LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

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\SFAMWLM121523SMA.M
Title : SFAM01.0

Signal : TIC: VW027732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	93	rBV	115358	273182	1.87%	0.648%
2	2.899	158	166	186	rBV	88752	249024	1.71%	0.591%
3	3.387	242	246	252	rVB4	529	1059	0.01%	0.003%
4	4.015	338	349	369	rBV	212124	598124	4.10%	1.419%
5	4.210	379	381	385	rVB3	665	748	0.01%	0.002%
6	4.490	423	427	430	rBV3	406	609	0.00%	0.001%
7	4.917	485	497	513	rVB3	15628	51086	0.35%	0.121%
8	5.941	657	665	674	rVB5	3899	11137	0.08%	0.026%
9	6.978	832	835	844	rVB4	470	912	0.01%	0.002%
10	7.094	844	854	859	rBV	28563	82437	0.57%	0.196%
11	7.484	914	918	921	rVB3	319	485	0.00%	0.001%
12	7.533	921	926	927	rBV3	356	548	0.00%	0.001%
13	7.557	927	930	933	rVB2	420	450	0.00%	0.001%
14	7.648	933	945	960	rBV	293547	715772	4.91%	1.698%
15	7.770	963	965	971	rVB4	708	1142	0.01%	0.003%
16	8.270	1037	1047	1066	rVV2	595597	1704037	11.69%	4.043%
17	8.581	1089	1098	1101	rBV6	1012	2716	0.02%	0.006%
18	8.691	1111	1116	1123	rVB5	2505	5026	0.03%	0.012%
19	8.837	1132	1140	1151	rBV	573125	1159864	7.96%	2.752%
20	9.075	1173	1179	1185	rBV4	1486	2497	0.02%	0.006%
21	9.270	1202	1211	1234	rBV	374554	778675	5.34%	1.847%
22	9.508	1247	1250	1255	rBV4	1019	1611	0.01%	0.004%
23	9.605	1262	1266	1269	rVB4	395	689	0.00%	0.002%
24	9.672	1274	1277	1280	rBV3	367	609	0.00%	0.001%
25	9.746	1286	1289	1295	rBV5	910	1856	0.01%	0.004%
26	9.892	1309	1313	1318	rVB5	1263	2165	0.01%	0.005%
27	9.959	1321	1324	1326	rBV3	719	877	0.01%	0.002%
28	10.032	1328	1336	1344	rBV	175196	313949	2.15%	0.745%
29	10.209	1360	1365	1369	rBV5	891	1815	0.01%	0.004%
30	10.319	1375	1383	1391	rBV	808052	1424284	9.77%	3.379%
31	10.386	1391	1394	1399	rVB	12370	19702	0.14%	0.047%
32	10.502	1407	1413	1419	rVB3	4743	9648	0.07%	0.023%
33	10.575	1419	1425	1435	rVB	93718	161781	1.11%	0.384%
34	10.697	1435	1445	1451	rBV2	16192	29468	0.20%	0.070%
35	10.752	1451	1454	1455	rBV3	427	463	0.00%	0.001%
36	10.861	1465	1472	1476	rBV5	2387	4324	0.03%	0.010%

LSC Area Percent Report

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Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

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\SFAMWLM121523SMA.M
Title : SFAM01.0

37	10.922	1476	1482	1495	rBV	122614	235351	1.61%	0.558%
38	11.062	1501	1505	1509	rVB3	1894	2803	0.02%	0.007%
39	11.172	1518	1523	1527	rBV4	2157	3916	0.03%	0.009%
40	11.227	1527	1532	1537	rVB6	1715	3675	0.03%	0.009%
41	11.276	1537	1540	1543	rBV2	339	452	0.00%	0.001%
42	11.337	1546	1550	1554	rBV2	743	1145	0.01%	0.003%
43	11.434	1562	1566	1574	rVB2	4170	6803	0.05%	0.016%
44	11.514	1574	1579	1584	rBV5	1222	2091	0.01%	0.005%
45	11.629	1590	1598	1608	rBV	666584	1117103	7.66%	2.650%
46	11.727	1608	1614	1622	rVV	59985	102109	0.70%	0.242%
47	11.831	1624	1631	1649	rVB	204397	366284	2.51%	0.869%
48	11.965	1650	1653	1658	rVB3	524	752	0.01%	0.002%
49	12.160	1674	1685	1693	rBV	150286	254807	1.75%	0.604%
50	12.245	1697	1699	1703	rVB2	1532	1767	0.01%	0.004%
51	12.294	1703	1707	1708	rBV3	537	579	0.00%	0.001%
52	12.361	1710	1718	1724	rVB8	4855	11962	0.08%	0.028%
53	12.465	1728	1735	1744	rBV	198648	334801	2.30%	0.794%
54	12.599	1750	1757	1763	rVB	21900	37628	0.26%	0.089%
55	12.690	1765	1772	1783	rBV	214245	392281	2.69%	0.931%
56	12.800	1785	1790	1794	rVB	15039	23018	0.16%	0.055%
57	12.861	1794	1800	1804	rBV	259757	427058	2.93%	1.013%
58	12.940	1808	1813	1821	rVB	502403	777733	5.34%	1.845%
59	13.026	1822	1827	1833	rVB4	11957	21150	0.15%	0.050%
60	13.099	1833	1839	1847	rBV	82755	147565	1.01%	0.350%
61	13.160	1847	1849	1851	rBV3	748	677	0.00%	0.002%
62	13.245	1855	1863	1869	rBV	887366	1343658	9.22%	3.188%
63	13.294	1869	1871	1876	rVB2	24832	31815	0.22%	0.075%
64	13.355	1876	1881	1888	rBV4	7691	18136	0.12%	0.043%
65	13.434	1888	1894	1897	rBV	71737	116704	0.80%	0.277%
66	13.489	1901	1903	1908	rVB	81172	113305	0.78%	0.269%
67	13.556	1908	1914	1916	rBV	428233	739368	5.07%	1.754%
68	13.714	1933	1940	1941	rBV2	58573	81495	0.56%	0.193%
69	13.751	1941	1946	1957	rVV2	671355	1502155	10.31%	3.564%
70	13.849	1957	1962	1969	rVB	365434	597451	4.10%	1.417%
71	13.934	1969	1976	1983	rVB	700594	1091594	7.49%	2.590%
72	14.007	1983	1988	1990	rBV	67256	110686	0.76%	0.263%
73	14.038	1990	1993	1997	rVV2	63468	91297	0.63%	0.217%
74	14.092	1997	2002	2007	rVB	164935	247418	1.70%	0.587%
75	14.153	2007	2012	2015	rBV	28601	48435	0.33%	0.115%
76	14.202	2015	2020	2025	rBV	192781	287180	1.97%	0.681%

LSC Area Percent Report

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Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

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\SFAMWLM121523SMA.M
Title : SFAM01.0

77	14.330	2034	2041	2045	rVB2	31795	56922	0.39%	0.135%
78	14.409	2045	2054	2057	rBV2	212155	482642	3.31%	1.145%
79	14.452	2057	2061	2064	rBV	171329	240720	1.65%	0.571%
80	14.635	2087	2091	2094	rBV2	10380	14233	0.10%	0.034%
81	14.684	2094	2099	2104	rBV	193882	309827	2.13%	0.735%
82	14.800	2110	2118	2124	rBV2	360904	737654	5.06%	1.750%
83	14.867	2124	2129	2136	rVB2	156856	255074	1.75%	0.605%
84	14.946	2136	2142	2150	rBV	248977	415893	2.85%	0.987%
85	15.056	2150	2160	2165	rBV2	69318	169977	1.17%	0.403%
86	15.165	2171	2178	2190	rVB4	59713	161970	1.11%	0.384%
87	15.275	2190	2196	2199	rBV	70088	128660	0.88%	0.305%
88	15.360	2203	2210	2218	rVV	7950451	14575498	100.00%	34.579%
89	15.458	2218	2226	2232	rVV	262082	558010	3.83%	1.324%
90	15.519	2233	2236	2241	rVB	30390	48100	0.33%	0.114%
91	15.647	2250	2257	2263	rBV	38892	75776	0.52%	0.180%
92	15.726	2265	2270	2276	rVV5	8624	21051	0.14%	0.050%
93	15.824	2282	2286	2295	rVB5	17227	47740	0.33%	0.113%
94	15.958	2301	2308	2314	rBV8	13273	44670	0.31%	0.106%
95	16.159	2336	2341	2351	rBV5	5653	15800	0.11%	0.037%
96	16.257	2352	2357	2364	rVB6	7155	18088	0.12%	0.043%
97	16.372	2365	2376	2378	rVV2	35246	88199	0.61%	0.209%
98	16.433	2378	2386	2399	rVV	1556226	3368296	23.11%	7.991%
99	16.561	2399	2407	2411	rVV3	18838	47509	0.33%	0.113%
100	16.635	2411	2419	2430	rVB	913470	1962501	13.46%	4.656%

Sum of corrected areas: 42151788

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
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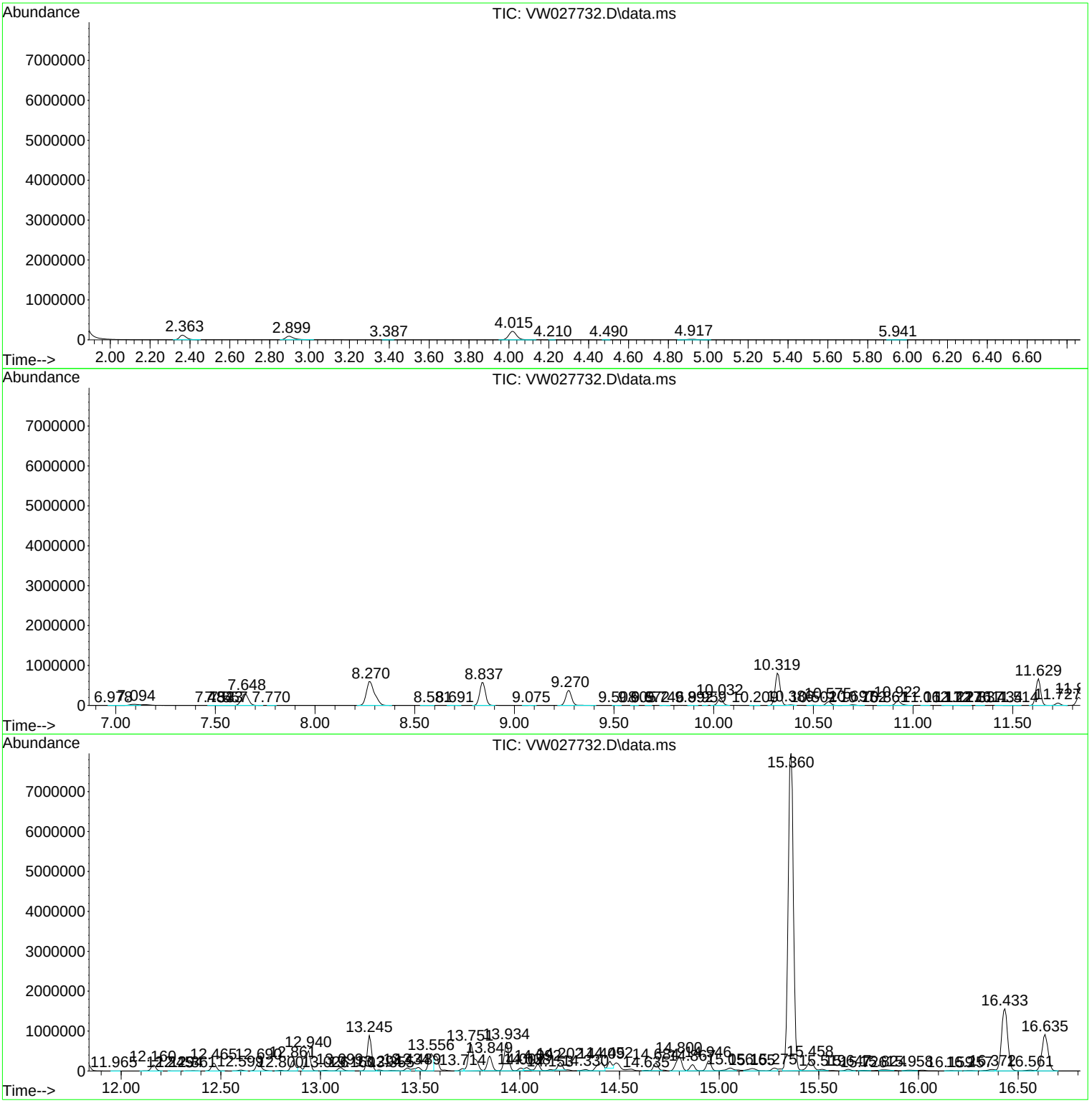
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
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Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

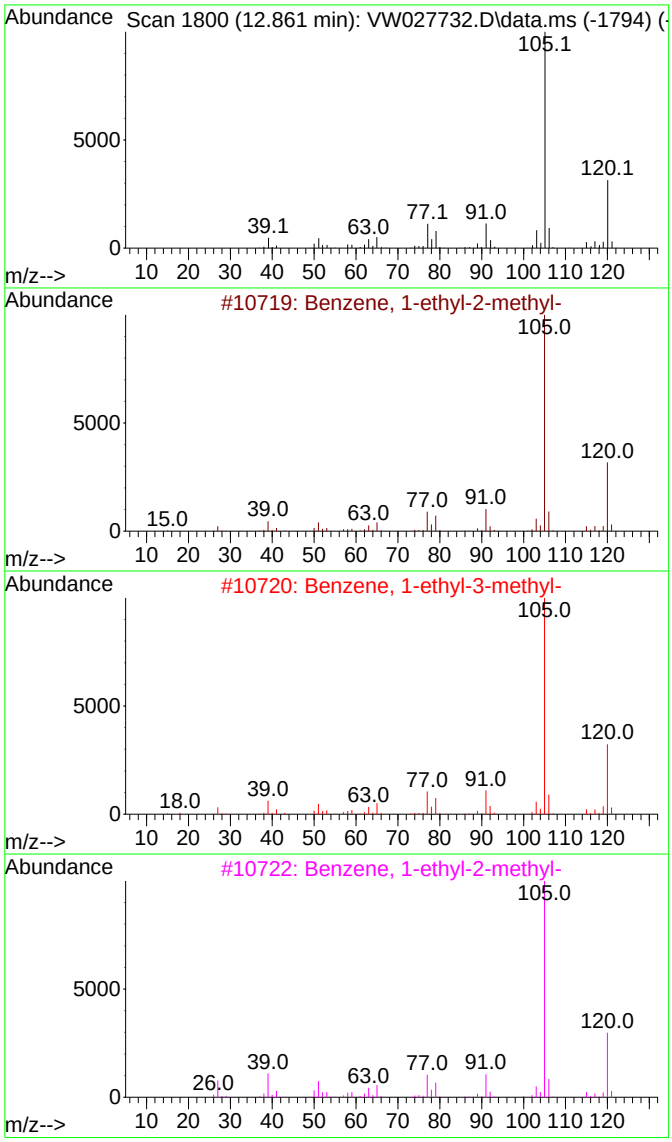
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

