

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031345.D
 Acq On : 18 Dec 2024 17:15
 Operator : SY/MD
 Sample : P5265-14
 Misc : 9.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Z9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Title : SFAM01.0

Signal : TIC: VW031345.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	9	12	25	rVB	41612	76094	1.68%	0.132%
2	2.162	40	45	47	rBV2	9683	16886	0.37%	0.029%
3	2.216	48	54	56	rVV4	3520	11546	0.25%	0.020%
4	2.357	67	77	92	rBV	134139	415932	9.17%	0.722%
5	2.893	158	165	179	rBV	124354	377393	8.32%	0.655%
6	3.411	241	250	256	rVB6	6712	20857	0.46%	0.036%
7	3.850	317	322	326	rVV6	1603	3293	0.07%	0.006%
8	4.015	338	349	370	rBV	262516	930820	20.53%	1.615%
9	4.204	376	380	393	rVB4	19763	55352	1.22%	0.096%
10	4.369	400	407	409	rBV6	4674	8706	0.19%	0.015%
11	4.643	442	452	453	rBV3	2992	6700	0.15%	0.012%
12	4.686	454	459	468	rVV4	4513	16703	0.37%	0.029%
13	4.911	491	496	497	rBV5	1724	2801	0.06%	0.005%
14	5.752	626	634	639	rBV7	2179	6758	0.15%	0.012%
15	5.947	656	666	672	rBV5	5073	16156	0.36%	0.028%
16	7.106	844	856	859	rBV2	26157	73640	1.62%	0.128%
17	7.526	919	925	926	rBV6	1706	3008	0.07%	0.005%
18	7.648	935	945	961	rVB	478414	1196689	26.39%	2.077%
19	8.154	1024	1028	1032	rVB7	2022	3022	0.07%	0.005%
20	8.270	1036	1047	1066	rBV2	919588	2779296	61.30%	4.823%
21	8.520	1083	1088	1089	rBV5	2346	2885	0.06%	0.005%
22	8.691	1109	1116	1117	rBV7	3406	4683	0.10%	0.008%
23	8.837	1130	1140	1153	rBV	1606754	3166594	69.84%	5.495%
24	9.075	1172	1179	1187	rBV4	15999	37007	0.82%	0.064%
25	9.270	1202	1211	1226	rBV	635652	1294378	28.55%	2.246%
26	9.435	1234	1238	1239	rBV2	2192	2278	0.05%	0.004%
27	9.843	1303	1305	1310	rBV5	1950	2099	0.05%	0.004%
28	10.032	1329	1336	1344	rBV	170708	312224	6.89%	0.542%
29	10.130	1348	1352	1359	rVB8	6484	12751	0.28%	0.022%
30	10.203	1359	1364	1373	rVB7	6325	14085	0.31%	0.024%
31	10.319	1376	1383	1391	rBV	1042729	1843915	40.67%	3.200%
32	10.508	1408	1414	1419	rVB8	4421	8530	0.19%	0.015%
33	10.575	1419	1425	1433	rBV	106855	181551	4.00%	0.315%
34	10.697	1440	1445	1451	rVV2	16950	28370	0.63%	0.049%
35	10.861	1467	1472	1477	rBV7	8979	16735	0.37%	0.029%
36	10.928	1477	1483	1496	rVV5	39430	143414	3.16%	0.249%

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Integrator: RTE

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Stop Thrs : 0

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Title : SFAM01.0

37	11.507	1575	1578	1583	rVB2	11086	15847	0.35%	0.028%
38	11.629	1590	1598	1608	rBV	1562161	2670568	58.90%	4.635%
39	11.727	1610	1614	1618	rBV	9882	14792	0.33%	0.026%
40	11.837	1623	1632	1636	rBV2	98007	191132	4.22%	0.332%
41	12.056	1664	1668	1673	rVB3	20894	34101	0.75%	0.059%
42	12.135	1673	1681	1691	rBV7	65456	220529	4.86%	0.383%
43	12.245	1692	1699	1704	rVB	152795	247725	5.46%	0.430%
44	12.361	1704	1718	1729	rBV5	156948	594382	13.11%	1.032%
45	12.465	1729	1735	1743	rBV	759974	1459744	32.20%	2.533%
46	12.538	1743	1747	1749	rVV	150407	239740	5.29%	0.416%
47	12.562	1749	1751	1755	rVB	156003	179044	3.95%	0.311%
48	12.611	1756	1759	1761	rBV4	24241	33482	0.74%	0.058%
49	12.641	1761	1764	1767	rBV	113212	132427	2.92%	0.230%
50	12.690	1767	1772	1781	rVB	349075	619452	13.66%	1.075%
51	12.776	1782	1786	1793	rVB3	130093	247441	5.46%	0.429%
52	12.861	1793	1800	1803	rBV4	130046	267136	5.89%	0.464%
53	12.922	1803	1810	1817	rBV2	1329857	2324115	51.26%	4.033%
54	12.983	1817	1820	1823	rVV2	87707	120703	2.66%	0.209%
55	13.019	1823	1826	1831	rVB	181615	292584	6.45%	0.508%
56	13.074	1831	1835	1838	rBV	124951	203950	4.50%	0.354%
57	13.123	1839	1843	1845	rVV2	71784	106665	2.35%	0.185%
58	13.160	1845	1849	1855	rVB	715301	1068600	23.57%	1.854%
59	13.245	1855	1863	1867	rBV2	231515	464479	10.24%	0.806%
60	13.288	1867	1870	1874	rVB	129638	170932	3.77%	0.297%
61	13.336	1874	1878	1882	rBV	204078	334278	7.37%	0.580%
62	13.440	1888	1895	1898	rBV4	475512	947365	20.89%	1.644%
63	13.477	1898	1901	1904	rVV2	463259	692764	15.28%	1.202%
64	13.513	1904	1907	1909	rVV	265962	358354	7.90%	0.622%
65	13.550	1909	1913	1921	rVB3	1119851	1902216	41.95%	3.301%
66	13.617	1921	1924	1931	rVB	365315	504230	11.12%	0.875%
67	13.708	1931	1939	1941	rBV3	144477	385020	8.49%	0.668%
68	13.739	1942	1944	1948	rVB	162469	198288	4.37%	0.344%
69	13.788	1948	1952	1958	rBV4	191907	428992	9.46%	0.744%
70	13.867	1958	1965	1970	rBV2	2817260	4533960	100.00%	7.868%
71	13.909	1970	1972	1975	rVV2	86997	98230	2.17%	0.170%
72	14.025	1985	1991	1997	rBV6	292001	662573	14.61%	1.150%
73	14.086	1997	2001	2005	rVB	196630	267349	5.90%	0.464%
74	14.123	2005	2007	2013	rVB3	270551	362620	8.00%	0.629%
75	14.190	2013	2018	2024	rBV4	295865	563606	12.43%	0.978%
76	14.257	2024	2029	2035	rBV7	139299	310133	6.84%	0.538%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Title : SFAM01.0

77	14.336	2035	2042	2045	rBV4	292848	612890	13.52%	1.064%
78	14.379	2046	2049	2053	rVV3	397750	545216	12.03%	0.946%
79	14.422	2053	2056	2059	rVV2	247723	292770	6.46%	0.508%
80	14.489	2063	2067	2073	rBV2	424713	722531	15.94%	1.254%
81	14.635	2088	2091	2094	rBV3	56681	90367	1.99%	0.157%
82	14.714	2099	2104	2109	rVV	1353710	1891905	41.73%	3.283%
83	14.781	2110	2115	2119	rVV2	392187	821834	18.13%	1.426%
84	14.830	2119	2123	2130	rVV2	591470	1197099	26.40%	2.077%
85	14.921	2133	2138	2141	rVV2	281640	526036	11.60%	0.913%
86	14.958	2141	2144	2149	rVB2	337097	573079	12.64%	0.995%
87	15.050	2156	2159	2162	rBV4	106270	162028	3.57%	0.281%
88	15.092	2163	2166	2170	rVV3	83622	167662	3.70%	0.291%
89	15.239	2185	2190	2197	rVV3	388466	837837	18.48%	1.454%
90	15.312	2197	2202	2210	rVB	977413	1982167	43.72%	3.440%
91	15.543	2235	2240	2248	rVB	1577692	2706030	59.68%	4.696%
92	15.653	2249	2258	2263	rBV7	254858	843401	18.60%	1.464%
93	15.714	2264	2268	2277	rVB3	311065	610401	13.46%	1.059%
94	15.854	2288	2291	2296	rBV4	104395	162764	3.59%	0.282%
95	16.080	2324	2328	2331	rBV3	134580	208772	4.60%	0.362%
96	16.129	2332	2336	2344	rVV4	261125	679493	14.99%	1.179%
97	16.208	2344	2349	2354	rVB2	296167	546145	12.05%	0.948%
98	16.269	2354	2359	2368	rVB	824375	1570550	34.64%	2.726%
99	16.360	2369	2374	2380	rBV4	143503	332543	7.33%	0.577%
100	16.482	2388	2394	2399	rBV	1090663	1976095	43.58%	3.429%

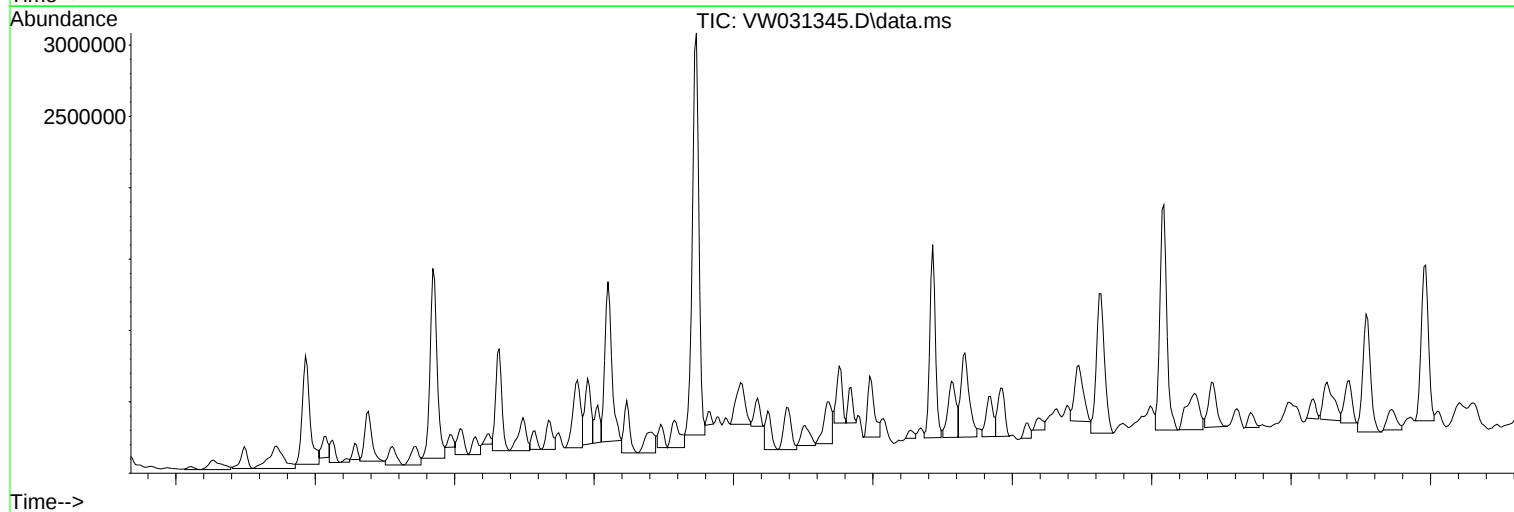
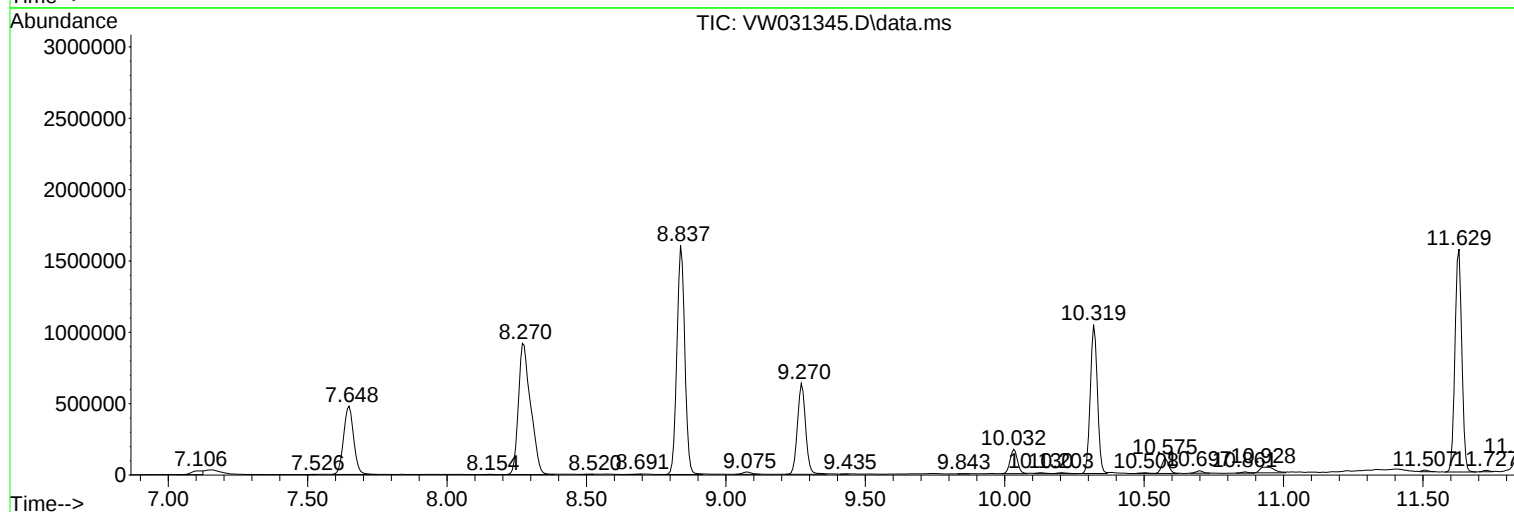
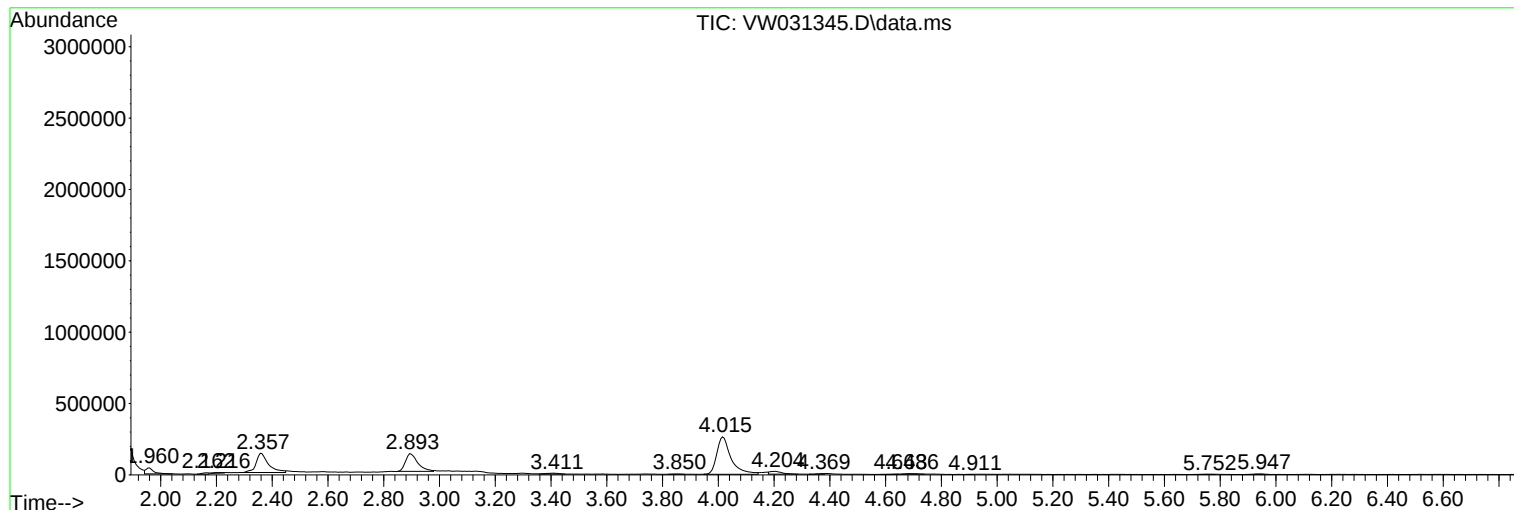
Sum of corrected areas: 57622314

