

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
 Data File : VW027092.D
 Acq On : 13 Sep 2023 14:50
 Operator : SY/MD
 Sample : 04330-21RE
 Misc : 8.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYL6RE

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027092.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	7	12	18	rBV3	14628	25725	0.95%	0.082%
2	2.265	50	62	64	rBV3	9070	30074	1.11%	0.096%
3	2.362	71	78	89	rBV2	91475	253710	9.34%	0.813%
4	2.893	158	165	177	rBV2	84951	234887	8.65%	0.752%
5	3.021	183	186	196	rVB3	21194	46045	1.70%	0.148%
6	3.393	238	247	257	rBV	56002	158033	5.82%	0.506%
7	4.021	339	350	364	rBV	160613	594777	21.90%	1.905%
8	4.393	398	411	422	rBV	31943	108586	4.00%	0.348%
9	4.960	485	504	518	rBV5	78993	394795	14.54%	1.265%
10	5.435	570	582	596	rBV2	59191	215441	7.93%	0.690%
11	5.752	625	634	647	rVB6	13285	43707	1.61%	0.140%
12	5.941	652	665	681	rBV2	174777	528707	19.47%	1.694%
13	6.112	681	693	702	rBV6	9582	31635	1.16%	0.101%
14	6.234	704	713	720	rBV2	17284	51071	1.88%	0.164%
15	6.721	789	793	804	rVB2	6638	20760	0.76%	0.067%
16	6.874	810	818	828	rBV9	7347	25141	0.93%	0.081%
17	6.978	828	835	842	rBV7	8806	24000	0.88%	0.077%
18	7.081	842	852	860	rBV	70148	221961	8.17%	0.711%
19	7.526	915	925	932	rBV5	14218	37279	1.37%	0.119%
20	7.673	933	949	962	rBV3	319551	1135648	41.82%	3.638%
21	7.849	971	978	983	rVV4	19137	44431	1.64%	0.142%
22	7.922	983	990	1001	rVV2	130441	327478	12.06%	1.049%
23	8.038	1001	1009	1019	rVB4	66034	195486	7.20%	0.626%
24	8.154	1019	1028	1038	rBV	280654	628323	23.14%	2.013%
25	8.276	1038	1048	1064	rBV2	803732	2361739	86.97%	7.566%
26	8.422	1066	1072	1080	rVB3	36838	87004	3.20%	0.279%
27	8.526	1080	1089	1095	rBV	55429	127656	4.70%	0.409%
28	8.593	1095	1100	1108	rVB3	44423	97742	3.60%	0.313%
29	8.697	1108	1117	1129	rVB	336203	755304	27.81%	2.420%
30	8.843	1131	1141	1147	rBV	1135346	2330672	85.83%	7.466%
31	8.892	1147	1149	1155	rVB2	72074	102666	3.78%	0.329%
32	8.995	1162	1166	1171	rVB2	24306	42747	1.57%	0.137%
33	9.075	1171	1179	1194	rVB	631569	1338881	49.30%	4.289%
34	9.276	1203	1212	1219	rBV	550576	1137013	41.87%	3.642%
35	9.386	1225	1230	1238	rVB	52405	103316	3.80%	0.331%
36	9.514	1238	1251	1259	rBV4	42085	106156	3.91%	0.340%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	9.690	1273	1280	1284	rBV	64906	137804	5.07%	0.441%
38	9.745	1284	1289	1294	rVV	110294	215922	7.95%	0.692%
39	9.806	1294	1299	1303	rVV4	58995	126451	4.66%	0.405%
40	9.861	1304	1308	1309	rVV2	36527	56689	2.09%	0.182%
41	9.898	1310	1314	1318	rVV3	81102	153578	5.66%	0.492%
42	9.953	1318	1323	1326	rVV2	165803	303840	11.19%	0.973%
43	9.989	1326	1329	1332	rVV	130622	208608	7.68%	0.668%
44	10.032	1332	1336	1341	rVV	265476	486955	17.93%	1.560%
45	10.093	1341	1346	1357	rVB2	281713	751585	27.68%	2.408%
46	10.184	1357	1361	1367	rVB2	32535	53615	1.97%	0.172%
47	10.276	1370	1376	1377	rBV	27673	38954	1.43%	0.125%
48	10.324	1377	1384	1389	rBV	1023547	1817130	66.92%	5.821%
49	10.404	1393	1397	1406	rVB5	72720	166396	6.13%	0.533%
50	10.507	1406	1414	1419	rVB	347626	638619	23.52%	2.046%
51	10.574	1419	1425	1430	rBV2	216215	388360	14.30%	1.244%
52	10.623	1430	1433	1438	rVB2	86897	132885	4.89%	0.426%
53	10.690	1439	1444	1450	rBV5	32875	75012	2.76%	0.240%
54	10.776	1454	1458	1463	rVB3	48159	82999	3.06%	0.266%
55	10.843	1463	1469	1475	rBV2	43336	79276	2.92%	0.254%
56	10.922	1475	1482	1491	rBV2	228186	457077	16.83%	1.464%
57	11.062	1496	1505	1508	rBV2	60253	151459	5.58%	0.485%
58	11.178	1520	1524	1527	rBV2	49959	74280	2.74%	0.238%
59	11.221	1527	1531	1533	rVV3	47874	86258	3.18%	0.276%
60	11.269	1537	1539	1546	rVV3	87103	217657	8.02%	0.697%
61	11.336	1546	1550	1553	rVV2	54049	90718	3.34%	0.291%
62	11.404	1553	1561	1567	rVV4	198131	533783	19.66%	1.710%
63	11.452	1567	1569	1573	rVB3	32080	37631	1.39%	0.121%
64	11.507	1573	1578	1586	rVB	205024	349923	12.89%	1.121%
65	11.629	1591	1598	1606	rVB	1612969	2715552	100.00%	8.699%
66	11.727	1608	1614	1620	rBV3	147578	272285	10.03%	0.872%
67	11.836	1620	1632	1642	rBV3	170892	412747	15.20%	1.322%
68	11.928	1642	1647	1650	rBV4	37461	65520	2.41%	0.210%
69	12.013	1656	1661	1664	rBV5	21178	41921	1.54%	0.134%
70	12.056	1665	1668	1672	rVB5	17405	30538	1.12%	0.098%
71	12.135	1677	1681	1684	rBV4	26345	43080	1.59%	0.138%
72	12.245	1693	1699	1703	rBV6	44190	102335	3.77%	0.328%
73	12.330	1709	1713	1716	rBV2	31776	40681	1.50%	0.130%
74	12.367	1716	1719	1725	rVB5	47058	82810	3.05%	0.265%
75	12.428	1726	1729	1734	rBV6	19602	35900	1.32%	0.115%
76	12.507	1735	1742	1744	rBV5	42274	100017	3.68%	0.320%

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 Title : SFAM01.0

77	12.605	1755	1758	1762	rBV2	31418	55710	2.05%	0.178%
78	12.647	1762	1765	1768	rVB	50556	66623	2.45%	0.213%
79	12.696	1768	1773	1785	rVB5	72068	185193	6.82%	0.593%
80	12.800	1785	1790	1793	rBV	39558	71917	2.65%	0.230%
81	12.830	1793	1795	1798	rVV2	26593	33193	1.22%	0.106%
82	12.867	1798	1801	1806	rVV3	26595	61075	2.25%	0.196%
83	12.928	1806	1811	1816	rVB	68349	111587	4.11%	0.357%
84	13.104	1836	1840	1852	rVB6	32295	91283	3.36%	0.292%
85	13.226	1856	1860	1863	rBV4	17537	34668	1.28%	0.111%
86	13.287	1868	1870	1874	rVB4	14770	19792	0.73%	0.063%
87	13.440	1892	1895	1899	rVB5	15788	20761	0.76%	0.067%
88	13.482	1899	1902	1904	rVV2	22589	28193	1.04%	0.090%
89	13.556	1905	1914	1921	rVV	1579419	2529193	93.14%	8.102%
90	13.617	1922	1924	1931	rVB5	18963	35357	1.30%	0.113%
91	13.751	1942	1946	1949	rVV3	29094	43927	1.62%	0.141%
92	13.848	1955	1962	1970	rVB	1008943	1649318	60.74%	5.284%
93	13.946	1975	1978	1982	rVB2	23116	34140	1.26%	0.109%
94	14.062	1993	1997	2006	rVB2	52466	111330	4.10%	0.357%
95	14.330	2036	2041	2046	rBV9	15608	29774	1.10%	0.095%
96	14.494	2064	2068	2071	rVB5	17982	24229	0.89%	0.078%
97	14.690	2095	2100	2101	rBV5	12467	18727	0.69%	0.060%
98	14.805	2116	2119	2123	rVB5	16000	23266	0.86%	0.075%
99	15.427	2217	2221	2225	rVV	18902	31966	1.18%	0.102%
100	15.482	2225	2230	2239	rVB	39017	79339	2.92%	0.254%

