

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077202.D
 Acq On : 22 Sep 2023 16:31
 Operator : JC/SY
 Sample : 04527-11
 Misc : 5.42G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYY8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VD077202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.640	6	9	10	rBV	669	708	0.01%	0.004%
2	1.699	13	19	20	rVV	5832	8542	0.13%	0.046%
3	1.728	20	24	32	rVB	59210	93485	1.38%	0.499%
4	1.893	49	52	55	rVB2	3864	5046	0.07%	0.027%
5	2.105	83	88	91	rBV4	4461	6583	0.10%	0.035%
6	2.276	111	117	126	rVB	114784	174393	2.57%	0.931%
7	2.417	138	141	146	rBV2	3376	4800	0.07%	0.026%
8	2.693	183	188	189	rBV3	1122	1556	0.02%	0.008%
9	2.799	199	206	218	rBV	77349	145833	2.15%	0.779%
10	2.893	220	222	224	rVB	1553	1072	0.02%	0.006%
11	2.917	224	226	227	rBV	1365	792	0.01%	0.004%
12	3.605	340	343	345	rVB2	947	812	0.01%	0.004%
13	3.793	370	375	377	rBV	939	1305	0.02%	0.007%
14	3.917	386	396	408	rBV	88328	241398	3.55%	1.289%
15	4.022	408	414	421	rVB2	8900	21658	0.32%	0.116%
16	4.370	471	473	477	rVB2	731	722	0.01%	0.004%
17	4.564	499	506	515	rBV3	2951	6782	0.10%	0.036%
18	4.799	537	546	558	rVV4	11349	34563	0.51%	0.185%
19	4.893	560	562	567	rBV2	1032	1233	0.02%	0.007%
20	5.046	587	588	592	rVB2	836	775	0.01%	0.004%
21	5.087	592	595	597	rBV2	885	803	0.01%	0.004%
22	5.422	649	652	653	rBV	1088	831	0.01%	0.004%
23	5.822	717	720	723	rBV3	1411	2023	0.03%	0.011%
24	6.246	788	792	795	rVB2	526	774	0.01%	0.004%
25	6.446	823	826	828	rVB2	856	854	0.01%	0.005%
26	6.505	833	836	838	rVB2	907	986	0.01%	0.005%
27	6.528	838	840	841	rBV2	989	755	0.01%	0.004%
28	6.599	845	852	854	rBV2	736	1278	0.02%	0.007%
29	6.811	884	888	891	rVB3	1378	1839	0.03%	0.010%
30	6.846	891	894	897	rBV2	548	743	0.01%	0.004%
31	6.987	910	918	927	rBV3	22883	66875	0.98%	0.357%
32	7.205	952	955	958	rBV2	752	1069	0.02%	0.006%
33	7.593	1006	1021	1032	rBV3	113256	351596	5.18%	1.878%
34	7.699	1038	1039	1042	rVB2	946	834	0.01%	0.004%
35	7.787	1051	1054	1056	rBV	1008	881	0.01%	0.005%
36	7.846	1062	1064	1067	rVV	681	769	0.01%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	8.205	1115	1125	1141	rVB2	251758	780498	11.49%	4.168%
38	8.634	1191	1198	1202	rBV5	3345	5007	0.07%	0.027%
39	8.775	1211	1222	1231	rBV	264397	533321	7.85%	2.848%
40	9.010	1248	1262	1274	rBV	192490	430770	6.34%	2.301%
41	9.210	1288	1296	1303	rBV	182795	386243	5.69%	2.063%
42	9.322	1313	1315	1322	rVB5	3704	6653	0.10%	0.036%
43	9.405	1328	1329	1332	rBV2	767	795	0.01%	0.004%
44	9.516	1346	1348	1353	rVB4	1666	2084	0.03%	0.011%
45	9.599	1358	1362	1367	rVV3	3993	5842	0.09%	0.031%
46	9.669	1371	1374	1375	rBV2	724	752	0.01%	0.004%
47	9.693	1376	1378	1384	rVB2	1125	1240	0.02%	0.007%
48	9.822	1397	1400	1401	rBV2	1134	1055	0.02%	0.006%
49	9.852	1401	1405	1409	rVB3	3838	6162	0.09%	0.033%
50	9.910	1409	1415	1420	rBV4	27494	58112	0.86%	0.310%
51	9.981	1422	1427	1433	rVV	87854	163425	2.41%	0.873%
52	10.046	1434	1438	1449	rVB2	31953	66001	0.97%	0.352%
53	10.157	1453	1457	1461	rBV4	3304	4992	0.07%	0.027%
54	10.193	1461	1463	1464	rBV2	1210	768	0.01%	0.004%
55	10.269	1468	1476	1486	rBV	387374	730295	10.75%	3.900%
56	10.457	1499	1508	1514	rBV2	72910	128196	1.89%	0.685%
57	10.528	1514	1520	1529	rVB	64195	117559	1.73%	0.628%
58	10.610	1529	1534	1539	rBV4	15810	27370	0.40%	0.146%
59	10.710	1546	1551	1556	rBV4	20921	33541	0.49%	0.179%
60	10.799	1562	1566	1572	rVB2	10653	15529	0.23%	0.083%
61	10.881	1573	1580	1591	rBV2	99580	190825	2.81%	1.019%
62	10.993	1594	1599	1603	rBV2	17801	32010	0.47%	0.171%
63	11.063	1606	1611	1615	rBV4	23498	42270	0.62%	0.226%
64	11.181	1628	1631	1636	rVB5	13037	19863	0.29%	0.106%
65	11.299	1645	1651	1654	rBV3	13873	24934	0.37%	0.133%
66	11.369	1659	1663	1675	rVB5	81437	180754	2.66%	0.965%
67	11.469	1675	1680	1690	rVB2	56763	95270	1.40%	0.509%
68	11.581	1691	1699	1709	rBV	443652	771157	11.35%	4.118%
69	11.681	1709	1716	1726	rBV	738048	1241876	18.28%	6.632%
70	11.787	1726	1734	1745	rBV	3631205	6793145	100.00%	36.279%
71	12.122	1779	1791	1802	rBV	1647099	2732913	40.23%	14.595%
72	12.251	1811	1813	1817	rBV4	4061	5876	0.09%	0.031%
73	12.422	1837	1842	1847	rVB2	17849	27634	0.41%	0.148%
74	12.575	1865	1868	1872	rVB4	3640	4554	0.07%	0.024%
75	12.610	1872	1874	1875	rBV	2176	1112	0.02%	0.006%
76	12.646	1878	1880	1883	rBV4	3453	4559	0.07%	0.024%