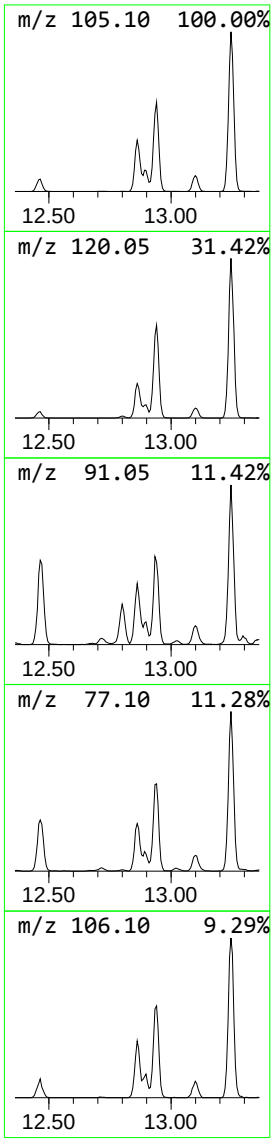
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	14.44 ug/L	427058	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

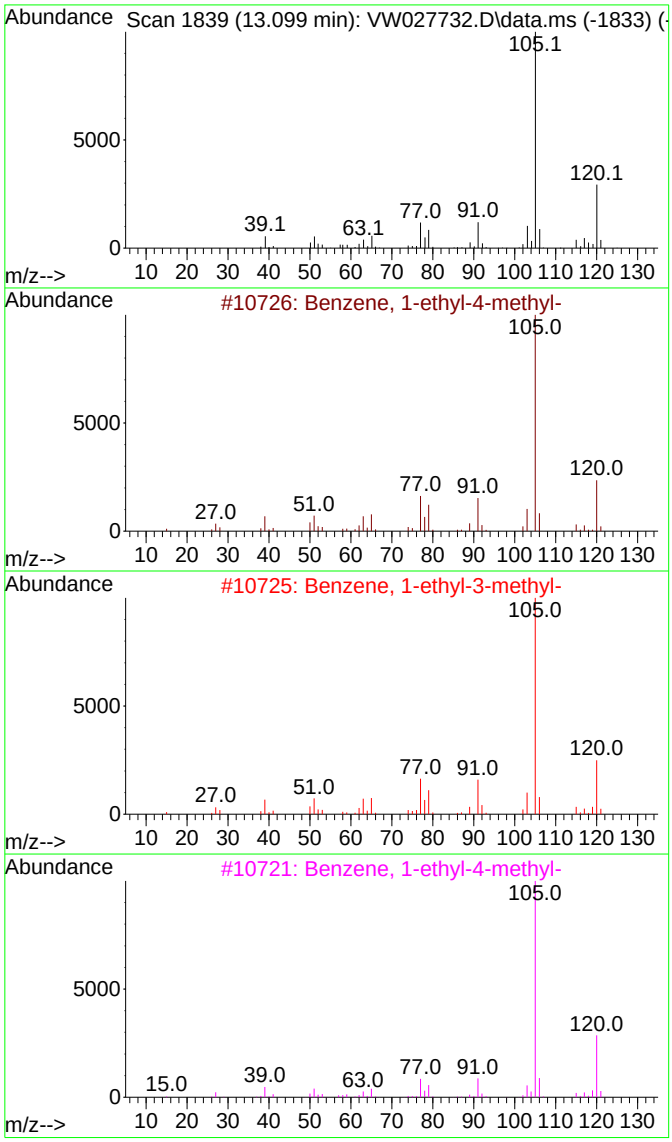
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

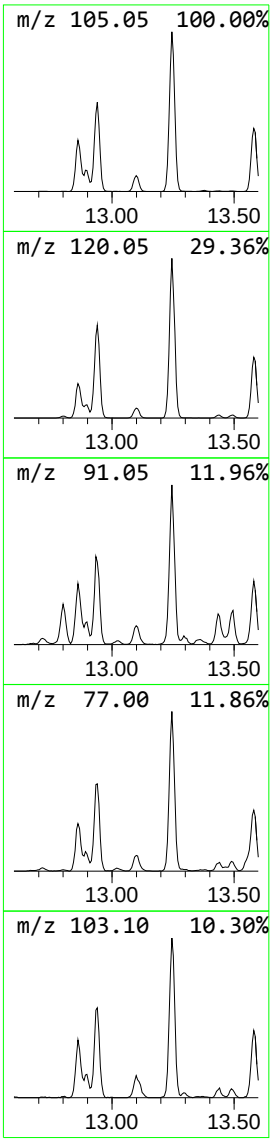
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	4.99 ug/L	147565	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
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Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

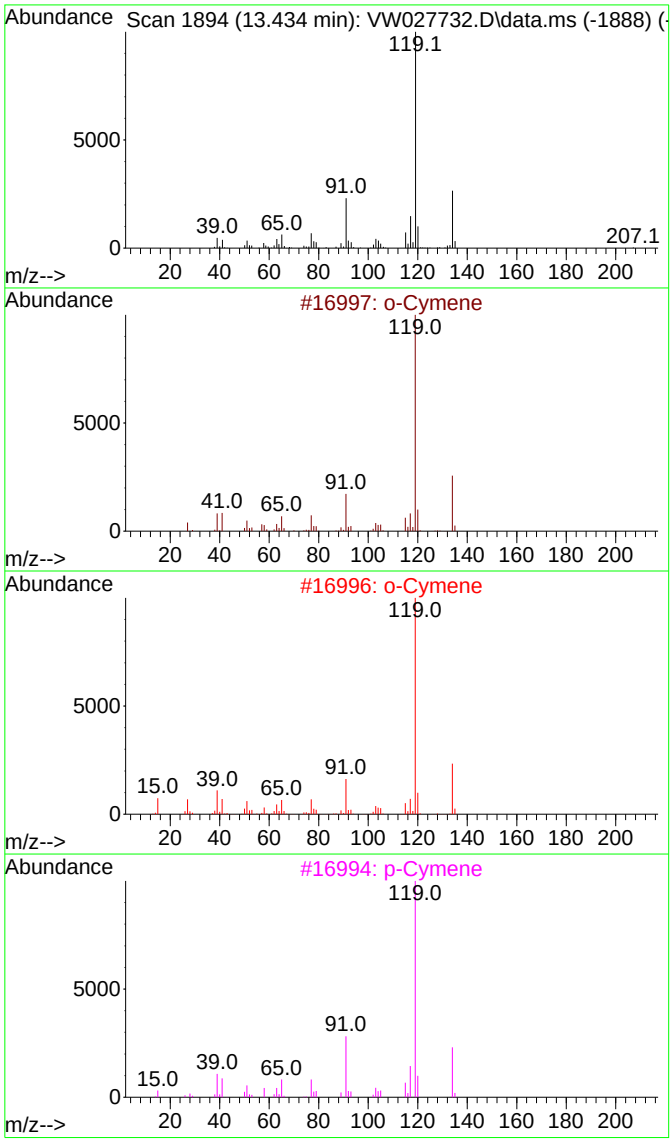
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

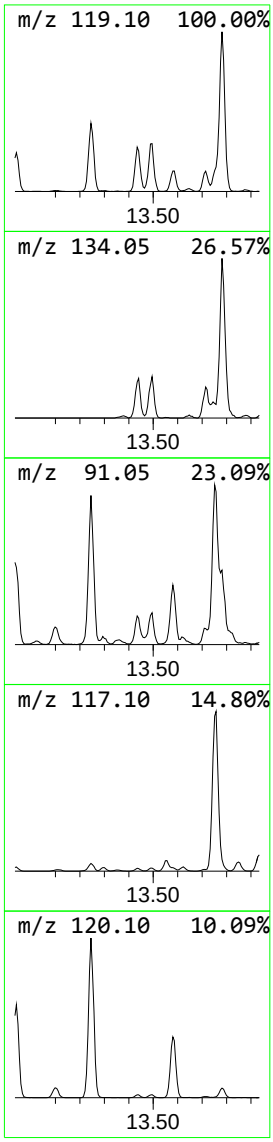
****

Peak Number 5 o-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	3.95 ug/L	116704	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
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Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

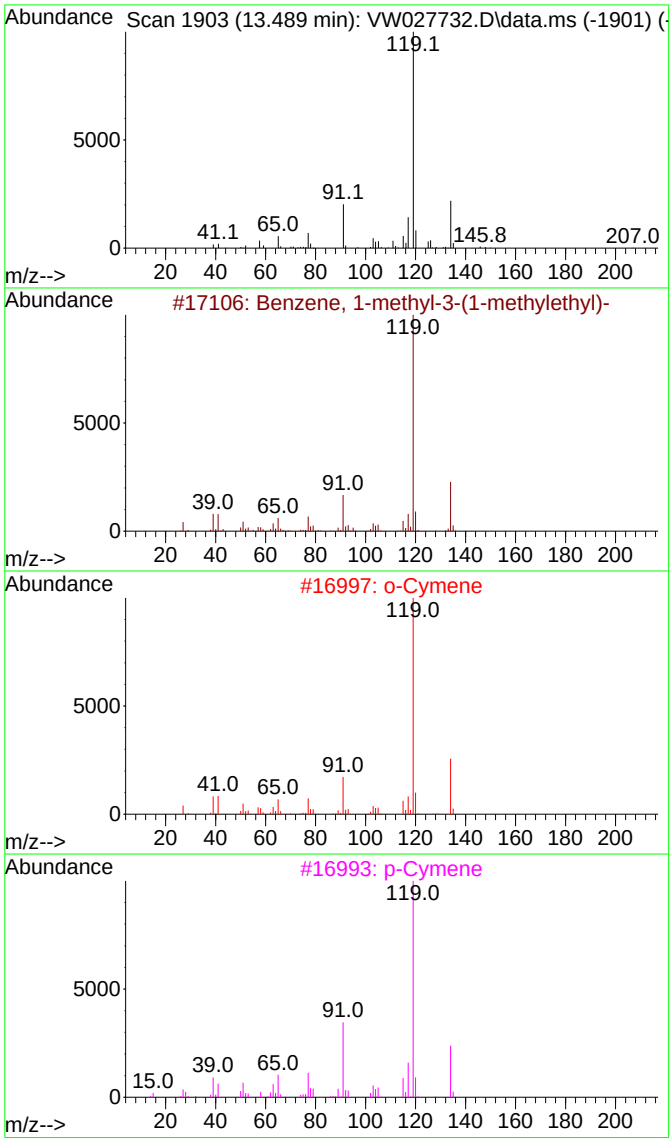
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

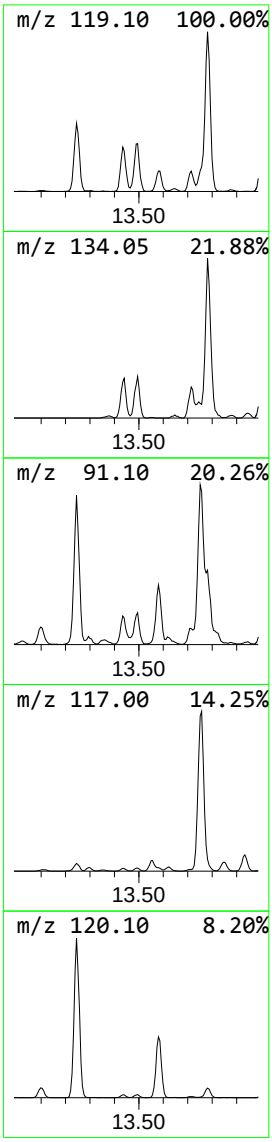
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	3.83 ug/L	113305	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	p-Cymene	134	C10H14	000099-87-6	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	p-Cymene	134	C10H14	000099-87-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

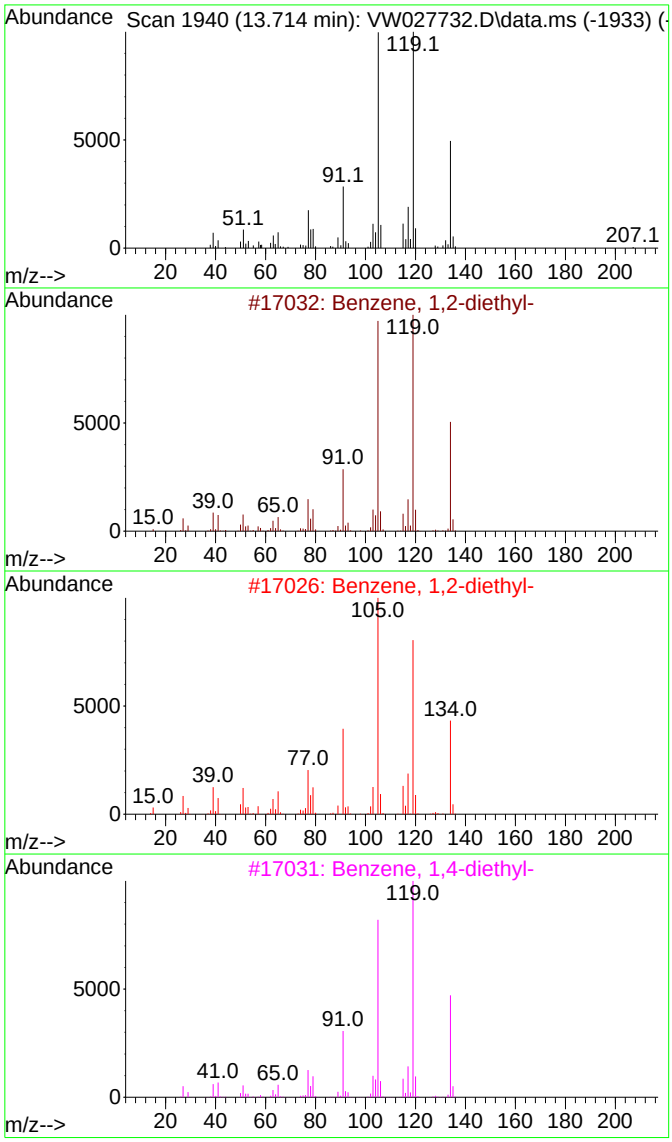
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

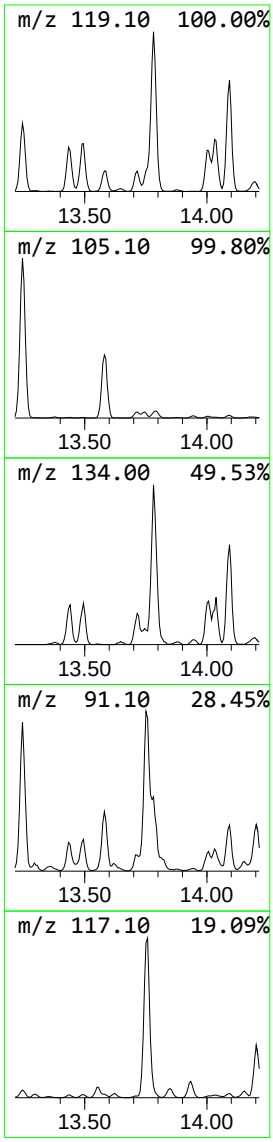
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	2.76 ug/L	81495	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