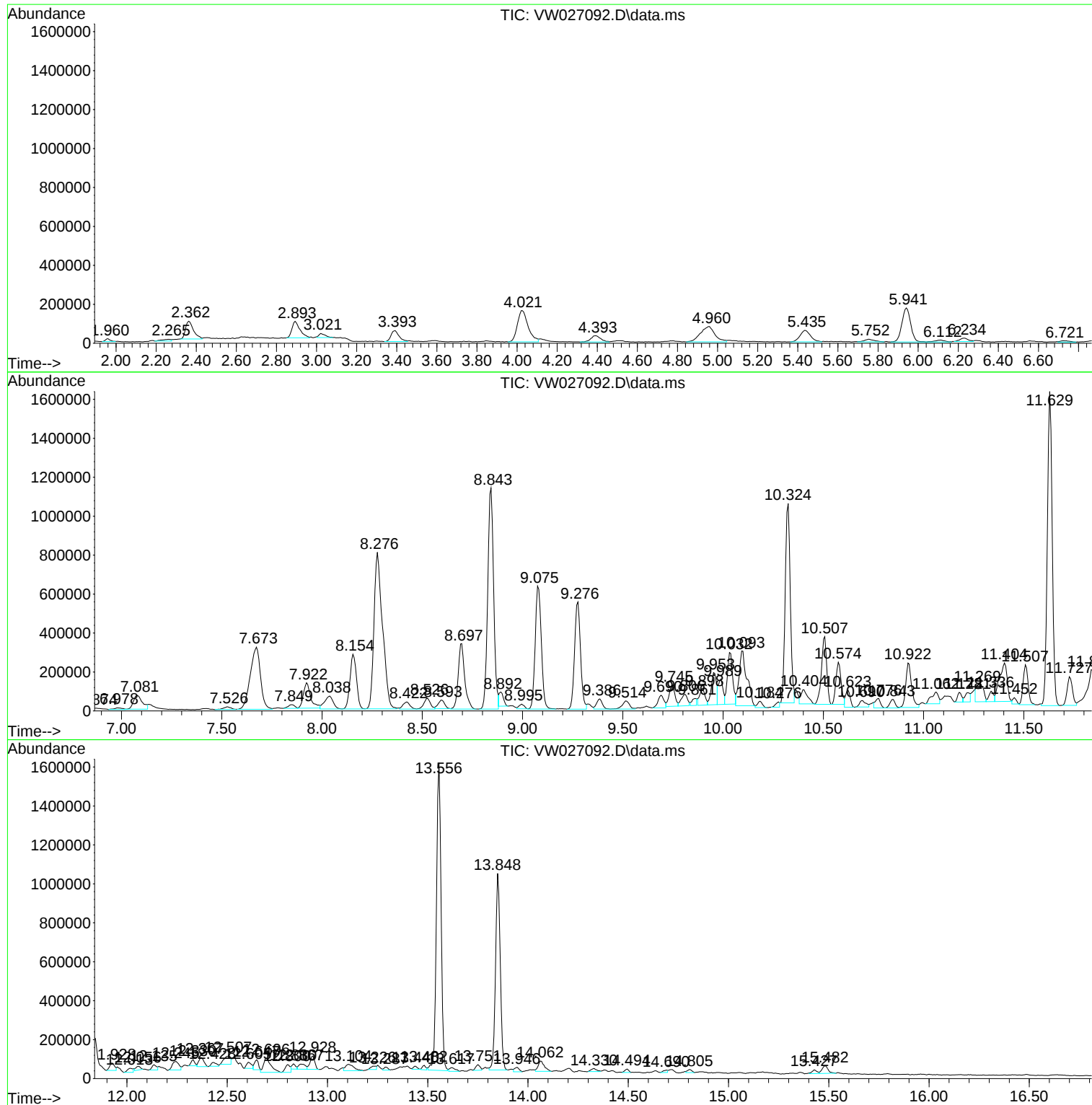
Sum of corrected areas: 31216007

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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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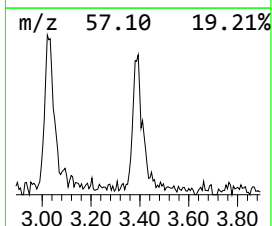
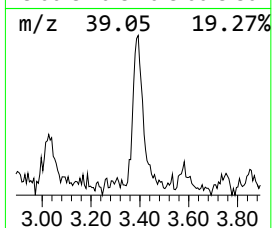
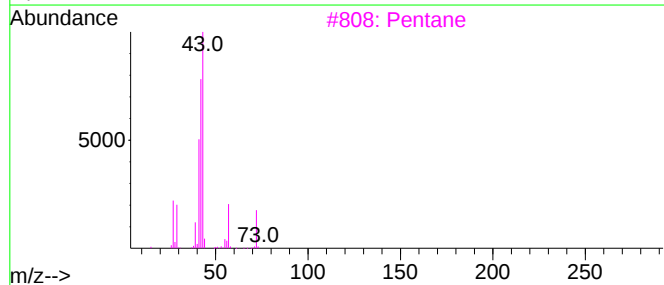
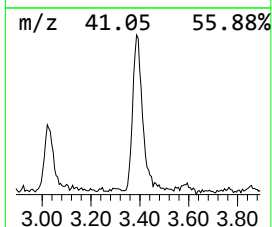
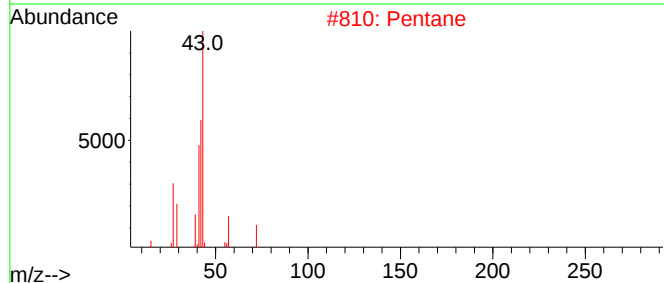
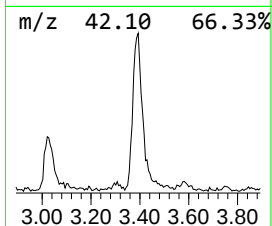
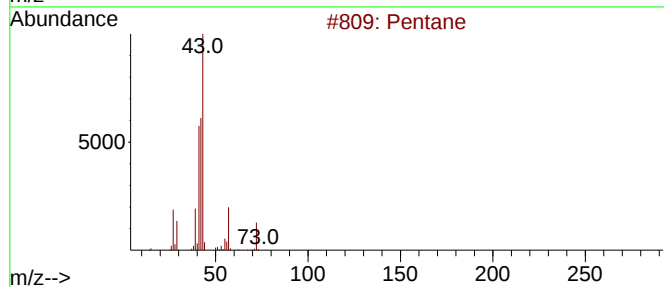
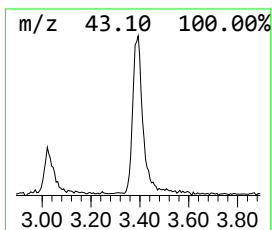
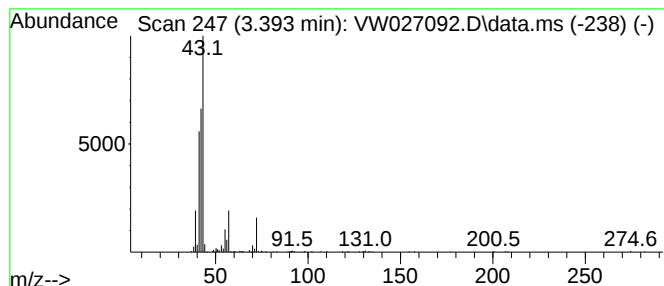
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.70 ug/L	158033	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	83
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	80
5	Pentane			72	C5H12	000109-66-0	72



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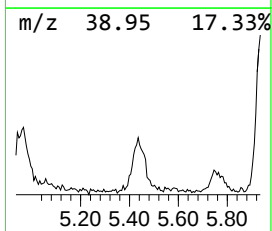
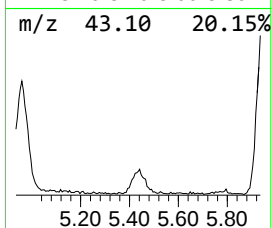
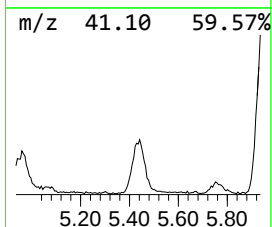
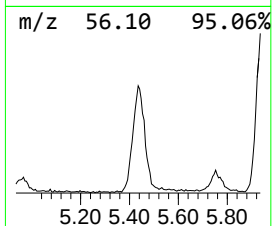
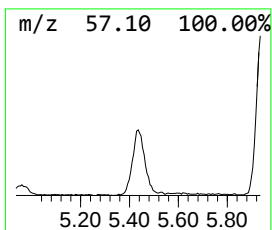
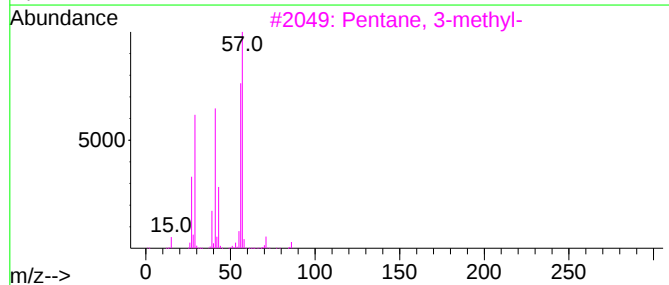
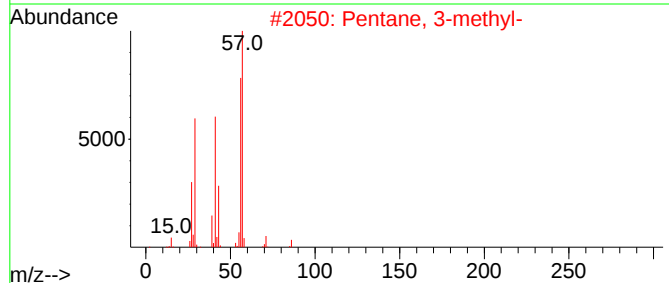
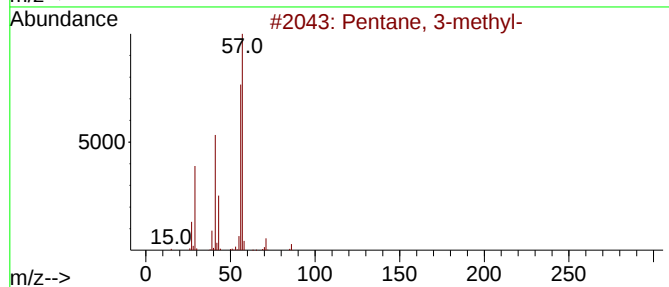
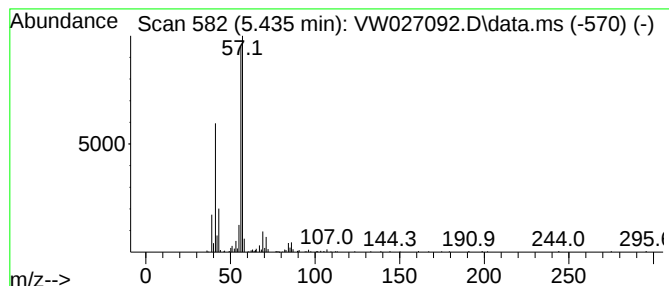
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.435	2.31 ug/L	215441	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	72
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53
5			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	50



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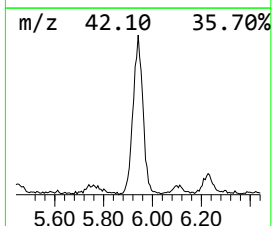
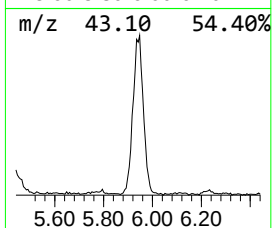
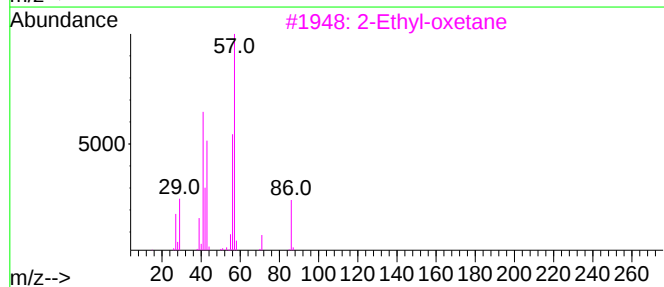
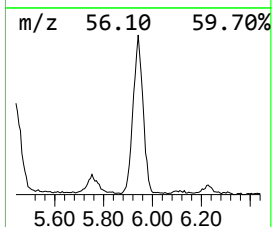
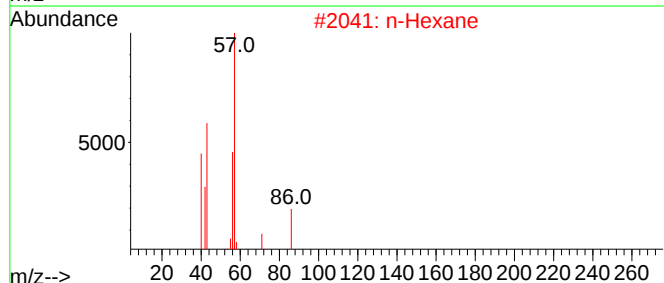
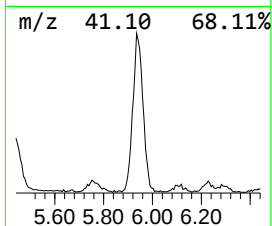
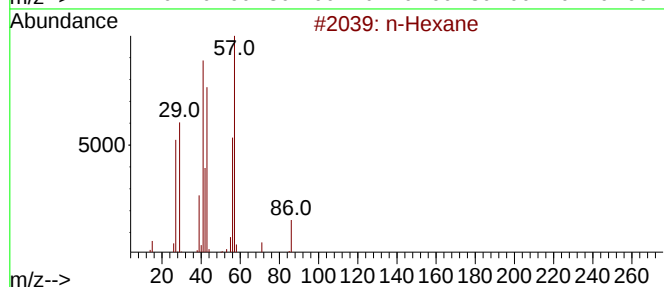
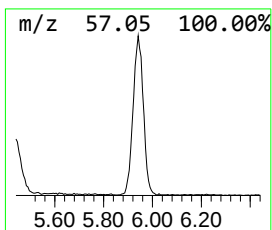
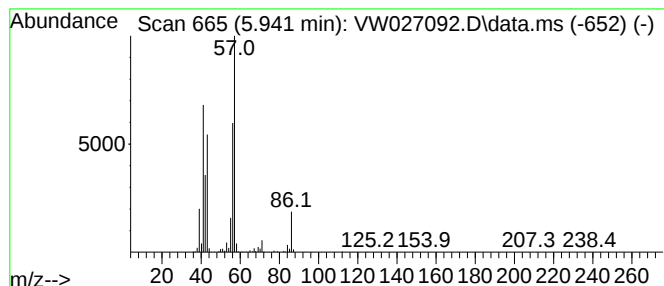
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.941	5.67 ug/L	528707	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	80
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	53
5	n-Hexane	86	C6H14	000110-54-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

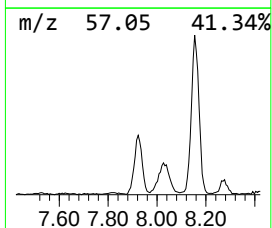
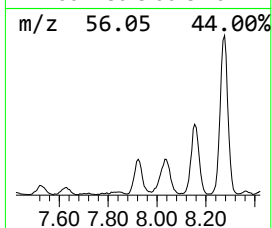
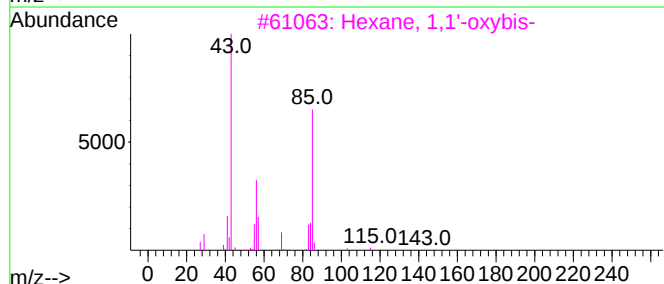
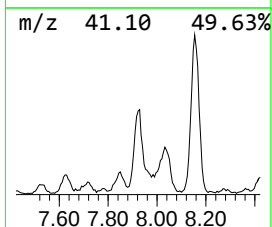
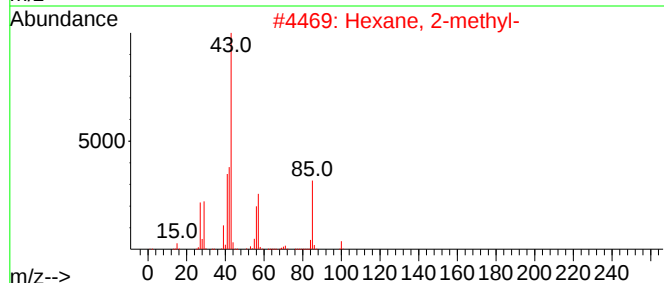
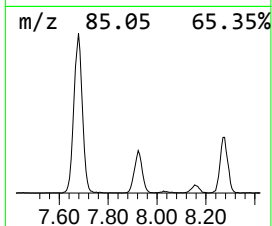
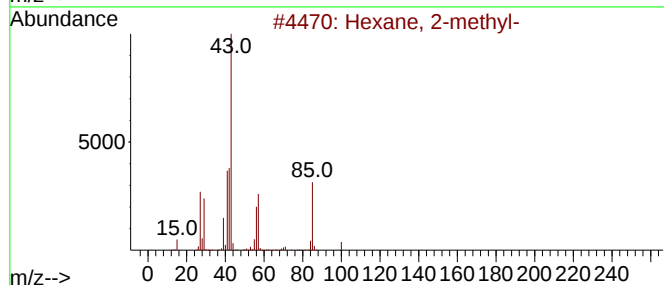
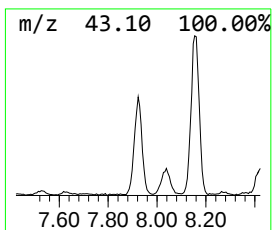
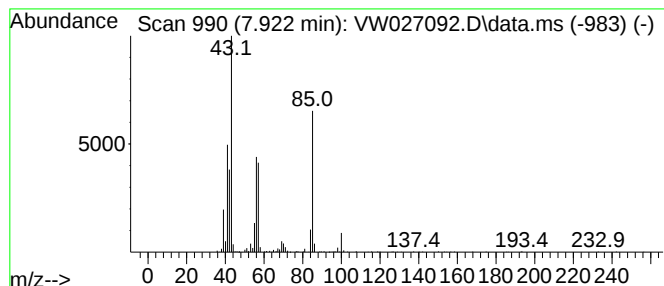
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	3.51 ug/L	327478	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4		Hexane, 2-methyl-	100	C7H16	000591-76-4	52
5		Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