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2829

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
ClientSampleId :
E28Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

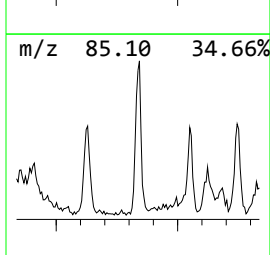
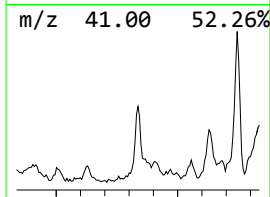
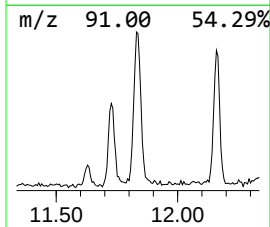
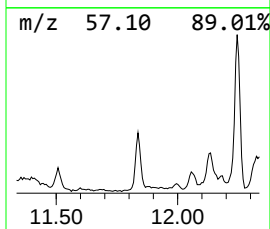
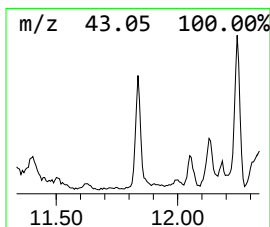
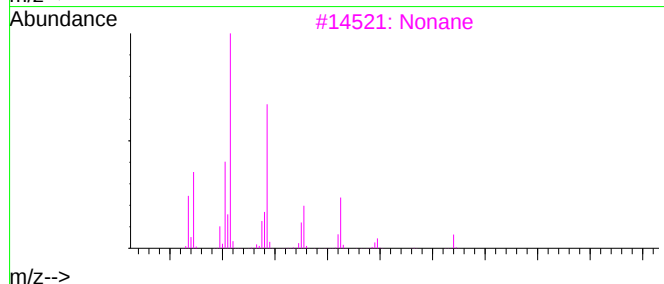
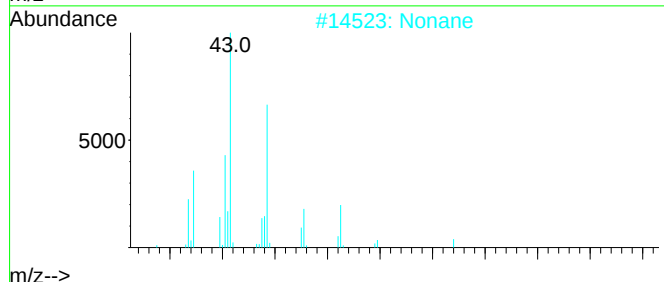
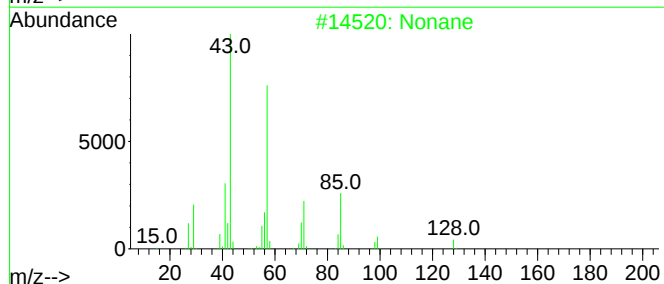
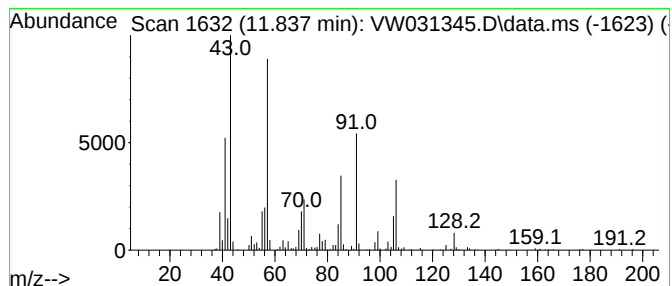
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	1.79 ug/L	191132	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	93
3	Nonane	128	C9H20	000111-84-2	76
4	Nonane	128	C9H20	000111-84-2	76
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38



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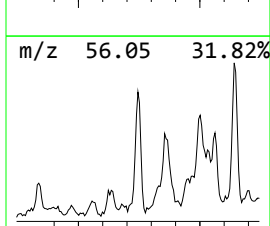
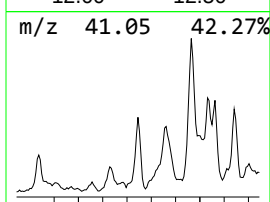
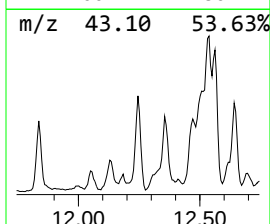
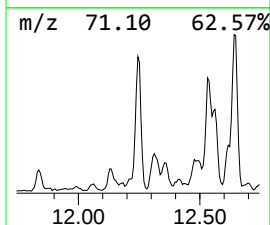
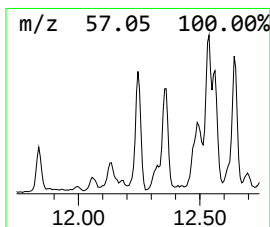
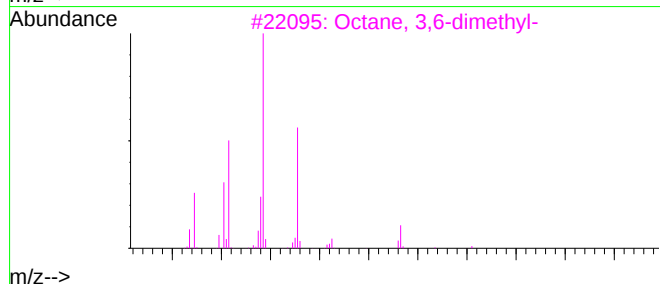
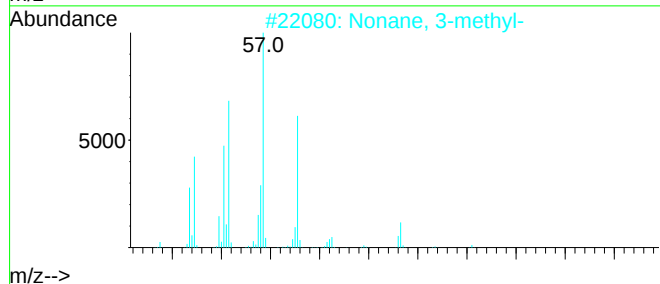
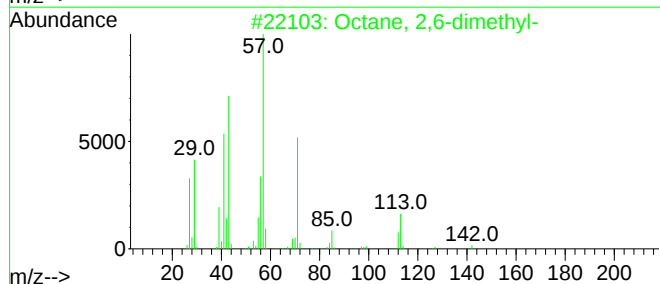
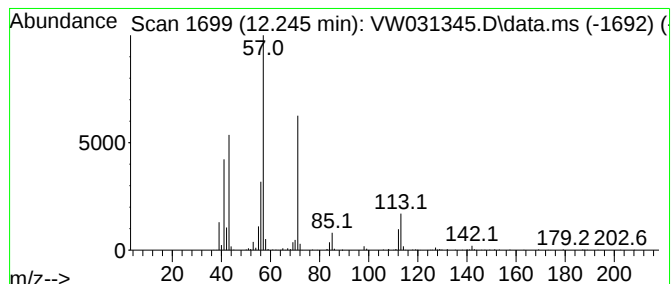
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.245	2.32 ug/L	247725	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