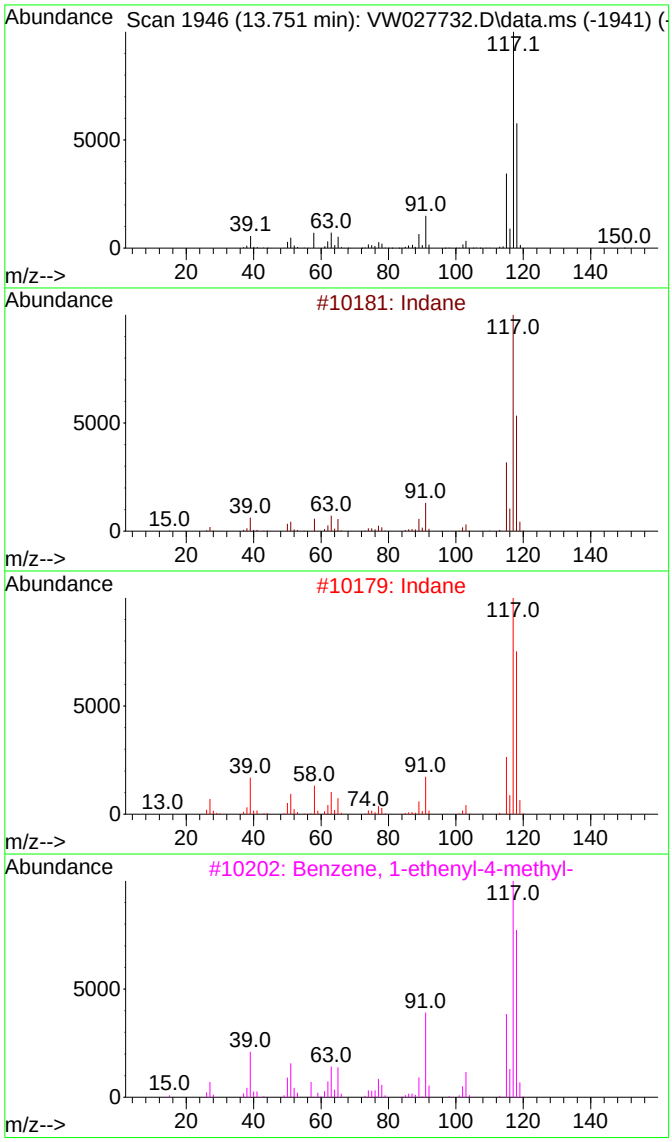
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

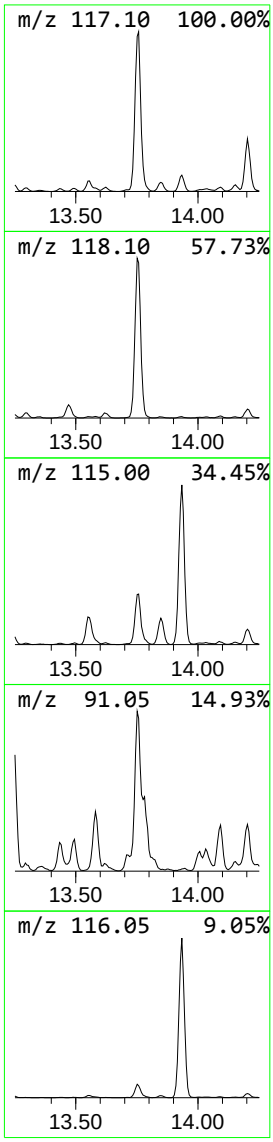
****

Peak Number 8 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	50.79 ug/L	1502160	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

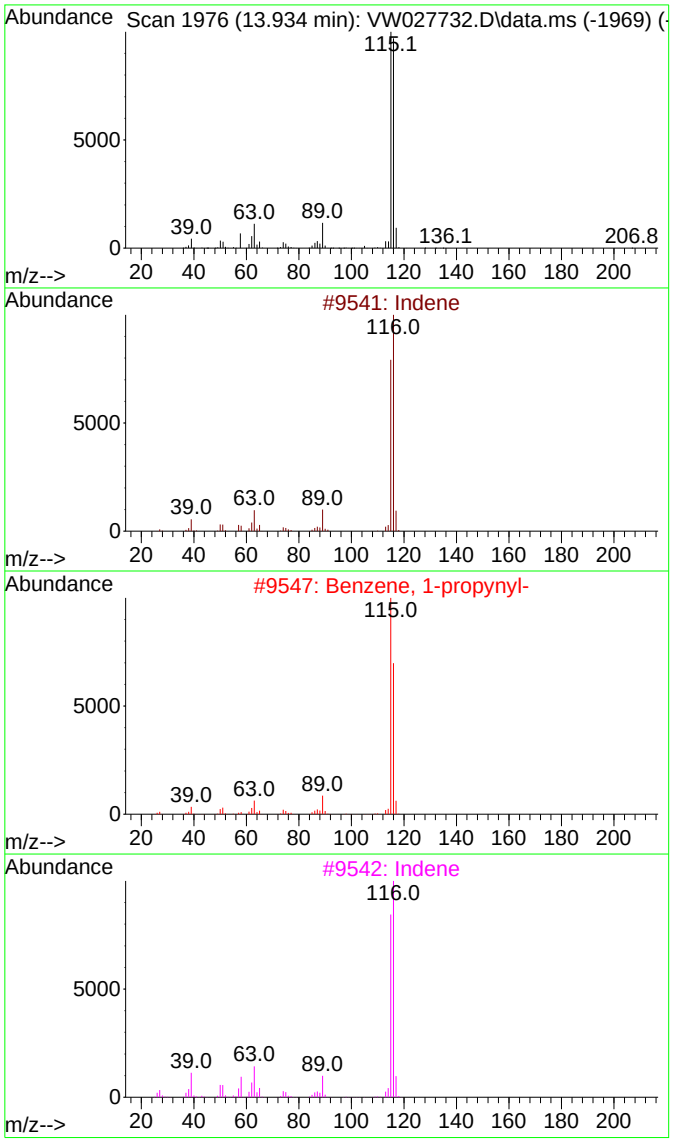
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

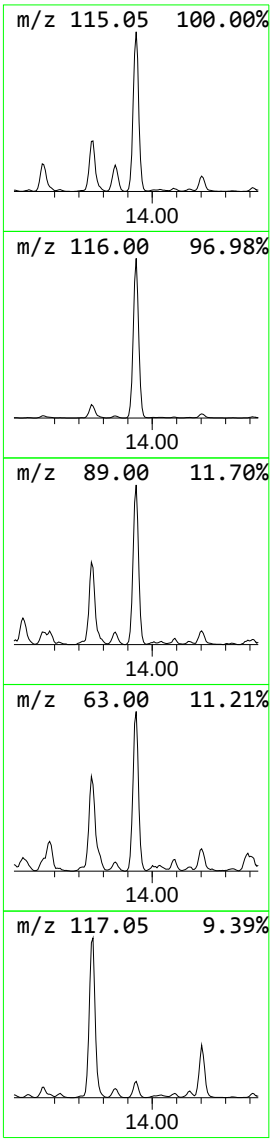
****

Peak Number 9 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	36.91 ug/L	1091590	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

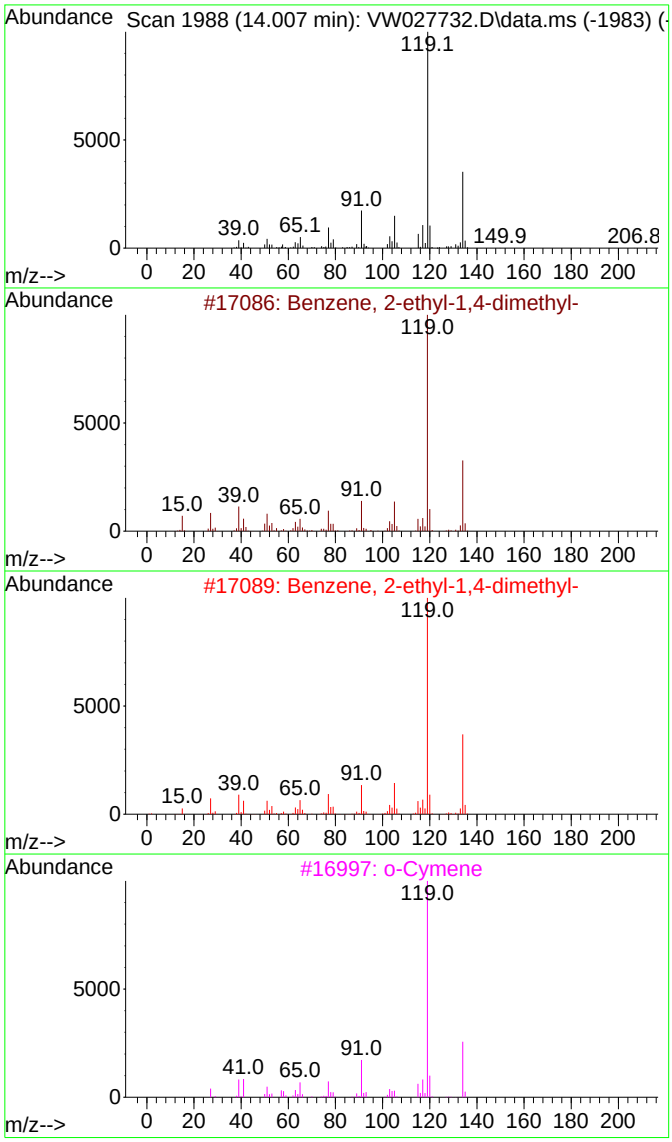
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

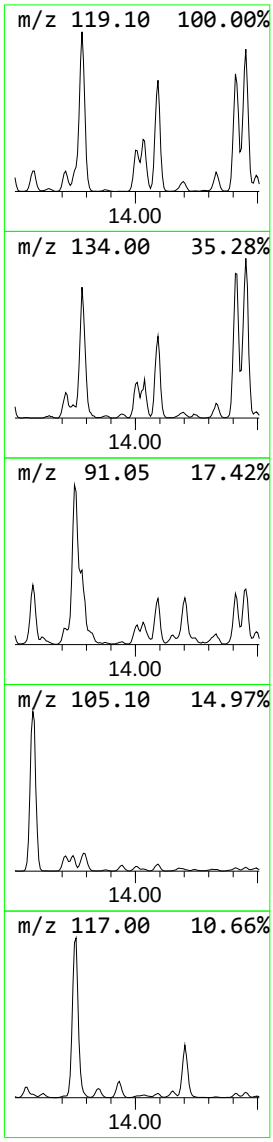
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	3.74 ug/L	110686	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

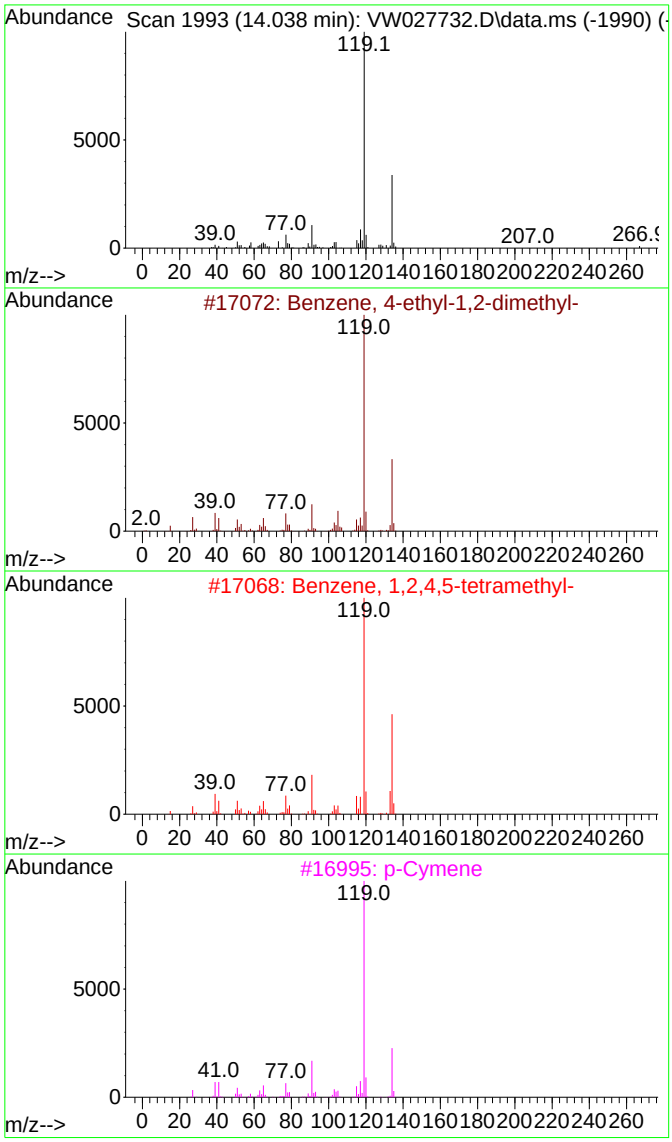
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

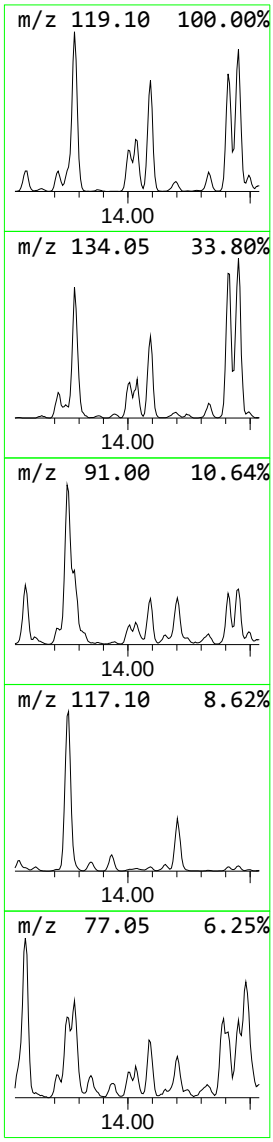
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.038	3.09 ug/L	91297	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
3	p-Cymene	134	C10H14	000099-87-6	80
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