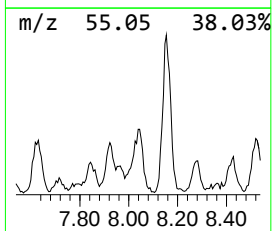
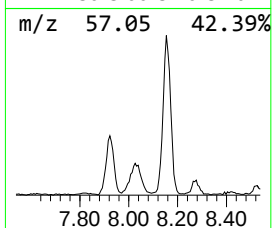
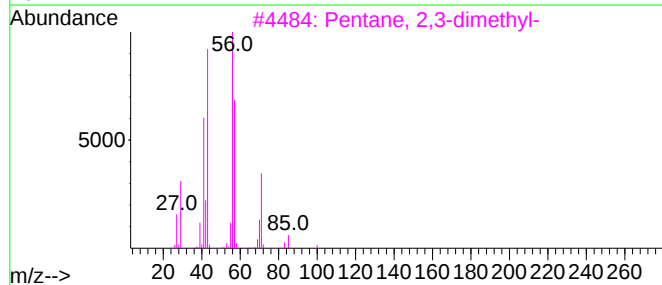
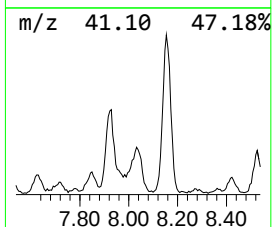
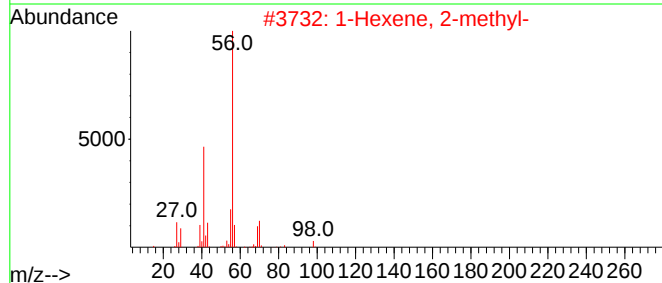
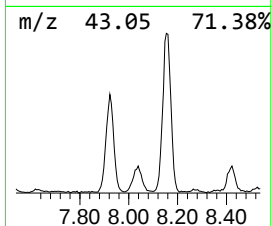
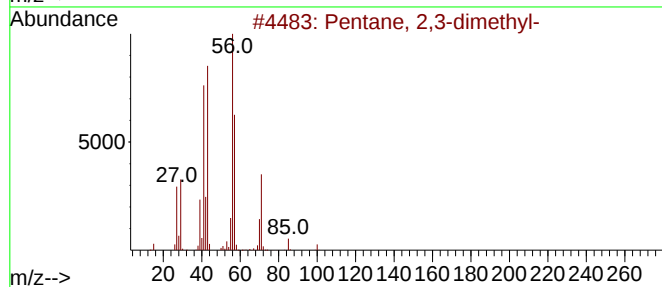
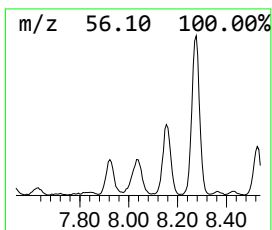
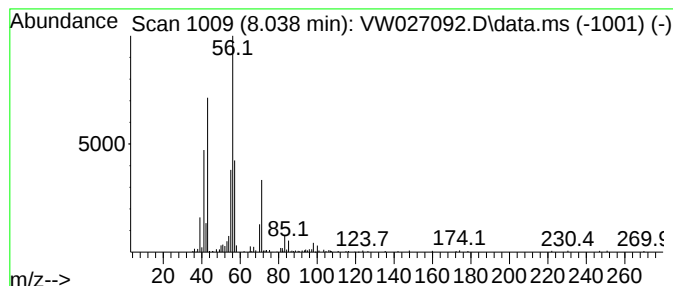
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.038	2.10 ug/L	195486	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	59
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
5	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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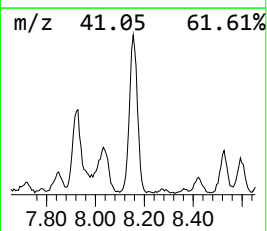
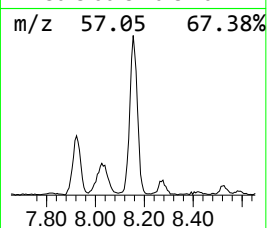
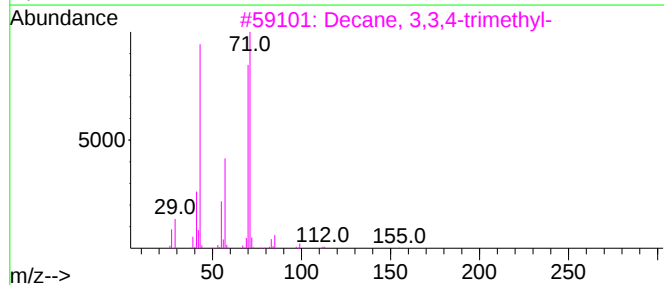
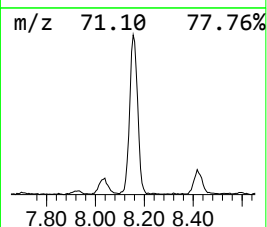
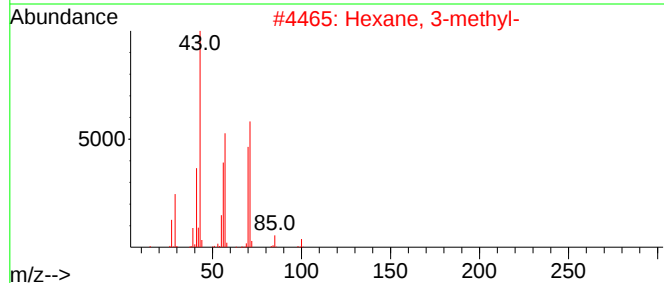
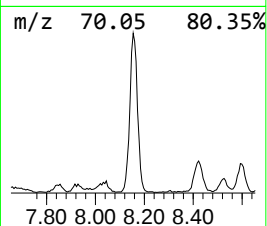
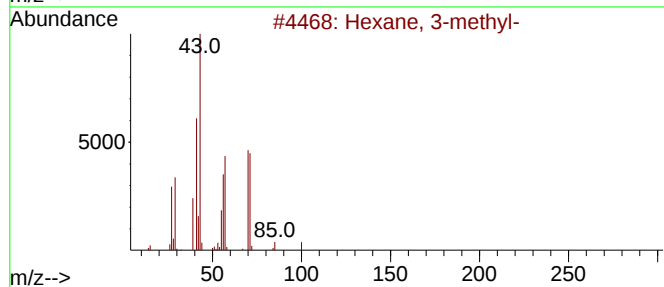
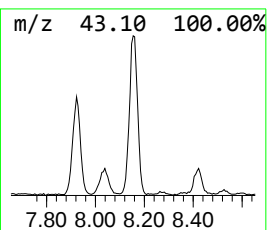
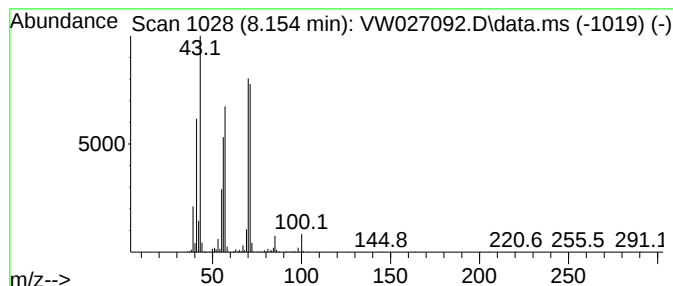
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	6.74 ug/L	628323	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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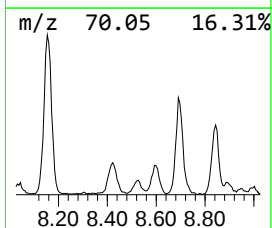
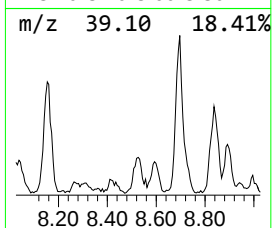
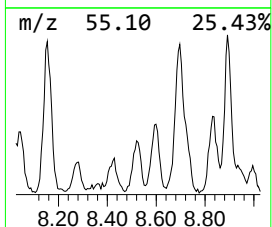
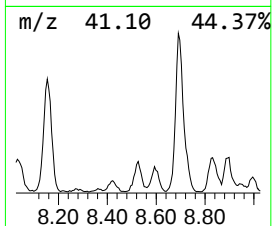
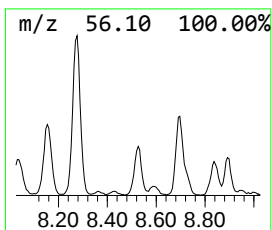
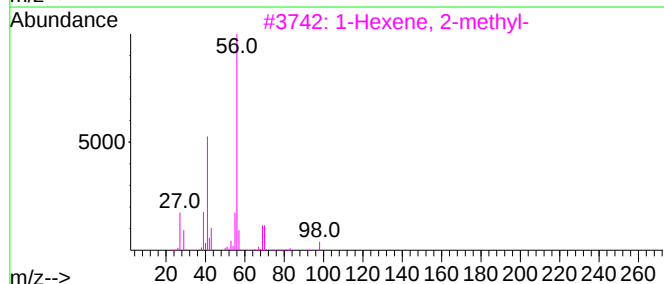
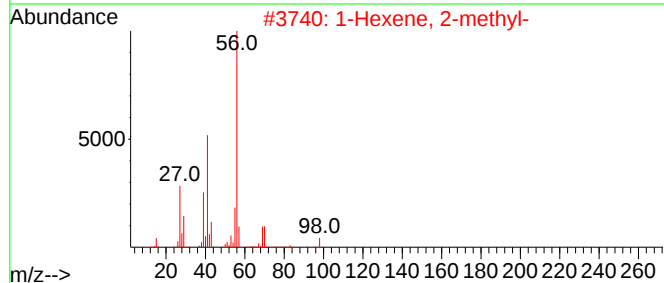
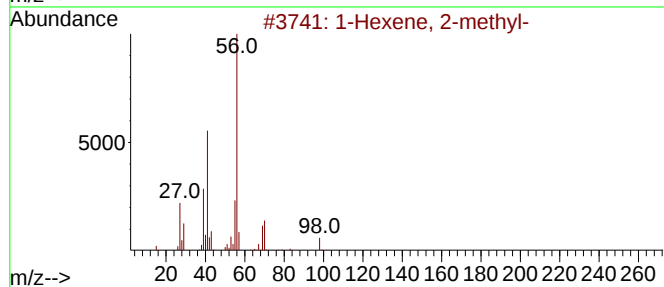
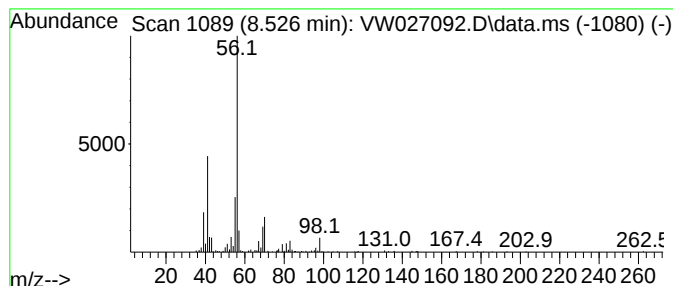
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	1.37 ug/L	127656	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	90	
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	87	
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	87	
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	80	
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	72	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