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Integration Parameters: LSCINT.P

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Sampling : 1

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Peak Location: TOP

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 Title : SFAM01.0

77	12.687	1884	1887	1894	rVB	19004	30863	0.45%	0.165%
78	12.757	1896	1899	1904	rVB	13872	20745	0.31%	0.111%
79	12.828	1906	1911	1914	rBV	39970	62654	0.92%	0.335%
80	12.904	1919	1924	1930	rVB2	23218	38746	0.57%	0.207%
81	13.063	1946	1951	1957	rVB2	14550	24476	0.36%	0.131%
82	13.169	1967	1969	1970	rBV	2639	1798	0.03%	0.010%
83	13.210	1971	1976	1981	rVB	57954	88197	1.30%	0.471%
84	13.375	2003	2004	2006	rBV	1471	1011	0.01%	0.005%
85	13.398	2006	2008	2010	rVB2	1590	1142	0.02%	0.006%
86	13.451	2015	2017	2018	rBV	1390	1053	0.02%	0.006%
87	13.516	2021	2028	2038	rBV	472831	766704	11.29%	4.095%
88	13.816	2072	2079	2087	rVB	309295	529537	7.80%	2.828%
89	13.898	2090	2093	2098	rVB2	7339	11274	0.17%	0.060%
90	14.051	2116	2119	2124	rVB7	5221	7855	0.12%	0.042%
91	14.216	2145	2147	2148	rBV2	2579	1951	0.03%	0.010%
92	14.293	2158	2160	2162	rBV2	2006	1549	0.02%	0.008%
93	14.363	2170	2172	2174	rBV	1575	1707	0.03%	0.009%
94	14.692	2227	2228	2229	rBV	2094	1272	0.02%	0.007%
95	14.928	2263	2268	2273	rVB4	5080	8086	0.12%	0.043%
96	15.334	2327	2337	2345	rBV	123487	224257	3.30%	1.198%
97	15.528	2368	2370	2379	rVB5	7761	9549	0.14%	0.051%
98	15.875	2427	2429	2430	rBV	2790	1630	0.02%	0.009%
99	16.357	2510	2511	2512	rBV	2002	1217	0.02%	0.006%
100	16.398	2513	2518	2525	rVV2	13311	27405	0.40%	0.146%