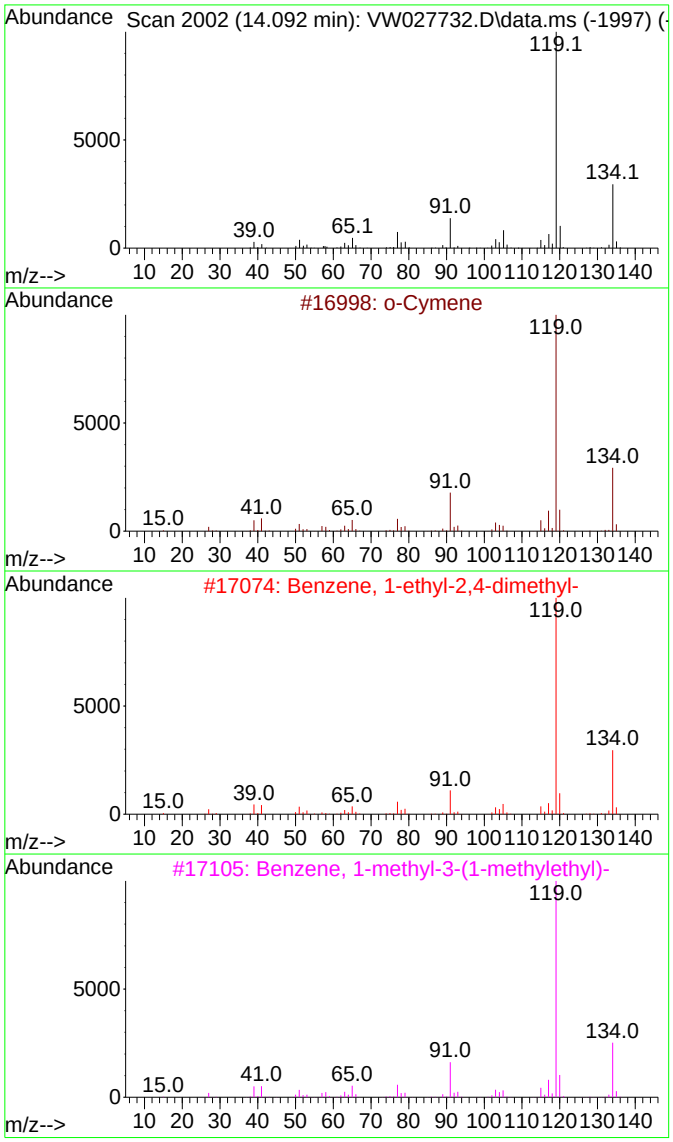
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

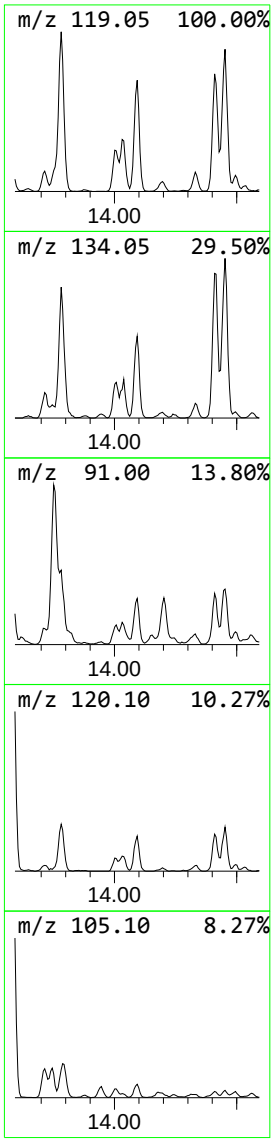
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	8.37 ug/L	247418	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

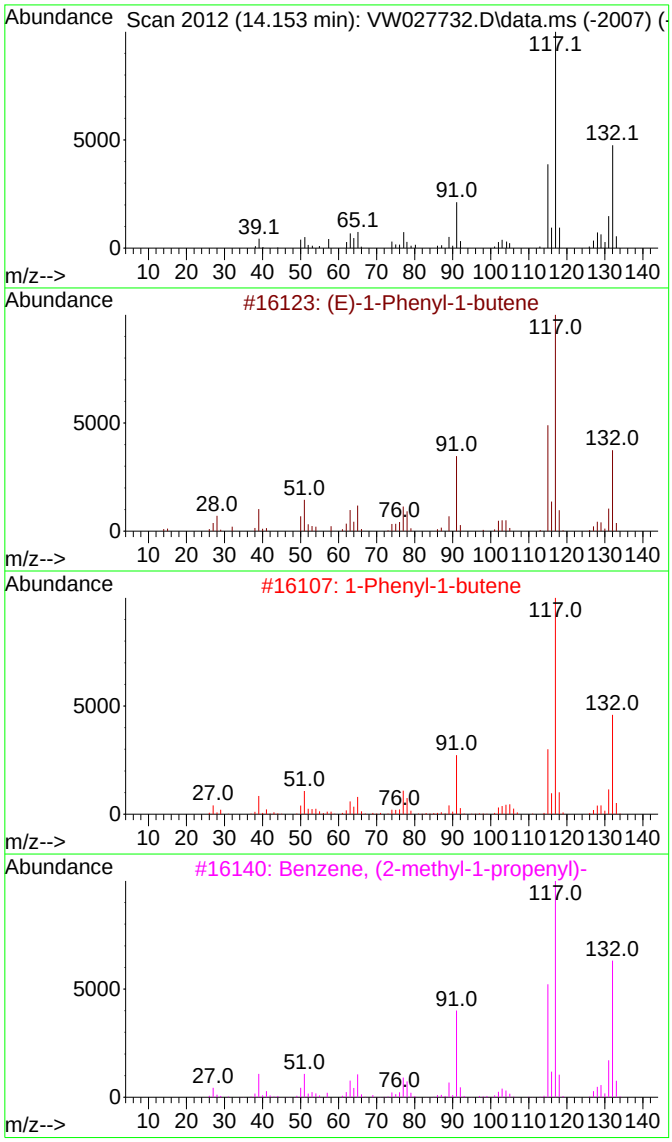
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

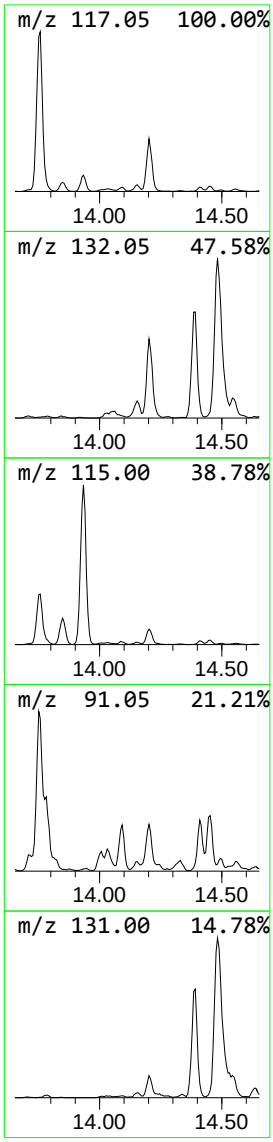
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (E)-1-Phenyl-1-butene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.153	1.64 ug/L	48435	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

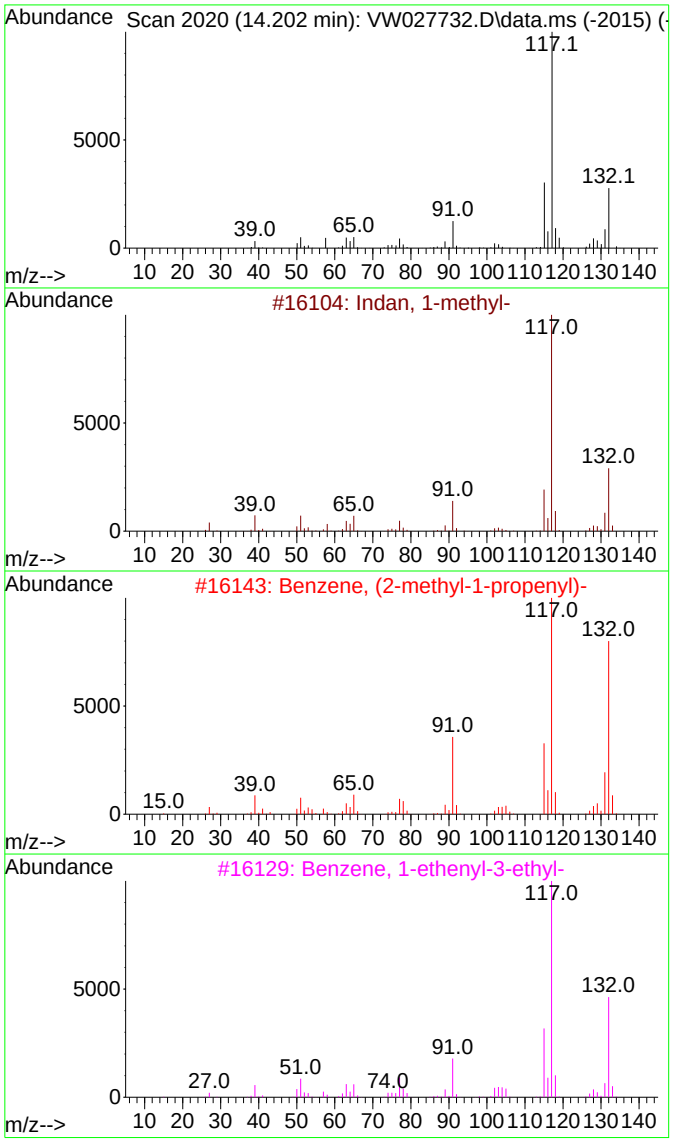
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

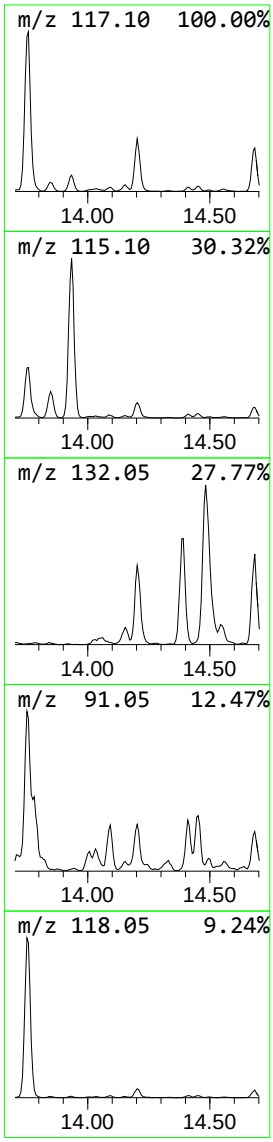
****

Peak Number 14 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	9.71 ug/L	287180	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

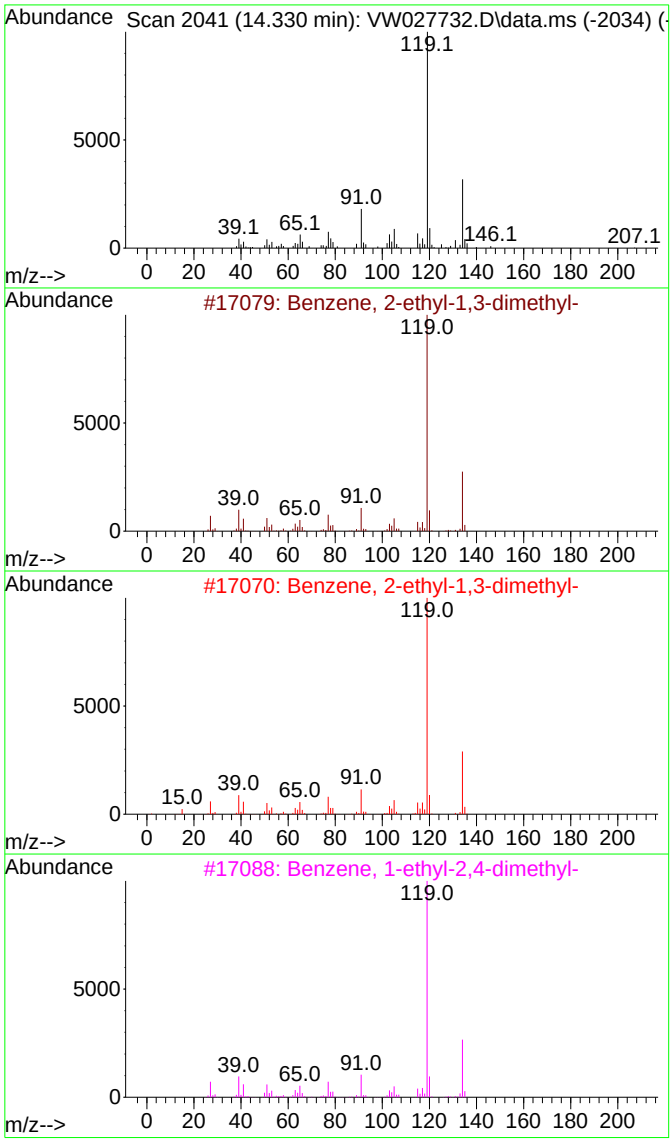
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

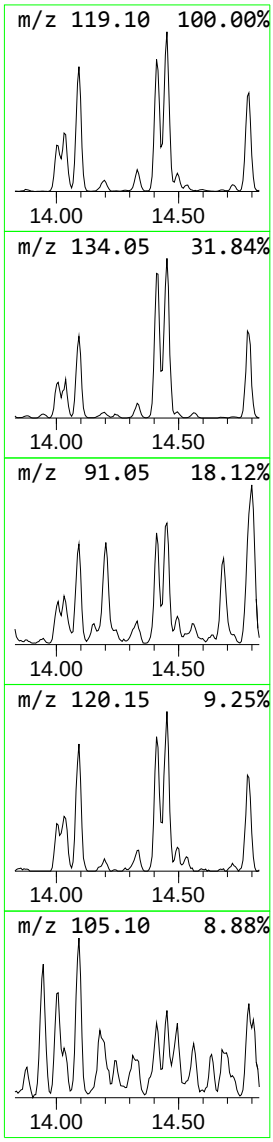
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	1.92 ug/L	56922	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

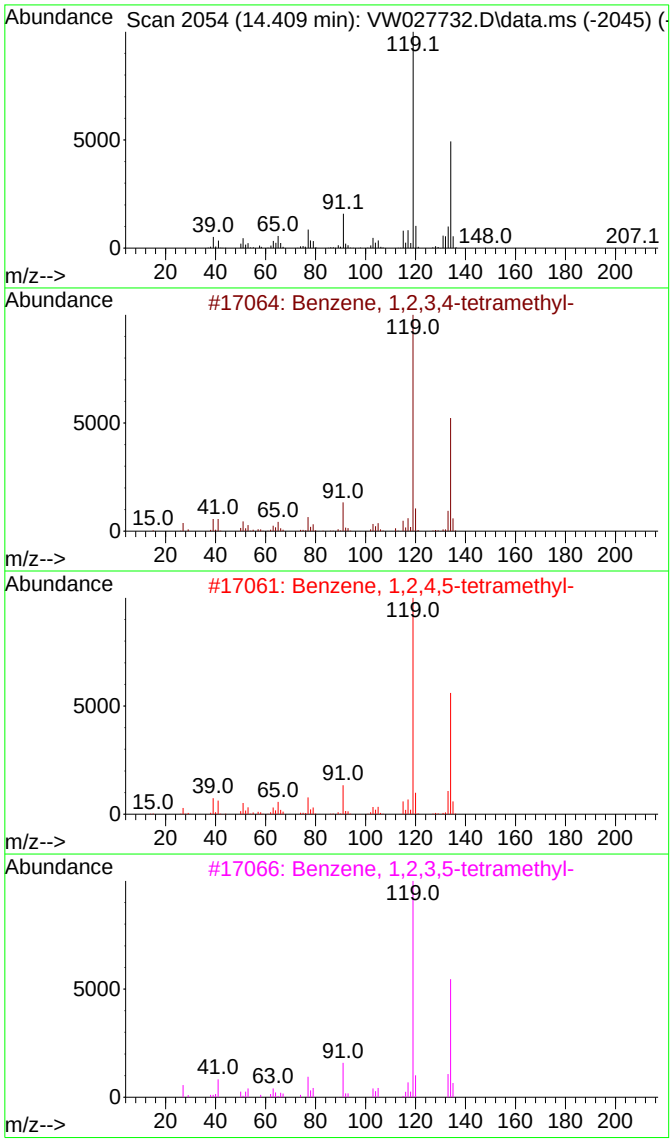
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