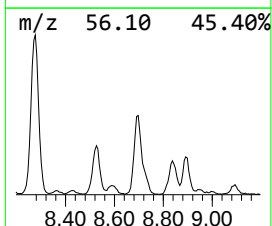
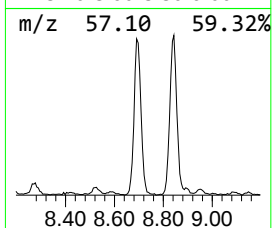
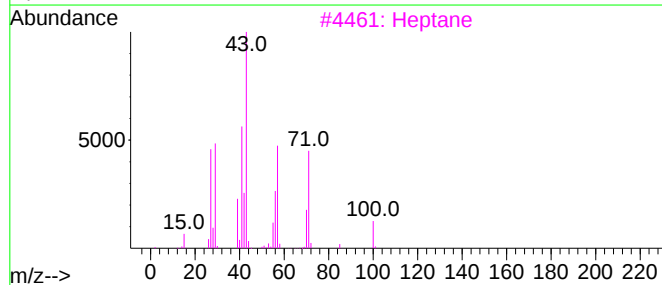
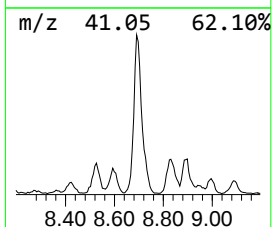
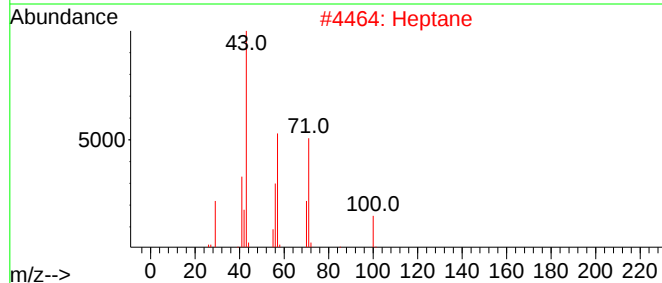
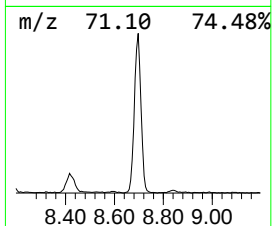
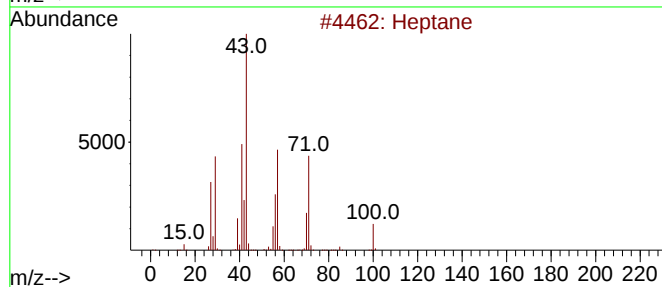
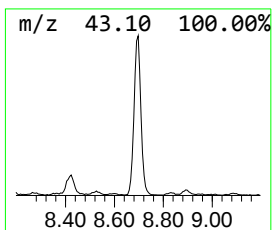
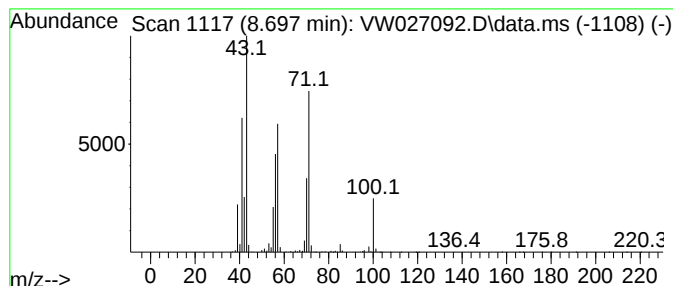
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.697	8.10 ug/L	755304	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	86
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane	100	C7H16	000142-82-5	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5	Heptane	100	C7H16	000142-82-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

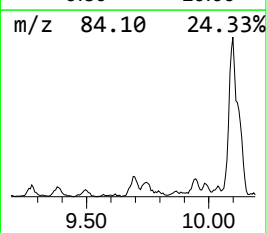
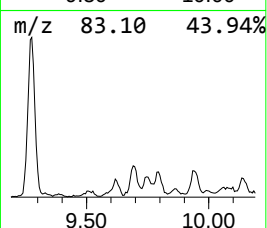
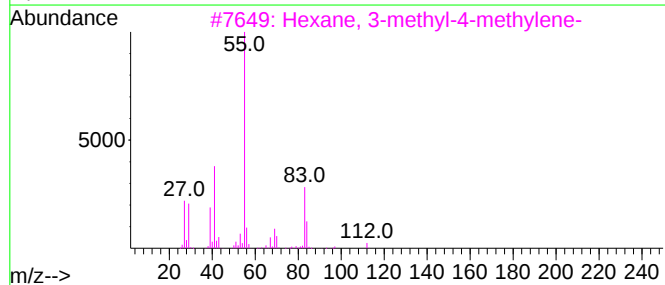
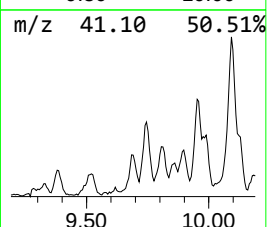
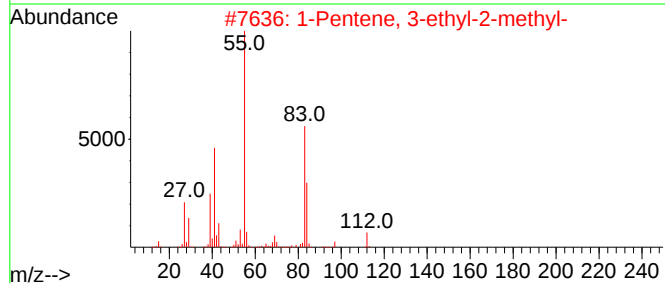
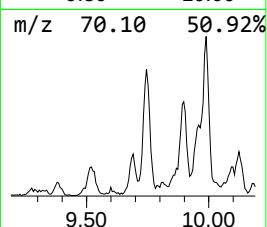
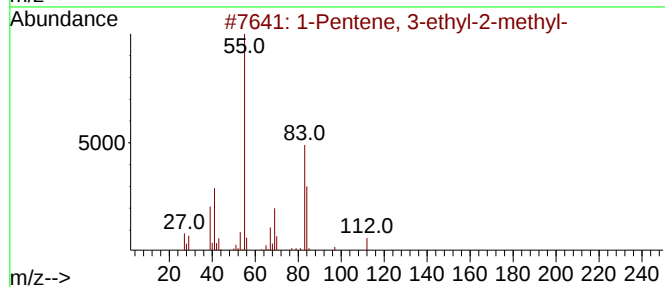
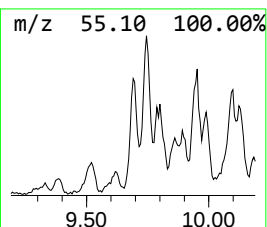
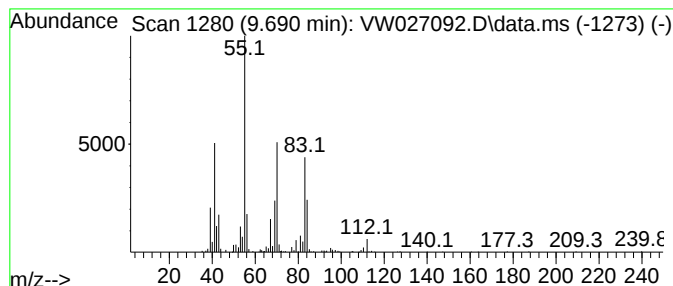
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.690	1.48 ug/L	137804	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	58
2	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	49
3	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	47
4	3-Ethyl-3-hexene	112	C8H16	016789-51-8	47
5	3-Ethyl-2-hexene	112	C8H16	000620-00-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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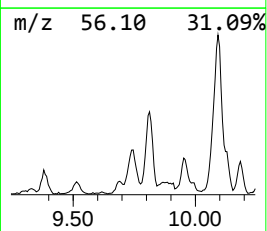
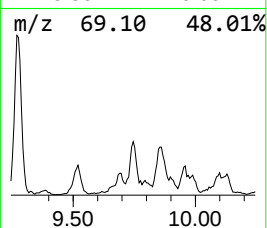
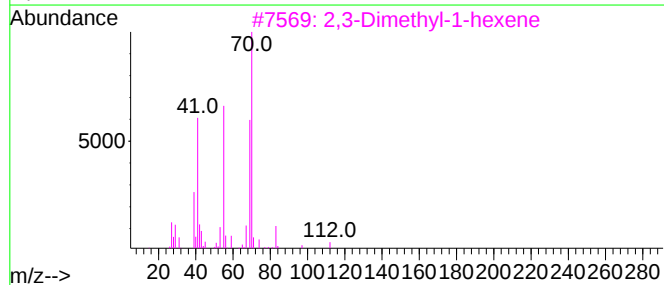
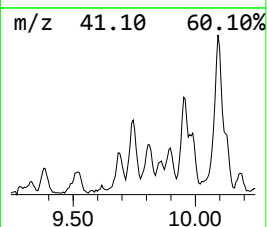
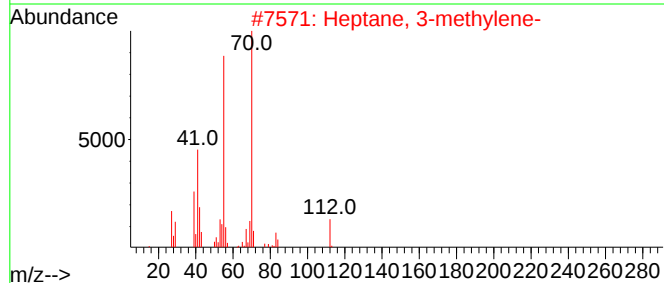
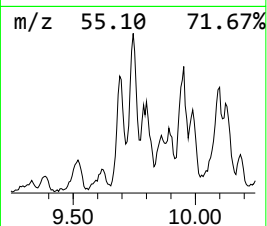
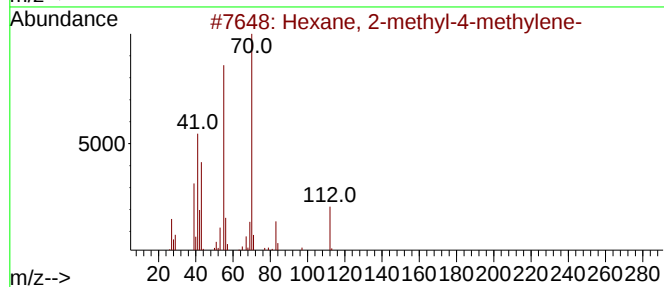
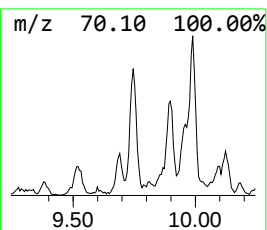
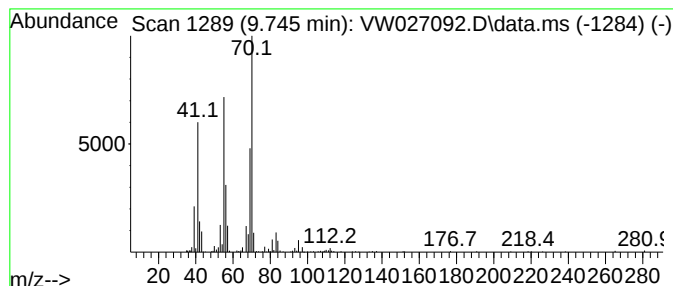
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	2.32 ug/L	215922	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64
2		Heptane, 3-methylene-	112	C8H16	001632-16-2	64
3		2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	59
4		2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	59
5		Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