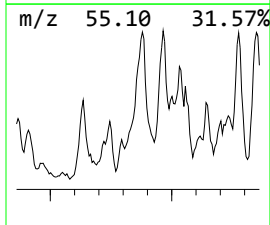
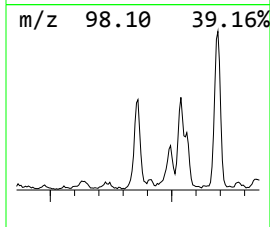
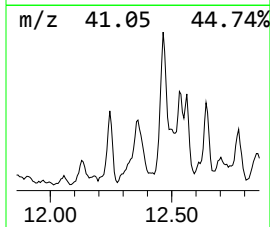
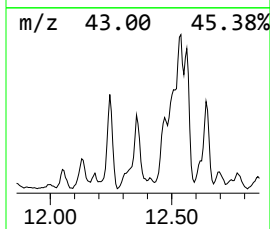
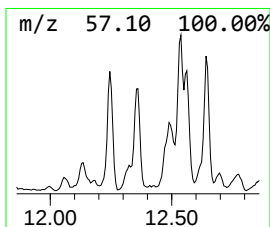
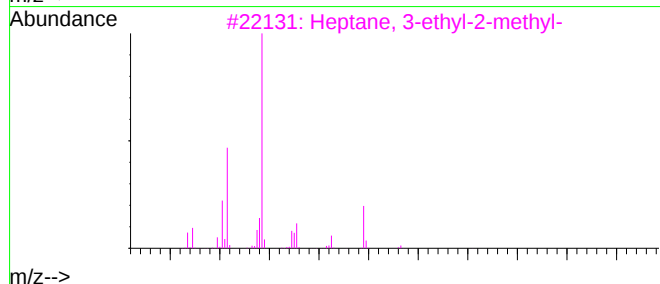
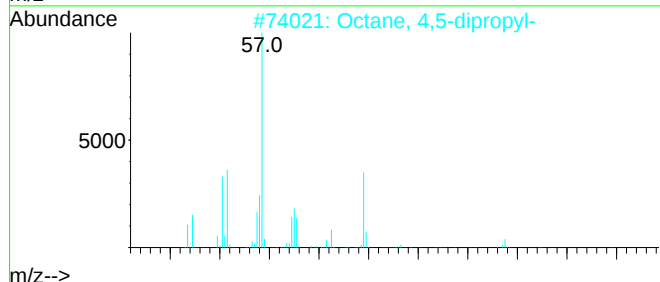
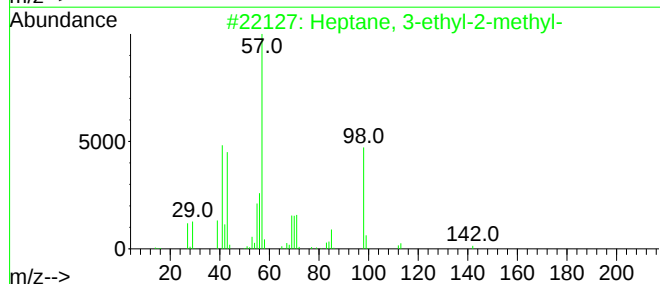
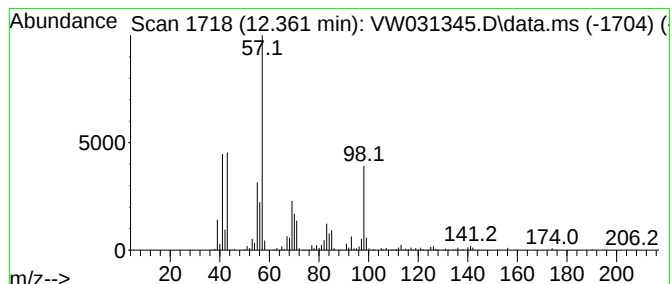
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	5.56 ug/L	594382	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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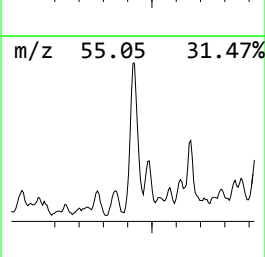
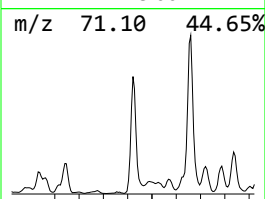
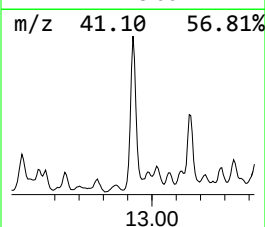
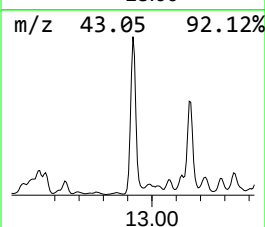
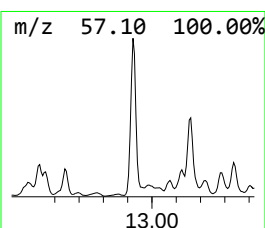
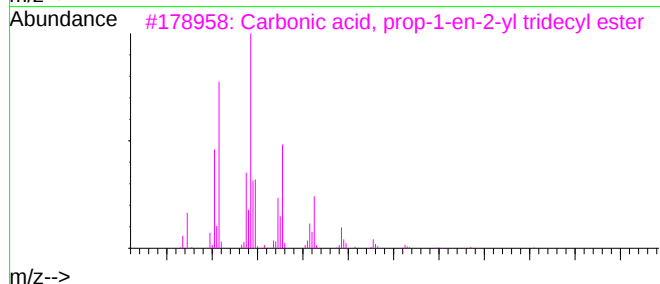
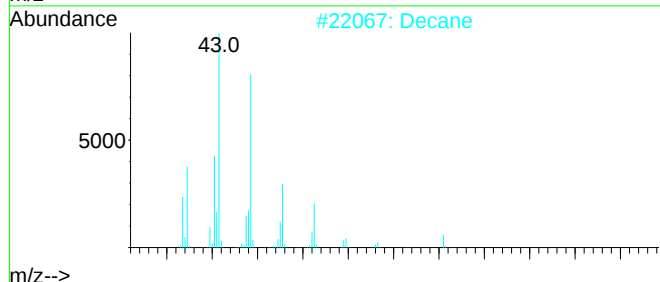
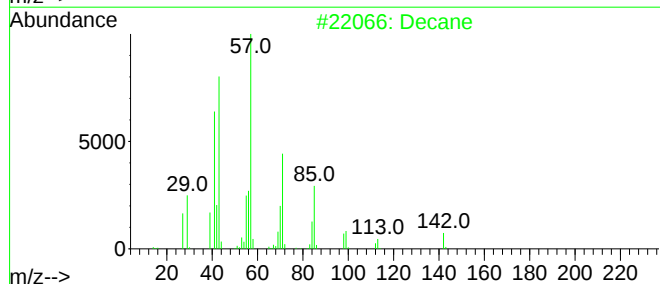
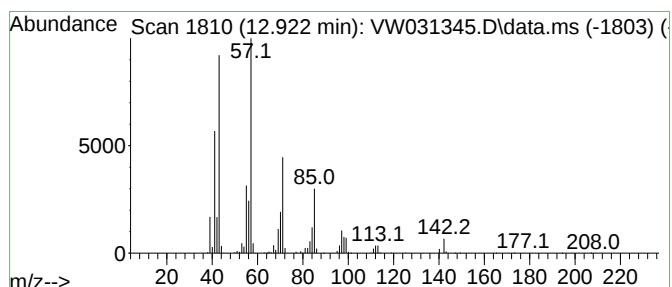
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.922	30.54 ug/L	2324120	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	96
2	Decane	142	C10H22	000124-18-5	93
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
4	Decane	142	C10H22	000124-18-5	76
5	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

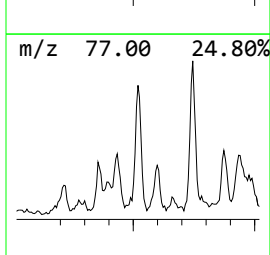
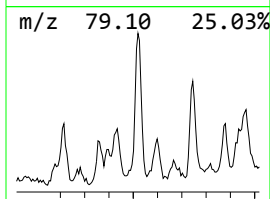
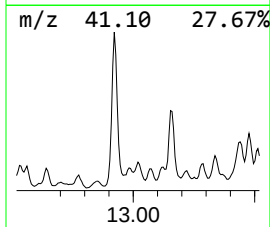
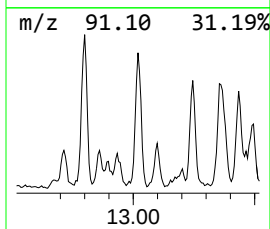
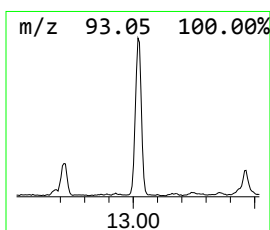
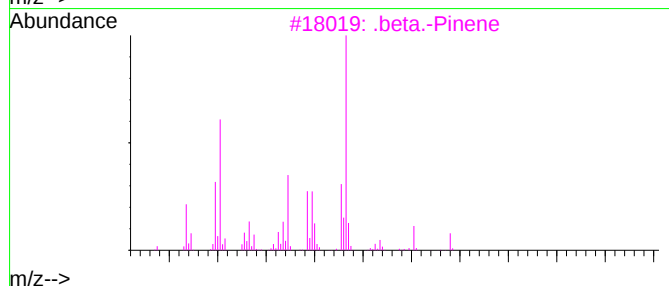
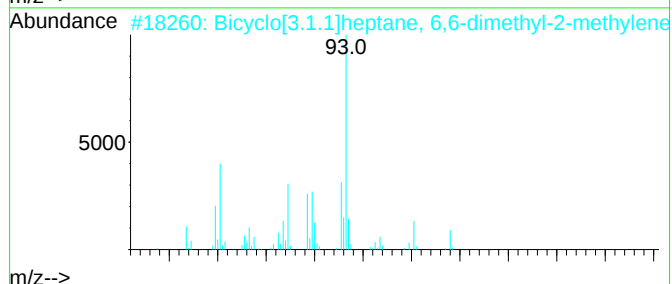
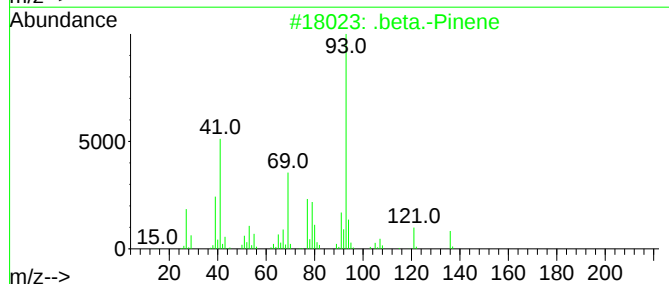
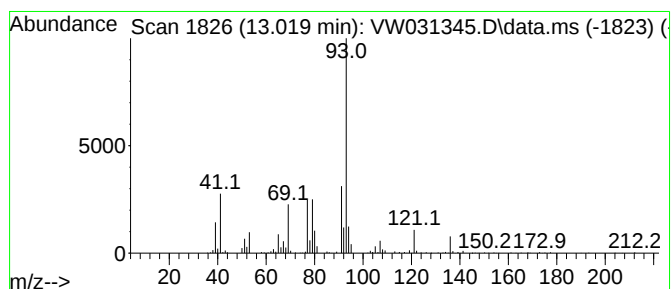
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TIC Integration Parameters: LSCINT.P