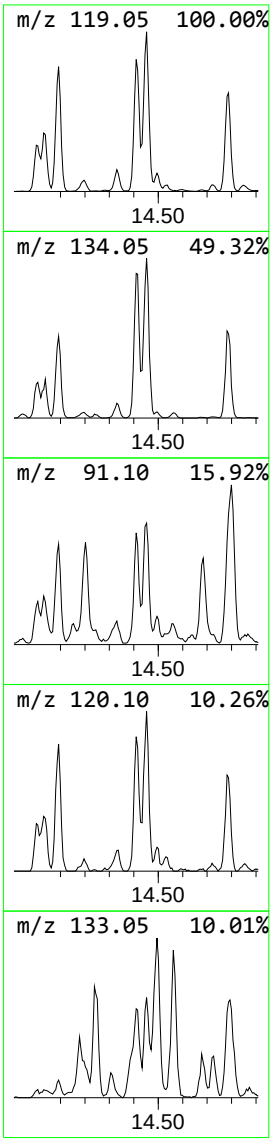
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.409	16.32 ug/L	482642	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

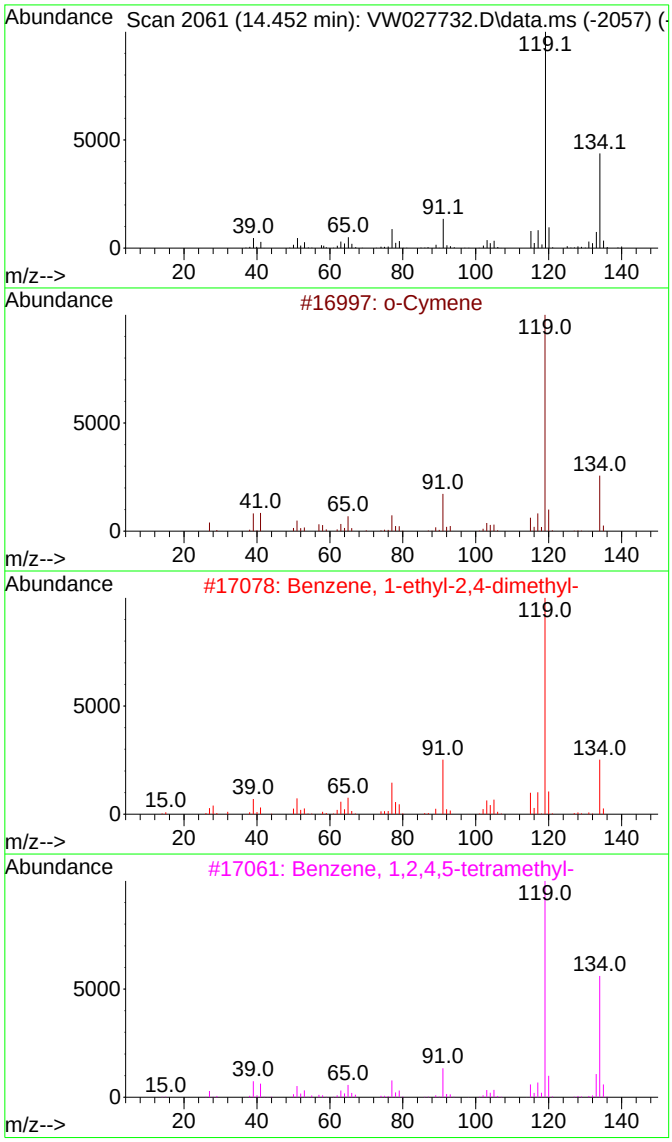
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

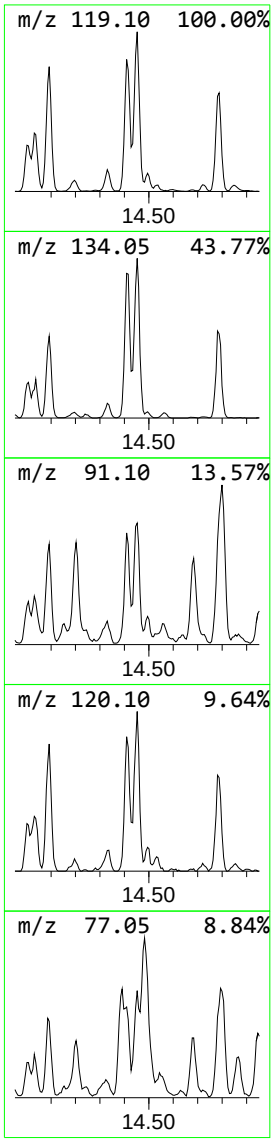
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	8.14 ug/L	240720	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

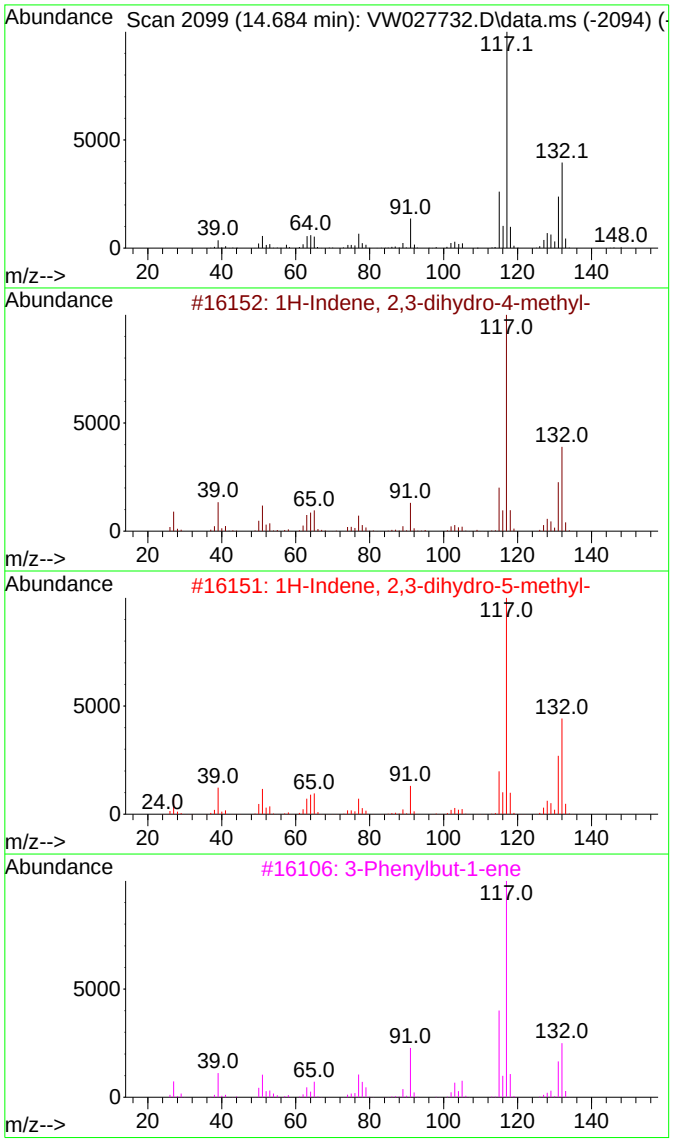
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

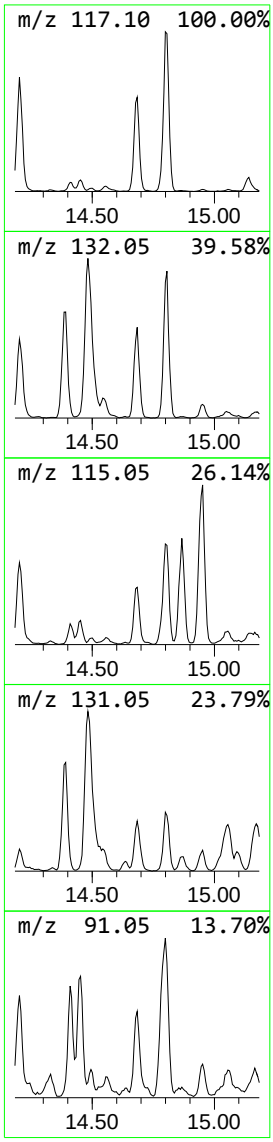
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	10.48 ug/L	309827	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

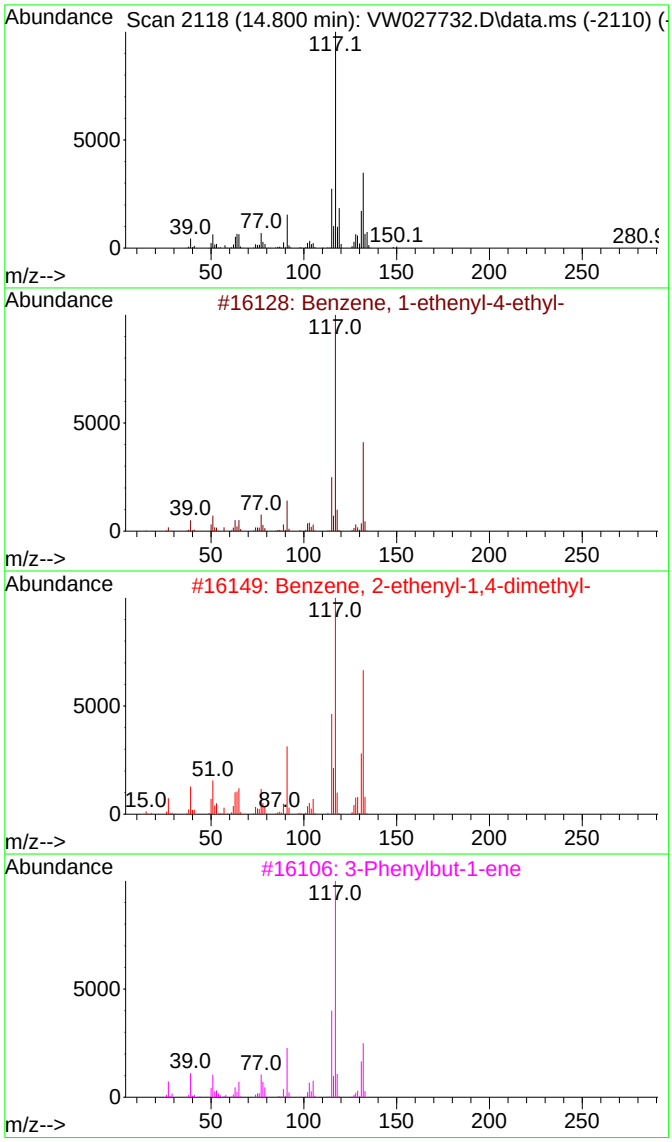
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

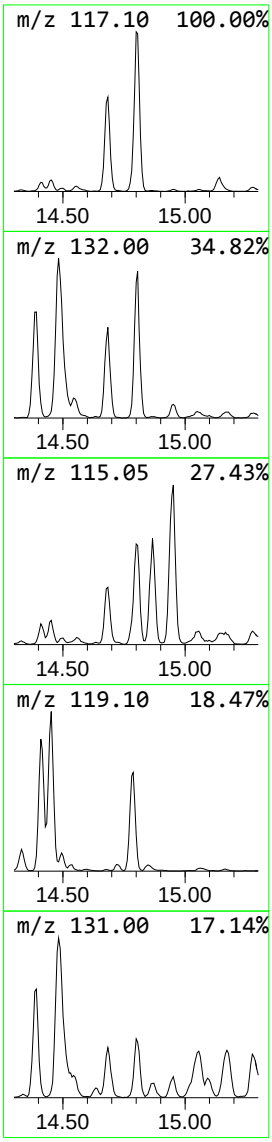
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.800	24.94 ug/L	737654	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

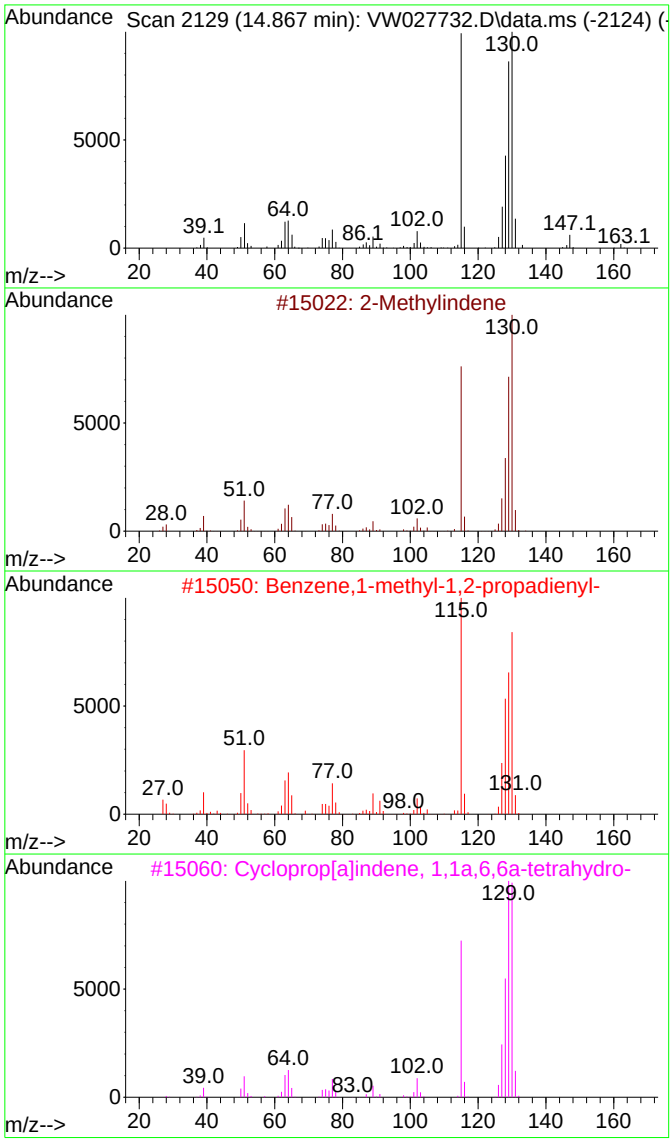
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

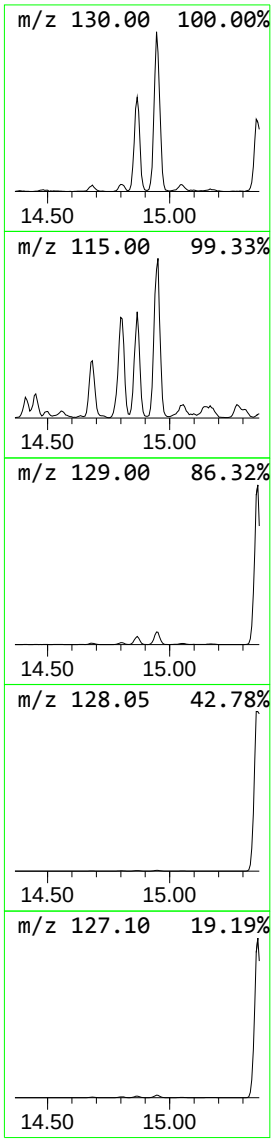
****

Peak Number 20 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.867	8.62 ug/L	255074	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