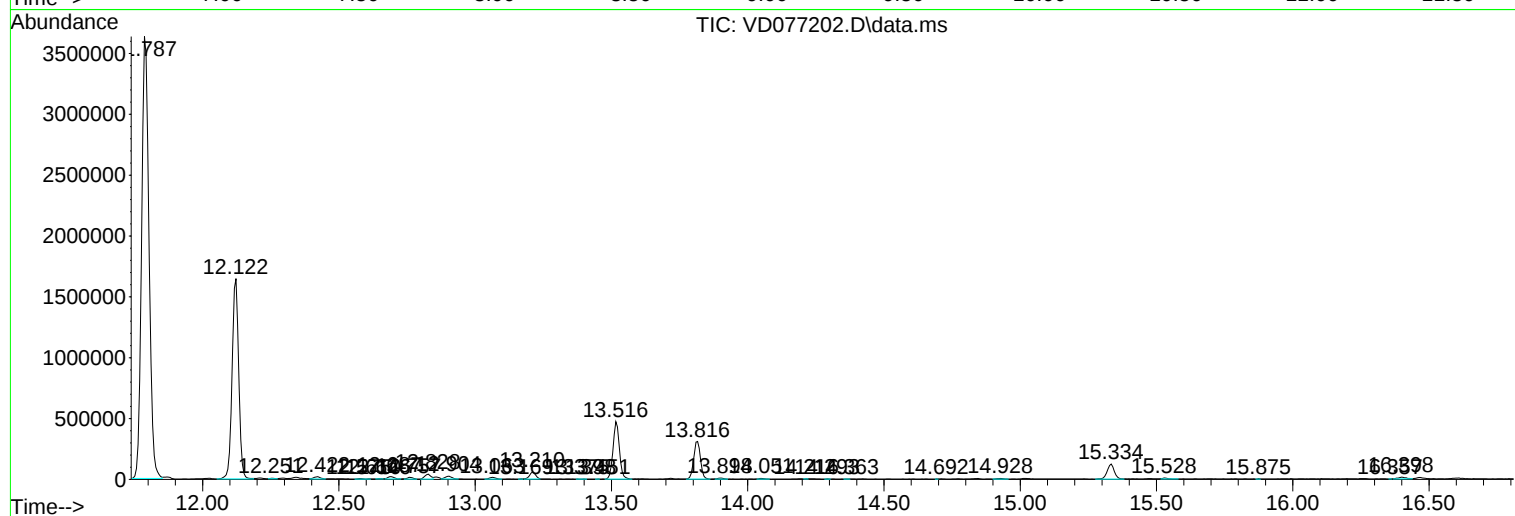
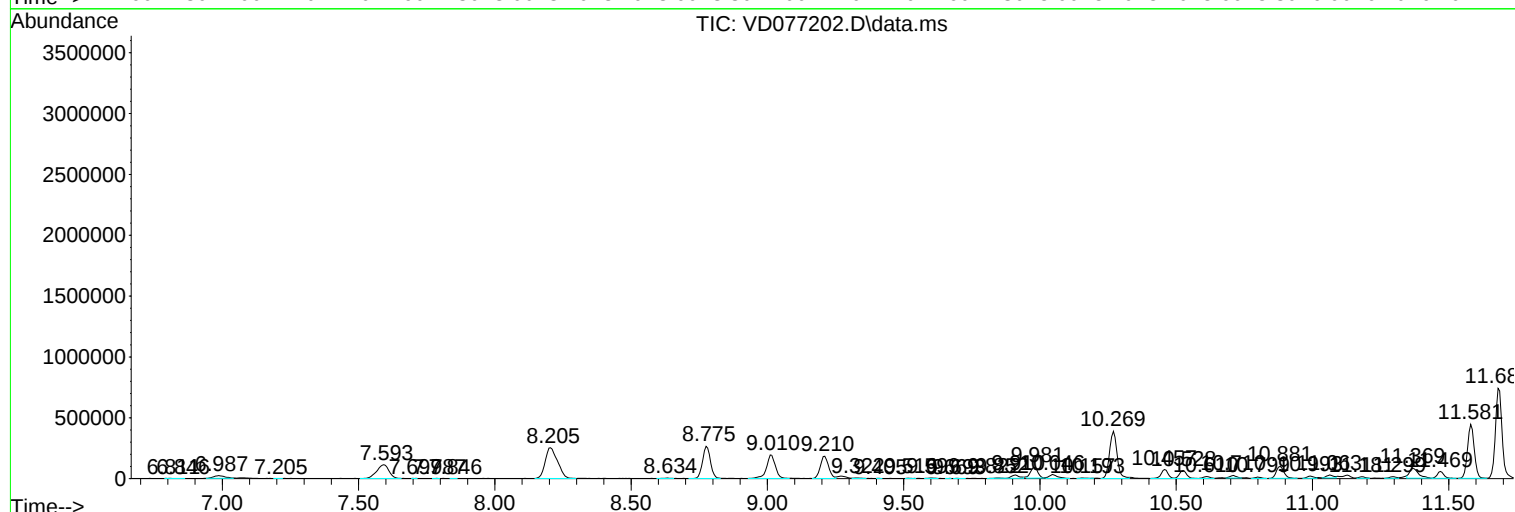
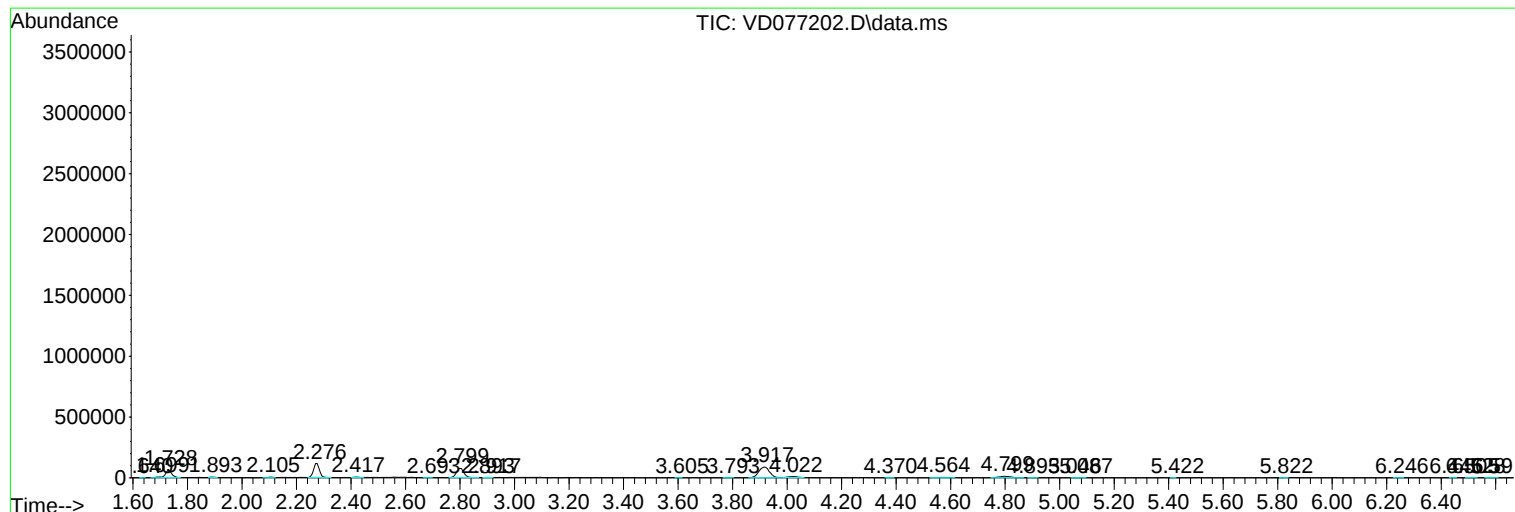
Sum of corrected areas: 18724608

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Instrument :
MSVOA_D
ClientSampleId :
EZY8