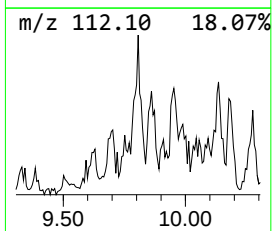
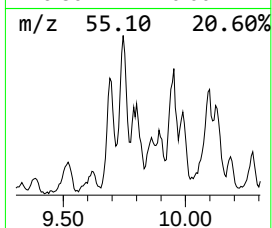
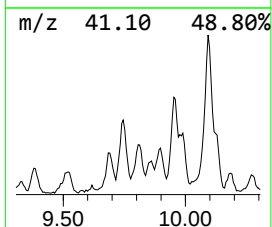
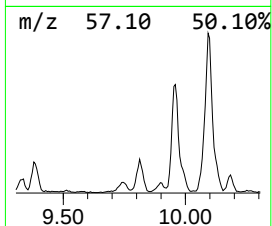
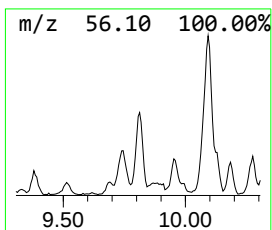
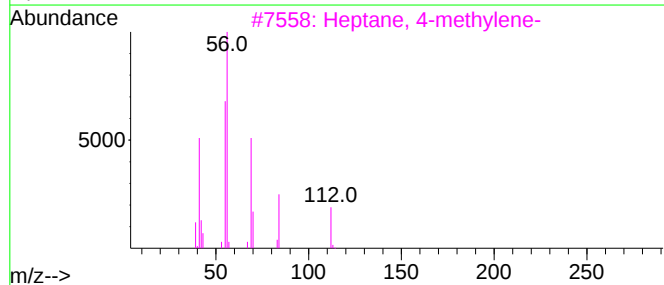
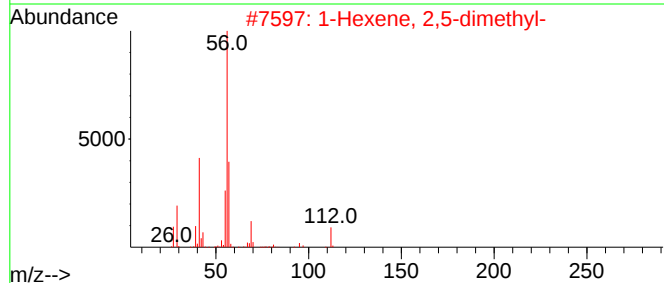
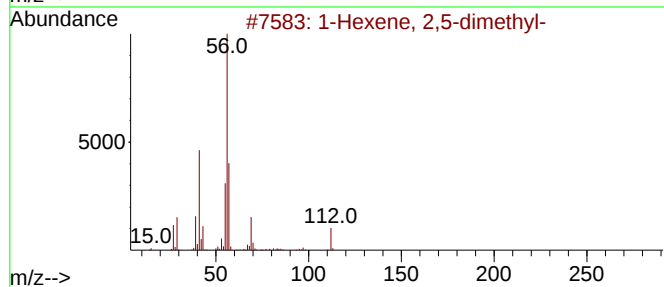
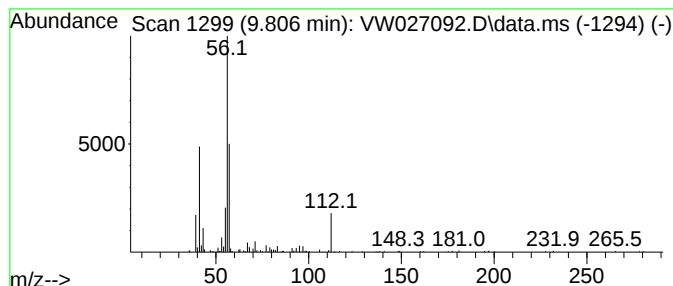
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.806	1.36 ug/L	126451	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	80
2		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	56
3		Heptane, 4-methylene-	112	C8H16	015918-08-8	50
4		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	50
5		2-Propen-1-amine	57	C3H7N	000107-11-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

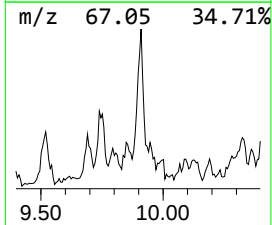
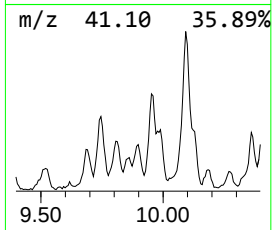
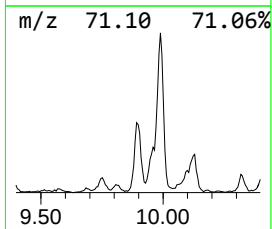
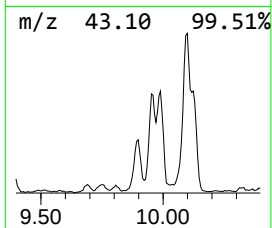
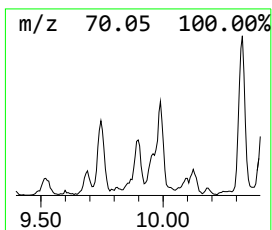
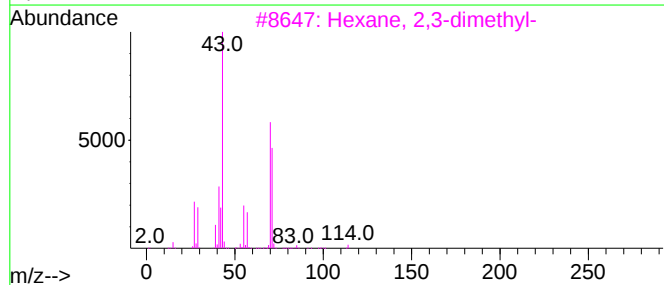
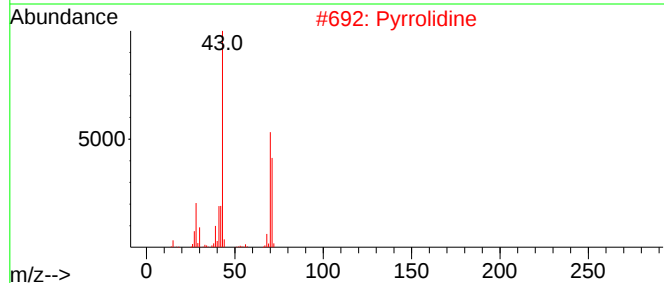
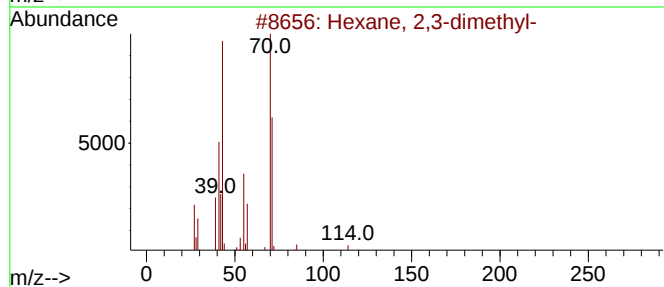
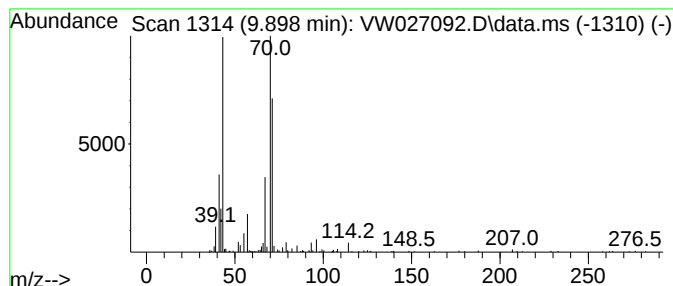
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	1.65 ug/L	153578	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	80
2		Pyrrolidine	71	C4H9N	000123-75-1	64
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
4		Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	53
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

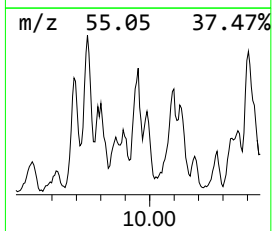
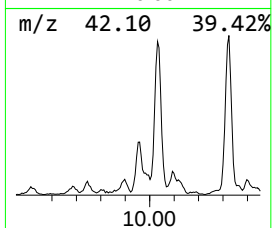
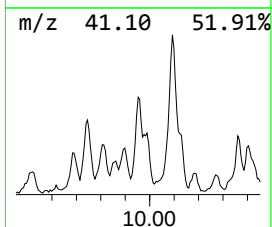
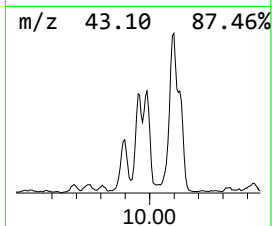
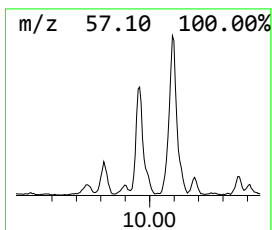
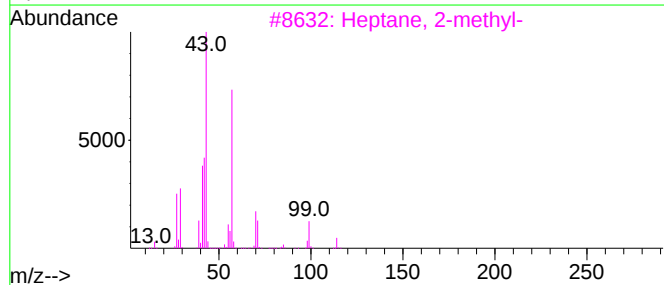
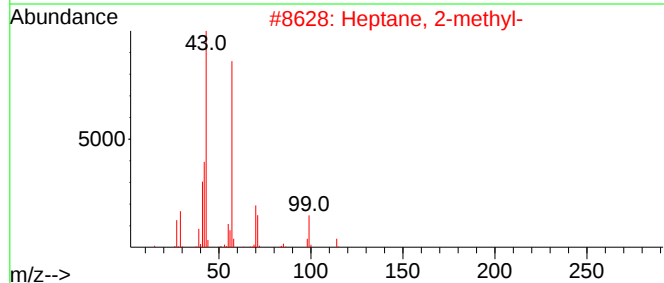
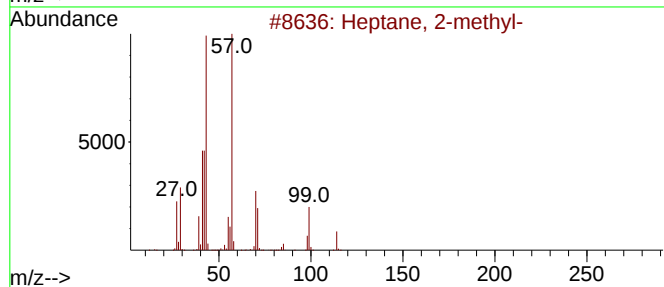
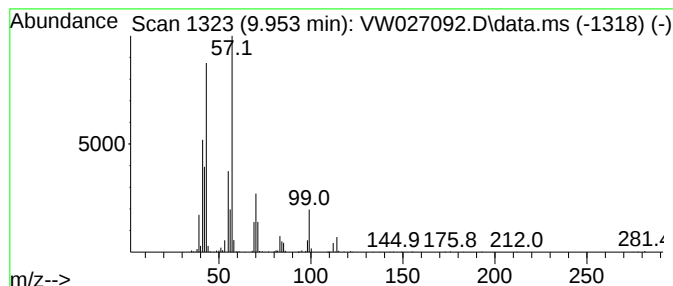
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	3.26 ug/L	303840	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	80
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5		Cyclobutanone, 2-ethyl-	98	C6H10O	010374-14-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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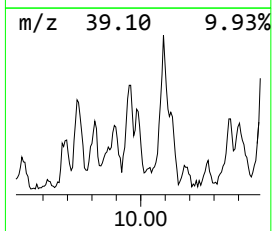
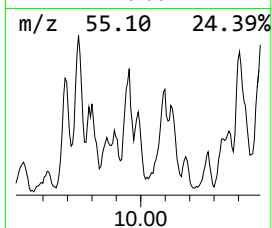
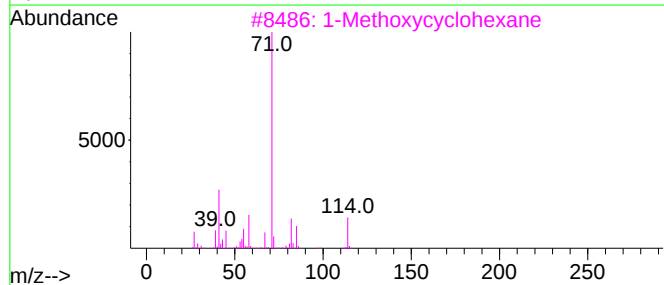
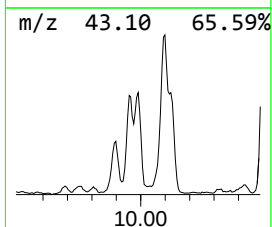
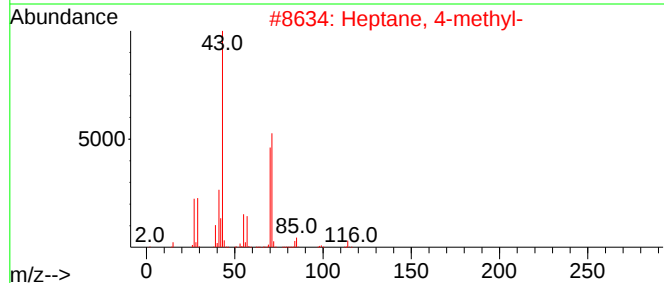
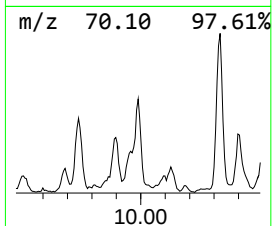
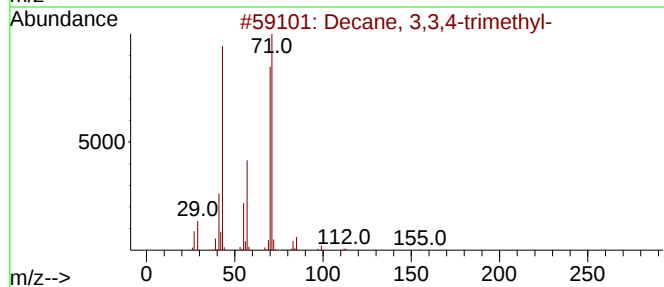
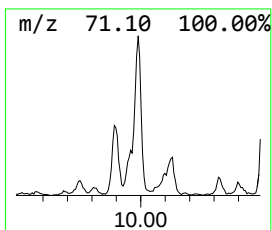
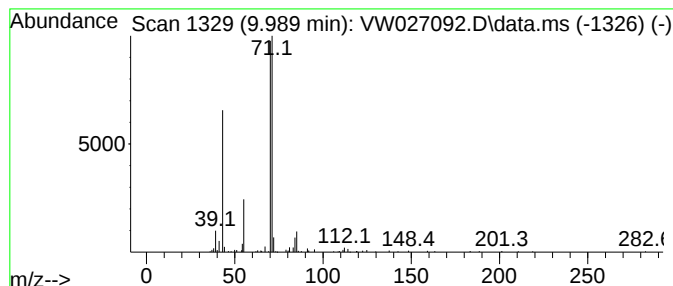
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	2.24 ug/L	208608	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	43
3		1-Methoxycyclohexane	114	C7H14O	000931-56-6	38
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
5		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