Peak Number 12 .beta.-Pinene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	3.85 ug/L	292584	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	95
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
3	.beta.-Pinene	136	C10H16	000127-91-3	94
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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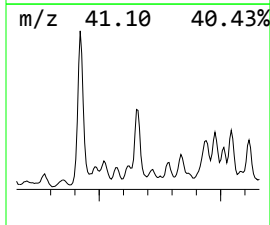
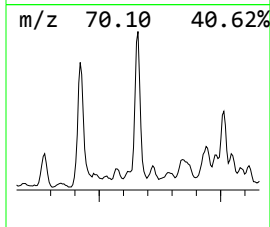
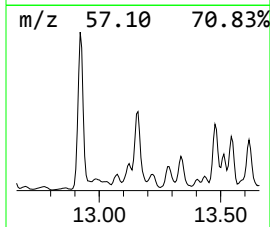
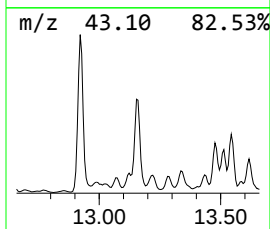
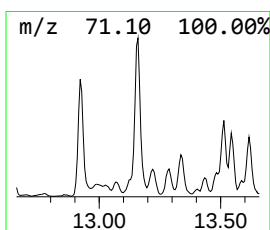
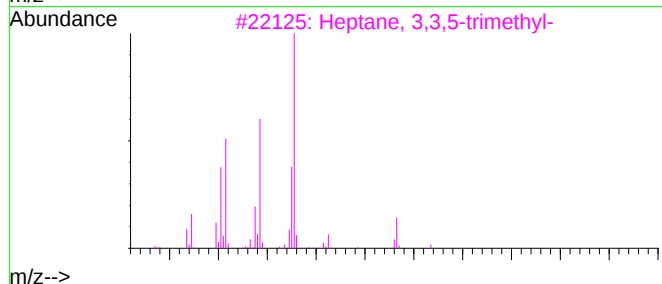
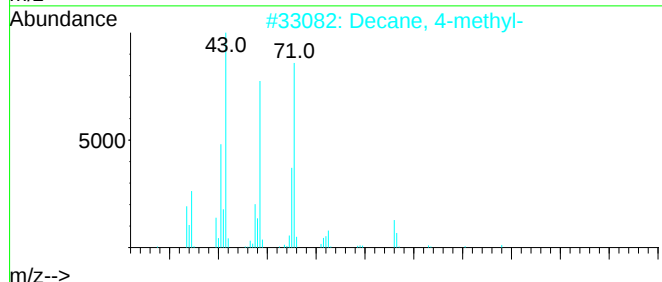
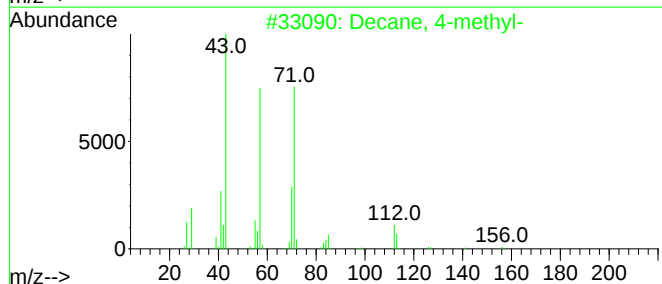
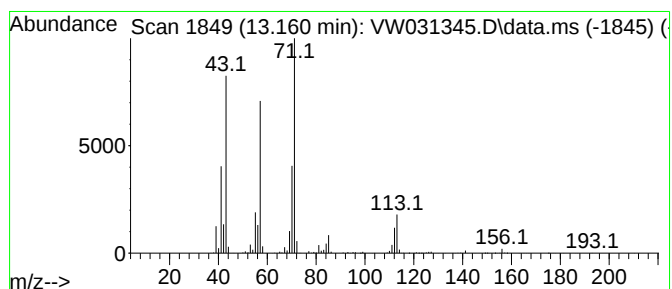
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.160	14.04 ug/L	1068600	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	87
2	Decane, 4-methyl-		156	C11H24	002847-72-5	86
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	78
4	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	78
5	Octane, 3-ethyl-		142	C10H22	005881-17-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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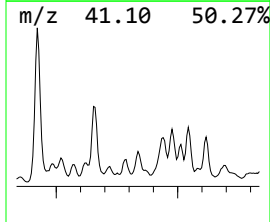
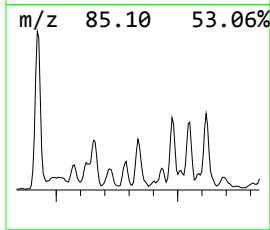
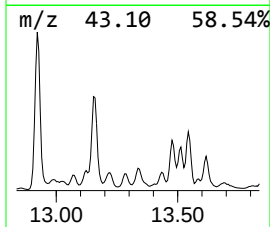
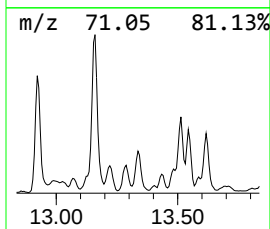
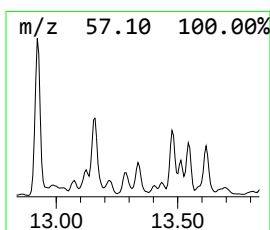
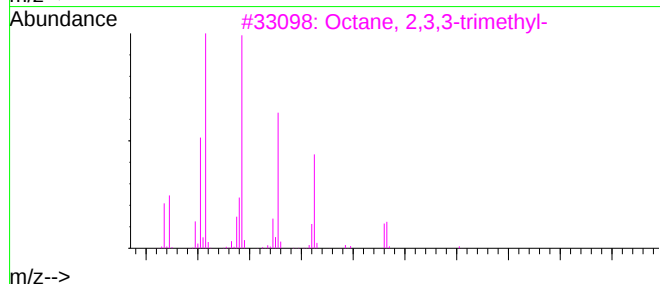
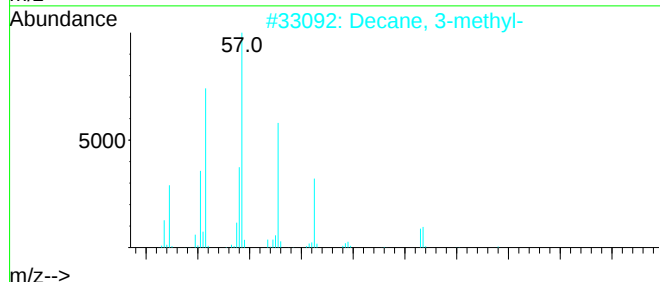
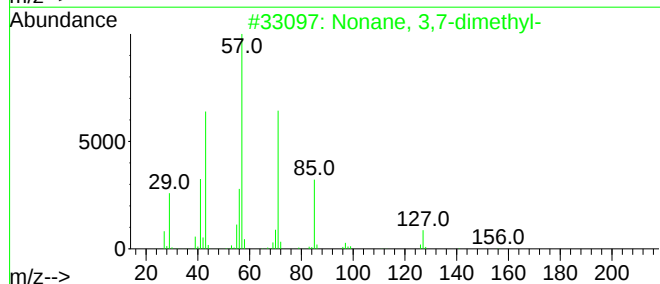
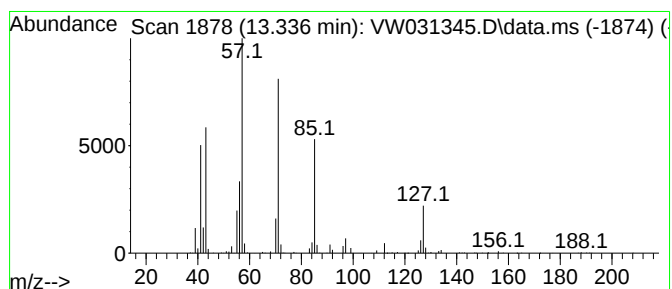
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.336	4.39 ug/L	334278	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	91
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	68
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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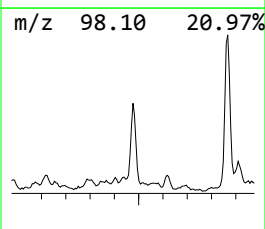
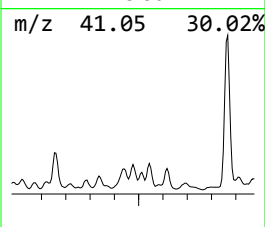
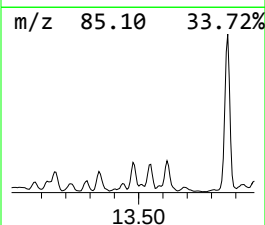
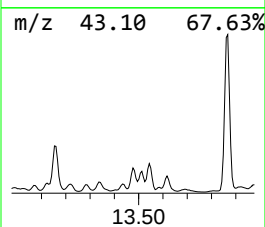
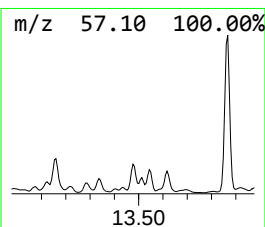
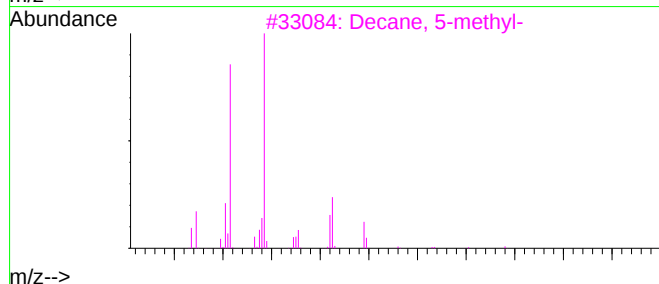
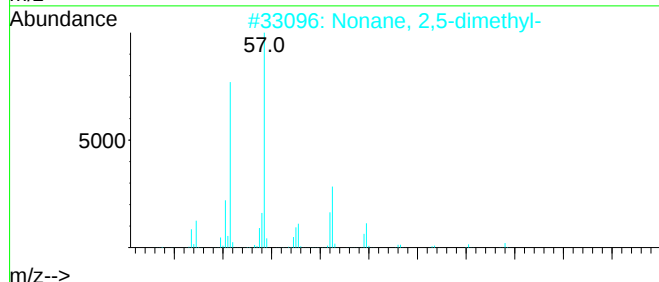
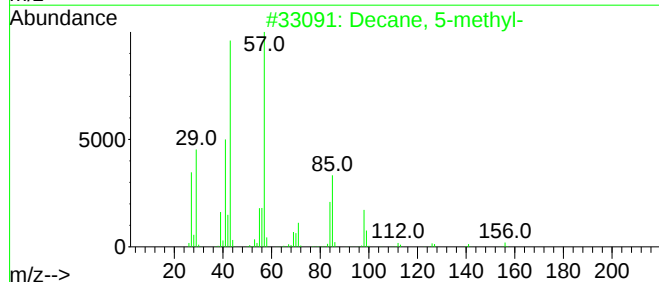
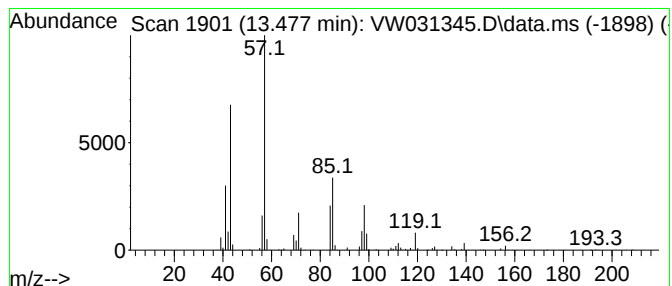
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TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	9.10 ug/L	692764	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	87
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	64
3	Decane, 5-methyl-	156	C11H24	013151-35-4	59
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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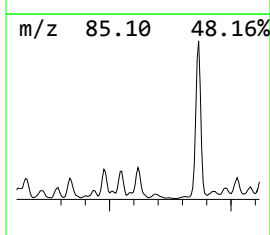
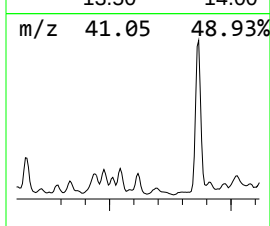
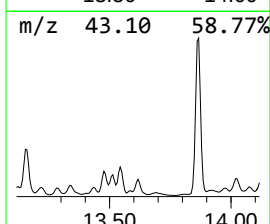
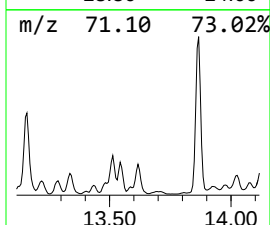
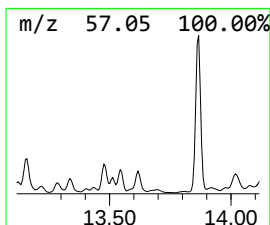
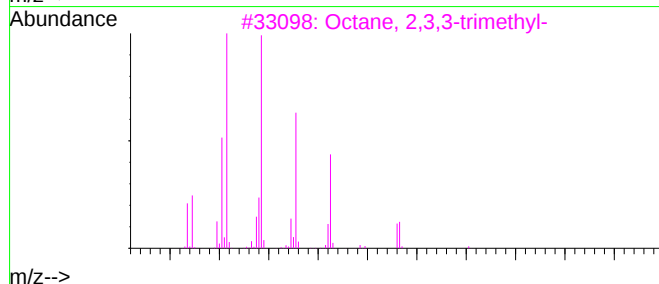
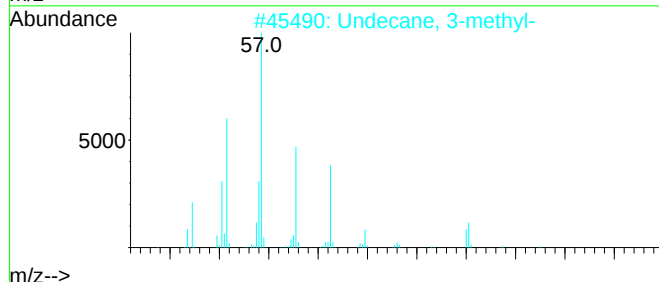
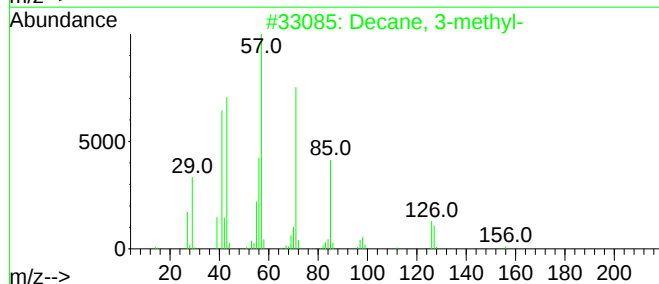
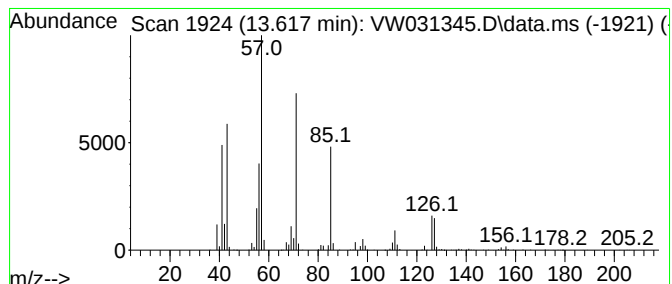
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.617	6.63 ug/L	504230	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