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

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



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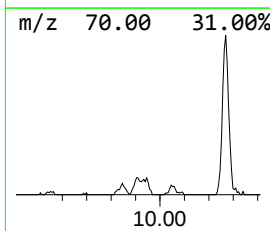
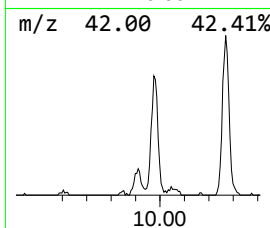
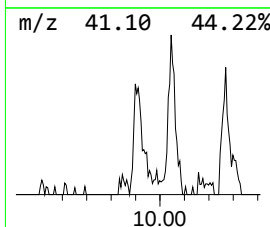
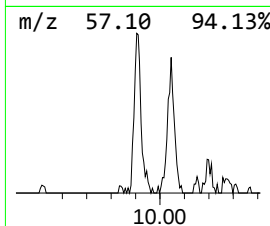
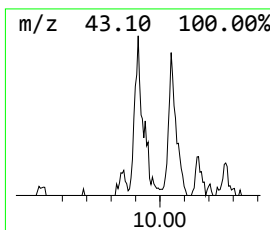
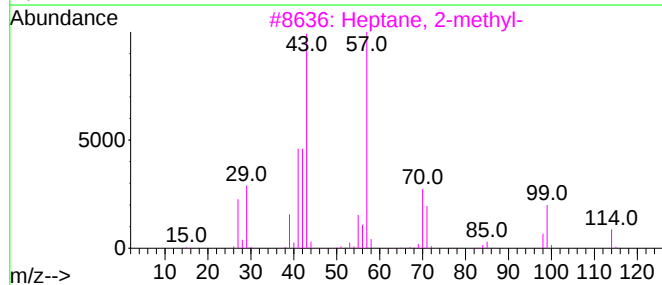
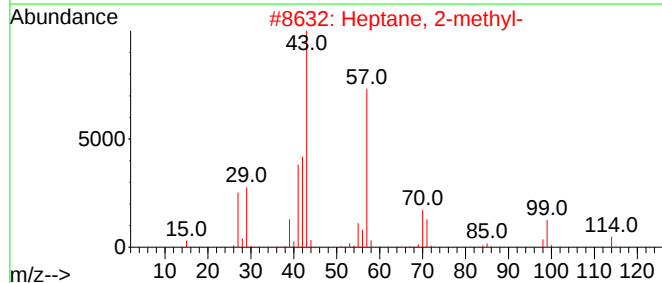
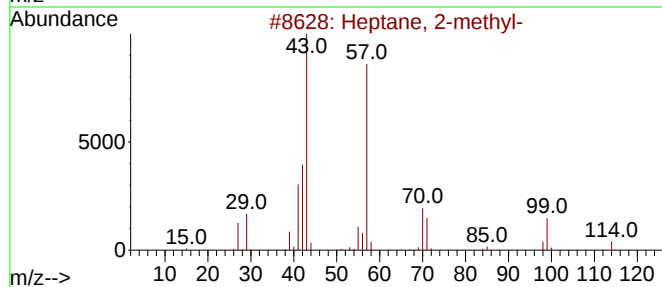
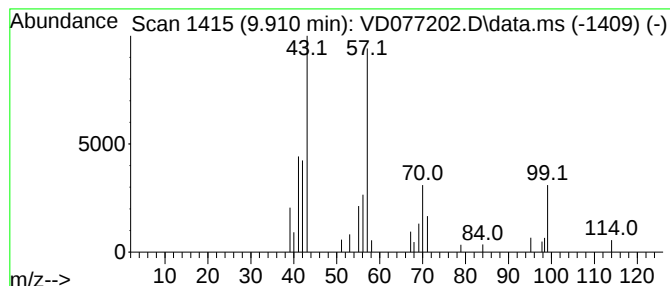
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	2.72 ug/L	58112	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	59
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	52
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	50
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
5			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49



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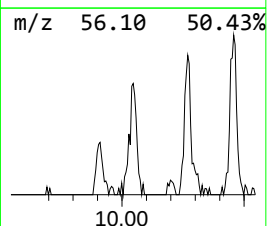
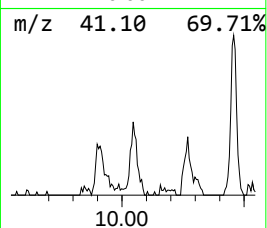
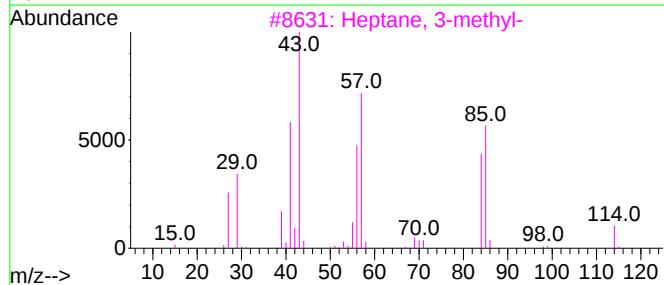
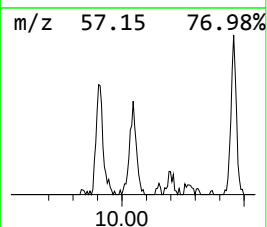
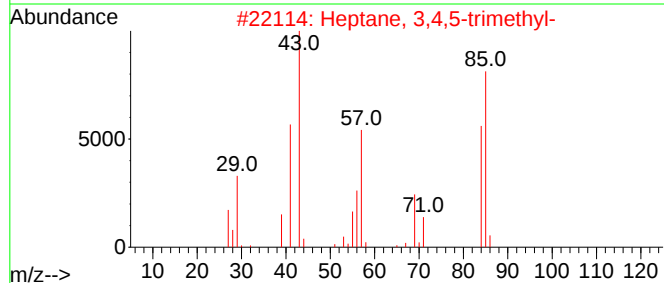
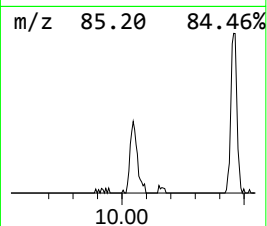
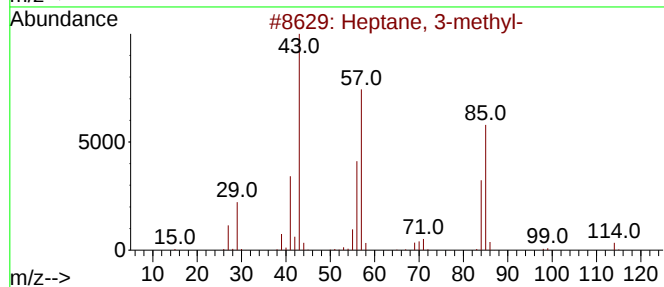
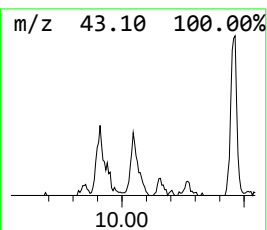
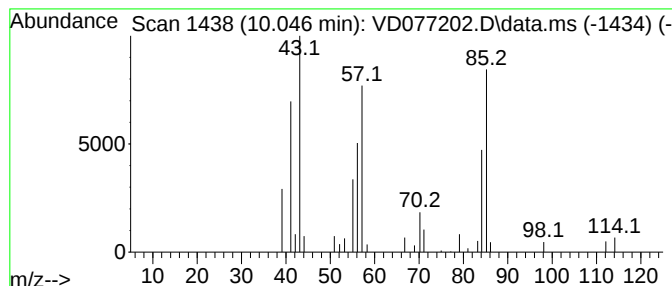
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.046	3.09 ug/L	66001	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
3			Heptane, 3-methyl-	114	C8H18	000589-81-1	58
4			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	53
5			Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53