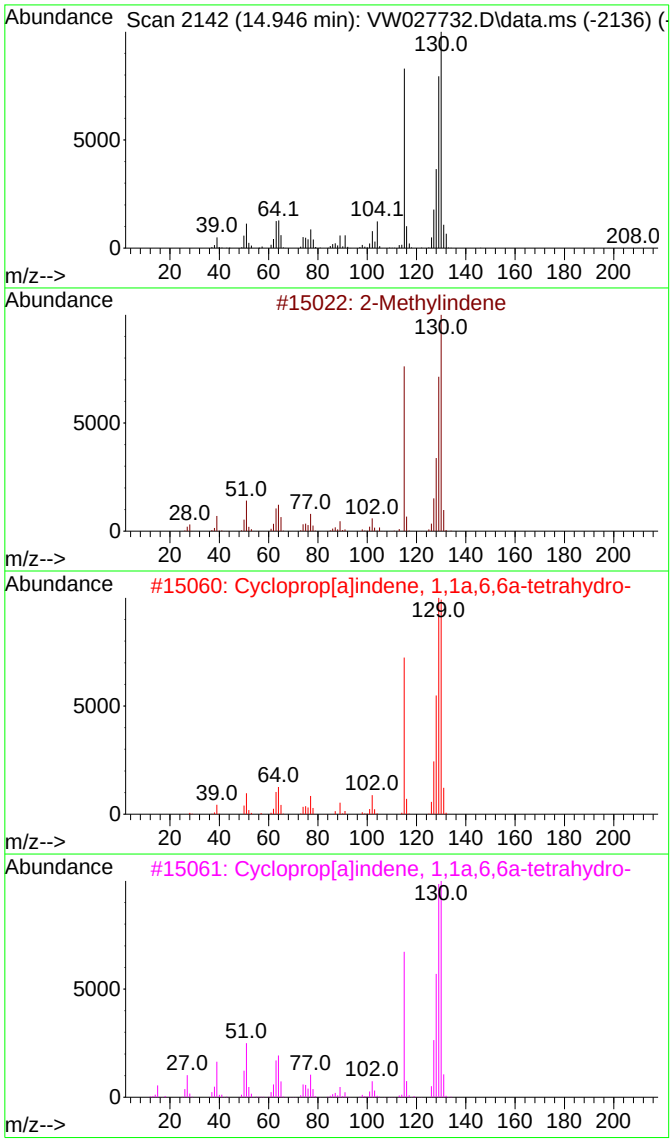
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

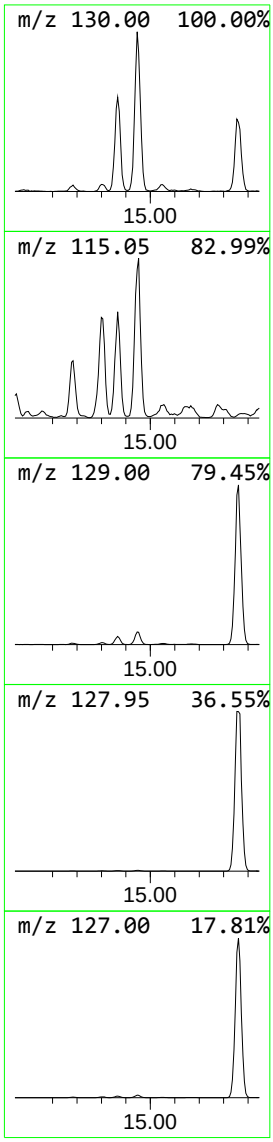
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	14.06 ug/L	415893	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





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Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

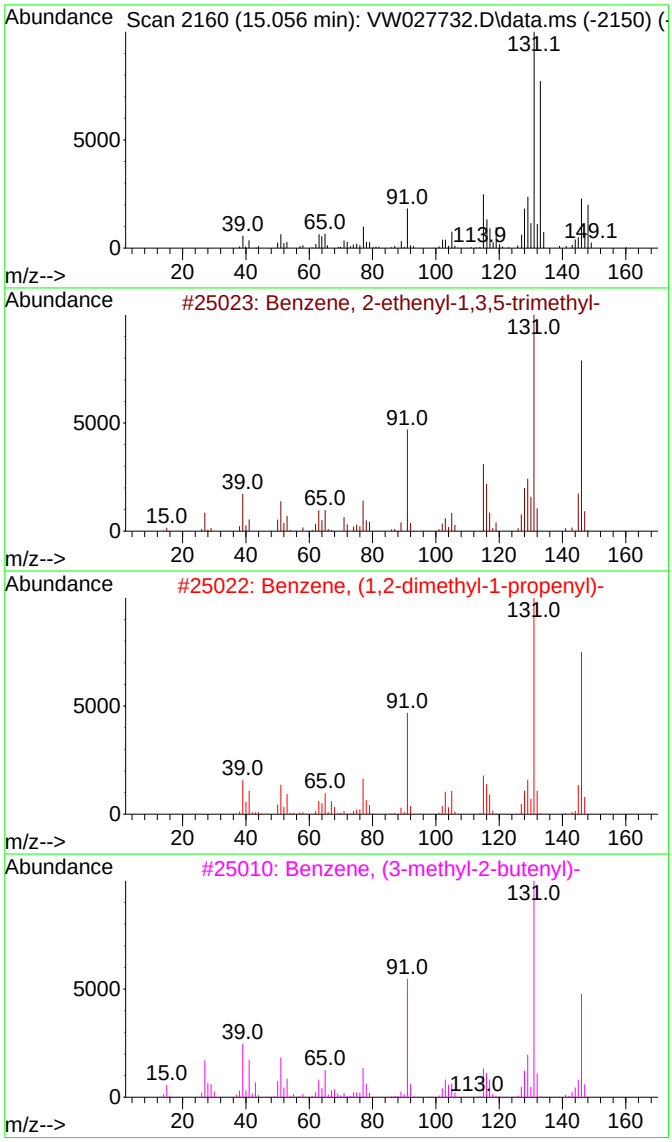
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

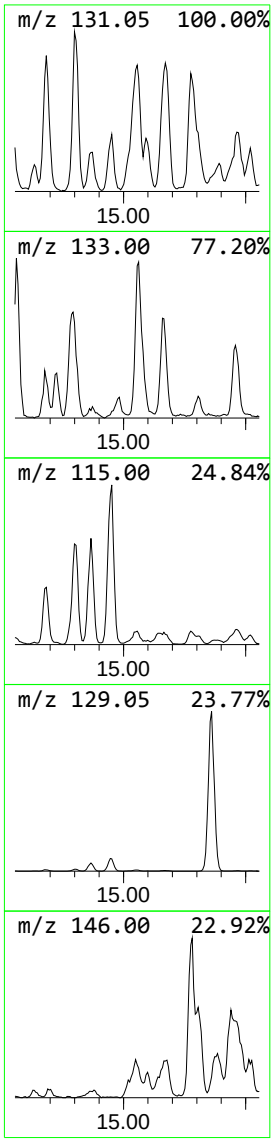
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.75 ug/L	169977	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

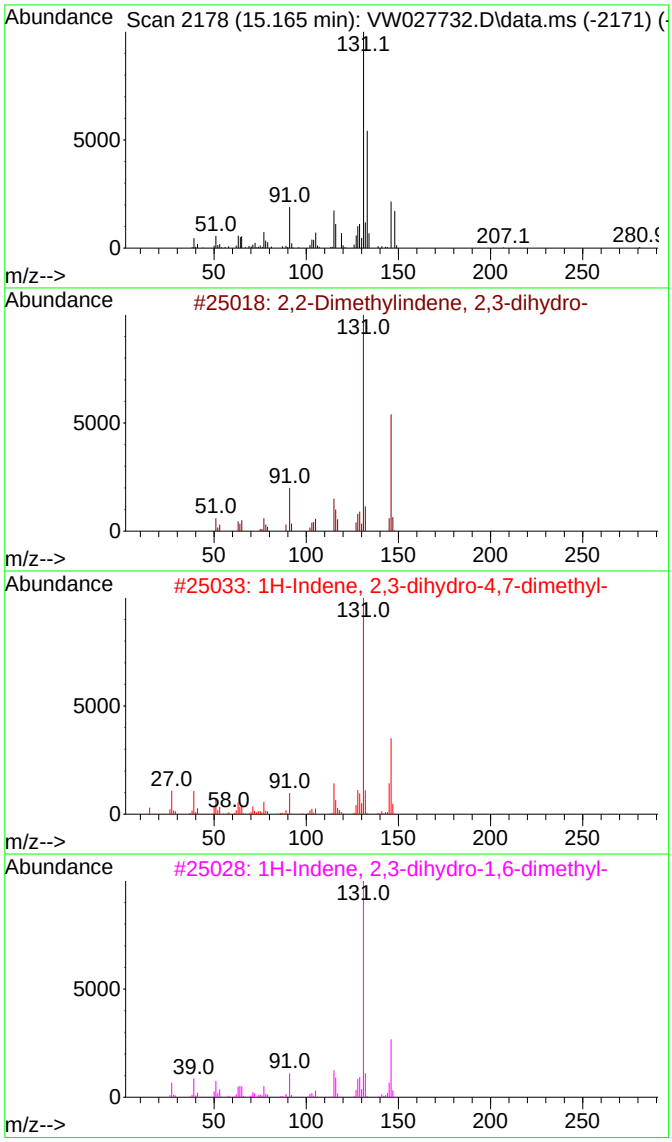
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

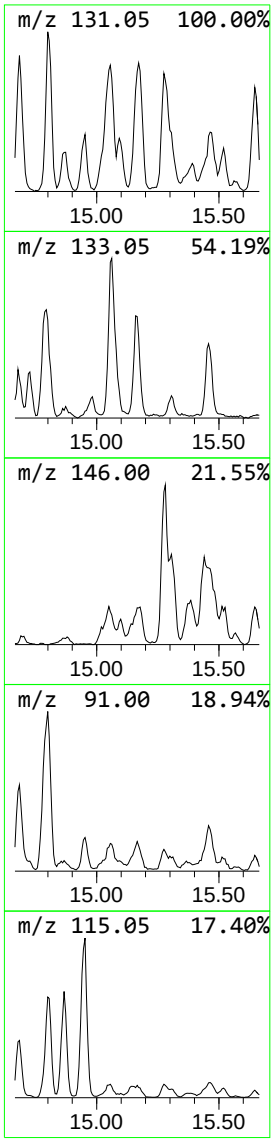
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2-Dimethylindene, 2,3-dih... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	5.48 ug/L	161970	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

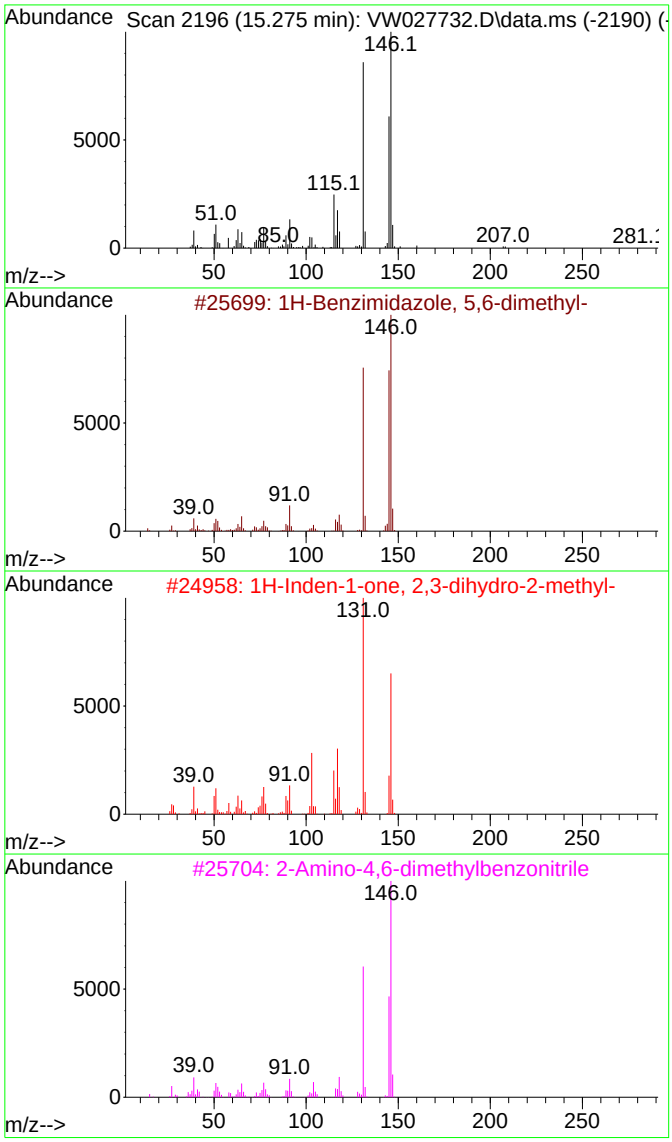
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

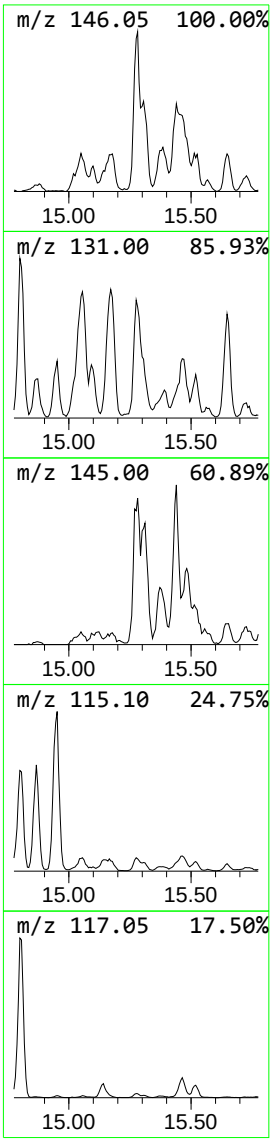
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Benzimidazole, 5,6-dimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	4.35 ug/L	128660	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
3	2-Amino-4,6-dimethylbenzonitrile	146	C9H10N2	1010461-05-1	80
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