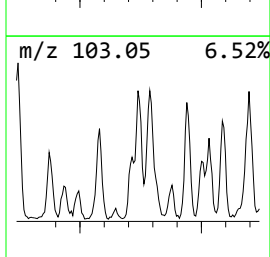
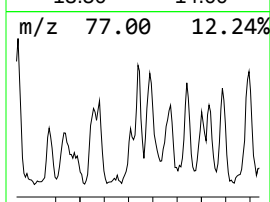
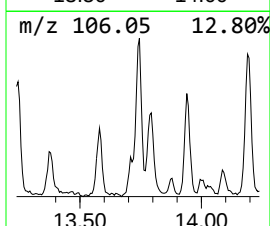
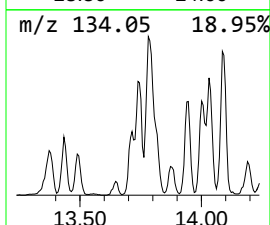
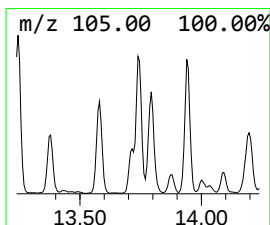
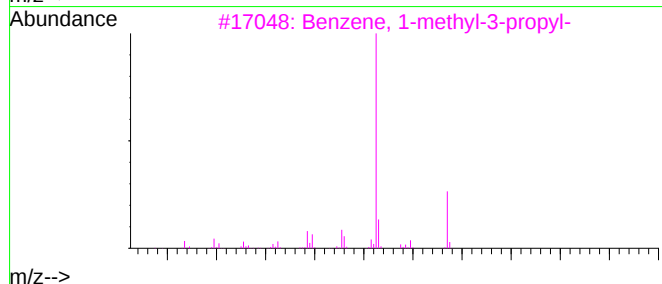
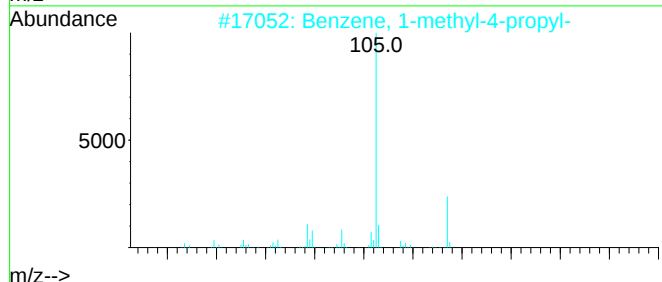
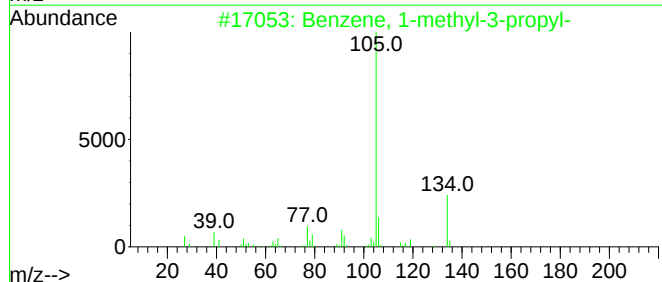
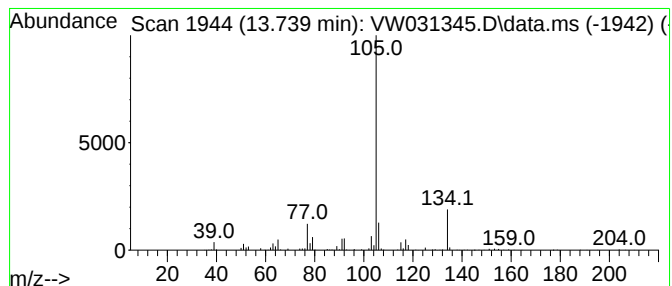
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 1-methyl-3-propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	2.61 ug/L	198288	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

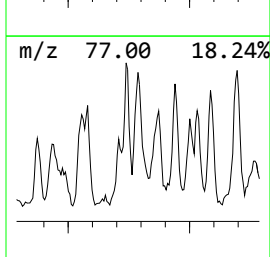
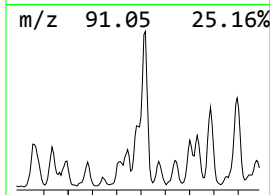
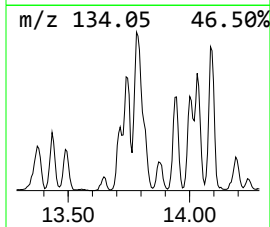
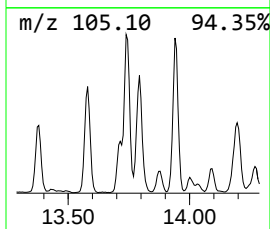
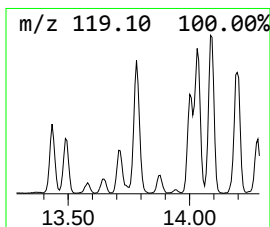
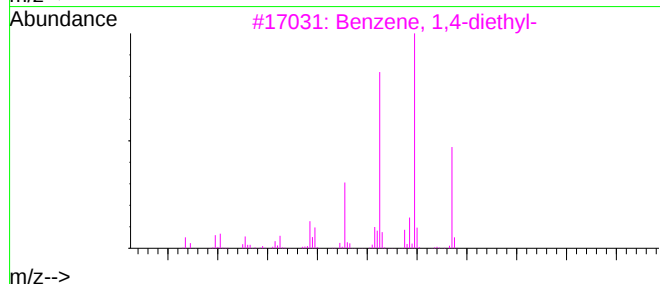
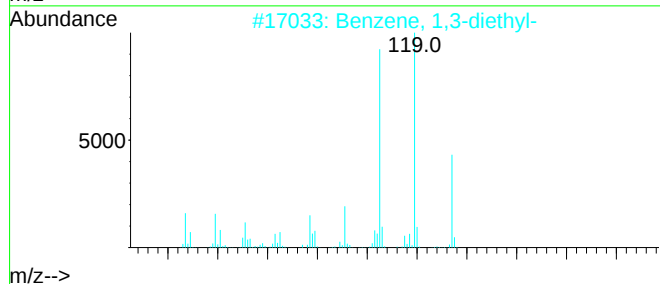
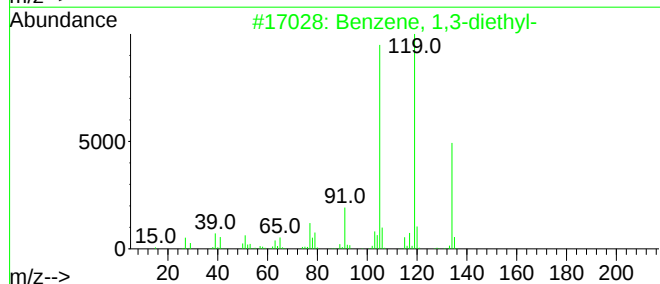
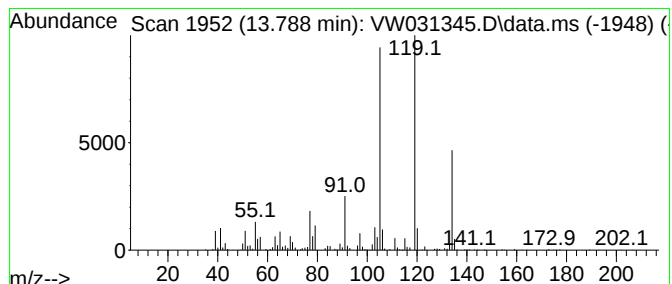
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.788	5.64 ug/L	428992	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	94
2	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	91
3	Benzene, 1,4-diethyl-		134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	90
5	Benzene, 1,4-diethyl-		134	C10H14	000105-05-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

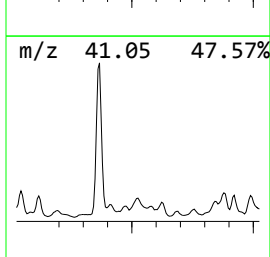
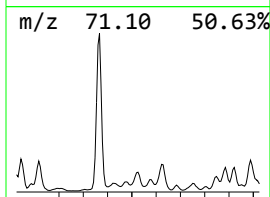
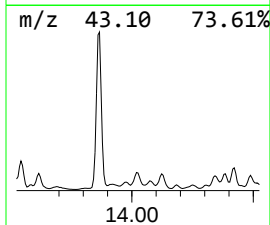
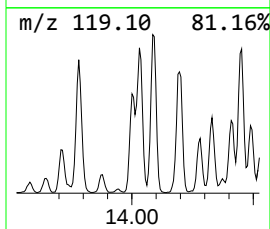
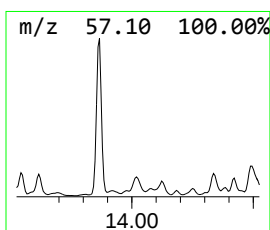
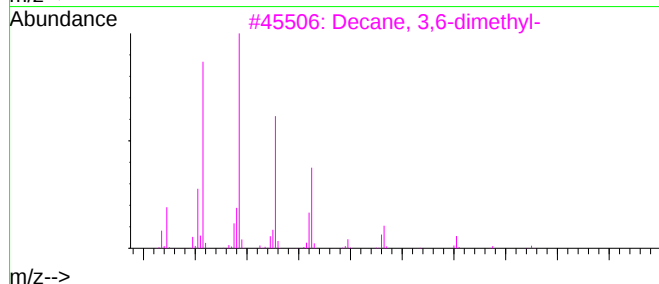
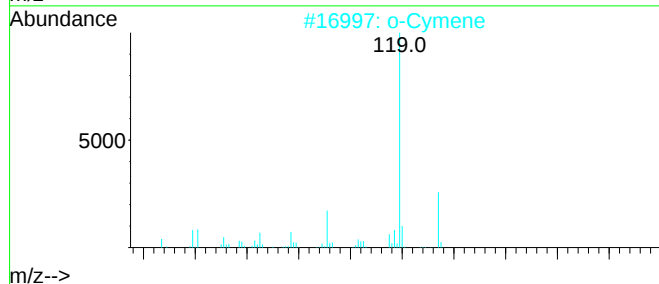
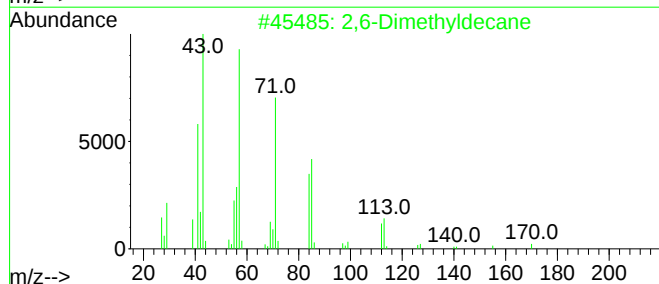
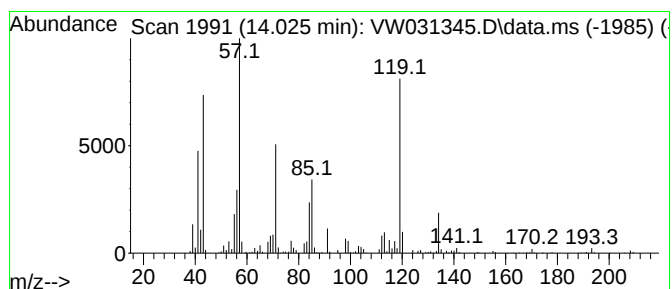
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.025	8.71 ug/L	662573	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	86
2	o-Cymene	134	C10H14	000527-84-4	55
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