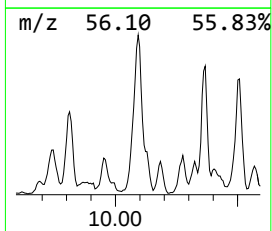
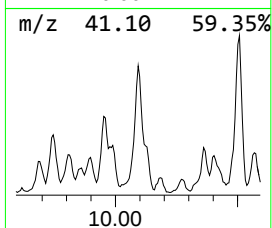
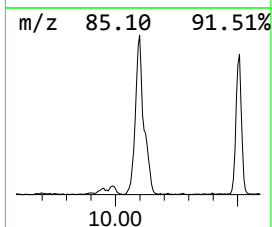
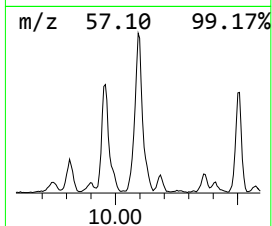
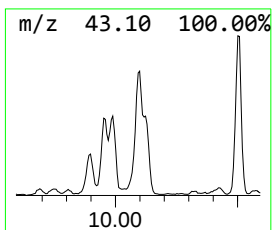
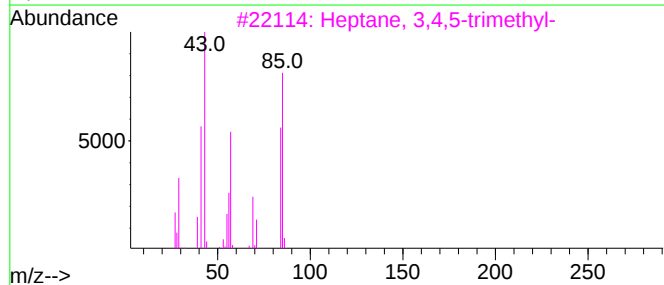
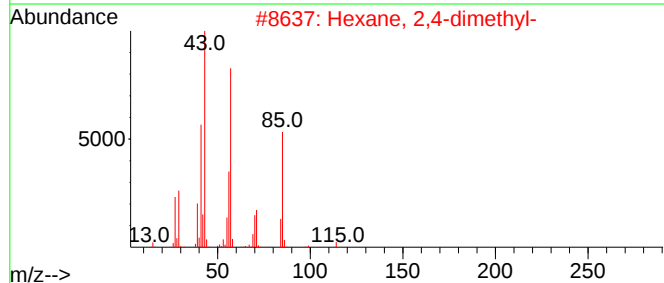
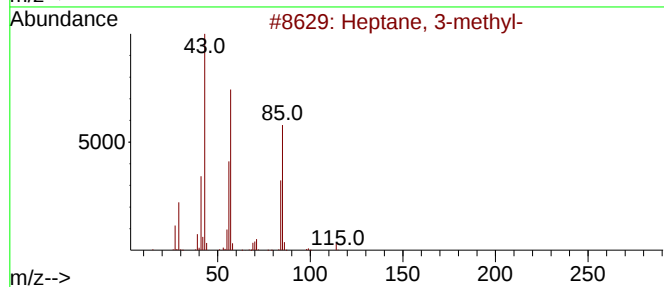
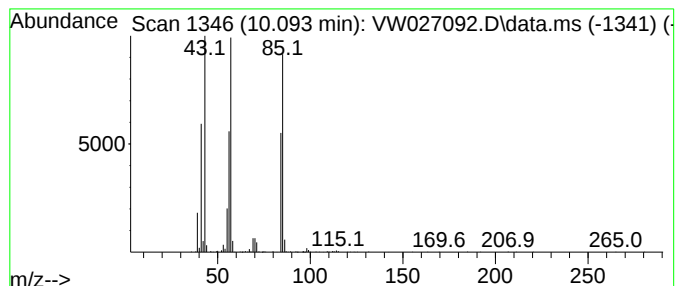
Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

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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 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.093	8.06 ug/L	751585	1,4-Difluorobenzene			8.843
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-		114	C8H18	000589-81-1	83
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	72
3	Heptane, 3,4,5-trimethyl-		142	C10H22	020278-89-1	72
4	Hexyl n-valerate		186	C11H22O2	001117-59-5	72
5	Heptane, 3-methyl-		114	C8H18	000589-81-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

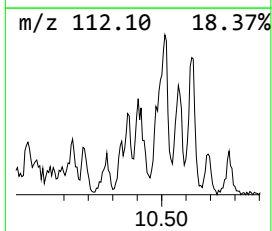
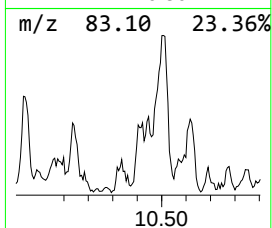
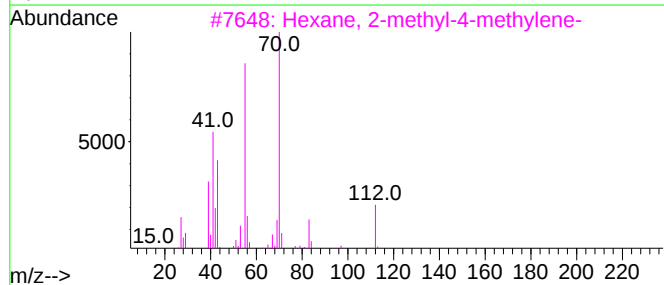
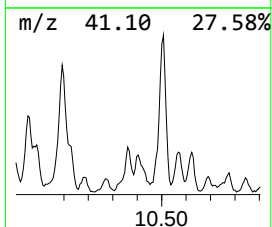
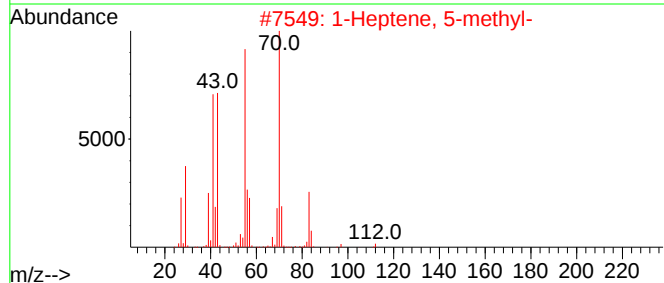
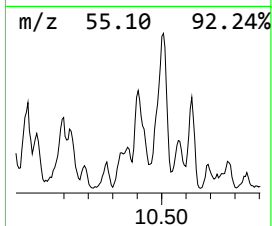
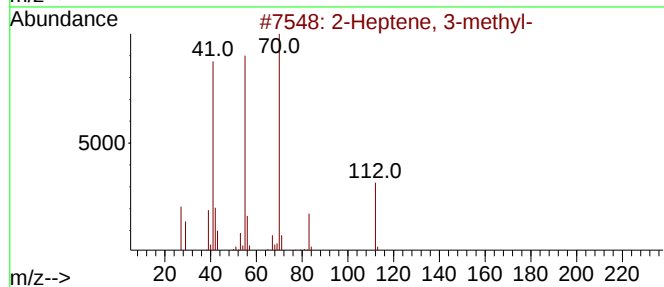
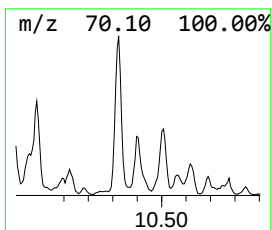
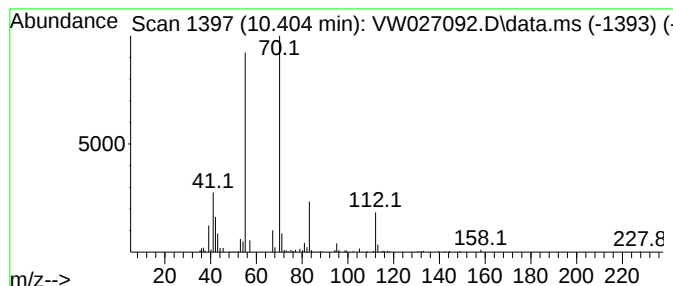
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.404	1.53 ug/L	166396	Chlorobenzene-d5		11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-		112	C8H16	003404-75-9	78
2	1-Heptene, 5-methyl-		112	C8H16	013151-04-7	72
3	Hexane, 2-methyl-4-methylene-		112	C8H16	003404-80-6	72
4	Heptane, 3-methylene-		112	C8H16	001632-16-2	64
5	Hexane, 2-methyl-4-methylene-		112	C8H16	003404-80-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

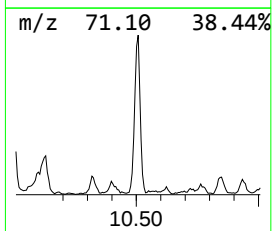
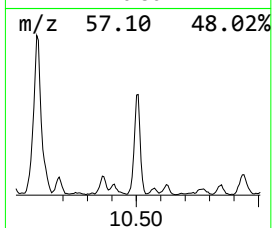
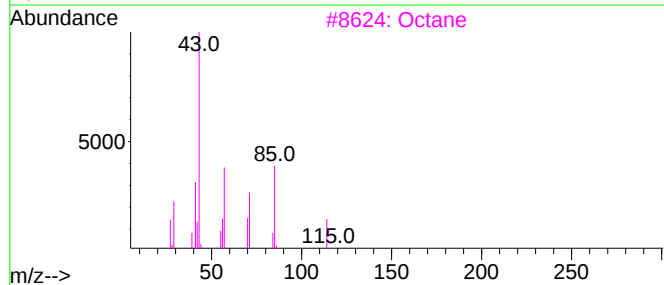
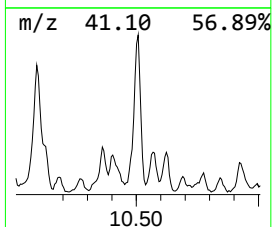
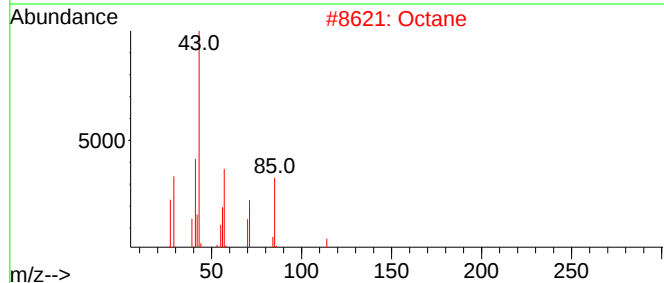
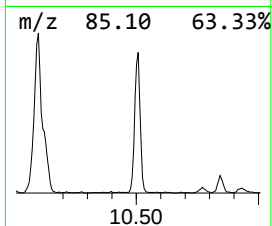
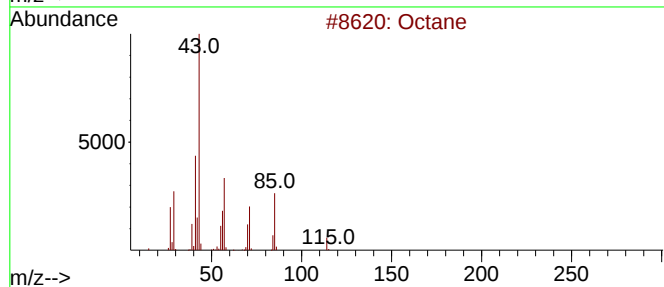
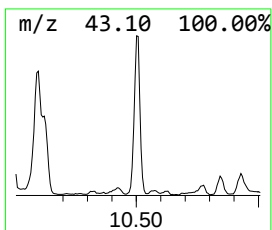
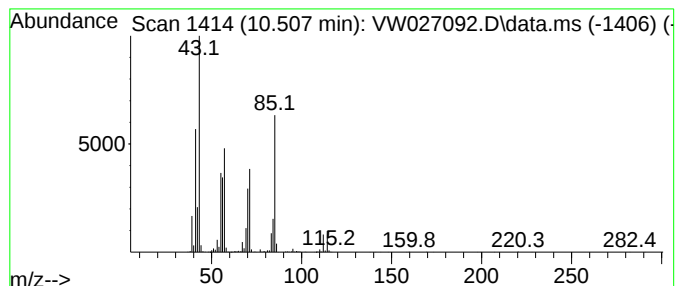
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.507	5.88 ug/L	638619	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	87
2	Octane			114	C8H18	000111-65-9	83
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\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