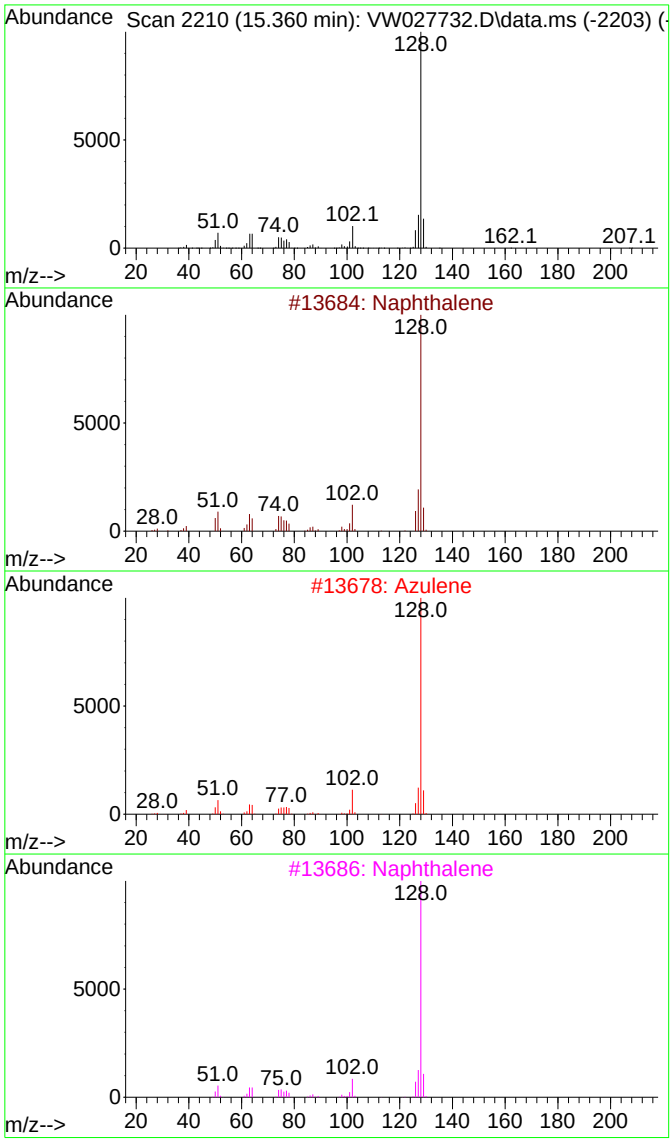
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

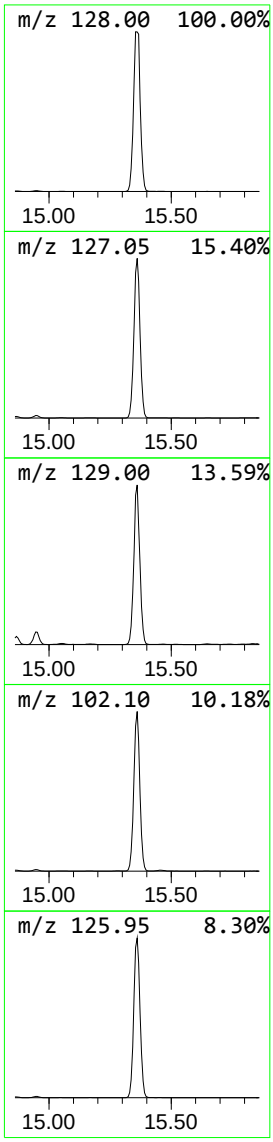
****

Peak Number 25 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	492.84 ug/L	14575500	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Naphthalene	128	C10H8	000091-20-3	95
5	Azulene	128	C10H8	000275-51-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

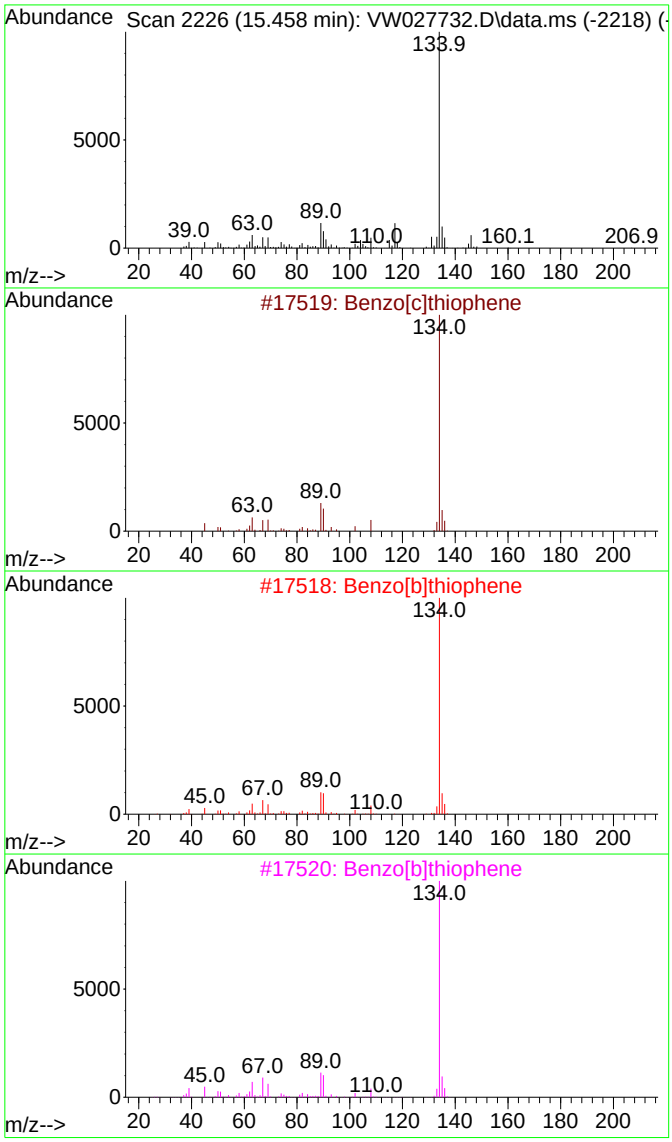
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

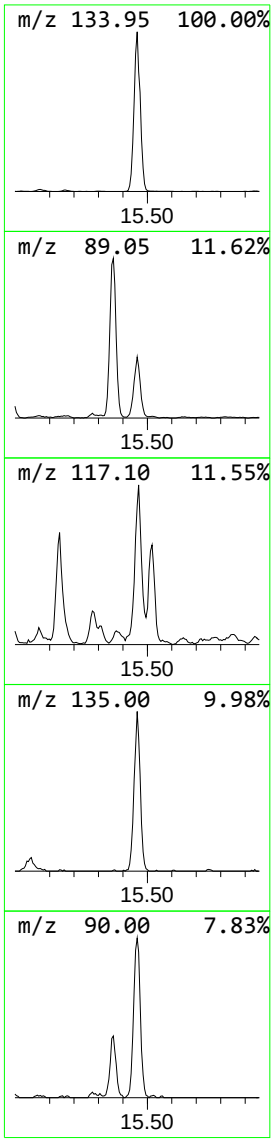
****

Peak Number 26 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.458	18.87 ug/L	558010	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	76
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

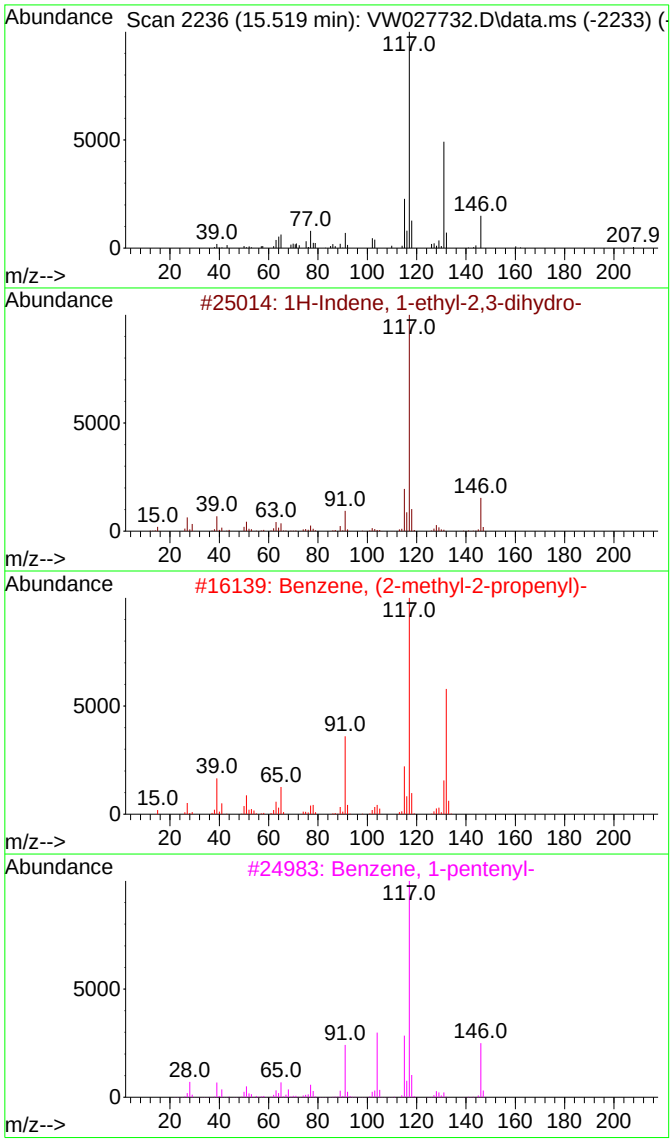
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

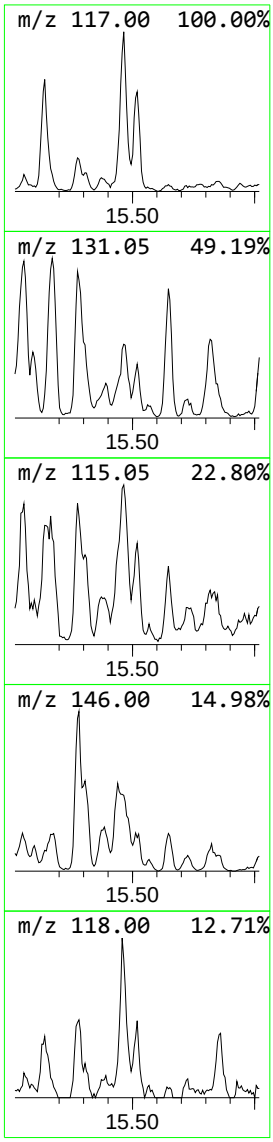
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.519	1.63 ug/L	48100	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	62
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

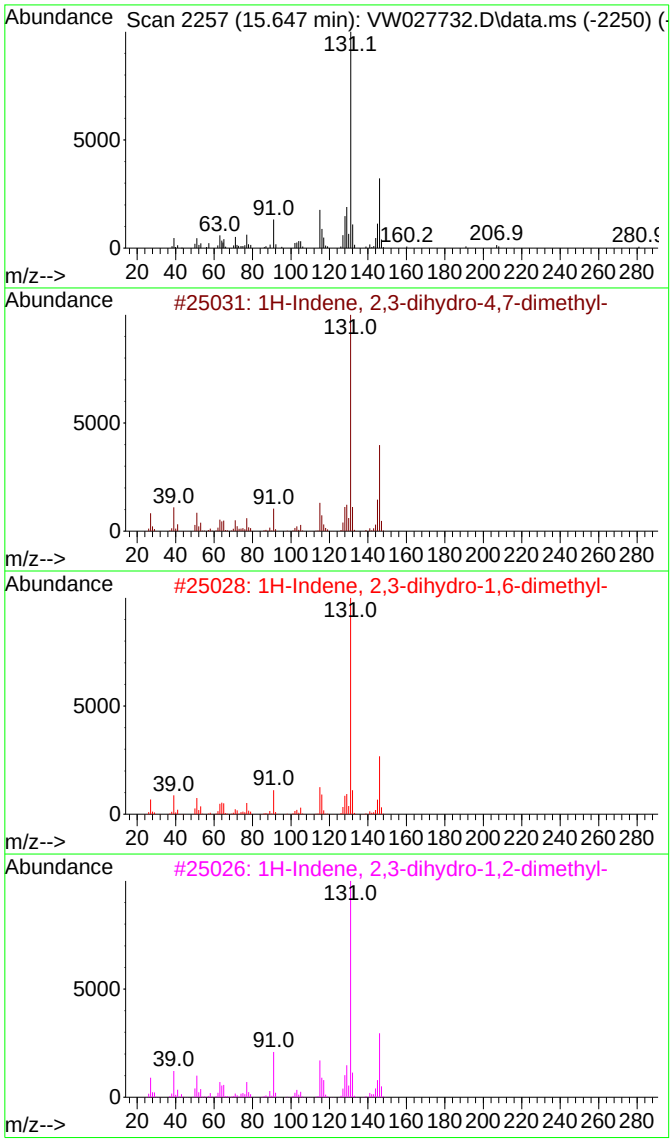
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

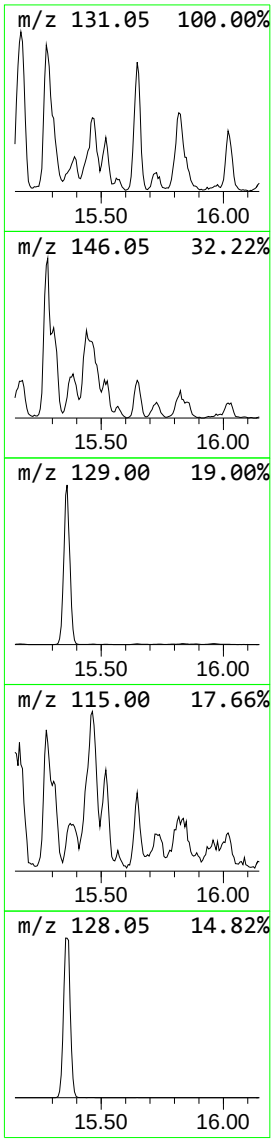
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	2.56 ug/L	75776	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

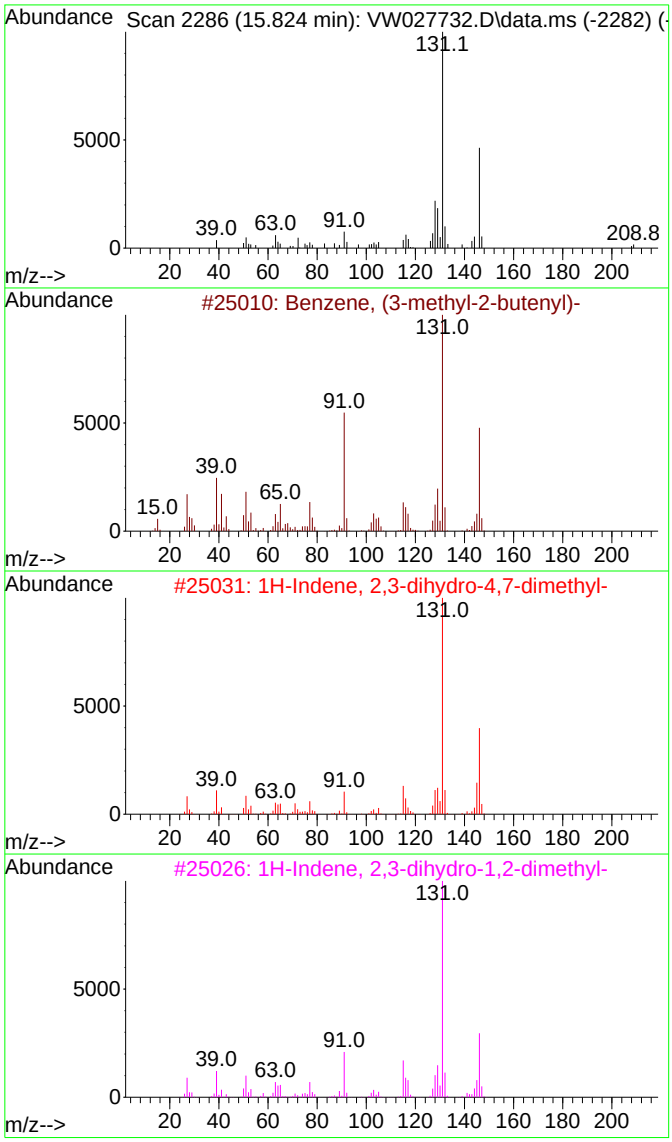
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