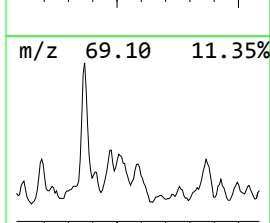
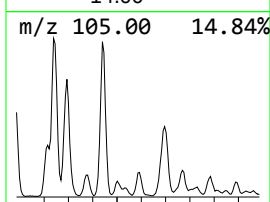
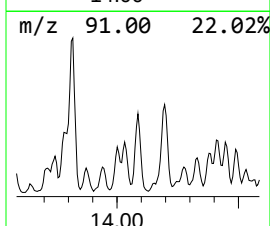
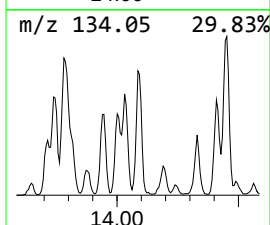
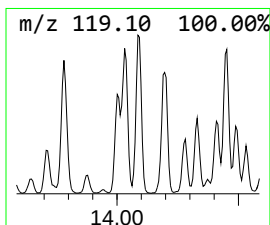
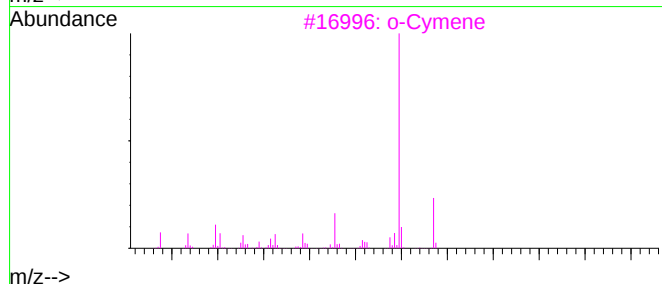
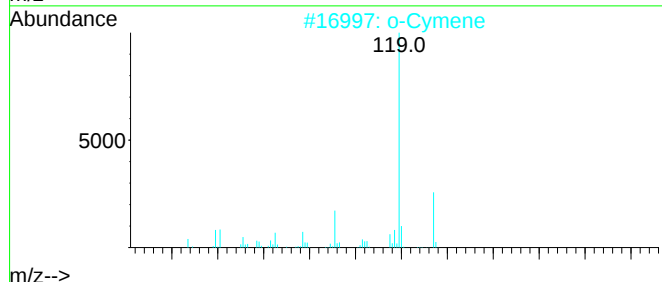
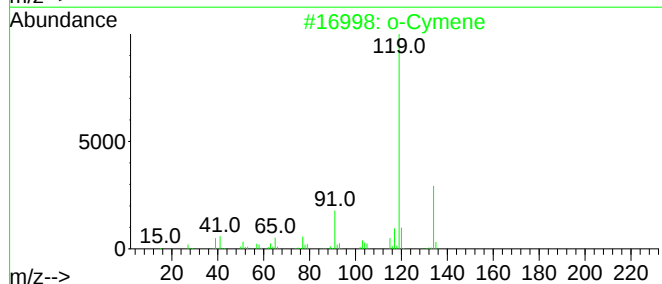
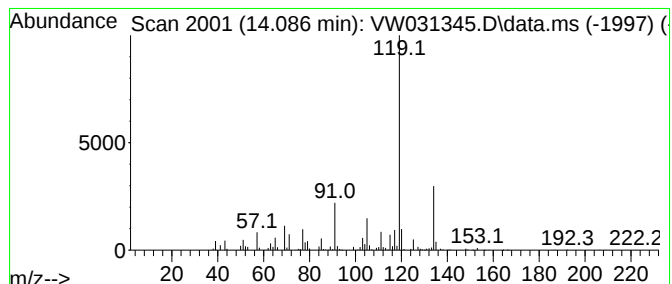
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 25 o-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	3.51 ug/L	267349	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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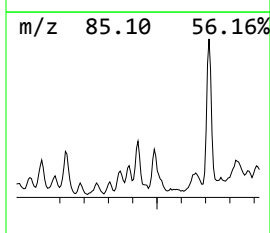
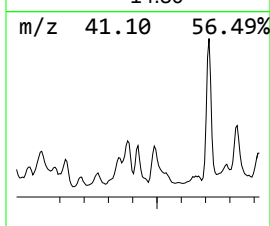
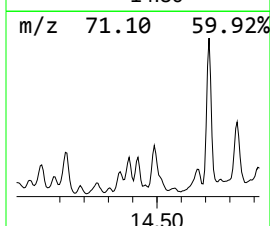
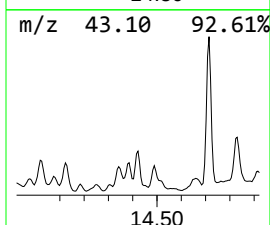
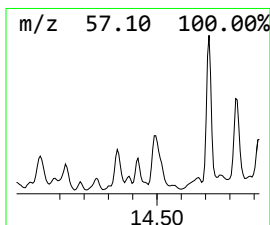
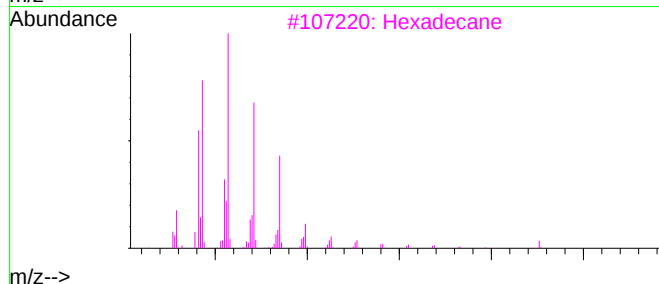
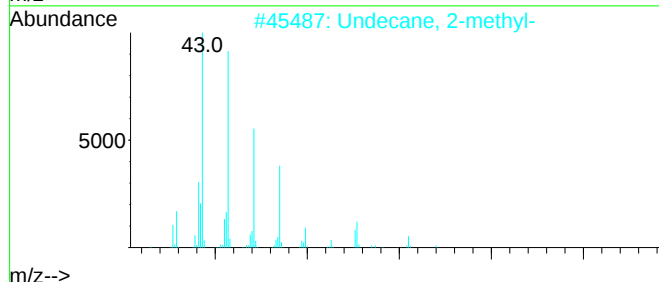
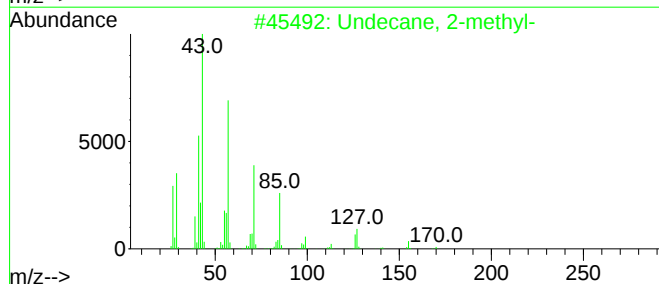
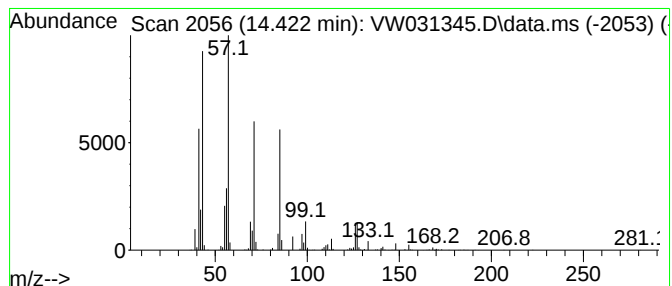
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.422	3.85 ug/L	292770	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

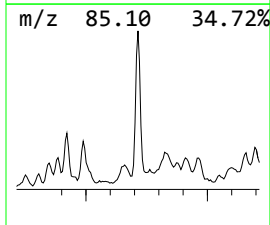
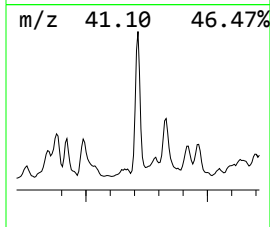
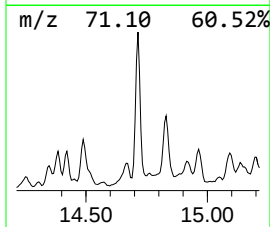
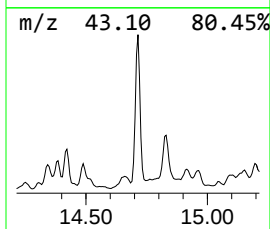
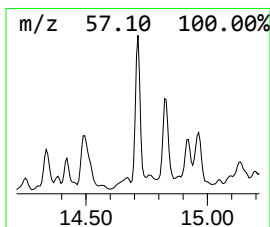
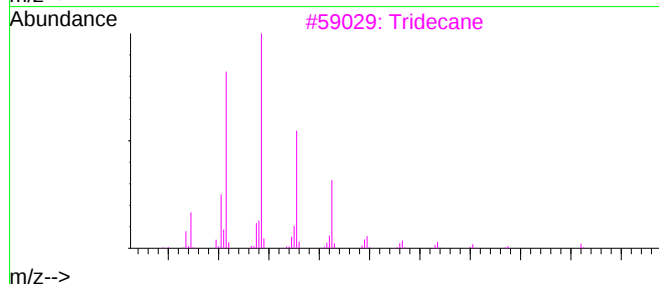
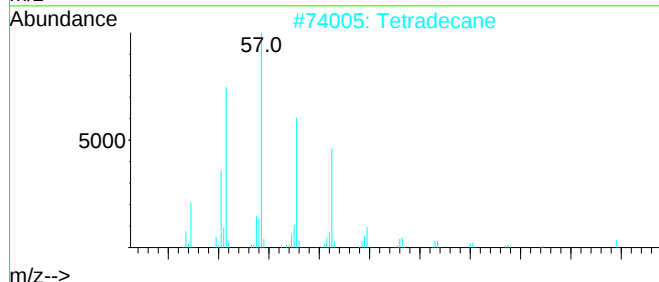
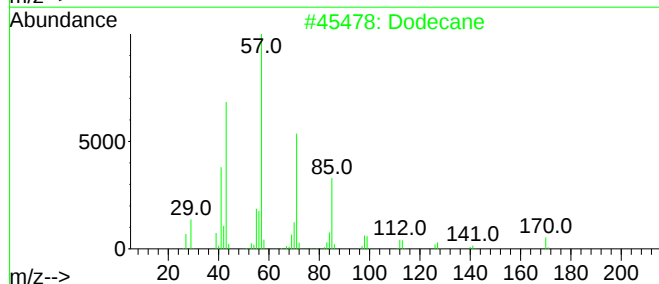
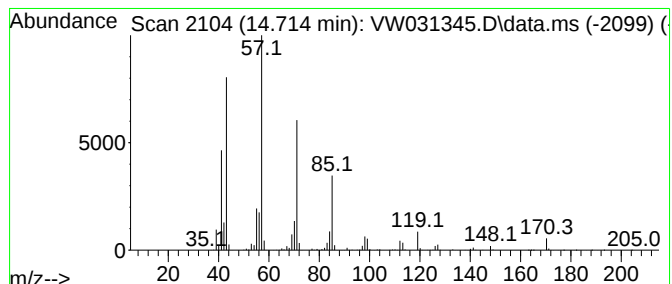
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TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	24.86 ug/L	1891910	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane	170	C12H26	000112-40-3	83
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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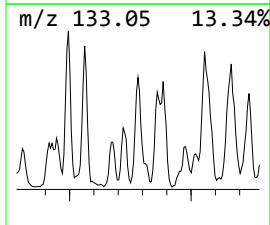
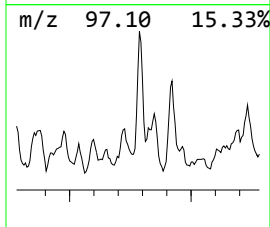
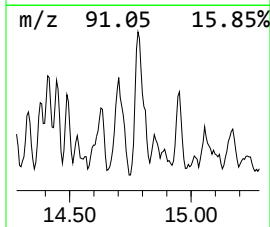
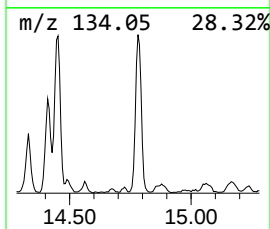
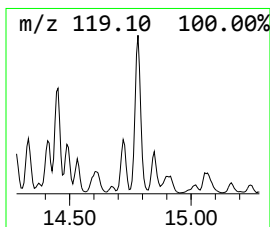
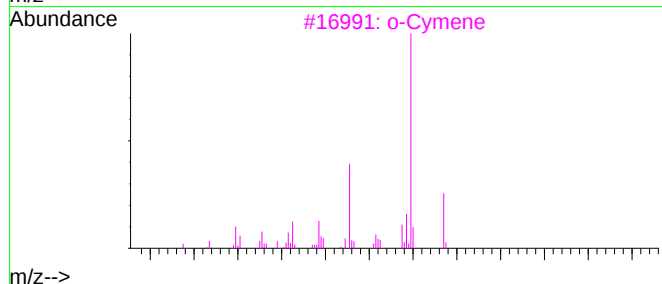
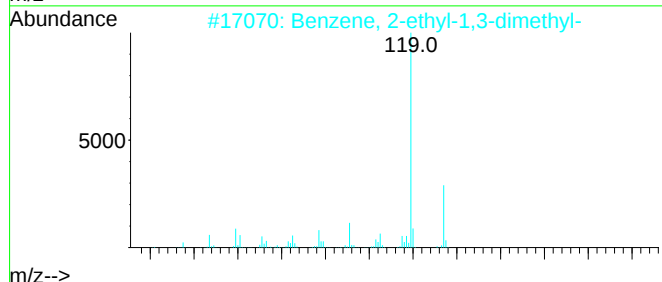
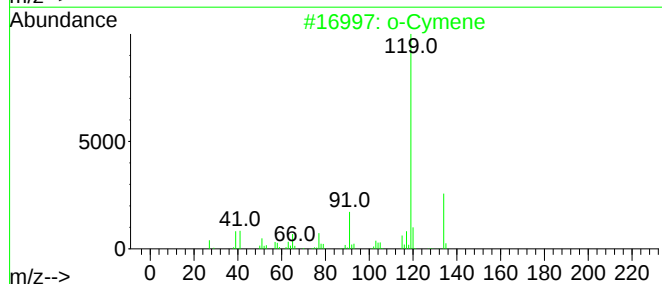
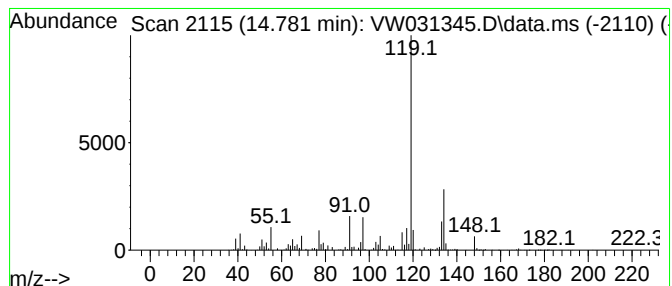
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.781	10.80 ug/L	821834	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	o-Cymene	134	C10H14	000527-84-4	90
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2829