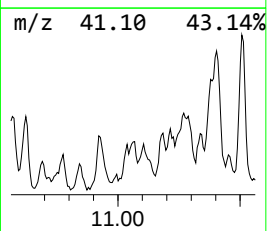
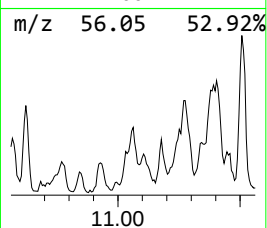
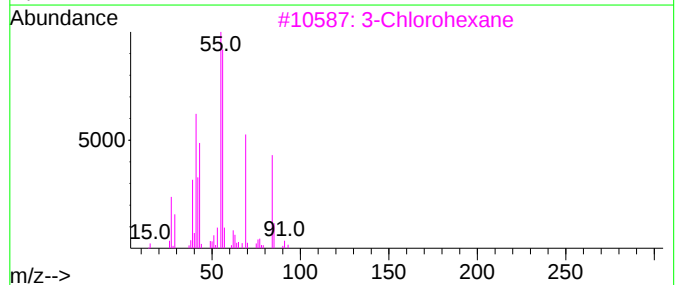
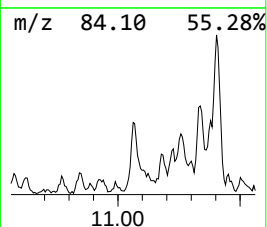
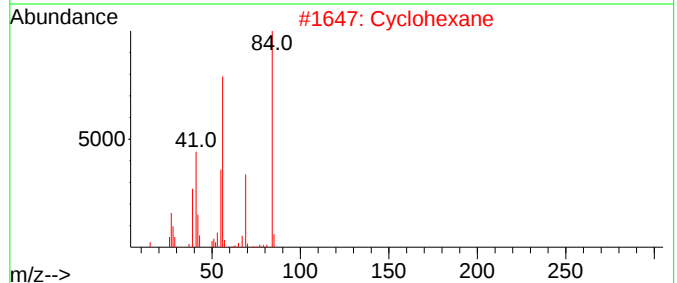
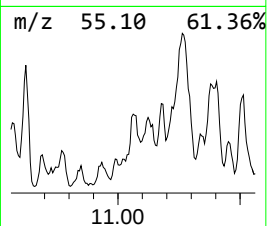
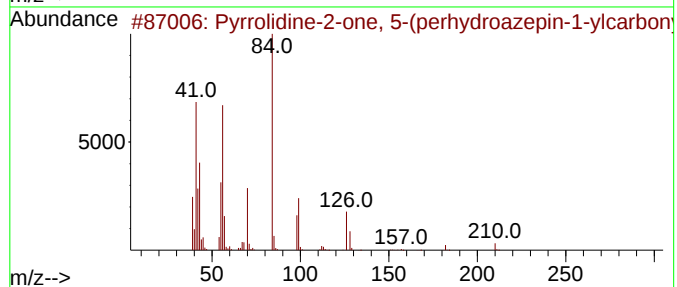
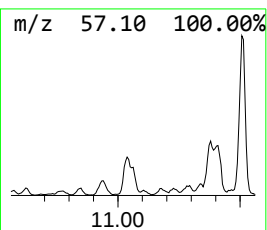
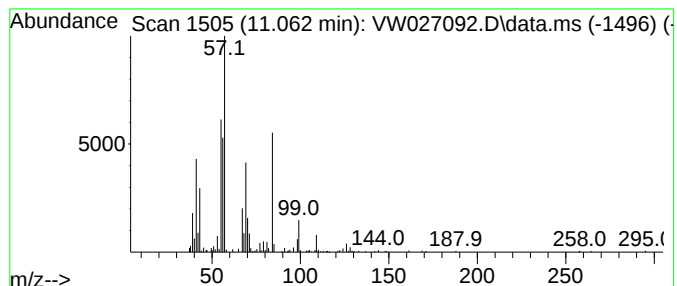
Instrument :
MSVOA_W
ClientSampleId :
EZYLR6RE

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Quant Title : SFAM01.0

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

Peak Number 19 Pyrrolidine-2-one, 5-(perhy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.062	1.39 ug/L	151459	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine-2-one, 5-(perhydroaz...	210	C11H18N2O2	1010260-38-7	59
2	Cyclohexane	84	C6H12	000110-82-7	43
3	3-Chlorohexane	120	C6H13Cl	002346-81-8	38
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	35
5	Cyclopentanone	84	C5H8O	000120-92-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

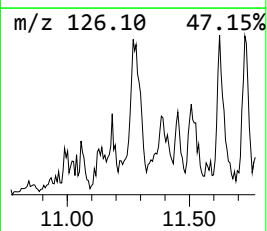
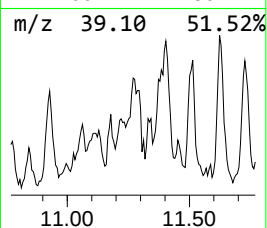
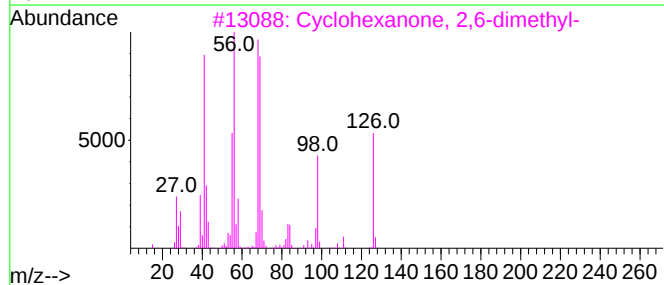
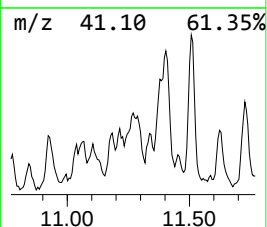
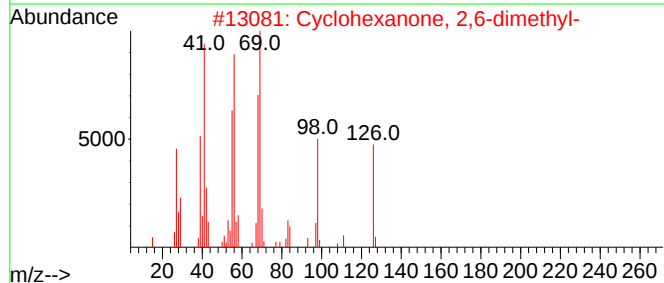
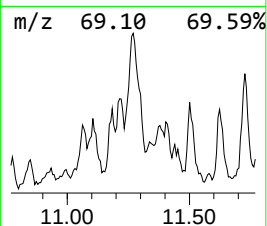
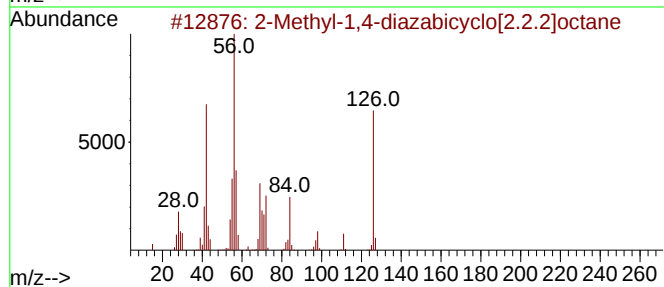
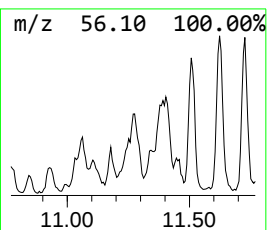
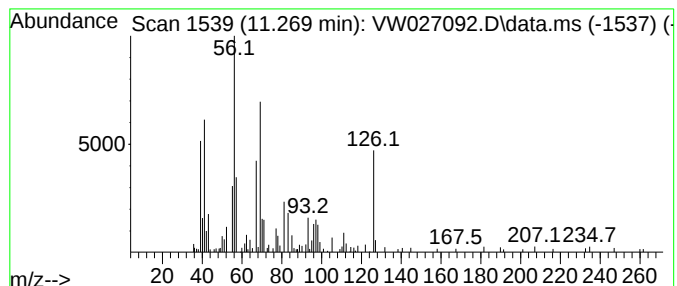
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.00 ug/L	217657	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methyl-1,4-diazabicyclo[2.2.2]...	126	C7H14N2	001193-66-4	49
2		Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	46
3		Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	46
4		(R)-(+)-3-Aminoquinuclidine	126	C7H14N2	123536-15-2	43
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

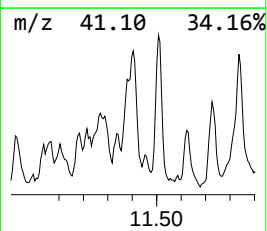
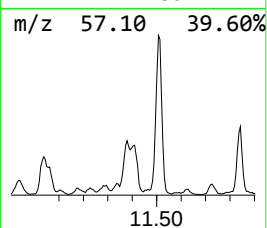
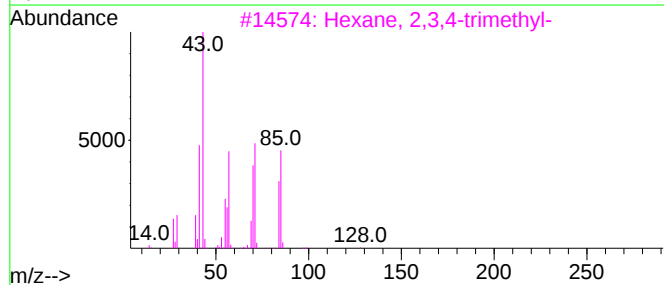
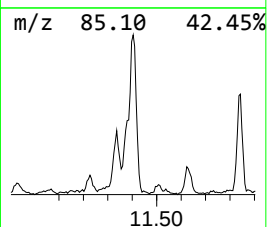
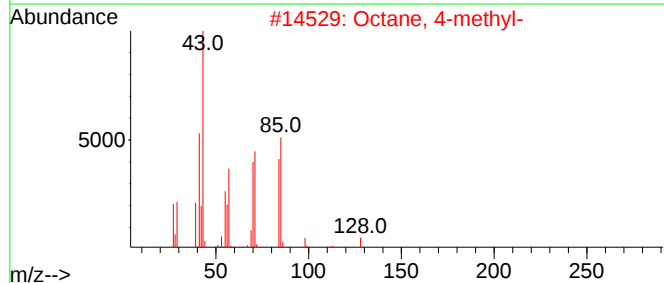
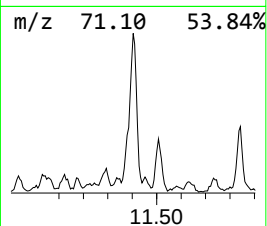
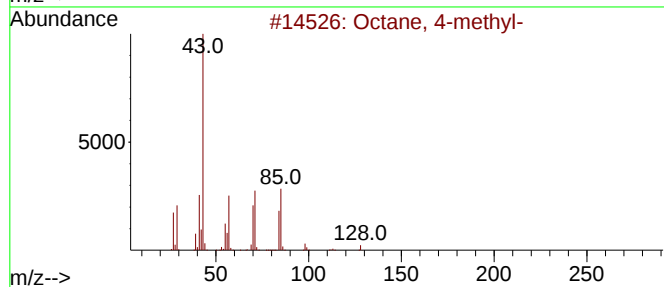
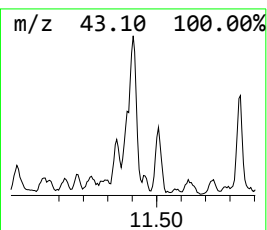
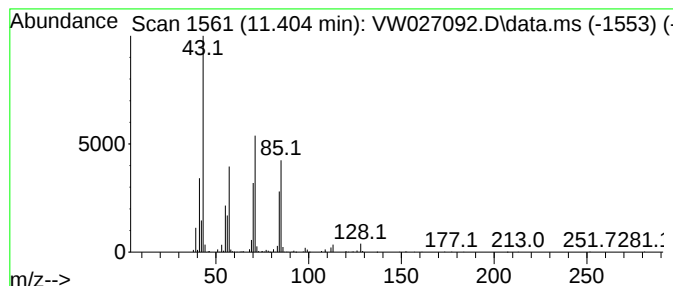
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	4.91 ug/L	533783	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	87
2	Octane, 4-methyl-			128	C9H20	002216-34-4	81
3	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	72
4	Octane, 4-methyl-			128	C9H20	002216-34-4	64
5	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY6RE