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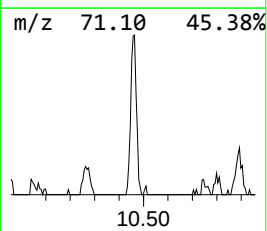
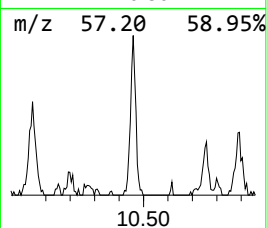
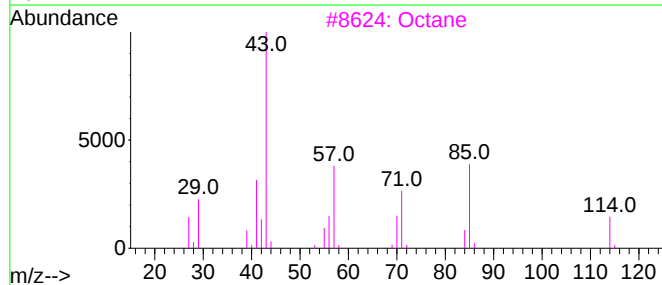
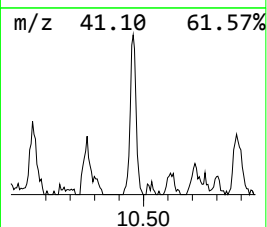
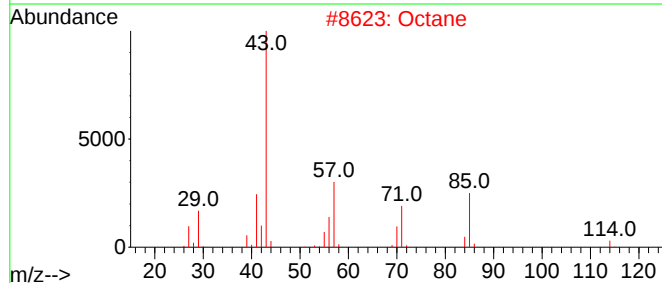
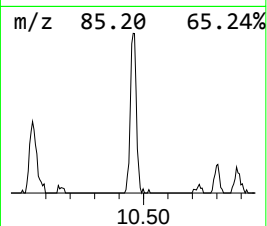
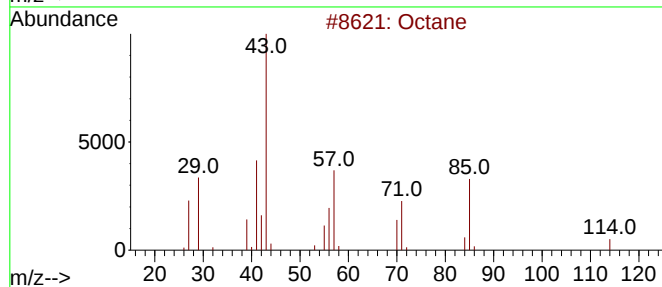
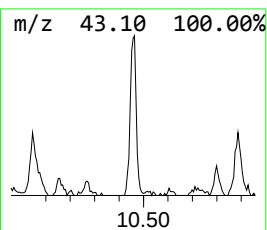
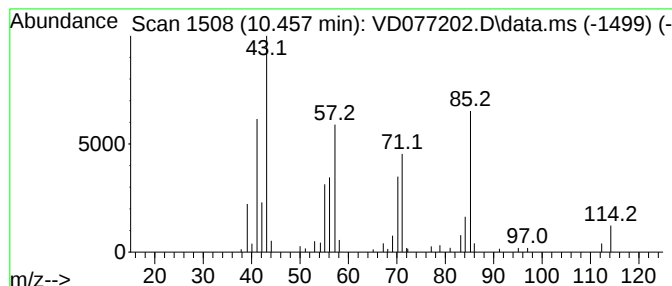
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	4.16 ug/L	128196	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Octane			114	C8H18	000111-65-9	90
3	Octane			114	C8H18	000111-65-9	86
4	Octane			114	C8H18	000111-65-9	83
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZY8

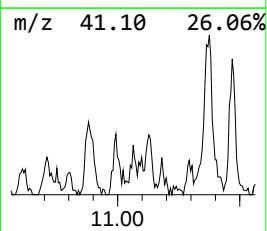
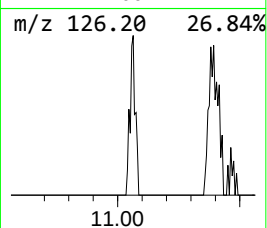
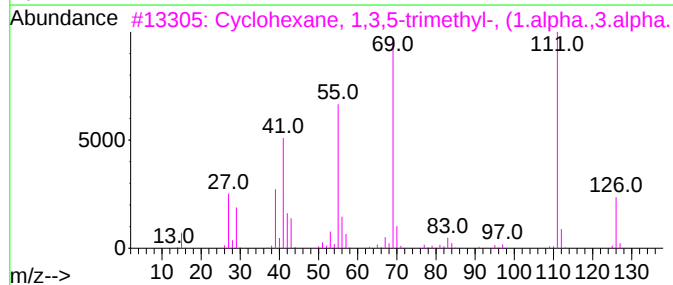
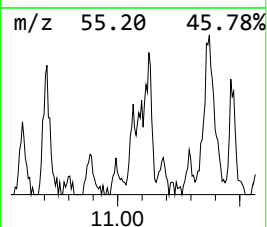
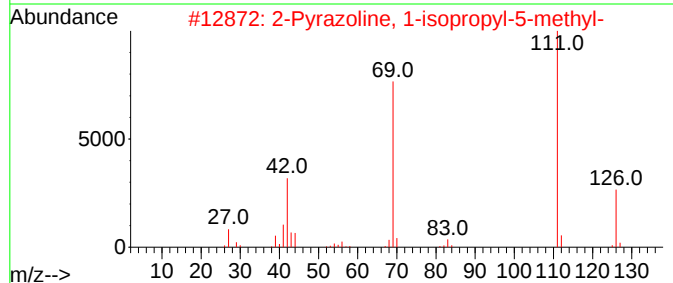
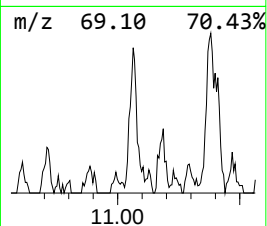
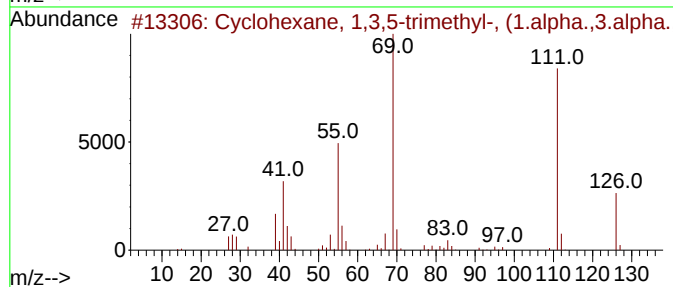
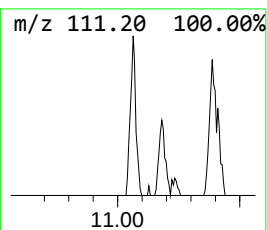
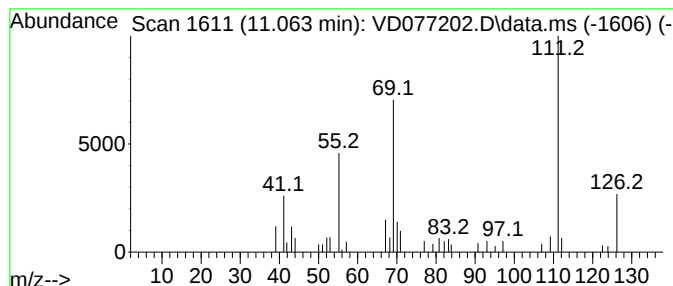
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.063 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	1.37 ug/L	42270	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
2			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	64
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZY8