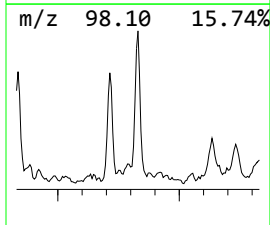
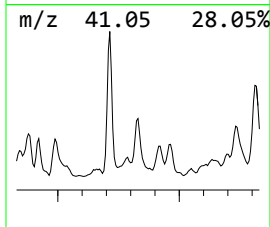
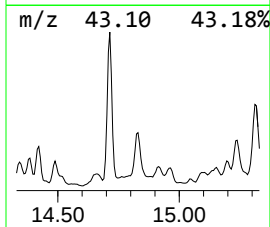
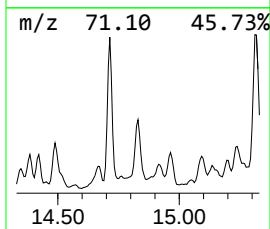
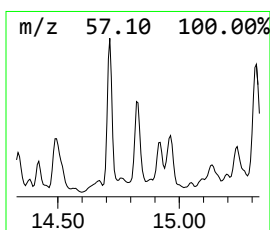
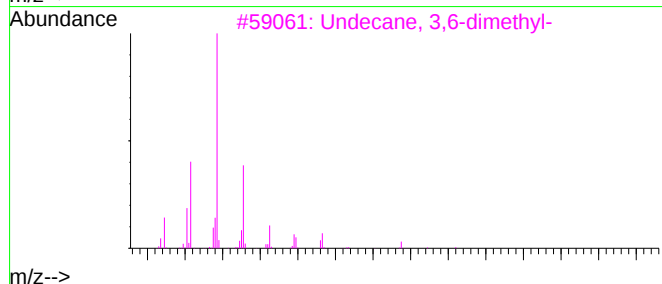
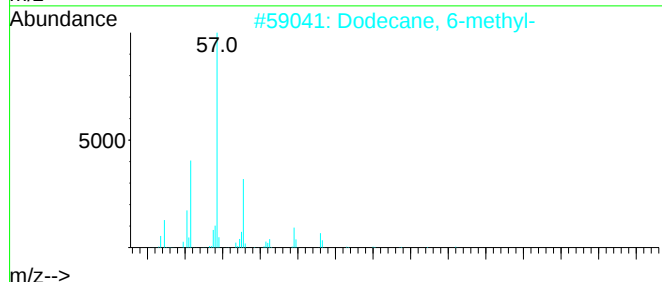
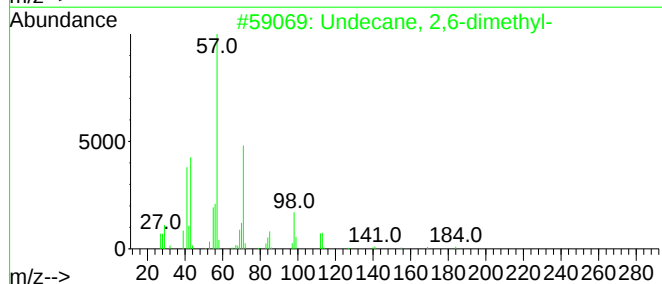
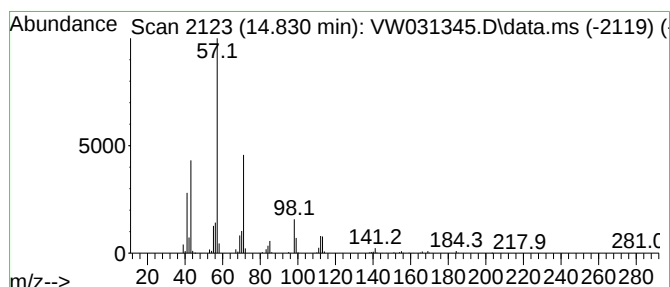
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.830	15.73 ug/L	1197100	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	94
2	Dodecane, 6-methyl-		184	C13H28	006044-71-9	90
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	90
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	90
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

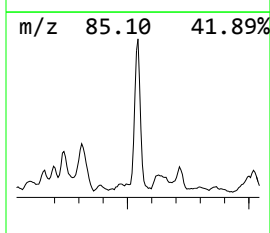
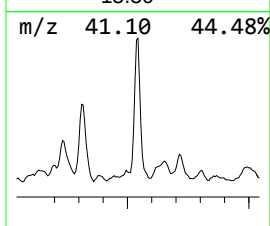
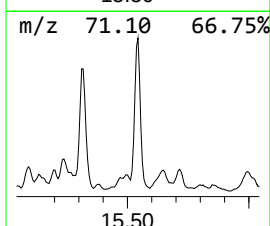
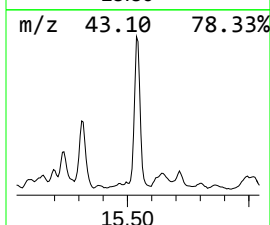
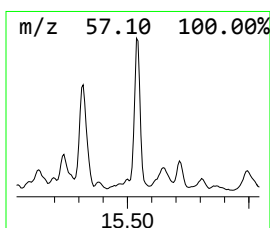
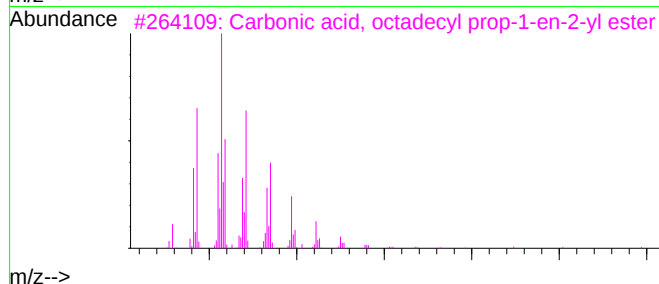
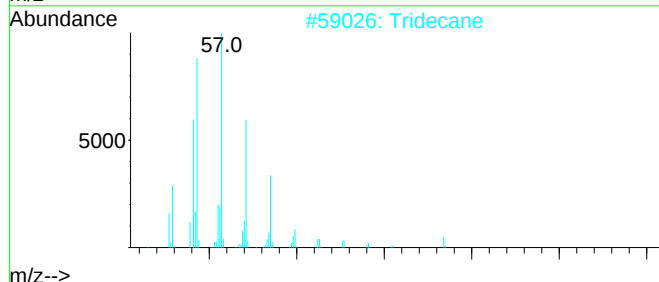
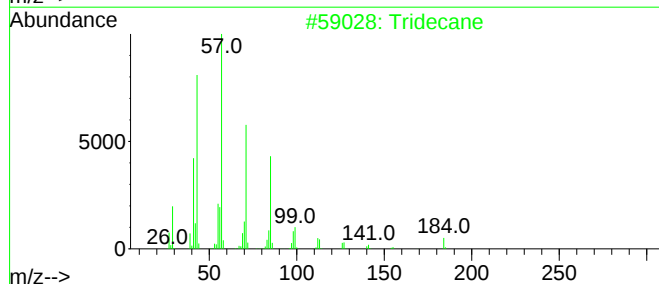
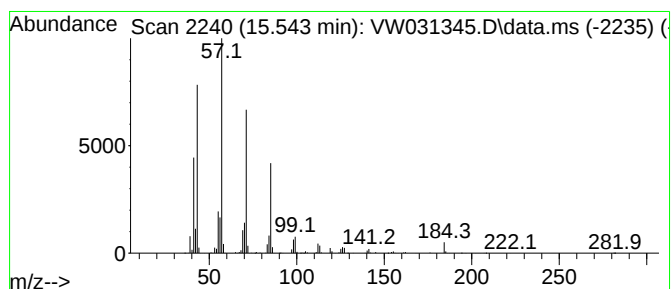
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.543	35.56 ug/L	2706030	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5	Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

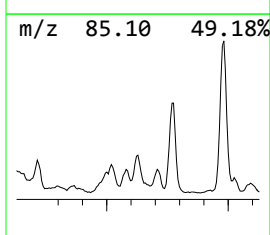
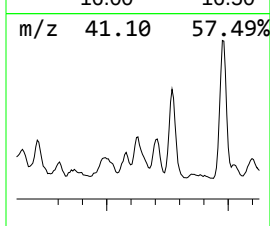
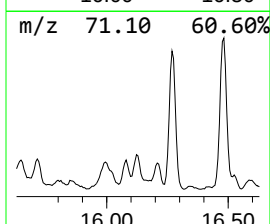
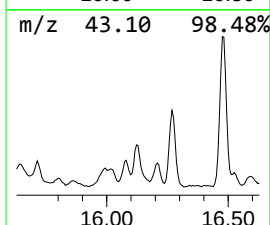
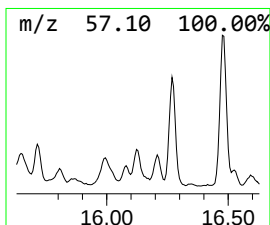
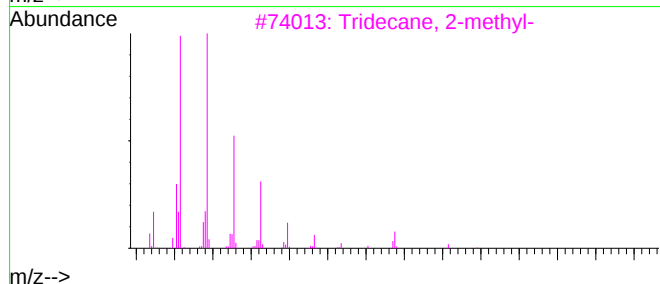
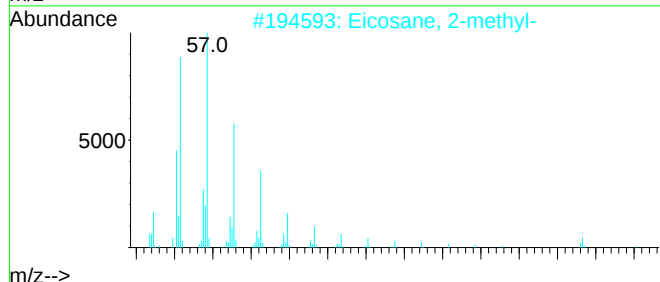
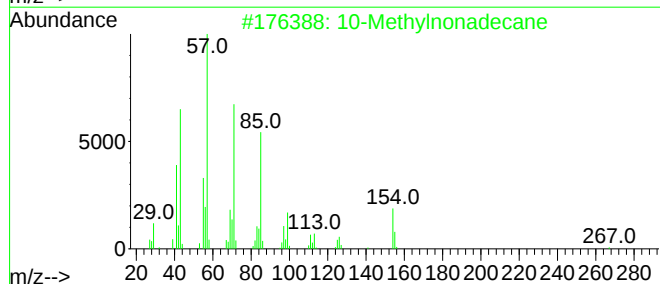
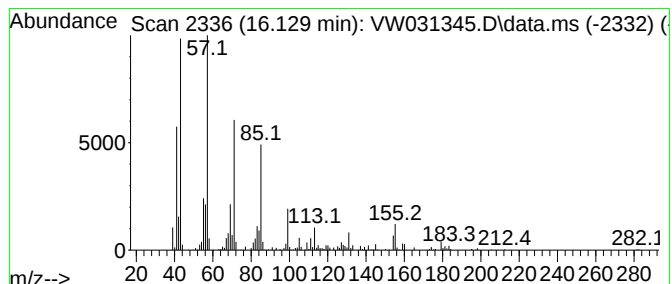
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.129	8.93 ug/L	679493	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