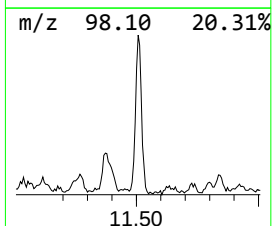
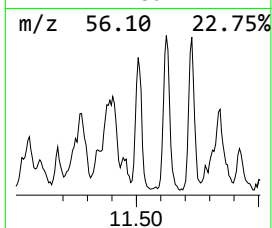
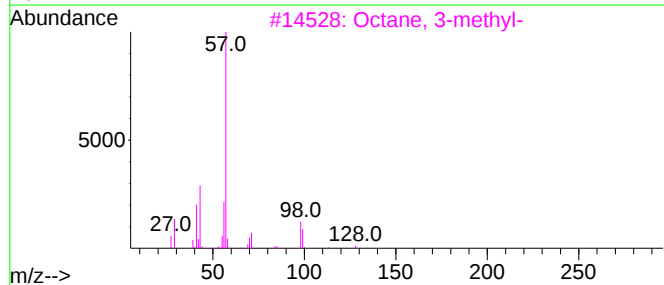
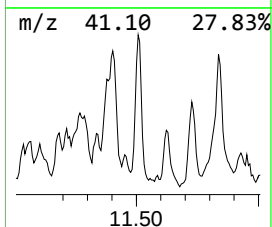
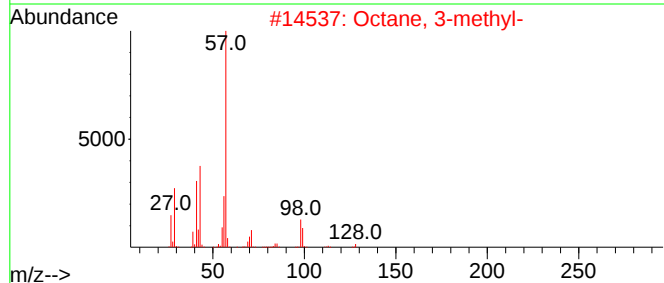
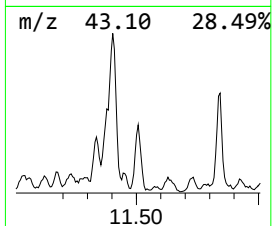
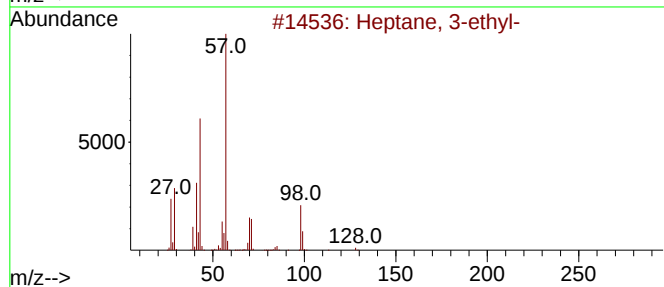
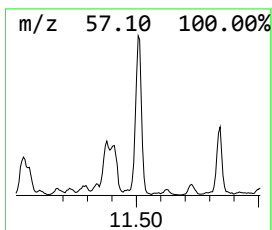
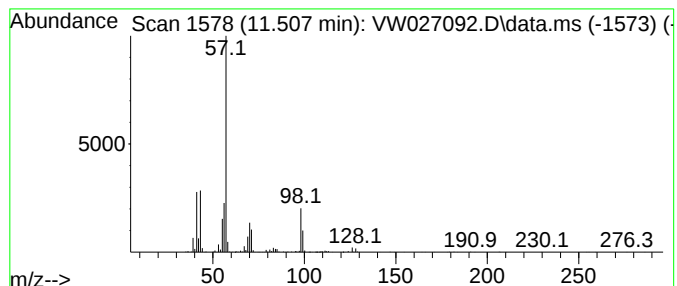
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	3.22 ug/L	349923	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-	128	C9H20	015869-80-4	74
2		Octane, 3-methyl-	128	C9H20	002216-33-3	72
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

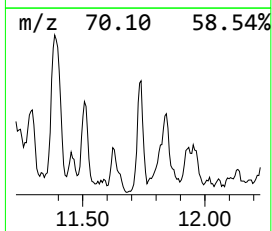
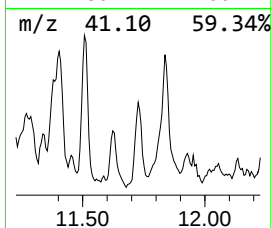
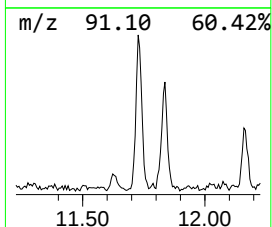
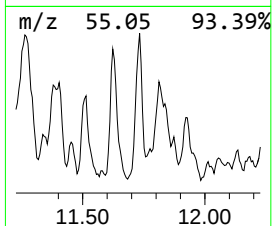
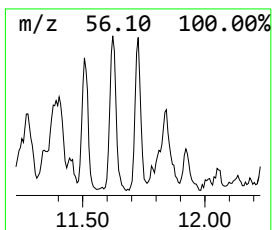
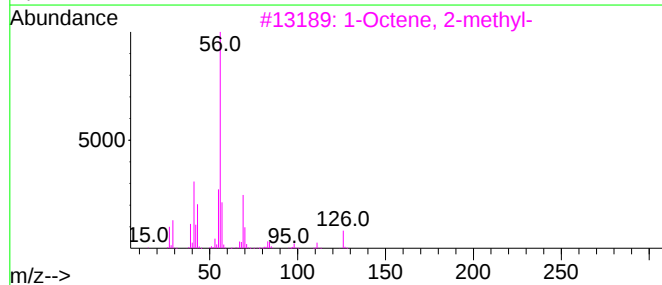
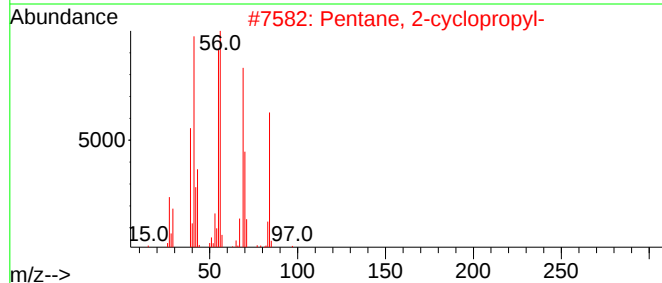
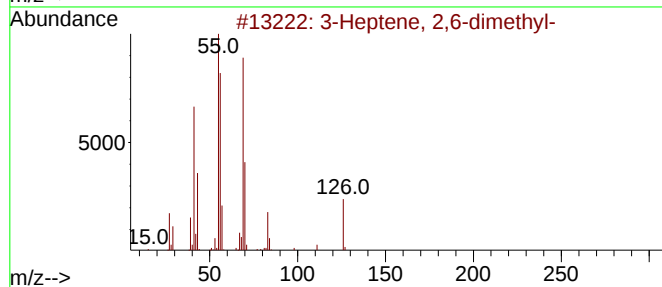
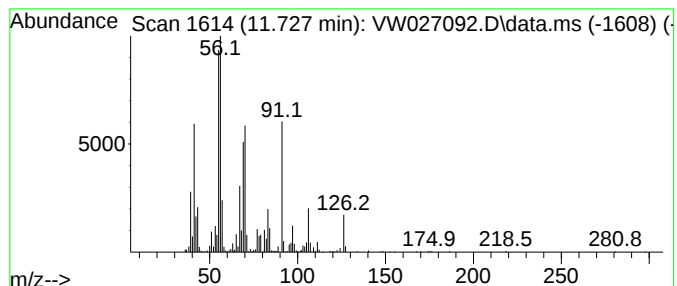
Instrument :
MSVOA_W
ClientSampleId :
EZYLR6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.727	2.51 ug/L	272285	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	68
2	Pentane, 2-cyclopropyl-		112	C8H16	005458-16-2	49
3	1-Octene, 2-methyl-		126	C9H18	004588-18-5	43
4	Cyclopropane, 1-methyl-2-(3-meth...		140	C10H20	062238-07-7	43
5	1-Heptene, 3-methyl-		112	C8H16	004810-09-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027092.D
Acq On : 13 Sep 2023 14:50
Operator : SY/MD
Sample : 04330-21RE
Misc : 8.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYLR6RE

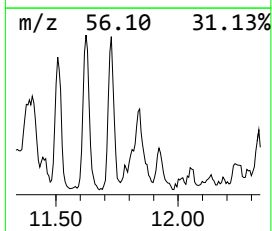
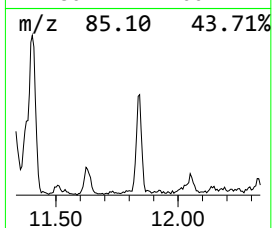
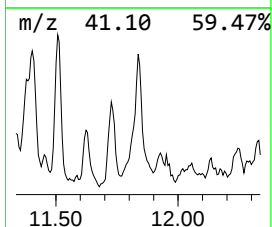
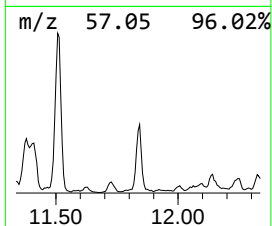
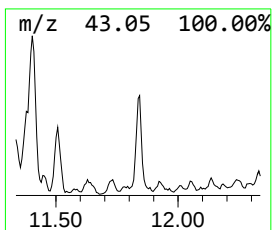
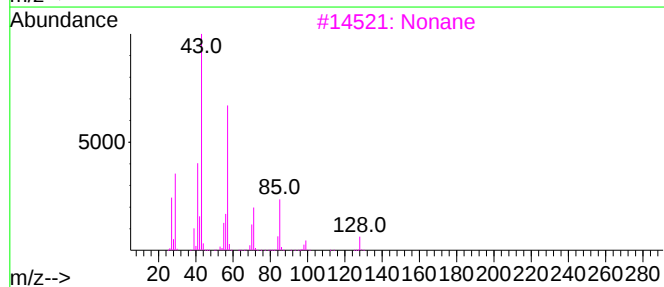
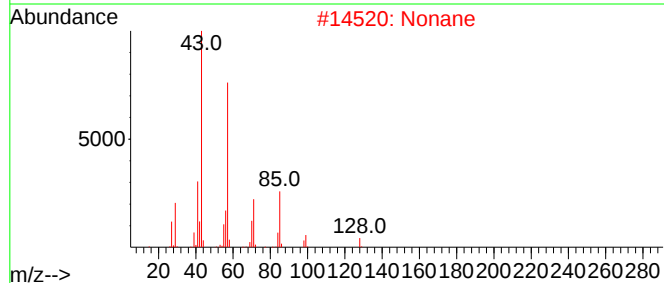
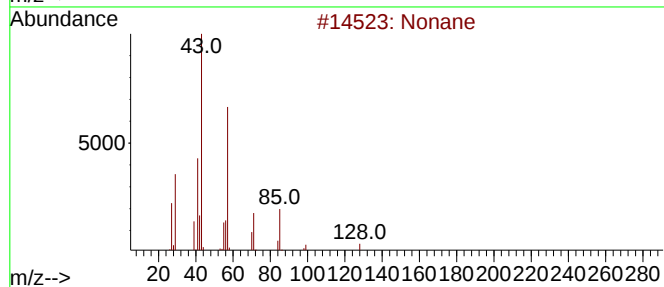
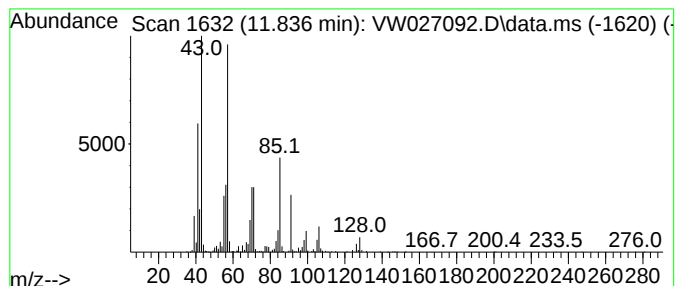
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.836	3.80 ug/L	412747	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	87
2			Nonane	128	C9H20	000111-84-2	87
3			Nonane	128	C9H20	000111-84-2	58
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5			Ether, heptyl hexyl	200	C13H28O	007289-40-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
 Data File : VW027092.D
 Acq On : 13 Sep 2023 14:50
 Operator : SY/MD
 Sample : 04330-21RE
 Misc : 8.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYL6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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...	3.393	1.7	ug/L	158033	1	8.843	2330670	25.0	
(DEL) Alkane: S...	5.435	2.3	ug/L	215441	1	8.843	2330670	25.0	
(DEL) Alkane: S...	5.941	5.7	ug/L	528707	1	8.843	2330670	25.0	
(DEL) Alkane: S...	7.922	3.5	ug/L	327478	1	8.843	2330670	25.0	
(DEL) Alkane: S...	8.038	2.1	ug/L	195486	1	8.843	2330670	25.0	
(DEL) Alkane: S...	8.154	6.7	ug/L	628323	1	8.843	2330670	25.0	
(DEL) Alkane: S...	8.526	1.4	ug/L	127656	1	8.843	2330670	25.0	
(DEL) Alkane: S...	8.697	8.1	ug/L	755304	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.690	1.5	ug/L	137804	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.745	2.3	ug/L	215922	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.806	1.4	ug/L	126451	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.898	1.6	ug/L	153578	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.953	3.3	ug/L	303840	1	8.843	2330670	25.0	
(DEL) Alkane: S...	9.989	2.2	ug/L	208608	1	8.843	2330670	25.0	
(DEL) Alkane: S...	10.093	8.1	ug/L	751585	1	8.843	2330670	25.0	
(DEL) Alkane: S...	10.404	1.5	ug/L	166396	2	11.629	2715550	25.0	
(DEL) Alkane: S...	10.507	5.9	ug/L	638619	2	11.629	2715550	25.0	
Pyrrolidine-2-o...	11.062	1.4	ug/L	151459	2	11.629	2715550	25.0	
unknown-01	11.269	2.0	ug/L	217657	2	11.629	2715550	25.0	
(DEL) Alkane: S...	11.404	4.9	ug/L	533783	2	11.629	2715550	25.0	
(DEL) Alkane: S...	11.507	3.2	ug/L	349923	2	11.629	2715550	25.0	
(DEL) Alkane: S...	11.727	2.5	ug/L	272285	2	11.629	2715550	25.0	
(DEL) Alkane: S...	11.836	3.8	ug/L	412747	2	11.629	2715550	25.0	