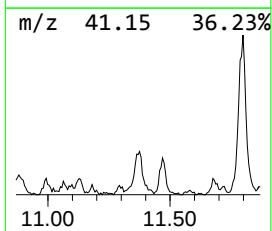
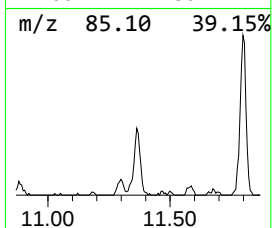
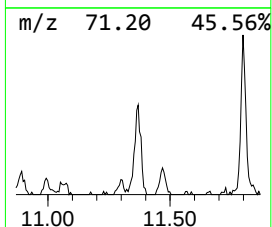
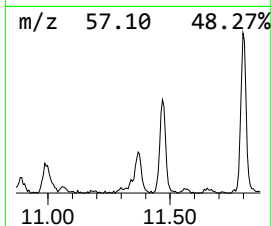
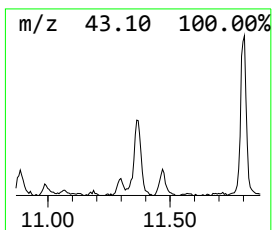
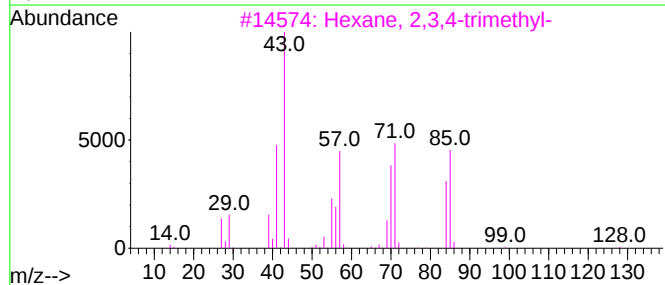
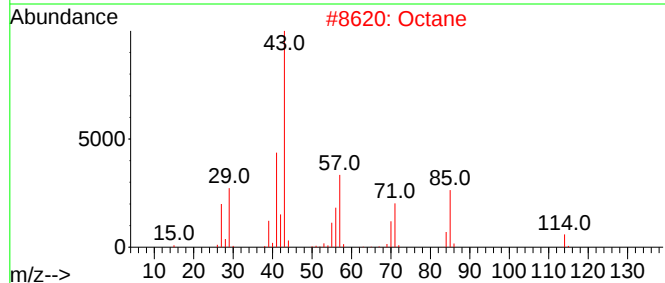
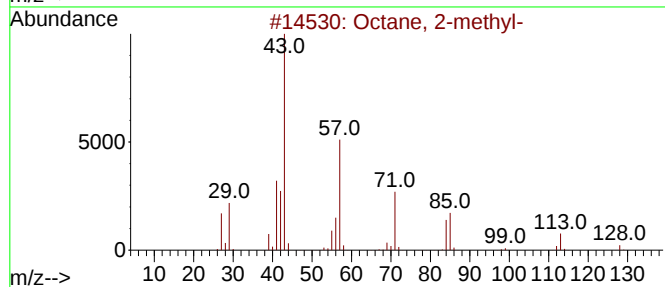
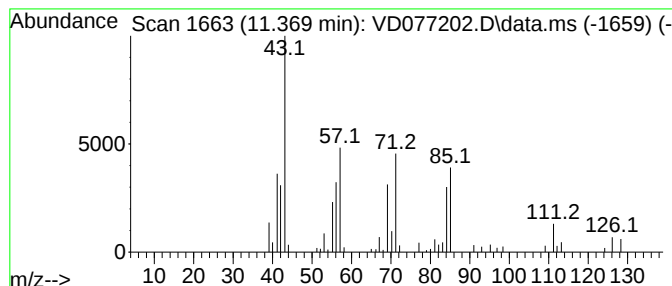
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.369	5.86 ug/L	180754	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	53
2	Octane			114	C8H18	000111-65-9	53
3	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	53
4	Heptane, 2,3-dimethyl-			128	C9H20	003074-71-3	50
5	Dodecane, 5-methyl-			184	C13H28	017453-93-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZY8