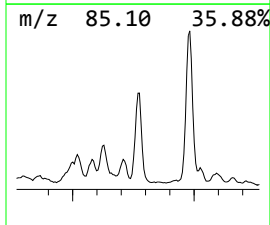
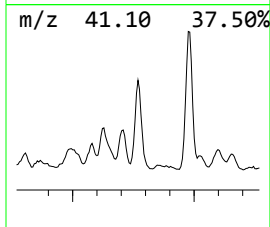
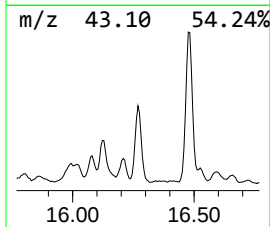
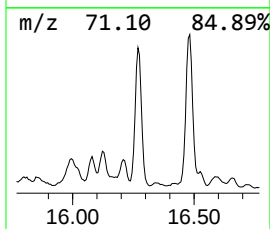
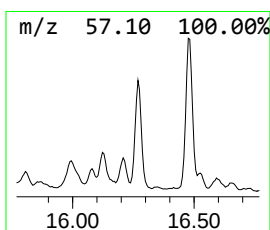
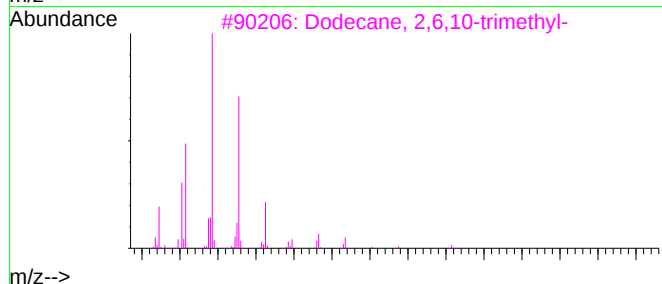
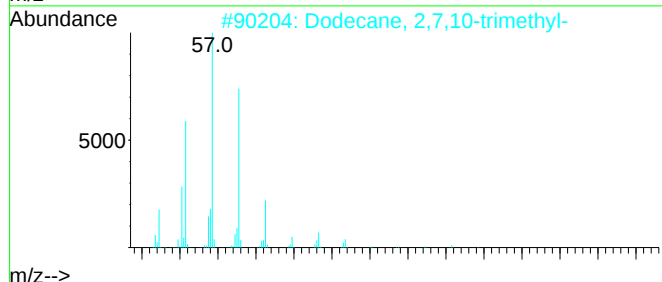
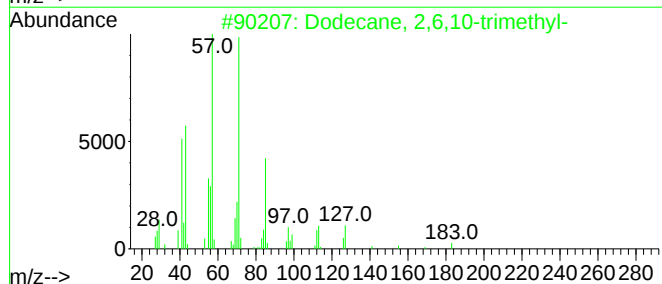
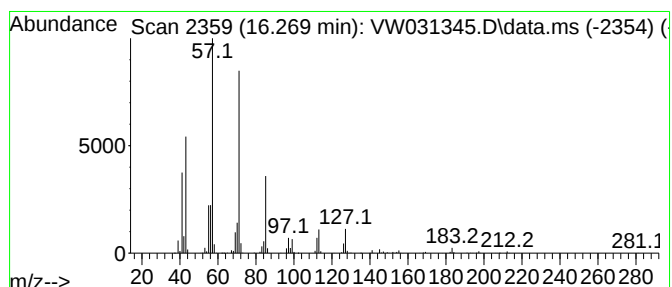
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.269	20.64 ug/L	1570550	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	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	78
5	Octane, 2-methyl-	128	C9H20	003221-61-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

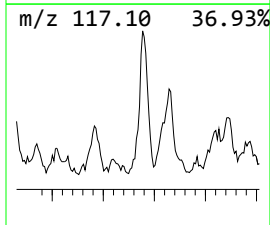
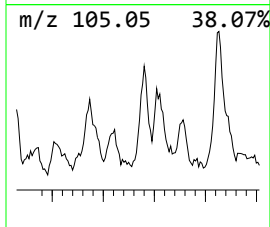
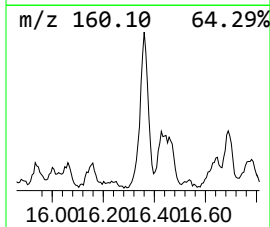
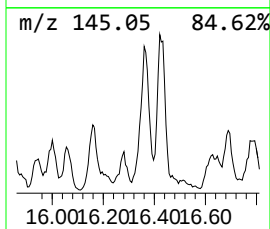
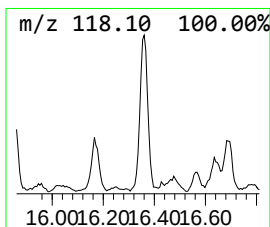
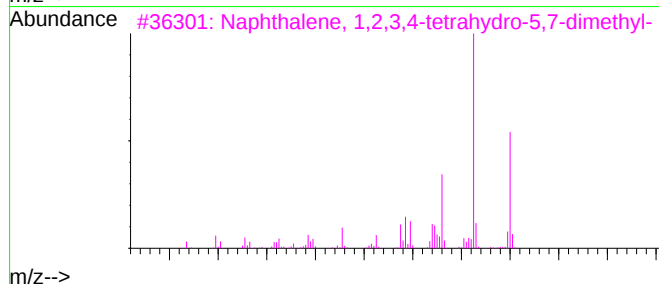
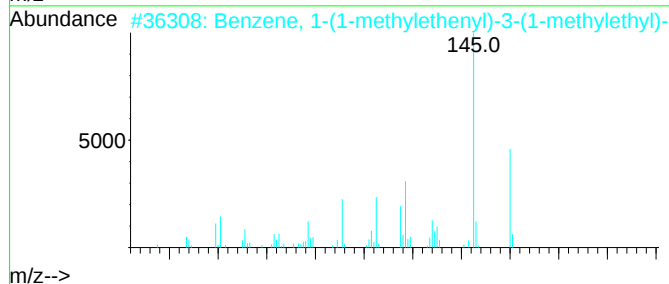
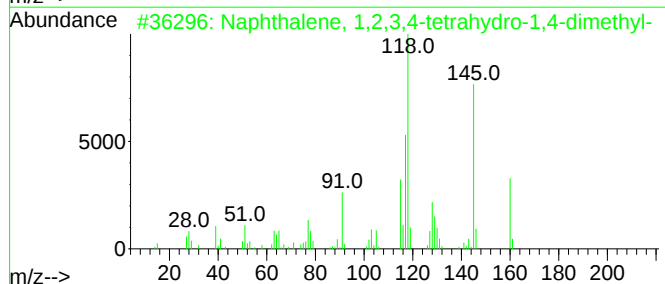
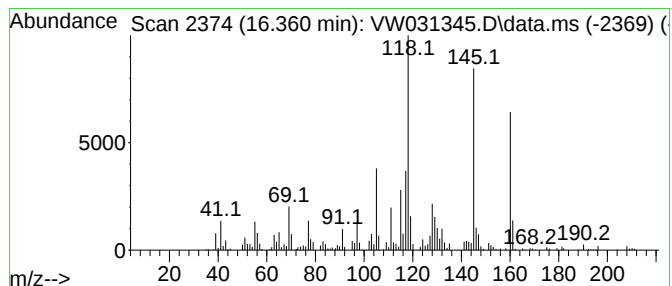
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 50 Naphthalene, 1,2,3,4-tetra... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.360	4.37 ug/L	332543	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	92
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2829

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

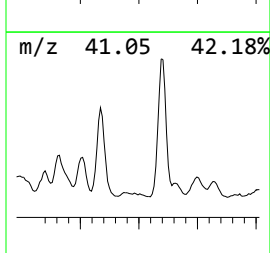
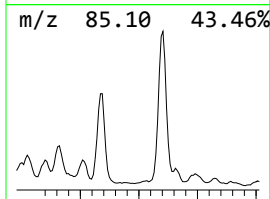
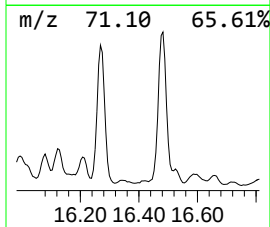
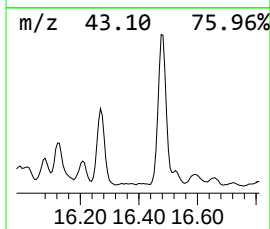
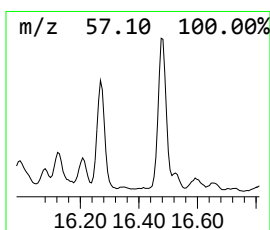
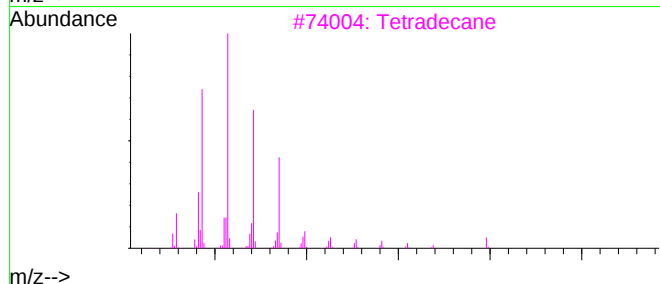
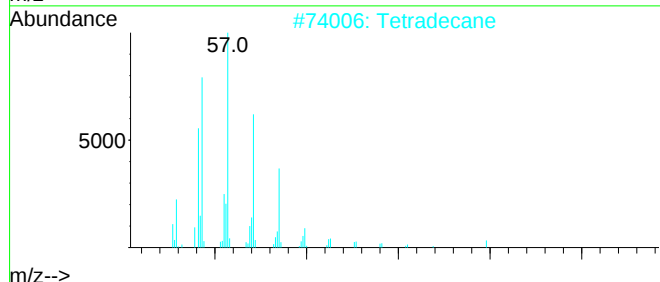
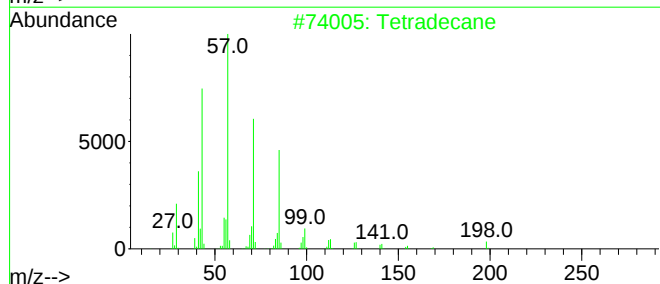
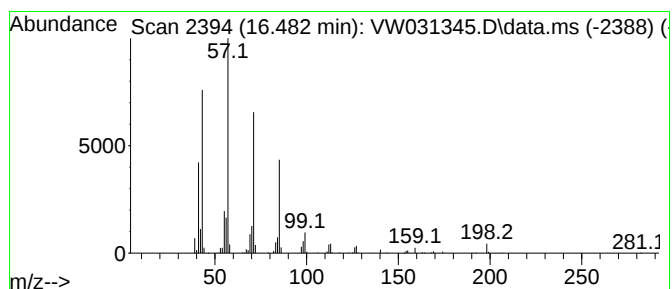
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	25.97 ug/L	1976100	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tetradecane	198	C14H30	000629-59-4	96
3	Tetradecane	198	C14H30	000629-59-4	94
4	Tridecane	184	C13H28	000629-50-5	87
5	Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031345.D
Acq On : 18 Dec 2024 17:15
Operator : SY/MD
Sample : P5265-14
Misc : 9.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.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...	11.837	1.8	ug/L	191132	2	11.629	2670570	25.0
(DEL) Alkane: S...	12.245	2.3	ug/L	247725	2	11.629	2670570	25.0
(DEL) Alkane: S...	12.361	5.6	ug/L	594382	2	11.629	2670570	25.0
(DEL) Alkane: S...	12.922	30.5	ug/L	2324120	3	13.556	1902220	25.0
.beta.-Pinene	13.019	3.9	ug/L	292584	3	13.556	1902220	25.0
(DEL) Alkane: S...	13.160	14.0	ug/L	1068600	3	13.556	1902220	25.0
(DEL) Alkane: S...	13.336	4.4	ug/L	334278	3	13.556	1902220	25.0
(DEL) Alkane: S...	13.477	9.1	ug/L	692764	3	13.556	1902220	25.0
(DEL) Alkane: S...	13.617	6.6	ug/L	504230	3	13.556	1902220	25.0
Benzene, 1-meth...	13.739	2.6	ug/L	198288	3	13.556	1902220	25.0
Benzene, 1,3-di...	13.788	5.6	ug/L	428992	3	13.556	1902220	25.0
(DEL) Alkane: S...	14.025	8.7	ug/L	662573	3	13.556	1902220	25.0
o-Cymene	14.086	3.5	ug/L	267349	3	13.556	1902220	25.0
(DEL) Alkane: S...	14.422	3.9	ug/L	292770	3	13.556	1902220	25.0
(DEL) Alkane: S...	14.714	24.9	ug/L	1891910	3	13.556	1902220	25.0
Benzene, 2-ethy...	14.781	10.8	ug/L	821834	3	13.556	1902220	25.0
(DEL) Alkane: S...	14.830	15.7	ug/L	1197100	3	13.556	1902220	25.0
(DEL) Alkane: S...	15.543	35.6	ug/L	2706030	3	13.556	1902220	25.0
(DEL) Alkane: S...	16.129	8.9	ug/L	679493	3	13.556	1902220	25.0
(DEL) Alkane: S...	16.269	20.6	ug/L	1570550	3	13.556	1902220	25.0
Naphthalene, 1,...	16.360	4.4	ug/L	332543	3	13.556	1902220	25.0
(DEL) Alkane: S...	16.482	26.0	ug/L	1976100	3	13.556	1902220	25.0