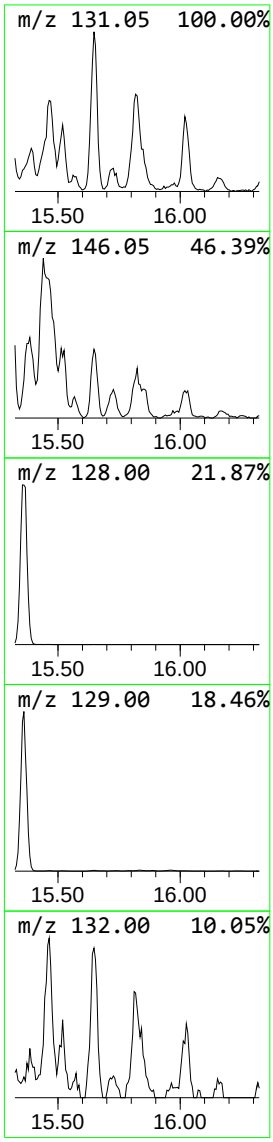
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, (3-methyl-2-butenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.824	1.61 ug/L	47740	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	80
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

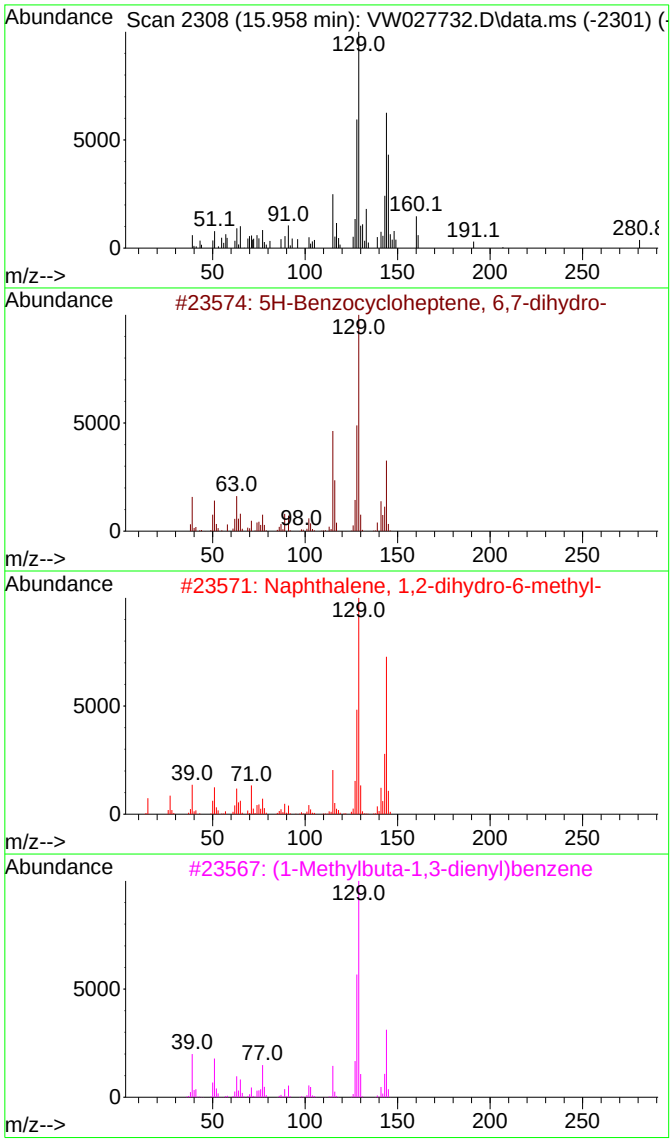
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

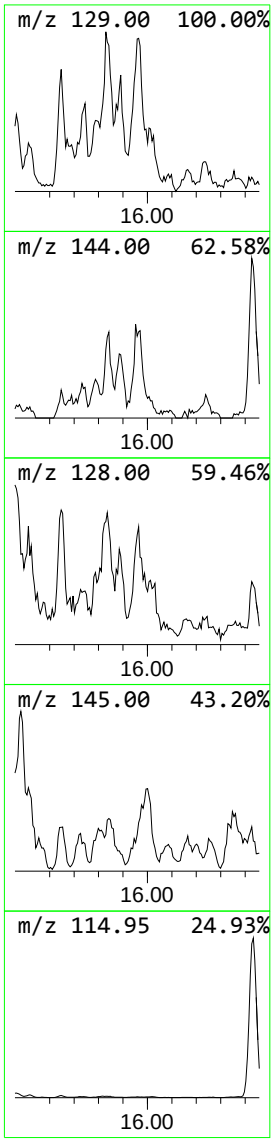
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 5H-Benzocycloheptene, 6,7-d... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.958	1.51 ug/L	44670	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	70
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	70
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	70
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	62
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

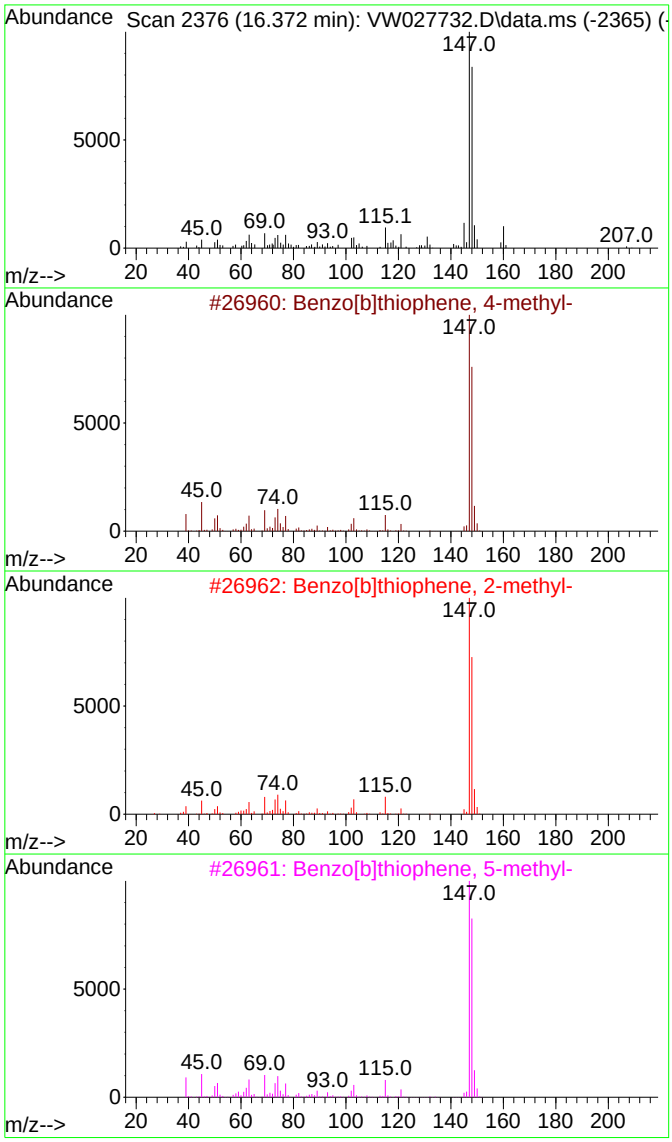
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

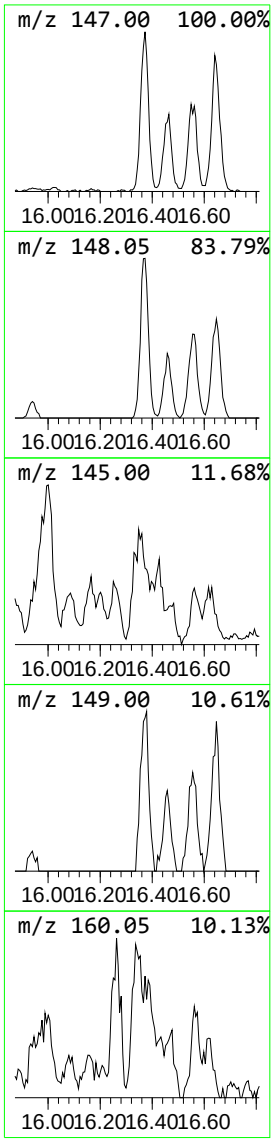
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[b]thiophene, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.372	2.98 ug/L	88199	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

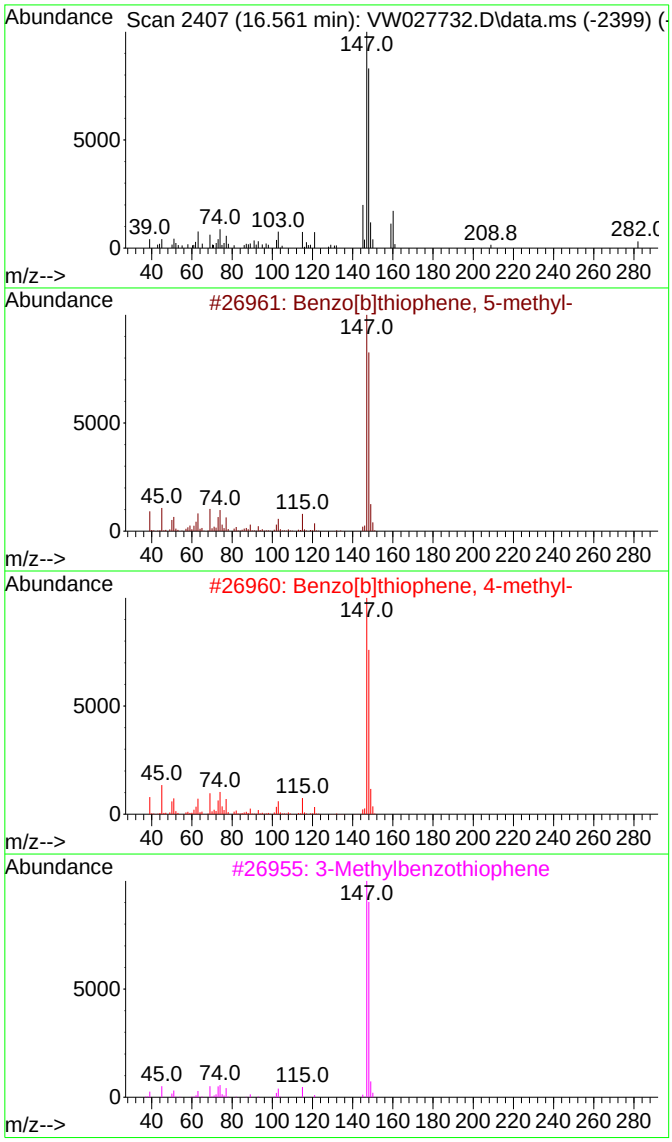
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

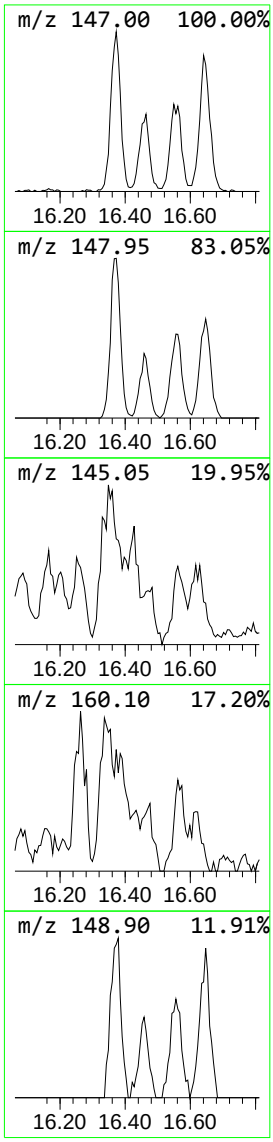
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzo[b]thiophene, 5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.561	1.61 ug/L	47509	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	76
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	74
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027732.D
Acq On : 18 Dec 2023 15:55
Operator : SY/MD
Sample : 05794-08
Misc : 4.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.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
Benzene, 1-ethy...	12.861	14.4	ug/L	427058	3	13.556	739368	25.0
Benzene, 1-ethy...	13.099	5.0	ug/L	147565	3	13.556	739368	25.0
o-Cymene	13.434	4.0	ug/L	116704	3	13.556	739368	25.0
Benzene, 1-meth...	13.489	3.8	ug/L	113305	3	13.556	739368	25.0
Benzene, 1,2-di...	13.714	2.8	ug/L	81495	3	13.556	739368	25.0
Indane	13.751	50.8	ug/L	1502160	3	13.556	739368	25.0
Indene	13.934	36.9	ug/L	1091590	3	13.556	739368	25.0
Benzene, 2-ethy...	14.007	3.7	ug/L	110686	3	13.556	739368	25.0
Benzene, 4-ethy...	14.038	3.1	ug/L	91297	3	13.556	739368	25.0
Benzene, 1-ethy...	14.092	8.4	ug/L	247418	3	13.556	739368	25.0
(E)-1-Phenyl-1-...	14.153	1.6	ug/L	48435	3	13.556	739368	25.0
Indan, 1-methyl-	14.202	9.7	ug/L	287180	3	13.556	739368	25.0
Benzene, 2-ethy...	14.330	1.9	ug/L	56922	3	13.556	739368	25.0
Benzene, 1,2,3,...	14.409	16.3	ug/L	482642	3	13.556	739368	25.0
Benzene, 1,2,4,...	14.452	8.1	ug/L	240720	3	13.556	739368	25.0
1H-Indene, 2,3-...	14.684	10.5	ug/L	309827	3	13.556	739368	25.0
Benzene, 1-ethe...	14.800	24.9	ug/L	737654	3	13.556	739368	25.0
2-Methylindene	14.867	8.6	ug/L	255074	3	13.556	739368	25.0
Cycloprop[a]ind...	14.946	14.1	ug/L	415893	3	13.556	739368	25.0
Benzene, 2-ethe...	15.056	5.8	ug/L	169977	3	13.556	739368	25.0
2,2-Dimethylind...	15.165	5.5	ug/L	161970	3	13.556	739368	25.0
1H-Benzimidazol...	15.275	4.3	ug/L	128660	3	13.556	739368	25.0
Azulene	15.361	492.8	ug/L	14575500	3	13.556	739368	25.0
Benzo[c]thiophene	15.458	18.9	ug/L	558010	3	13.556	739368	25.0
1H-Indene, 1-et...	15.519	1.6	ug/L	48100	3	13.556	739368	25.0
1H-Indene, 2,3-...	15.647	2.6	ug/L	75776	3	13.556	739368	25.0
Benzene, (3-met...	15.824	1.6	ug/L	47740	3	13.556	739368	25.0
5H-Benzocyclohe...	15.958	1.5	ug/L	44670	3	13.556	739368	25.0
Benzo[b]thiophe...	16.372	3.0	ug/L	88199	3	13.556	739368	25.0
Benzo[b]thiophe...	16.561	1.6	ug/L	47509	3	13.556	739368	25.0