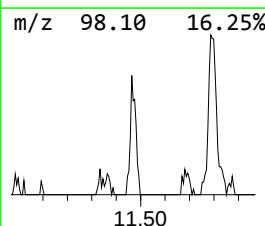
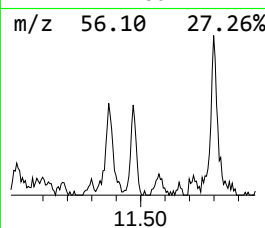
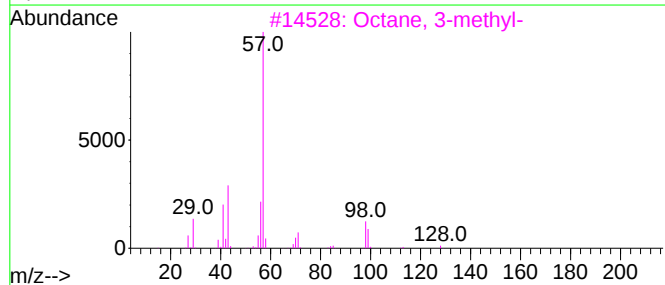
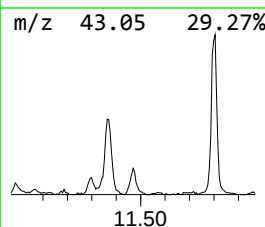
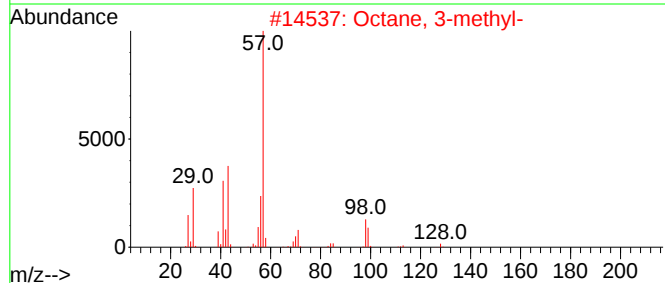
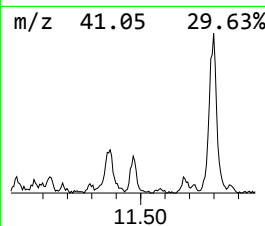
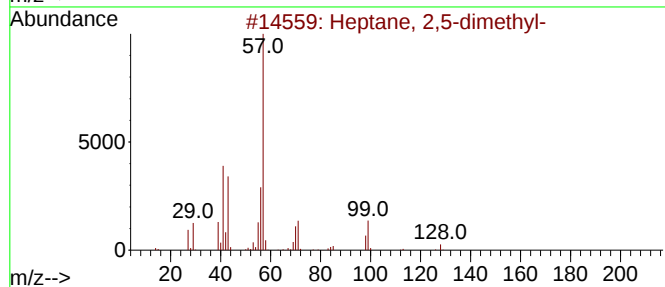
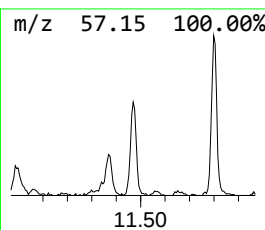
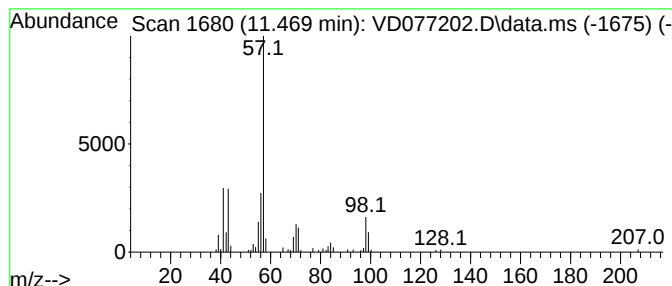
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	3.09 ug/L	95270	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Octane, 3-methyl-	128	C9H20	002216-33-3	86
3			Octane, 3-methyl-	128	C9H20	002216-33-3	83
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	74
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZY8

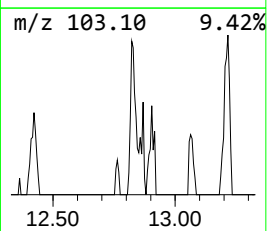
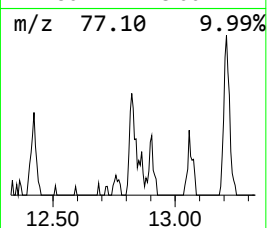
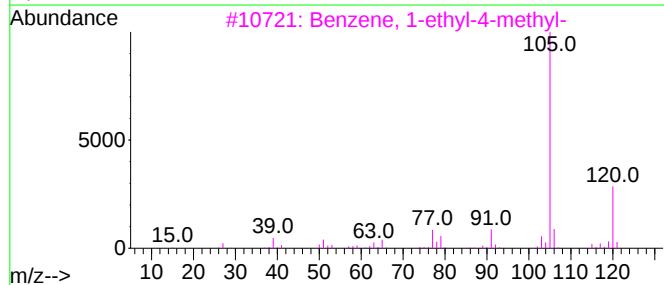
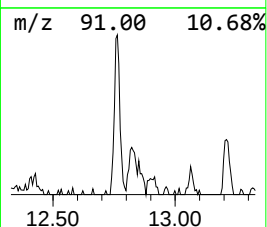
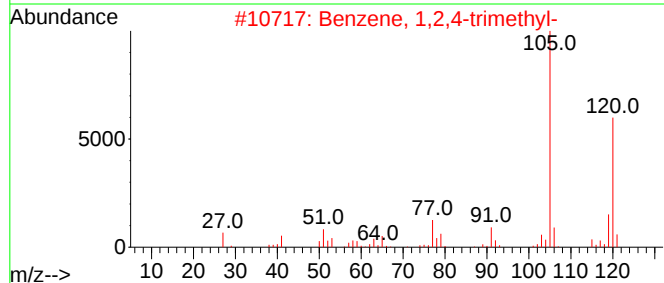
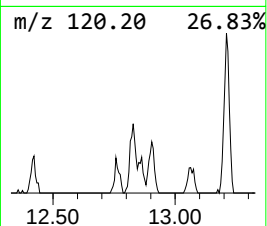
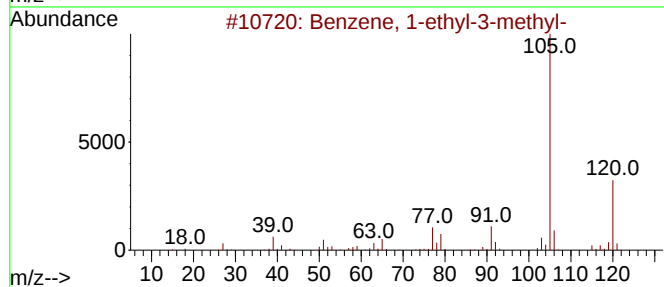
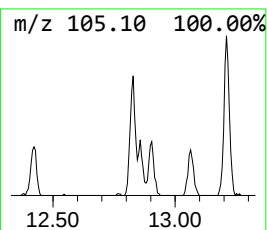
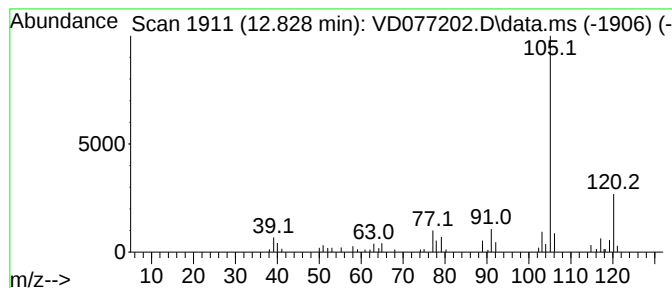
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	2.04 ug/L	62654	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZY8

