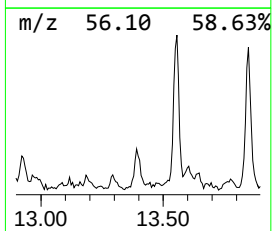
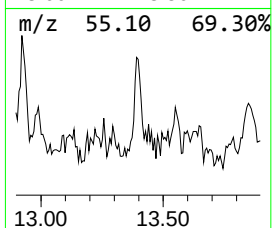
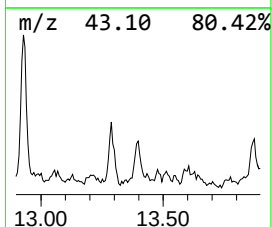
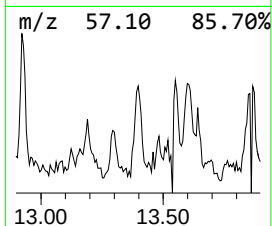
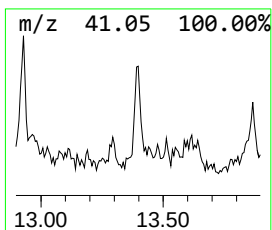
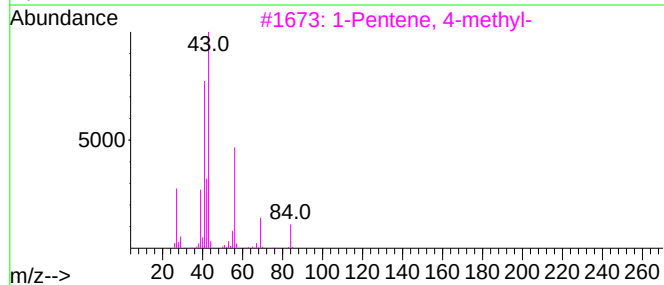
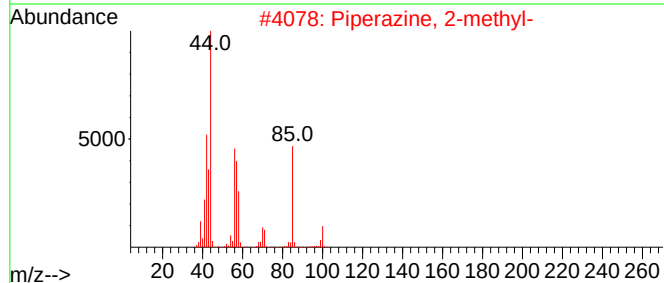
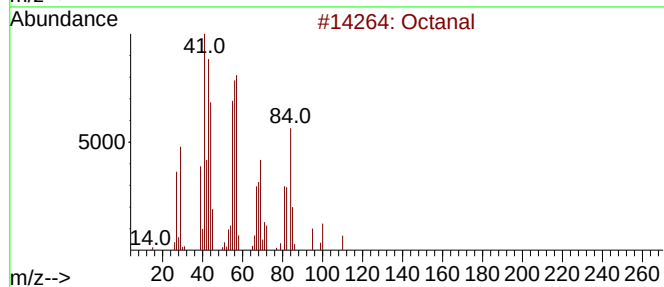
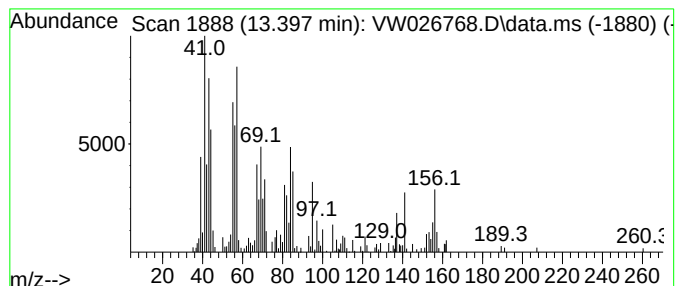
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	1.92 ug/L	104899	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	52
2	Piperazine, 2-methyl-			100	C5H12N2	000109-07-9	30
3	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	25
4	2H-1,3-Oxazine-2,4(3H)-dione, 3,...			141	C6H7N03	1000327-48-4	25
5	1-Undecene			154	C11H22	000821-95-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026768.D
Acq On : 18 Aug 2023 14:32
Operator : SY/MD
Sample : 04037-06
Misc : 5.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	8.154	1.3	ug/L	89246	1	8.843	1684780	25.0
(DEL) Alkane: S...	8.697	1.6	ug/L	108687	1	8.843	1684780	25.0
(DEL) Alkane: S...	10.093	1.9	ug/L	128808	1	8.843	1684780	25.0
(DEL) Alkane: S...	10.502	2.0	ug/L	150313	2	11.629	1830880	25.0
unknown-01	12.928	1.3	ug/L	69113	3	13.556	1363660	25.0
Octanal	13.397	1.9	ug/L	104899	3	13.556	1363660	25.0