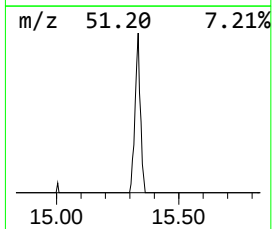
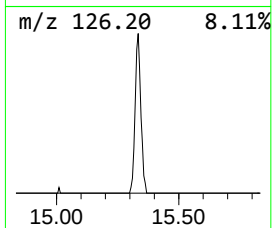
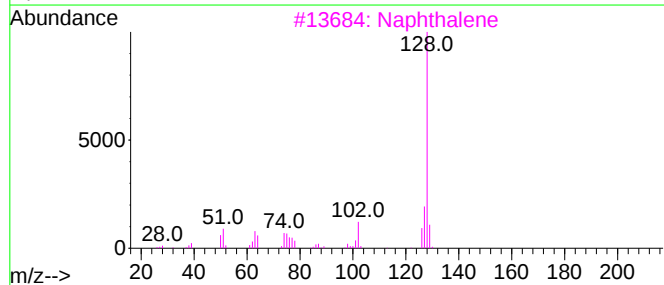
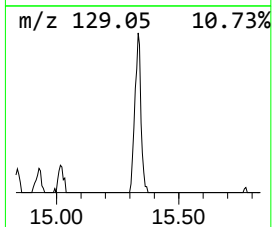
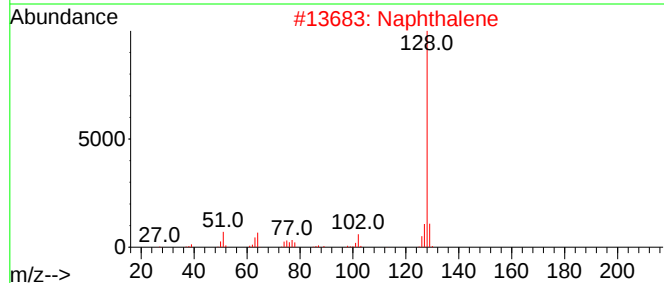
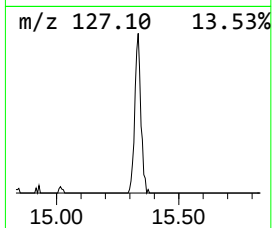
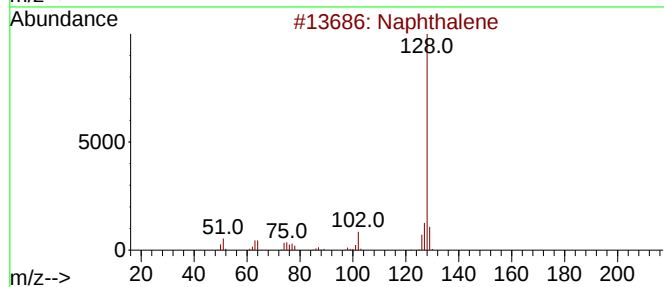
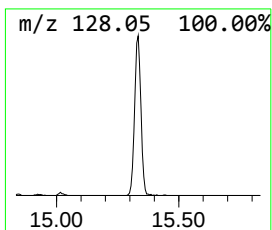
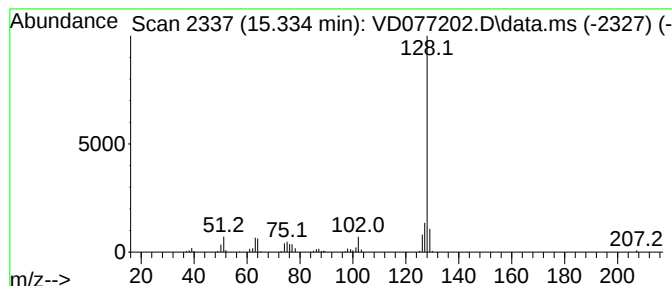
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Quant Title : SFAM01.0

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

Peak Number 10 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	7.31 ug/L	224257	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077202.D
 Acq On : 22 Sep 2023 16:31
 Operator : JC/SY
 Sample : 04527-11
 Misc : 5.42G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYY8

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

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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(DEL) Alkane: S...	10.046	3.1	ug/L	66001	1	8.775	533321	25.0
(DEL) Alkane: S...	10.457	4.2	ug/L	128196	2	11.581	771157	25.0
(DEL) Alkane: C...	11.063	1.4	ug/L	42270	2	11.581	771157	25.0
(DEL) Alkane: S...	11.369	5.9	ug/L	180754	2	11.581	771157	25.0
(DEL) Alkane: S...	11.469	3.1	ug/L	95270	2	11.581	771157	25.0
Benzene, 1-ethy...	12.828	2.0	ug/L	62654	3	13.516	766704	25.0
Azulene	15.334	7.3	ug/L	224257	3	13.516	766704	25.0